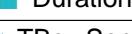
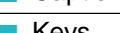
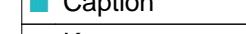
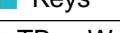
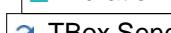




# TestCase

## Report

Created on 14.01.2020  
by Admin

Name	Value	Action Mode
 01   Close Browser		
 02   Login		
 TBox Start Program		
 Path	{cp[Browser]}	Input
 OpenUrl		
 Url	{cp[URL_Wics]}	Input
 LOGIN		
 Login Credentials		
 Username	{CP[UsernameWICS]}	Input
 Password	{Click}	Input
 Password	{CP[PasswordWICS]}	Input
 Submit	{Click}	Input
 03   Go To Participant		
 Click on Menu		
 MENU	{Click}	Input
 TT AUSTRIA -		
 Search...	Participant	Input
 TBox Wait		
 Duration	1000	Input
 TBox Send Keys		
 Caption	TT*	Input
 Keys	"{DEL}"	Input
 TBox Wait		
 Duration	1000	Input
 TBox Send Keys		
 Caption	TT*	Input
 Keys	"{DOWN}"	Input
 TBox Wait		
 Duration	1000	Input
 TBox Send Keys		
 Caption	TT*	Input
 Keys	"{DOWN}"	Input
 TBox Wait		
 Duration	1000	Input
 TBox Send Keys		
 Caption	TT*	Input
 Keys	"{DOWN}"	Input
 TBox Wait		
 Duration	1000	Input
 TBox Send Keys		
 Caption	TT*	Input

<input type="checkbox"/> Keys	"{ENTER}"	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input

#### 04 | Add Participant

<input checked="" type="checkbox"/> Click Add		
<input type="checkbox"/> Add	{Click}	Input
<input checked="" type="checkbox"/> Compile participant anagraphic		
<input type="checkbox"/> PARTICIPANT CODE:	{CP[MemberCodeWICS]}	Input
<input type="checkbox"/> PARTICIPANT MNEMONIC :	AAA	Input
<input type="checkbox"/> PARTICIPANT NAME :	{CP[NewParticipantNameWICS]}	Input
<input type="checkbox"/> PARTICIPANT TYPE :	CCP	Input
<input type="checkbox"/> BIC SETTLEMENT HEAD :	ABCDEFGHILM	Input
<input type="checkbox"/> BIC SETTLEMENT BODY :	ABCDEFGHILM	Input
<input type="checkbox"/> BIC PAYMENT HEAD :	ABCDEFGHILM	Input
<input type="checkbox"/> BIC PAYMENT BODY :	ABCDEFGHILM	Input
<input type="checkbox"/> BIC REPORTING HEAD :	ABCDEFGHILM	Input
<input type="checkbox"/> BIC REPORTING BODY :	ABCDEFGHILM	Input
<input type="checkbox"/> MARGIN ADD-IN % :	0,000	Input
<input type="checkbox"/> Activate Settlement:	Activated	Input
<input type="checkbox"/> Activate Payment Messages:	Deactivated	Input
<input type="checkbox"/> Activate Swift Reporting:	Deactivated	Input
<input type="checkbox"/> Add	{Click}	Input
<input checked="" type="checkbox"/> Remove filter		
<input type="checkbox"/> CODE-1011	{Click}	Input
<input checked="" type="checkbox"/> Wait 0.5 sec		
<input type="checkbox"/> Duration	500	Input

#### 05 | Check columns and Export List of Participant to Csv

<input type="checkbox"/> Columns check		
<input checked="" type="checkbox"/> TT AUSTRIA - ParticipantPage		
<input type="checkbox"/> TABLE	Colomnum	Buffer
<input checked="" type="checkbox"/> TBox Set Buffer		
<input type="checkbox"/> Column	1	Input
<input type="checkbox"/> Controllo ordinamento colonne		
<input checked="" type="checkbox"/> TBox Set Buffer		
<input type="checkbox"/> Column	{MATH[{b[Column]}+1]}	Input
<input checked="" type="checkbox"/> TT AUSTRIA - ParticipantPage		
<input type="checkbox"/> TABLE	{NULL}	Select
<input type="checkbox"/> #{b[Column]}	{NULL}	Select
<input type="checkbox"/> #1	{CLICK}	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input checked="" type="checkbox"/> TT AUSTRIA - ParticipantPage		

■ CPAMBRW010_grid	{NULL}	Select
■ #{b[Column]}	{NULL}	Select
■ #2	True	Verify
■ Export PDF		
☛ Click on :		
■ ,	{Click}	Input
☛ Click on export csv		
■ Export to Csv	{Click}	Input
☛ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input
■ OK	{Click}	Input

#### C 06 | Filter and Display Participant

☛ Filtra partecipante		
■ FILTER	PARTICIPANT DESCRIPTION	Input
■ filtervalue	{CP[NewParticipantNameWICS]}	Input
■ +	{Click}	Input
☛ Display record		
■ View this record	{Click}	Input
☛ If open , click on return		
■ PARTICIPANT TYPE :	True	Verify
■ Return	{Click}	Input

#### C 07 | Modify Name Participant

☛ Click change record		
■ Change this record	{Click}	Input
☛ Change participant		
■ PARTICIPANT NAME :	{CP[NewParticipantNameWICS]}mod	Input
■ Change	{Click}	Input

#### C 08 | Modify Type Participant

☛ Click change record		
■ Change this record	{Click}	Input
☛ Change participant		
■ PARTICIPANT TYPE :	PARTICIPANT	Input
■ Change	{Click}	Input
☛ Remove filter (FUNZIONA PER TUTTI)		
■ NAME-AUTOMTEST002	X	Input

#### C 09 | Go to Collateral and Add

☛ Click on Menu		
■ MENU	{Click}	Input
☛ TT AUSTRIA - Collateral		

■ Add	{Click}	Input
■ Compile Collateral		
☛ Compile collateral		
■ Collateral Account ID :	CO-{CP[MemberCodeWICS]}-1	Input
■ 0000	{Click}	Input
■ send Keys		
☛ TBox Wait		
■ Duration	750	Input
☛ Insert 1011		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	1111	Input
☛ TBox Wait		
■ Duration	750	Input
☛ Enter		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	"{ENTER}"	Input
☛ Compile collateral		
■ ACCOUNT DESCRIPTION :	{CP[ParticipantNameWICS]}	Input
■ 0000	{Click}	Input
■ send Keys		
☛ TBox Wait		
■ Duration	750	Input
☛ Insert 1011		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	1111	Input
☛ TBox Wait		
■ Duration	500	Input
☛ Enter		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	"{ENTER}"	Input
☛ Compile collateral		
■ CURRENCY :	EUR - EURO	Input
■ Add	X	Input

## ☛ 10 | Export Collateral

☛ Click on Menu		
■ MENU	{Click}	Input
☛ Select ,		
■ ,	{Click}	Input
☛ export		
■ Export to Csv	{Click}	Input
☛ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input

<input type="checkbox"/> Save	{Click}	Input
<input type="checkbox"/> OK	{Click}	Input
<input checked="" type="checkbox"/> TBox Delete File		
<input type="checkbox"/> Directory	{cp[PathCSV]}	Input
<input type="checkbox"/> File	{b[csvName]}	Input

### C 11 | Modify New Collateral

<input checked="" type="checkbox"/> Click on change button		
<input type="checkbox"/> Change this record	X	Input
<input checked="" type="checkbox"/> Confirm change		
<input type="checkbox"/> ACCOUNT DESCRIPTION :	{CP[NewParticipantNameWICS]}	Input
<input type="checkbox"/> Change	{Click}	Input
<input checked="" type="checkbox"/> Remove filter		
<input type="checkbox"/> COLLATERAL ACCOUNT ID-CO-1011-1	{Click}	Input

### C 12 | Go to Default Fund participant and Add New

<input checked="" type="checkbox"/> Click on Menu		
<input type="checkbox"/> MENU	{Click}	Input
<input checked="" type="checkbox"/> add DF		
<input type="checkbox"/> Add	{Click}	Input
<input checked="" type="checkbox"/> TT AUSTRIA - Default Fund Participant		
<input type="checkbox"/> DF PARTICIPANT ACCOUNT ID :	CO-{CP[MemberCodeWICS]}-2	Input
<input type="checkbox"/> ACCOUNT DESCRIPTION :	TEST	Input
<input type="checkbox"/> MINIMUM CONTRIBUTION :	5000,00	Input
<input checked="" type="checkbox"/> TT AUSTRIA - Default Fund Participant		
<input type="checkbox"/> 0CMOWNERSHIP	{Click}	Input
<input type="checkbox"/> Send Keys		
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input checked="" type="checkbox"/> TBox Send Keys		
<input type="checkbox"/> Caption	{CP[Model_Title]}*	Input
<input type="checkbox"/> Keys	{CP[MemberCodeWICS]}	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input checked="" type="checkbox"/> TBox Send Keys		
<input type="checkbox"/> Caption	{CP[Model_Title]}*	Input
<input type="checkbox"/> Keys	"{ENTER}"	Input
<input checked="" type="checkbox"/> TT AUSTRIA - Default Fund Participant		
<input type="checkbox"/> DFACCOUNTID	{Click}	Input
<input type="checkbox"/> Send Keys		
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input checked="" type="checkbox"/> TBox Send Keys		
<input type="checkbox"/> Caption	{CP[Model_Title]}*	Input

■ Keys	CPP-XVIE	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - Default Fund Participant		
■ clearing Agent code	{Click}	Input
■ Send Keys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	{CP[MemberCodeWICS]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - Default Fund Participant		
■ Add	{Click}	Input
⌚ TBox Wait		
■ Duration	1500	Input
⌚ Remove filter		
■ DF PARTICIPANT ACCOUNT -CO-9992-2	{Click}	Input

#### ⌚ 13 | Add Default Fund

⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ add DF		
■ Add	{Click}	Input
⌚ TT AUSTRIA - Default Fund Participant		
■ DF ACCOUNT ID :	TESTAUTOMATICO	Input
■ ACCOUNT DESCRIPTION :	TEST	Input
■ MINIMUM CONTRIBUTION :	5000,00	Input
■ SCHEDULE EXECUTION DATE :	{DATE[] [] yyyy-MM-dd]}	Input
■ Add	{CLICK}	Input
⌚ TBox Wait		
■ Duration	1500	Input
⌚ Remove filter		
■ DF PARTICIPANT ACCOUNT -CO-1011-2	{Click}	Input

#### ⌚ 14 | Export Default Fund

⌚ Click on Menu		
-----------------	--	--

■ MENU	{Click}	Input
↻ Select ,		
■ EN	{Click}	Input
↻ Export to csv		
■ Export to Csv	{Click}	Input
↻ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input
■ OK	{Click}	Input
↻ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

### C 15 | Modify Default Fund

↻ add DF		
■ filtervalue	TESTAUTOM	Input
■ +	x	Input
↻ TT AUSTRIA - Default Fund		
■ CPADFAW010_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ Change this record	{Click}	Input
↻ TT AUSTRIA - DF Account		
■ REQUIRED AMOUNT :	{RND[5]}	Input
■ Change	{CLICK}	Input
↻ TT AUSTRIA - Default Fund		
■ DF ACCOUNT ID-CPP-XVIE	{Click}	Input

### C 16 | Export Default Fund Participant

↻ Click on Menu		
■ MENU	{Click}	Input
↻ click on ,		
■ ,	{Click}	Input
↻ Export to CSV		
■ Export to Csv	{Click}	Input
↻ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input
■ OK	{Click}	Input
↻ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

### C 17 | Go to Settlement and Add New

⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Click on add		
■ Add	{Click}	Input
⌚ Compile settlement		
■ SETTLEMENT ACCOUNT ID :	SA-{CP[MemberCodeWICS]}	Input
■ DESCRIPTION :	TEST FABRIZIO AUTOMATICO	Input
■ SAC	{CLICK}	Input
■ <New Folder>		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	{CP[MemberCodeWICS]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TT AUSTRIA - Settlement		
■ CCP	{CLICK}	Input
■ <New Folder>		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	2400	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TT AUSTRIA - Settlement		
■ CSD	{CLICK}	Input
■ <New Folder>		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	1111	Input

⌚ TBox Wait			
█ Duration	500		Input
⌚ TBox Send Keys			
█ Caption	{CP[Model_Title]}*		Input
█ Keys	"{ENTER}"		Input
⌚ TBox Wait			
█ Duration	500		Input
⌚ Click on add			
█ CASH ACCOUNT ID :	ABCDEFGHI		Input
█ SECURITY DEPOSIT ID :	OCSD{CP[MemberCodeWICS]}		Input
█ add CMO			
⌚ Click on add			
█ Part Code	{Click}		Input
⌚ TBox Wait			
█ Duration	500		Input
⌚ TBox Send Keys			
█ Caption	{CP[Model_Title]}*		Input
█ Keys	{CP[MemberCodeWICS]}		Input
⌚ TBox Wait			
█ Duration	500		Input
⌚ TBox Send Keys			
█ Caption	{CP[Model_Title]}*		Input
█ Keys	"{ENTER}" "{ENTER}"		Input
⌚ TT AUSTRIA - Settlement_1			
█ CASH ACCOUNT ID :	{RND[4]}		Input
█ SECURITY DEPOSIT ID :	{RND[4]}		Input
█ Add	X		Input
⌚ Remove filter			
█ SETTLEMENT ACCOUNT ID-SA-1011	{Click}		Input

## ⌚ 18 | Export Settlement

⌚ Click on Menu			
█ MENU	{Click}		Input
⌚ Click ,			
█ ,	{Click}		Input
⌚ Export csv			
█ Export to Csv	{Click}		Input
⌚ Save excel			
█ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName		Buffer
█ ComboBox	Microsoft Excel 2010 (default)		Input
█ Save	{Click}		Input
█ OK	{Click}		Input
⌚ TBox Delete File			
█ Directory	{cp[PathCSV]}		Input

 File	{b[csvName]}	Input
<b>C 19   Go to Position,Add,Delete and Add again</b>		
 Click on Menu		
 MENU	{Click}	Input
 Click on add		
 Add	{Click}	Input
 Position PopUp Compile		
 TBox Partial Buffer		
 Buffer	LastTwoDigitsParticipant	Input
 Value	{CP[MemberCodeWICS]}	Input
 Last	2	Input
 Compile fields		
 POSITION ACCOUNT ID :	20{B[LastTwoDigitsParticipant]}	Input
 MARKET CODE :	- 03 - XVIE - AUSTRIA	Input
 ACCOUNT CATEGORY :	House	Input
 ACCOUNT DESCRIPTION :	TEST AUTOMATICO (H)	Input
 MARGIN GROUP :	{CP[MemberCodeWICS]}	Input
 Collateral account id	{Click}	Input
 send Keys		
 TBox Wait		
 Duration	750	Input
 Insert CO-{CP[MemberCodeWICS]}-1		
 Caption	{CP[Model_Title]}*	Input
 Keys	CO-{CP[MemberCodeWICS]}-1	Input
 TBox Wait		
 Duration	750	Input
 Enter		
 Caption	{CP[Model_Title]}*	Input
 Keys	"{ENTER}"	Input
 Compile fields		
 Settlement account id	{Click}	Input
 send Keys		
 TBox Wait		
 Duration	750	Input
 Insert SA-{CP[MemberCodeWICS]}		
 Caption	{CP[Model_Title]}*	Input
 Keys	SA-{CP[MemberCodeWICS]}	Input
 TBox Wait		
 Duration	750	Input
 Enter		
 Caption	{CP[Model_Title]}*	Input
 Keys	"{ENTER}"	Input
 Compile fields		

■ DF Participant account id	{Click}	Input
■ send Keys		
⌚ TBox Wait		
■ Duration	750	Input
⌚ Insert SA-{CP[MemberCodeWICS]}		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	CO-{CP[MemberCodeWICS]}-2	Input
⌚ TBox Wait		
■ Duration	750	Input
⌚ Enter		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	"{ENTER}"	Input
⌚ Compile fields		
■ Membership Type :	GCM General Clearing Member	Input
⌚ TT AUSTRIA - Position		
■ participant code	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	{CP[MemberCodeWICS]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	"{ENTER}"	Input
⌚ Compile fields		
■ CM ownership	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	{CP[MemberCodeWICS]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	"{ENTER}"	Input
■ Add		
⌚ Click on add		
■ Add	{Click}	Input
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA - Position_H_control		

<input type="checkbox"/> CPAAPAC010_grid	{NULL}	Select
<input type="checkbox"/> \$4	{NULL}	Select
<input type="checkbox"/> \$1	House	Verify
⌚ TT AUSTRIA - Position_H cancellation		
<input type="checkbox"/> CPAAPAC010_grid	{NULL}	Select
<input type="checkbox"/> Delete this record	{Click}	Input
⌚ TT AUSTRIA - Position Delete		
<input type="checkbox"/> Delete	{Click}	Input
⌚ TT AUSTRIA - Return to main position menu		
<input type="checkbox"/> POSITION ACCOUNT ID-5015	{Click}	Input
<input type="checkbox"/> Add2		
⌚ TT AUSTRIA - Add position		
<input type="checkbox"/> Add	{Click}	Input
⌚ TT AUSTRIA - Position		
<input type="checkbox"/> POSITION ACCOUNT ID :	20{B[LastTwoDigitsParticipant]}	Input
<input type="checkbox"/> MARKET CODE :	- 03 - XVIE - AUSTRIA	Input
<input type="checkbox"/> ACCOUNT CATEGORY :	House	Input
<input type="checkbox"/> ACCOUNT DESCRIPTION :	TEST FABRIZIO AUTOMATICO (C)	Input
<input type="checkbox"/> MARGIN GROUP :	20{B[LastTwoDigitsParticipant]}	Input
<input type="checkbox"/> Membership Type :	GCM General Clearing Member	Input
⌚ TT AUSTRIA - Position		
<input type="checkbox"/> participant code	{CLICK}	Input
⌚ TBox Wait		
<input type="checkbox"/> Duration	500	Input
⌚ TBox Send Keys		
<input type="checkbox"/> Caption	{CP[Model_Title]}*	Input
<input type="checkbox"/> Keys	{CP[MemberCodeWICS]}	Input
⌚ TBox Wait		
<input type="checkbox"/> Duration	500	Input
⌚ TBox Send Keys		
<input type="checkbox"/> Caption	{CP[Model_Title]}*	Input
<input type="checkbox"/> Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - Position		
<input type="checkbox"/> CM ownership	{CLICK}	Input
⌚ TBox Wait		
<input type="checkbox"/> Duration	500	Input
⌚ TBox Send Keys		
<input type="checkbox"/> Caption	{CP[Model_Title]}*	Input
<input type="checkbox"/> Keys	{CP[MemberCodeWICS]}	Input
⌚ TBox Wait		
<input type="checkbox"/> Duration	500	Input
⌚ TBox Send Keys		
<input type="checkbox"/> Caption	{CP[Model_Title]}*	Input
<input type="checkbox"/> Keys	"{ENTER}"	Input

④ Compile fields		
■ POSITION ACCOUNT ID :	20{B[LastTwoDigitsParticipant]}	Input
■ MARKET CODE :	- 03 - XVIE - AUSTRIA	Input
■ ACCOUNT CATEGORY :	House	Input
■ ACCOUNT DESCRIPTION :	TEST AUTOMATICO (H)	Input
■ MARGIN GROUP :	{CP[MemberCodeWICS]}	Input
■ Collateral account id	{Click}	Input
■ send Keys		
④ TBox Wait		
■ Duration	750	Input
④ Insert CO-{CP[MemberCodeWICS]}-1		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	CO-{CP[MemberCodeWICS]}-1	Input
④ TBox Wait		
■ Duration	750	Input
④ Enter		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	Input	
④ Compile fields		
■ Settlement account id	{Click}	Input
■ send Keys		
④ TBox Wait		
■ Duration	750	Input
④ Insert SA-{CP[MemberCodeWICS]}		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	SA-{CP[MemberCodeWICS]}	Input
④ TBox Wait		
■ Duration	750	Input
④ Enter		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	{ENTER}"	Input
④ Compile fields		
■ DF Participant account id	{Click}	Input
■ send Keys		
④ TBox Wait		
■ Duration	750	Input
④ Insert SA-{CP[MemberCodeWICS]}		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	CO-{CP[MemberCodeWICS]}-2	Input
④ TBox Wait		
■ Duration	750	Input
④ Enter		
■ Caption	{CP[Model_Title]}*	Input
■ Keys	{ENTER}"	Input

⌚ TT AUSTRIA - Position		
■ Add	{Click}	Input

⌚ 20   Export Position		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Click ,		
■ ,	{Click}	Input
⌚ Export Csv		
■ Export to Csv	{Click}	Input
⌚ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input
■ OK	{Click}	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

⌚ 21   Go to and dowload Margin		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Click ,		
■ ,	{Click}	Input
⌚ export Csv		
■ Export to Csv	{Click}	Input

⌚ 22   Go to Financial Instruments		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA - Financial Instruments		
■ Financial Instruments	True	Verify

⌚ 23   View the record in Financial Instruments		
⌚ Financial Instruments Description first row		
■ PROVA-E-T-CE-0	Financial Instrument	Buffer
⌚ Financial Instruments Table buttons		
■ View this record	X	Input
⌚ Financial Instruments Description value		
■ Description	{b[Financial Instrument]}	Verify
⌚ Financial Instruments exit view		
■ Return	{Click}	Input

⌚ 24   Modify Financial Instruments		
⌚ TBox Set Buffer		

<input type="checkbox"/> Description	{cp[Description]}	Input
<input type="checkbox"/> Price	{cp[Price]}	Input
<input type="checkbox"/> ClassType	{cp[ClassType]}	Input
<input checked="" type="checkbox"/> Financial Instruments Table buttons		
<input type="checkbox"/> Change this record	X	Input
<input checked="" type="checkbox"/> Modify Financial Instruments		
<input type="checkbox"/> Description :	{B[Description]}	Input
<input type="checkbox"/> Class type :	{B[ClassType]}	Input
<input type="checkbox"/> Asset class ID :	{cp[AssetclassID]}	Input
<input type="checkbox"/> Risk factor %:	{Cp[Riskfactor]}	Input
<input type="checkbox"/> Price :	{B[Price]}	Input
<input type="checkbox"/> CFI code :	{Cp[CFIcode]}	Input
<input type="checkbox"/> Buy-in offset :	{Cp[Buyinoffset]}	Input
<input type="checkbox"/> Cash settlement offset :	{Cp[Cashsettlementoffset]}	Input
<input type="checkbox"/> Multiplier :	{Cp[Multiplier]}	Input
<input type="checkbox"/> Change	X	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	2000	Input
<input checked="" type="checkbox"/> Financial Instruments Description first row		
<input type="checkbox"/> PROVA-E-T-CE-0	{B[Description]}	Verify
<input type="checkbox"/> 12,00	{B[Price]}	Verify
<input type="checkbox"/> Equity	{cp[ClassType]}	Verify

## 25 | Add Financial Instruments

<input checked="" type="checkbox"/> TBox Set Buffer		
<input type="checkbox"/> Description	{cp[Description]}	Input
<input type="checkbox"/> Price	{cp[Price]}	Input
<input type="checkbox"/> ClassType	{cp[ClassType]}	Input
<input type="checkbox"/> ISIN	{cp[ISIN]}	Input
<input checked="" type="checkbox"/> Financial Instruments Table buttons		
<input type="checkbox"/> BUTTON	X	Input
<input checked="" type="checkbox"/> AddFinancial Instruments		
<input type="checkbox"/> ISIN :	{B[ISIN]}	Input
<input type="checkbox"/> Description :	{b[Description]}	Input
<input type="checkbox"/> Market :	{cp[Market]}	Input
<input type="checkbox"/> Currency:	{cp[Currency]}	Input
<input type="checkbox"/> Class type :	{b[ClassType]}	Input
<input type="checkbox"/> Asset class ID :	{cp[AssetclassID]}	Input
<input type="checkbox"/> Segment :	{cp[Segment]}	Input
<input type="checkbox"/> Risk factor %:	{Cp[Riskfactor]}	Input
<input type="checkbox"/> Price :	{b[Price]}	Input
<input type="checkbox"/> CFI code :	{Cp[CFIcode]}	Input
<input type="checkbox"/> Tradable:	{cp[Tradable]}	Input
<input type="checkbox"/> Buy-in offset :	{Cp[Buyinoffset]}	Input

■ Cash settlement offset :	{Cp[Cashsettlementoffset]}	Input
■ Multiplier :	{Cp[Multiplier]}	Input
■ Liquidity :	{cp[Liquidity]}	Input
■ Subscription right :	{cp[Subscriptionright]}	Input
■ Add	X	Input
⌚ TBox Wait		
■ Duration	2000	Input
⌚ Financial Instruments Description first row		
■ PROVA-E-T-CE-0	{B[Description]}	Verify
■ 12,00	{B[Price]}	Verify
■ Equity	{cp[ClassType]}	Verify
⌚ Delete filter		
■ Class ID-L11	{Click}	Input

## ⌚ 26 | Export Financial Instruments

⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA - ParticipantPage		
■ ;	{Click}	Input
⌚ Financial Instruments export		
■ Export to Csv	{Click}	Input
⌚ Apertura di 92670222CPAMBR01V_20190605_09_51_IT.csv		
■ OK	{Click}	Input
■ Save	{Click}	Input
■ OK	{Click}	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

## ⌚ 27 | Go to and download Corporate Action Diary

⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Click ,		
■ ,	{Click}	Input
⌚ Export to csv		
■ Export to Csv	{Click}	Input
⌚ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input
■ OK	{Click}	Input

## ⌚ 28 | Go to Asset Type Defaults and Add new

⌚ Click on Menu		
-----------------	--	--

<input type="checkbox"/> MENU	{Click}	Input
<input checked="" type="checkbox"/> Main page Asset Type Defaults		
<input type="checkbox"/> Add	{Click}	Input
<input checked="" type="checkbox"/> Liquid Asset Type Defaults		
<input type="checkbox"/> ASSET CLASS ID :	{Cp[ASSETCLASSID]}	Input
<input type="checkbox"/> SEGMENT CLASS:	{Cp[SEGMENTCLASS]}	Input
<input type="checkbox"/> LIQUIDITY :	Liquid instrument	Input
<input type="checkbox"/> ASSET CLASS DESCRIPTION :	{Cp[ASSETCLASSDESCRIPTION]}	Input
<input type="checkbox"/> DEFAULT SETTLEMENT PERIOD :	2	Input
<input type="checkbox"/> DEFAULT END OF VALIDITY PERIOD :	5	Input
<input type="checkbox"/> DEFAULT BUY-IN OFFSET :	0	Input
<input type="checkbox"/> DEFAULT CASH SETTLEMENT OFFSET :	0	Input
<input type="checkbox"/> DEFAULT RF :	0,100	Input
<input type="checkbox"/> MINIMUM RF :	0,100	Input
<input type="checkbox"/> MAXIMUM RF :	0,100	Input
<input type="checkbox"/> PROCESSABLE :	NO	Input
<input type="checkbox"/> Add	{Click}	Input

### 29 | Download Asset Type Defaults

<input checked="" type="checkbox"/> Click on Menu		
<input type="checkbox"/> MENU	{Click}	Input
<input checked="" type="checkbox"/> Click ,		
<input type="checkbox"/> ,	{Click}	Input
<input checked="" type="checkbox"/> Export to Csv		
<input type="checkbox"/> Export to Csv	{Click}	Input
<input checked="" type="checkbox"/> Save excel		
<input type="checkbox"/> 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
<input type="checkbox"/> ComboBox	Microsoft Excel 2010 (default)	Input
<input type="checkbox"/> Save	{Click}	Input
<input type="checkbox"/> OK	{Click}	Input
<input checked="" type="checkbox"/> TBox Delete File		
<input type="checkbox"/> Directory	{cp[PathCSV]}	Input
<input type="checkbox"/> File	{b[csvName]}	Input

### 30 | Check and delete Asset Type Defaults

<input checked="" type="checkbox"/> Main page Asset Type Defaults		
<input type="checkbox"/> View this record	{Click}	Input
<input checked="" type="checkbox"/> TT AUSTRIA - Asset Type Defaults		
<input type="checkbox"/> ASSET CLASS ID :	{cp[ASSETCLASSID]}	Verify
<input type="checkbox"/> ASSET CLASS DESCRIPTION :	{cp[ASSETCLASSDESCRIPTION]}	Verify
<input type="checkbox"/> Return	{Click}	Input
<input checked="" type="checkbox"/> Main page Asset Type Defaults		
<input type="checkbox"/> Delete this record	{Click}	Input
<input checked="" type="checkbox"/> TT AUSTRIA - Asset Type Defaults		

<input type="checkbox"/> Delete	{Click}	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input checked="" type="checkbox"/> TT AUSTRIA - Asset Type Defaults		
<input type="checkbox"/> Delete	{Click}	Input

### C 31 | Export Foreign Exchange Rate

<input checked="" type="checkbox"/> Click on Menu		
<input type="checkbox"/> MENU	{Click}	Input
<input checked="" type="checkbox"/> TT AUSTRIA - ParticipantPage		
<input type="checkbox"/> ;	{Click}	Input
<input checked="" type="checkbox"/> Foreign Exchange Rates export to csvs		
<input type="checkbox"/> Export to Csv	{Click}	Input
<input checked="" type="checkbox"/> Apertura di 92670222CPAMBR01V_20190605_09_51_IT.csv		
<input type="checkbox"/> ComboBox	Microsoft Excel (predefinita)	Input
<input type="checkbox"/> Save	{Click}	Input
<input type="checkbox"/> OK	{Click}	Input

### C 32 | Delete Position

<input type="checkbox"/> GotoPosition		
<input checked="" type="checkbox"/> Click on Menu		
<input type="checkbox"/> MENU	{Click}	Input
<input checked="" type="checkbox"/> TT AUSTRIA - Position		
<input type="checkbox"/> ACCOUNT CATEGORY	{CLICK}	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	1000	Input
<input checked="" type="checkbox"/> TBox Send Keys		
<input type="checkbox"/> Caption	{CP[Model_Title]}*	Input
<input type="checkbox"/> Keys	participant code	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	1000	Input
<input checked="" type="checkbox"/> TBox Send Keys		
<input type="checkbox"/> Caption	{CP[Model_Title]}*	Input
<input type="checkbox"/> Keys	"{ENTER}"	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input checked="" type="checkbox"/> TT AUSTRIA - Position		
<input type="checkbox"/> filtervalue	{CP[MemberCodeWICS]}	Input
<input type="checkbox"/> +	{Click}	Input
<input type="checkbox"/> Delete this record	{Click}	Input
<input checked="" type="checkbox"/> Delete button		
<input type="checkbox"/> Delete	{Click}	Input

### C 33 | Delete Collateral

⌚ Click on Menu			
■ MENU	{Click}		Input
⌚ Lateral Menu			
■ Financial Positions	{Click}		Input
⌚ TBox Wait			
■ Duration	2000		Input
⌚ TT AUSTRIA - Participant			
■ filtervalue	CO-{CP[MemberCodeWICS]}-1		Input
■ +	{Click}		Input
⌚ TT AUSTRIA - Action Collateral			
■ Delete this record	{Click}		Input
⌚ Delete button			
■ Delete	{Click}		Input

#### ⌚ 34 | Delete DFPParticipant

⌚ Click on Menu			
■ MENU	{Click}		Input
⌚ Close financial positions			
■ Financial Positions	{Click}		Input
⌚ TBox Wait			
■ Duration	1000		Input
⌚ TT AUSTRIA - Filter			
■ filtervalue	CO-{CP[MemberCodeWICS]}-2		Input
■ +	{Click}		Input
⌚ Default Fund Participant action			
■ Delete this record	{Click}		Input
⌚ Delete button			
■ Delete	{Click}		Input

#### ⌚ 35 | Delete Settlement

⌚ Click on Menu			
■ MENU	{Click}		Input
⌚ TT AUSTRIA - Filter			
■ filtervalue	SA-{CP[MemberCodeWICS]}		Input
■ +	{Click}		Input
⌚ Settlement action			
■ Delete this record	{Click}		Input
⌚ Delete button			
■ Delete	{Click}		Input

#### ⌚ 36 | Delete Participant

⌚ Click on Menu			
■ MENU	{Click}		Input
⌚ TBox Wait			
■ Duration	500		Input

⌚ TT AUSTRIA - ParticipantPage		
■ filtervalue	{CP[MemberCodeWICS]}	Input
■ +	{Click}	Input
⌚ TT AUSTRIA - action PARTICIPANT		
■ Delete this record	{Click}	Input
⌚ Delete button		
■ Delete	{Click}	Input

### C 37 | Delete Default Fund

⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Lateral Menu		
■ Default Fund	{Click}	Input
⌚ TT AUSTRIA - Default Fund Participant		
■ filtervalue	TESTAUTOM	Input
■ +	{Click}	Input
⌚ delete Default Fund		
■ Delete this record	{Click}	Input
⌚ delete Default Fund_1		
■ Delete	{Click}	Input

### C 38 | Logout and Close Browser

⌚ User Button		
■ User button	{Click}	Input
⌚ TBox Wait		
■ Duration	250	Input
⌚ Logoff button		
■ Log Out	{Click}	Input
⌚ TBox Window Operation		
■ Caption	{CP[Model_Title]}*	Input
■ Operation	Close	Input

### C 01 | Add Trade

■ 01   Close Browser		
■ 02   Login		
⌚ OpenUrl		
■ Url	{cp[URL_Wics]}	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	{Click}	Input
⌚ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ GoTo		

⌚ Click on Menu		
■ MENU	{Click}	Input
■ Trade 1		
⌚ TT AUSTRIA - Trade		
■ Add	{Click}	Input
■ Trade Details		
⌚ Trade_parts_isin		
■ Exchange Id :	EAE	Input
■ Trade code suffix :	asd	Input
■ Trade generation date :	{DATE[::][yyyyMMdd]}	Input
■ Trade generation time :	070000	Input
■ Trade number :	{b[Tradenumbers]}	Input
■ ISIN	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	{CP[ISIN_WICS]}	Input
⌚ TBox Wait		
■ Duration	1500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Trade_parts_isin		
■ Trade quantity :	{RND[1]}	Input
■ Trade price :	{RND[1]}	Input
■ Trade quantity :	tradeQuantity	Buffer
■ Trade price :	tradePrice	Buffer
⌚ TBox Set Buffer		
■ marketValue	{MATH[{B[tradeQuantity]}*{B[tradePrice]}]}	Input
⌚ Trade_parts_isin		
■ Market value :	{B[marketValue]},00	Verify
■ Settlement Details		
⌚ Trade_parts_ACC SELL		
■ Settlement amount :	{B[marketValue]},00	Verify
■ Account sell	{CLICK}	Input
■ Buy mbr Details		
⌚ Trade_parts_ACC BUY		
■ Buy Trading member	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		

■ Caption	TT*	Input
■ Keys	{cp[AccBuy]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	Input	
⌚ TBox Wait		
■ Duration	500	Input
⌚ Trade_parts_ACC BUY		
■ Account buy	{CLICK}{DOWN}{ENTER}	Input
■ Buy quantity :	3	Input
■ Sell mdb Details		
⌚ Trade_parts_ACC SELL		
■ Sell tradin Member	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	{cp[AccSell]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	{ENTER}	Input
⌚ Trade_parts_ACC SELL		
■ Account sell	{CLICK}{DOWN}{ENTER}	Input
■ Sell quantity :	3	Input
⌚ Add Trade		
■ Add	{Click}	Input
⌚ Wait for the approval		
■ IMG	True	Verify
⌚ TBox Set Buffer		
■ Tradenumber	{Math[{b[Tradenumber]}+1]}	Input
■ Trade 2		
⌚ Main paga Trade		
■ TABLE	{NULL}	Select
■ #1	{NULL}	Select
■ #6	{CLICK}	Input
■ #1	{NULL}	Select
■ #6	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Main paga Trade		

■ CPATRANW10_grid	{NULL}	Select
■ #2	{NULL}	Select
■ #6	Tradenumber	Buffer
⌚ TBox Set Buffer		
■ Tradenumber	{Math[{b[Tradenumber]}+1]}	Input
⌚ TT AUSTRIA - Trade		
■ Add	{Click}	Input
■ Trade Details		
⌚ Trade_parts_isin		
■ Exchange Id :	EAE	Input
■ Trade code suffix :	asd	Input
■ Trade generation date :	{DATE[][],[yyyyMMdd]}	Input
■ Trade generation time :	070000	Input
■ Trade number :	{b[Tradenumber]}	Input
■ ISIN	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	{CP[ISIN_WICS]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Trade_parts_isin		
■ Trade quantity :	{RND[1]}	Input
■ Trade price :	{RND[1]}	Input
■ Trade quantity :	tradeQuantity	Buffer
■ Trade price :	tradePrice	Buffer
⌚ TBox Set Buffer		
■ marketValue	{MATH[{B[tradeQuantity]}*{B[tradePrice]}]}	Input
⌚ Trade_parts_isin		
■ Market value :	{B[marketValue]},00	Verify
■ Settlement Details		
⌚ Trade_parts_ACC SELL		
■ Settlement amount :	{B[marketValue]},00	Verify
■ Account sell	{CLICK}	Input
■ Buy mbr Details		
⌚ Trade_parts_ACC BUY		
■ Buy Trading member	{CLICK}	Input
⌚ TBox Wait		

■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	{cp[AccBuy]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Trade_parts_ACC BUY		
■ Account buy	{CLICK}{DOWN}{ENTER}	Input
■ Buy quantity :	3	Input
■ Sell mdb Details		
⌚ Trade_parts_ACC SELL		
■ Sell tradin Member	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	{cp[AccSell]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ Trade_parts_ACC SELL		
■ Account sell	{CLICK}{DOWN}{ENTER}	Input
■ Sell quantity :	3	Input
⌚ Add Trade		
■ Add	{Click}	Input
⌚ Wait for the approval		
■ IMG	True	Verify
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

## ⌚ 02 | Trade export to CSV and Column Check

■ GoTo		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ Filter Check		
⌚ Columns count		

■ CPATRANW10_grid	{NULL}	Select
■ #2	{NULL}	Select
■ #2	Exchange	Buffer
■ #6	{NULL}	Select
■ #2	TradeNumber	Buffer
⌚ Filter Exchange		
■ FILTER	Exchange id	Input
■ filtervalue	{b[Exchange]}	Input
■ +	{Click}	Input
⌚ Filter TradeNumber		
■ FILTER	Trade number	Input
■ filtervalue	{b[TradeNumber]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Click ,		
■ ,	{Click}	Input
⌚ Export to Csv		
■ Export to Csv	{Click}	Input
⌚ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input
■ OK	{Click}	Input
⌚ TBox DB Open Connection		
■ Connection name	DB_CCBA	Input
■ DSN	DB_CCBA	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	SELECT * FROM [{b[csvName]}]	Input
■ Result Table	{NULL}	Select
■ #1	{NULL}	Select
■ #2	{b[Exchange]}	Verify
■ #4	{NULL}	Select
■ #2	{b[TradeNumber]}	Verify
⌚ TBox DB Close Connection		
■ Connection name	DB_CCBA	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input
■ Columns check		
⌚ Columns count		
■ TABLE	Colomnnum	Buffer
⌚ TBox Set Buffer		
■ Column	1	Input

■ Controllo ordinamento colonne			
⌚ TBox Set Buffer			
■ Column	{MATH[{{b[Column]}+1}]}		Input
⌚ Columns Click			
■ TABLE	{NULL}		Select
■ #{b[Column]}	{NULL}		Select
■ #1	{CLICK}		Input
⌚ TBox Wait			
■ Duration	500		Input
⌚ check existance			
■ CPATRANW10_grid	{NULL}		Select
■ #{b[Column]}	{NULL}		Select
■ #2	True		Verify

### ⌚ 03 | Transfer Position and check

■ Goto			
⌚ Click on Menu			
■ MENU	{Click}		Input
⌚ Click ,			
■ ,	{Click}		Input
⌚ Export to Csv			
■ Export to Csv	{Click}		Input
⌚ Save excel			
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName		Buffer
■ ComboBox	Microsoft Excel 2010 (default)		Input
■ Save	{Click}		Input
■ OK	{Click}		Input
⌚ Filter for isin			
■ FILTER	ISIN		Input
■ filtervalue	{CP[ISIN_WICS]}		Input
■ +	X		Input
⌚ Select all the position on automatio01			
■ on	{CLICK}		Input
⌚ Position Account Items			
■ Transfer Position	{CLICK}		Input
⌚ Search Position Account for transfer			
■ Search bar pos acc	{CLICK}		Input
⌚ TBox Wait			
■ Duration	500		Input
⌚ TBox Send Keys			
■ Caption	TT*		Input
■ Keys	"{ENTER}"		Input
⌚ Search Position Account for transfer			
■ Add	X		Input

⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Select ,		
■ ,	{Click}	Input
⌚ Export to Csv		
■ Export to Csv	{Click}	Input
⌚ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input
■ OK	{Click}	Input
⌚ Position transfer status grid check and execute button		
■ Position Transfer Execute	{Click}	Input
⌚ Confirm position transfer		
■ OK	{Click}	Input
⌚ TBox Wait		
■ Duration	2000	Input
⌚ Transfer complete confirm		
■ SPAN	{CLICK}	Input
⌚ TBox Wait		
■ Duration	1000	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{F5}"	Input
⌚ Header Table for Transfer		
■ TABLE	{NULL}	Select
■ \$header	{NULL}	Select
■ EXECUTION DATETIME	{CLICK}	Input
■ \$header	{NULL}	Select
■ EXECUTION DATETIME	{CLICK}	Input
⌚ TBox Wait		
■ Duration	25000	Input
⌚ TT AUSTRIA - Position Transfer Status		
■ CPAPTRW010_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$10	P	Verify
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

#### ⌚ 04 | Transfer Position and download csv and Column check

■ Go To		
⌚ Click on Menu		
■ MENU	{Click}	Input

Filter Check		
Filter buffering		
CPAPTRW010_grid	{NULL}	Select
#2	{NULL}	Select
#3	ID	Buffer
#4	Deliver	Buffer
TBox Wait		
Duration	500	Input
Adding filter		
FILTER	ID	Input
filtervalue	{b[ID]}	Input
+	{Click}	Input
Adding filter 2		
FILTER	POSITION ACCOUNT DELIVER	Input
filtervalue	{b[Deliver]}	Input
+	{Click}	Input
CPAPTRW010_grid	{NULL}	Select
#2	{NULL}	Select
#3	ID	Buffer
#4	Deliver	Buffer
Select ,		
,	{Click}	Input
Export CSV		
Export to Csv	{Click}	Input
Save excel		
21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
ComboBox	Microsoft Excel 2010 (default)	Input
Save	{Click}	Input
OK	{Click}	Input
TBox DB Open Connection		
Connection name	DB_CCPA	Input
DSN	DB_CCPA	Input
TBox DB Run SQL Statement		
SQL Statement	SELECT * FROM [{b[csvName]}]	Input
Result Table	{NULL}	Select
#1	{NULL}	Select
#2	{b[ID]}	Verify
#2	{NULL}	Select
#2	{b[Deliver]}	Verify
TBox DB Close Connection		
Connection name	DB_CCPA	Input
TBox Delete File		
Directory	{cp[PathCSV]}	Input
File	{b[csvName]}	Input

Columns check			
Columns count			
TABLE	Colomnum		Buffer
TBox Set Buffer			
Column	1		Input
Controllo ordinamento colonne			
TBox Set Buffer			
Column	{MATH[{b[Column]}+1]}		Input
Columns Click			
TABLE	{NULL}		Select
#{b[Column]}	{NULL}		Select
#1	{CLICK}		Input
TBox Wait			
Duration	500		Input
check existance			
CPAPTRW010_grid	{NULL}		Select
#{b[Column]}	{NULL}		Select
#2	True		Verify

## 05 | Massive Transfer and check

Click on Menu			
MENU	{Click}		Input
Massive Transfer Position Transfer Status			
Massive Transfer	{Click}		Input
TT AUSTRIA - Massive Transfer			
SPAN	{CLICK}		Input
TBox Wait			
Duration	500		Input
TBox Send Keys			
Caption	TT*		Input
Keys	{cp[AccBuy]}		Input
TBox Wait			
Duration	500		Input
TBox Send Keys			
Caption	TT*		Input
Keys	"{ENTER}"		Input
TT AUSTRIA - Massive Transfer			
SPAN	{CLICK}		Input
TBox Wait			
Duration	500		Input
TBox Send Keys			
Caption	TT*		Input
Keys	{cp[AccSell]}		Input
TBox Wait			

Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - Massive Transfer		
■ Add	{CLICK}	Input
⌚ Header Table for Transfer		
■ TABLE	{NULL}	Select
■ \$header	{NULL}	Select
■ EXECUTION DATETIME	{CLICK}	Input
■ \$header	{NULL}	Select
■ EXECUTION DATETIME	{CLICK}	Input
⌚ TT AUSTRIA - Position Transfer Status		
■ CPAPTRW010_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$10	P	Verify

## ⌚ 06 | Liquidate Position and download Liquidated Position History

⌚ Click on Menu		
■ MENU	{Click}	Input
■ <New Folder>		
⌚ Filter for one position		
■ FILTER	ISIN	Input
■ filtervalue	{CP[ISIN_WICS]}	Input
■ +	{Click}	Input
■ <New Folder>		
⌚ Filter for one position		
■ FILTER	Trade date	Input
■ filtervalue	{DATE[]][yyyy-MM-dd]}	Input
■ +	{Click}	Input
⌚ TT AUSTRIA - Position Account Items		
■ CPAMGNPW10_grid	{NULL}	Select
■ #2	{NULL}	Select
■ #3	PositionID	Buffer
■ #3	{NULL}	Select
■ #3	PositionID2	Buffer
⌚ Select all the position on automatio01		
■ on	{CLICK}	Input
⌚ Liquidate positions		
■ Liquidate Position	{Click}	Input
⌚ Add Liquidation		
■ Add	{Click}	Input
⌚ Click on Menu		
■ MENU	{Click}	Input

⌚ Select ,		
█ ,	{Click}	Input
⌚ Export to Csv		
█ Export to Csv	{Click}	Input
⌚ Save excel		
█ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
█ ComboBox	Microsoft Excel 2010 (default)	Input
█ Save	{Click}	Input
█ OK	{Click}	Input
⌚ HEADER Liquidated Position History		
█ header	{NULL}	Select
█ \$header	{NULL}	Select
█ #9	{CLICK}	Input
█ \$header	{NULL}	Select
█ #9	{CLICK}	Input
⌚ Liquidated Position History grid		
█ CPAOSLW10_grid	{NULL}	Select
█ \$1	{NULL}	Select
█ \$5	{DATE[]][yyyy-MM-dd]}	Verify
█ \$7	{CP[ISIN_WICS]}	Verify
█ \$2	{b[PositionID2]}	Verify
█ \$2	{NULL}	Select
█ \$5	{DATE[]][yyyy-MM-dd]}	Verify
█ \$7	{CP[ISIN_WICS]}	Verify
█ \$2	{b[PositionID]}	Verify
⌚ TBox Delete File		
█ Directory	{cp[PathCSV]}	Input
█ File	{b[csvName]}	Input

## ⌚ 07 | Liquidated Position History Column check

⌚ Click on Menu		
█ MENU	{Click}	Input
⌚ Columns check		
⌚ HEADER Liquidated Position History		
█ TABLE	Colomnnum	Buffer
⌚ TBox Set Buffer		
█ Column	1	Input
⌚ Controllo ordinamento colonne		
⌚ TBox Set Buffer		
█ Column	{MATH[{b[Column]}+1]}	Input
⌚ HEADER Liquidated Position History		
█ header	{NULL}	Select
█ #{b[Column]}	{NULL}	Select
█ #1	{CLICK}	Input

⌚ TBox Wait			
■ Duration	500		Input
⌚ Liquidated Position History grid			
■ CPAPOSLW10_grid	{NULL}		Select
■ #{b[Column]}	{NULL}		Select
■ #1	True		Verify

### C 08 | Release from Settlement and download Cancelled Instruction History

■ Goto		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Locked filter		
■ ww_fSETTLELOCK	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	Locked	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ Trade Date 1		
■ Trade date	{CLICK}	Input
⌚ Trade Date 2		
■ Trade date	{CLICK}	Input
⌚ TBox Wait		
■ Duration	1000	Input
⌚ Select first rox		
■ CPAMGNPW10_grid	{NULL}	Select
■ #2	{NULL}	Select
■ #15	Settlement Ref	Buffer
⌚ Select row position account items		
■ CPAMGNPW10_grid	{NULL}	Select
■ #2	{NULL}	Select
■ on	{CLICK}	Input
⌚ TBox Wait		
■ Duration	1000	Input
⌚ Realese from settlement		
■ Release from Settlement	{Click}	Input
⌚ TT AUSTRIA - Position Account Items		
■ Add	{Click}	Input
⌚ Click on Menu		

■ MENU	{Click}	Input
■ Goto		
⌚ click ,		
■ ,	{Click}	Input
⌚ Export to Csv		
■ Export to Csv	{Click}	Input
⌚ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input
■ OK	{Click}	Input
⌚ select filter		
■ Sender Message Ref	{CLICK}	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	Sender Message Ref	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{enter}"	Input
⌚ Cancelled Instruction History		
■ filtervalue	{b[Settlement Ref]}\{ENTER}	Input
⌚ Cancelled Instruction History		
■ +	{Click}	Input
⌚ TBox Wait_1		
■ Duration	500	Input
⌚ Verify value		
■ CPAOSDW10_grid	{NULL}	Select
■ #2	{NULL}	Select
■ #10	{b[Settlement Ref]}	Verify
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

### ⌚ 09 | Cancelled Instruction History Column check

■ Goto		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ Columns check		
⌚ Cancelled Instruction History		
■ TABLE	Colomnnum	Buffer
⌚ TBox Set Buffer		
■ Column	1	Input

■ Controllo ordinamento colonne			
⌚ TBox Set Buffer			
■ Column	{MATH[{\{b[Column]\}}+1]}		Input
⌚ Cancelled Instruction History			
■ TABLE	{NULL}		Select
■ #{{b[Column]}}	{NULL}		Select
■ #1	{CLICK}		Input
⌚ TBox Wait			
■ Duration	500		Input
⌚ Cancelled Instruction History			
■ CPAOSDW10_grid	{NULL}		Select
■ #{{b[Column]}}	{NULL}		Select
■ #2	True		Verify

#### C 10 | Position Amendment History and download Position Amendment History

■ Goto			
⌚ Click on Menu			
■ MENU	{Click}		Input
⌚ Locked filter			
■ ww_fSETTLELOCK	{CLICK}		Input
⌚ TBox Wait			
■ Duration	500		Input
⌚ TBox Send Keys			
■ Caption	TT*		Input
■ Keys	Free		Input
⌚ TBox Wait			
■ Duration	500		Input
⌚ TBox Send Keys			
■ Caption	TT*		Input
■ Keys	"{ENTER}"		Input
⌚ Trade Date 1			
■ Trade date	{CLICK}		Input
⌚ Trade Date 2			
■ Trade date	{CLICK}		Input
⌚ TBox Wait			
■ Duration	500		Input
⌚ Select first row			
■ CPAMGNPW10_grid	{NULL}		Select
■ #2	{NULL}		Select
■ #3	Position ID		Buffer
⌚ Modify Position Account Items			
■ Change this record	{Click}		Input
⌚ Modifying position account items			
■ Unsettled QTY :	{Cp[ChangedValue]}		Input

Original QTY :	{Cp[ChangedValue]}	Input
Corporate action fraction :	{Cp[ChangedValue]}	Input
Unsettled CTV :	{Cp[ChangedValue]}	Input
Original CTV :	{Cp[ChangedValue]}	Input
Accrued interest :	{Cp[ChangedValue]}	Input
Change	{Click}	Input
Click on Menu		
MENU	{Click}	Input
Goto		
Click ,		
,	{Click}	Input
Export to csv		
Export to Csv	{Click}	Input
Save excel		
21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
ComboBox	Microsoft Excel 2010 (default)	Input
Save	{Click}	Input
OK	{Click}	Input
Filter Position Amendment History		
FILTER	{CLICK}	Input
TBox Send Keys		
Caption	TT*	Input
Keys	Position Id	Input
TBox Wait		
Duration	500	Input
TBox Send Keys		
Caption	TT*	Input
Keys	"{ENTER}"	Input
Filter Position Amendment History_1		
filtervalue	{b[Position ID]}	Input
+	{Click}	Input
View this record	{Click}	Input
reorder Position Amendment History		
Execution time	{CLICK}	Input
reorder Position Amendment History		
Execution time	{CLICK}	Input
TBox Wait		
Duration	500	Input
Show Position Amendment History		
SPAN	{Cp[ChangedValue]}	Verify

■ SPAN	{Cp[ChangedValue]}	Verify
■ Return	{Click}	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

## 11 | Position Amendment History Column check

■ Goto		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ Columns check		
⌚ Header and table Position Amendment History		
■ TABLE	Colomnnum	Buffer
⌚ TBox Set Buffer		
■ Column	1	Input
■ Controllo ordinamento colonne		
⌚ TBox Set Buffer		
■ Column	{MATH[{b[Column]}+1]}	Input
⌚ Header and table Position Amendment History		
■ TABLE	{NULL}	Select
■ #{b[Column]}	{NULL}	Select
■ #1	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Header and table Position Amendment History		
■ CPAPOS AW10_grid	{NULL}	Select
■ #{b[Column]}	{NULL}	Select
■ #2	True	Verify

## 12 | Settlement Instructing and download Settlement Account Items and Column check

■ Goto		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Click ,		
■ ,	{Click}	Input
⌚ Export to Csv		
■ Export to Csv	{Click}	Input
⌚ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input
■ OK	{Click}	Input
⌚ TBox DB Open Connection		
■ Connection name	DB_CCPA	Input

■ DSN	DB_CCBA	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	SELECT COUNT(*) FROM [{b[csvName]}] Where [Settlement status]='UNSE'	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #1	Row	Buffer
⌚ TBox DB Close Connection		
■ Connection name	DB_CCBA	Input
⌚ Header and table Settlement Account Items		
■ TABLE	{NULL}	Select
■ #1	{NULL}	Select
■ #13	{CLICK}	Input
■ #1	{NULL}	Select
■ #13	{CLICK}	Input
⌚ Click on Menu		
■ MENU	{Click}	Input
■ Goto		
⌚ Locked filter		
■ ww_fSETTLELOCK	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	Free	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ Select first record		
■ CPAMGNPW10_grid	{NULL}	Select
■ #2	{NULL}	Select
■ #1	{CLICK}	Input
■ #3	Position ID	Buffer
⌚ Realese from settlement		
■ Settlement Instructing	{Click}	Input
⌚ Add settlement instructing		
■ Add	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Locked filter		
■ ww_fSETTLELOCK	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input

⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	All	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ Position id Filter		
■ Filter	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	Position ID	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ Position id		
■ filtervalue	{b[Position ID]}	Input
■ +	{Click}	Input
⌚ View and change Position Account Items		
■ View this record	{Click}	Input
⌚ View Position Account Items		
■ Settlement lock :	L	Verify
⌚ View Position Account Items_1		
■ Return	{Click}	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

### ⌚ 13 | Settlement Account Items and Column check

■ Goto		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ Filter Check		
⌚ Header and table Settlement Account Items		
■ CPASETPW10_grid	{NULL}	Select
■ #2	{NULL}	Select
■ #2	PosID	Buffer
■ #3	SetAccountID	Buffer
⌚ TBox Wait		

■ Duration	500	Input
⌚ Filter 1		
■ FILTER	Settlement position ID	Input
■ filtervalue	{b[PosID]}	Input
■ +	{Click}	Input
⌚ Filter 2		
■ FILTER	Settlement account ID	Input
■ filtervalue	{b[SetAccountID]}	Input
■ +	{Click}	Input
⌚ select ,		
■ ,	{Click}	Input
⌚ Export to CVS		
■ Export to Csv	{Click}	Input
⌚ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input
■ OK	{Click}	Input
⌚ TBox DB Open Connection		
■ Connection name	DB_CCBA	Input
■ DSN	DB_CCBA	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	SELECT * FROM [{b[csvName]}]	Input
■ Result Table	{NULL}	Select
■ #1	{NULL}	Select
■ #2	{b[PosID]}	Verify
■ #2	{NULL}	Select
■ #2	{b[SetAccountID]}	Verify
⌚ TBox DB Close Connection		
■ Connection name	DB_CCBA	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input
■ Columns check		
⌚ Header and table Settlement Account Items		
■ TABLE	Colomnum	Buffer
⌚ TBox Set Buffer		
■ Column	1	Input
■ Controllo ordinamento colonne		
⌚ TBox Set Buffer		
■ Column	{MATH[{b[Column]}+1]}	Input
⌚ Header and table Settlement Account Items		
■ TABLE	{NULL}	Select
■ #{b[Column]}	{NULL}	Select

 #1	{CLICK}	Input
 TBox Wait		
 Duration	500	Input
 Header and table Settlement Account Items		
 CPASETPW10_grid	{NULL}	Select
 #{b[Column]}	{NULL}	Select
 #2	True	Verify

## 01 | Add and verify Collateral Balance Items

 GoTo		
 Click on Menu		
 MENU	{Click}	Input
 Deposit - Cash		
 Add Collateral Balance Items		
 Add	{Click}	Input
 Account choice Collateral Balance Items		
 COLLATERAL ACCOUNT ID :	{CLICK}	Input
 TBox Wait		
 Duration	500	Input
 Collateral account id		
 Keys	{cp[COLLATERALACCOUNTID]}	Input
 TBox Wait		
 Duration	500	Input
 Enter		
 Keys	"{ENTER}"	Input
 Account choice Collateral Balance Items		
 EXT COLLATERAL ACCOUNT ID :	{CLICK}	Input
 TBox Wait		
 Duration	500	Input
 Ext Collateral Account id		
 Keys	{cp[EXTCOLLATERALACCOUNTID1]}	Input
 TBox Wait		
 Duration	500	Input
 Enter		
 Keys	"{ENTER}"	Input
 DEPOSIT / WITHDRAWAL Collateral Balance Items		
 DEPOSIT / WITHDRAWAL :	{CLICK}	Input
 TBox Wait		
 Duration	500	Input
 Deposit		
 Keys	Deposit	Input
 TBox Wait		
 Duration	500	Input
 Enter		

■ Keys	"{ENTER}"	Input
⌚ Add values Collateral Balance Items		
■ BALANCE - MTM :	99.99	Input
■ NOTES :	Test{DATE[][],[yyyy-MM-dd]}	Input
■ Add	{Click}	Input
■ Deposit - Security		
⌚ Add Collateral Balance Items		
■ Add	{Click}	Input
⌚ Account choice Collateral Balance Items		
■ COLLATERAL ACCOUNT ID :	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Collateral account id		
■ Keys	{cp[COLLATERALACCOUNTID]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Enter		
■ Keys	"{ENTER}"	Input
⌚ Account choice Collateral Balance Items		
■ EXT COLLATERAL ACCOUNT ID :	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Ext Collateral Account id		
■ Keys	{cp[EXTCOLLATERALACCOUNTID2]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Enter		
■ Keys	"{ENTER}"	Input
⌚ DEPOSIT / WITHDRAWAL Collateral Balance Items		
■ DEPOSIT / WITHDRAWAL :	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Enter		
■ Keys	"{ENTER}"	Input
⌚ Isin Choice		
■ Isin	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Enter		
■ Keys	{cp[ISIN_WICS]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Enter		
■ Keys	"{ENTER}"	Input

Deposit Securities - Collateral Balance Items		
■ MATURITY DATE :	{DATE[]][yyyy-MM-dd]}	Input
■ QTY :	1	Input
■ LAST PRICE :	99.55	Input
■ BALANCE - MTM :	700.32	Input
■ NOTES :	Test {DATE[]][yyyy-MM-dd]}	Input
■ Add	{Click}	Input
WITHDRAWAL - Cash		
Add Collateral Balance Items		
■ Add	{Click}	Input
Account choice Collateral Balance Items		
■ COLLATERAL ACCOUNT ID :	{CLICK}	Input
TBox Wait		
■ Duration	500	Input
Collateral account id		
■ Keys	{cp[COLLATERALACCOUNTID]}	Input
TBox Wait		
■ Duration	500	Input
Enter		
■ Keys	"{ENTER}"	Input
Account choice Collateral Balance Items		
■ EXT COLLATERAL ACCOUNT ID :	{CLICK}	Input
TBox Wait		
■ Duration	500	Input
Ext Collateral Account id		
■ Keys	{cp[EXTCOLLATERALACCOUNTID1]}	Input
TBox Wait		
■ Duration	500	Input
Enter		
■ Keys	"{ENTER}"	Input
DEPOSIT / WITHDRAWAL Collateral Balance Items		
■ DEPOSIT / WITHDRAWAL :	{CLICK}	Input
TBox Wait		
■ Duration	500	Input
Deposit		
■ Keys	WITHDRAWAL	Input
TBox Wait		
■ Duration	500	Input
Enter		
■ Keys	"{ENTER}"	Input
Add values Collateral Balance Items		
■ BALANCE - MTM :	99.99	Input
■ NOTES :	Test {DATE[]][yyyy-MM-dd]}	Input
■ Add	{Click}	Input

WITHDRAWAL - Security		
Add Collateral Balance Items		
Add	{Click}	Input
Account choice Collateral Balance Items		
COLLATERAL ACCOUNT ID :	{CLICK}	Input
TBox Wait		
Duration	500	Input
Collateral account id		
Keys	{cp[COLLATERALACCOUNTID]}	Input
TBox Wait		
Duration	500	Input
Enter		
Keys	"{ENTER}"	Input
Account choice Collateral Balance Items		
EXT COLLATERAL ACCOUNT ID :	{CLICK}	Input
TBox Wait		
Duration	500	Input
Ext Collateral Account id		
Keys	{cp[EXTCOLLATERALACCOUNTID2]}	Input
TBox Wait		
Duration	500	Input
Enter		
Keys	"{ENTER}"	Input
DEPOSIT / WITHDRAWAL Collateral Balance Items		
DEPOSIT / WITHDRAWAL :	{CLICK}	Input
TBox Wait		
Duration	500	Input
Deposit		
Keys	WITHDRAWAL	Input
TBox Wait		
Duration	500	Input
Enter		
Keys	"{ENTER}"	Input
Isin Choice		
Isin	{CLICK}	Input
TBox Wait		
Duration	500	Input
Enter		
Keys	{cp[ISIN_WICS]}	Input
TBox Wait		
Duration	500	Input
Enter		
Keys	"{ENTER}"	Input
Deposit Securities - Collateral Balance Items		

■ MATURITY DATE :	{DATE[]][yyyy-MM-dd]}	Input
■ QTY :	1	Input
■ LAST PRICE :	99.55	Input
■ BALANCE - MTM :	700.32	Input
■ NOTES :	Test {DATE[]][yyyy-MM-dd]}	Input
■ Add	{Click}	Input
■ Check		
⌚ Add Collateral Balance Items		
■ FILTER	COLLATERAL ACCOUNT	Input
■ filtervalue	{cp[COLLATERALACCOUNTID]}	Input
■ +	{Click}	Input
⌚ Add Collateral Balance Items		
■ FILTER	ISIN	Input
■ filtervalue	{cp[ISIN_WICS]}	Input
■ +	{Click}	Input
⌚ Plus button in table Collateral Balance Items		
■ TD	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Reorder table Collateral Balance Items		
■ Filter With Isin	{NULL}	Select
■ #1	{NULL}	Select
■ #17	{CLICK}	Input
■ #1	{NULL}	Select
■ #17	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Check table Collateral Balance Items		
■ Table With Isin	{NULL}	Select
■ #2	{NULL}	Select
■ #17	TEST {date[]}[yyyy-MM-dd]}	Verify
■ #3	{NULL}	Select
■ #17	TEST {date[]}[yyyy-MM-dd]}	Verify
⌚ Filters Collateral Balance Items		
■ ISIN- AT000B00253	{Click}	Input
⌚ Plus button in table Collateral Balance Items		
■ TD	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Reorder table Collateral Balance Items		
■ filter Without isin	{NULL}	Select
■ #1	{NULL}	Select
■ #17	{CLICK}	Input
■ #1	{NULL}	Select

■ #17	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Check table Collateral Balance Items		
■ Table without isin	{NULL}	Select
■ #2	{NULL}	Select
■ #17	TEST{DATE[0][yyyy-MM-dd]}	Verify
■ #3	{NULL}	Select
■ #17	TEST{DATE[0][yyyy-MM-dd]}	Verify

## ⌚ 02 | Collateral Balance Items Column check

■ GoTo		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ Columns check		
⌚ Column check Collateral Balance Items		
■ TABLE	Columnnum	Buffer
⌚ TBox Set Buffer		
■ Column	1	Input
■ Controllo ordinamento colonne		
⌚ TBox Set Buffer		
■ Column	{MATH[{b[Column]}+1]}	Input
⌚ Column check Collateral Balance Items		
■ TABLE	{NULL}	Select
■ #{b[Column]}	{NULL}	Select
■ #1	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Column check Collateral Balance Items		
■ CPADEPOW10_grid	{NULL}	Select
■ #{b[Column]}	{NULL}	Select
■ #2	True	Verify
■ Filter Check		
⌚ Column check Collateral Balance Items		
■ CPADEPOW10_grid	{NULL}	Select
■ #3	{NULL}	Select
■ #2	CollateralAccount1	Buffer
■ #3	CollateralAccount2	Buffer
■ #4	{NULL}	Select
■ #2	Currency1	Buffer
■ #3	Currency2	Buffer
⌚ Add Collateral Balance Items		
■ FILTER	COLLATERAL ACCOUNT	Input
■ filtervalue	{b[CollateralAccount1]}	Input

■ +	{Click}	Input
⌚ Add Collateral Balance Items		
■ FILTER	CURRENCY	Input
■ filtervalue	{b[Currency1]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Add Collateral Balance Items		
■ ,	{Click}	Input
⌚ Add Collateral Balance Items		
■ Export to Csv	{Click}	Input
⌚ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input
■ OK	{Click}	Input
⌚ TBox DB Open Connection		
■ Connection name	DB_CCPA	Input
■ DSN	DB_CCPA	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	SELECT * FROM [{b[csvName]}]	Input
■ Result Table	{NULL}	Select
■ #1	{NULL}	Select
■ #2	{b[CollateralAccount1]}	Verify
■ #6	{NULL}	Select
■ #2	{b[Currency1]}	Verify
⌚ TBox DB Close Connection		
■ Connection name	DB_CCPA	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

### ⌚ 03 | Export Collateral Account Transactions

■ GoTo		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Click on ;		
■ ;	{Click}	Input
⌚ Download External Collateral Account Transactions		
■ Export to Csv	{Click}	Input
⌚ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input

 OK	{Click}	Input
 TBox Delete File		
 Directory	{cp[PathCSV]}	Input
 File	{b[csvName]}	Input

#### 04 | Collateral Account Transactions Column check

 GoTo		
 Click on Menu		
 MENU	{Click}	Input
 Columns check		
 Column check External Collateral Account Transactions		
 TABLE	Colomnnum	Buffer
 TBox Set Buffer		
 Column	1	Input
 Controllo ordinamento colonne		
 TBox Set Buffer		
 Column	{MATH[{b[Column]}+1]}	Input
 Column check External Collateral Account Transactions		
 TABLE	{NULL}	Select
 #{b[Column]}	{NULL}	Select
 #1	{CLICK}	Input
 TBox Wait		
 Duration	500	Input
 Column check External Collateral Account Transactions		
 CPADEPT010_grid	{NULL}	Select
 #{b[Column]}	{NULL}	Select
 #2	True	Verify
 Filter Check		
 Column check External Collateral Account Transactions		
 CPADEPT010_grid	{NULL}	Select
 #2	{NULL}	Select
 #2	CollateralAccount	Buffer
 #3	{NULL}	Select
 #2	ExternalCollateralAccount	Buffer
 Filters External Collateral Account Transactions		
 FILTER	COLLATERAL ACCOUNT ID	Input
 filtervalue	{b[CollateralAccount]}	Input
 +	{Click}	Input
 Filters External Collateral Account Transactions		
 FILTER	EXTERNAL COLLATERAL ACCOUNT ID	Input
 filtervalue	{b[ExternalCollateralAccount]}	Input
 +	{Click}	Input

⌚ TBox Wait			
■ Duration	500		Input
⌚ Download External Collateral Account Transactions			
■ ,	{Click}		Input
⌚ Download External Collateral Account Transactions_1			
■ Export to Csv	{Click}		Input
⌚ Save excel			
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName		Buffer
■ ComboBox	Microsoft Excel 2010 (default)		Input
■ Save	{Click}		Input
■ OK	{Click}		Input
⌚ TBox DB Open Connection			
■ Connection name	DB_CCBA		Input
■ DSN	DB_CCBA		Input
⌚ TBox DB Run SQL Statement			
■ SQL Statement	SELECT * FROM [{b[csvName]}]		Input
■ Result Table	{NULL}		Select
■ #4	{NULL}		Select
■ #2	{b[CollateralAccount]}		Verify
■ #1	{NULL}		Select
■ #2	{b[ExternalCollateralAccount]}		Verify
⌚ TBox DB Close Connection			
■ Connection name	DB_CCBA		Input
⌚ TBox Delete File			
■ Directory	{cp[PathCSV]}		Input
■ File	{b[csvName]}		Input

## ⌚ 05 | Export Collateral Account Balance

■ GoTo		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Click on View		
■ View this record	{Click}	Input
⌚ Buffer the comparable values		
■ MARGIN EVALUATION DATETIME	MARGIN EVALUATION DATETIME	Buffer
■ COLLATERAL EVALUATION DATETIME	COLLATERAL EVALUATION DATETIME	Buffer
■ Return	{Click}	Input
⌚ Evaluate		
■ Expression	'{b[MARGIN EVALUATION DATETIME ]}'=='{b[COLLATERAL EVALUATION DATETIME ]}'	Verify
⌚ Click on ;		
■ ;	{Click}	Input
⌚ download Collateral Account Balance		

Export to Csv	{Click}	Input
Save excel		
21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
ComboBox	Microsoft Excel 2010 (default)	Input
Save	{Click}	Input
OK	{Click}	Input
TBox Delete File		
Directory	{cp[PathCSV]}	Input
File	{b[csvName]}	Input

## C 06 | Collateral Account Balance Column check

GoTo		
Click on Menu		
MENU	{Click}	Input
Columns check		
Column check Collateral Account Balance		
TABLE	Colomnnum	Buffer
TBox Set Buffer		
Column	1	Input
Controllo ordinamento colonne		
TBox Set Buffer		
Column	{MATH[{b[Column]}+1]}	Input
Click header		
TABLE	{NULL}	Select
#{b[Column]}	{NULL}	Select
#1	{CLICK}	Input
TBox Wait		
Duration	500	Input
check existance		
CPACOLBW10_grid	{NULL}	Select
#{b[Column]}	{NULL}	Select
#2	True	Verify
Filter Check		
Column check Collateral Account Balance		
CPACOLBW10_grid	{NULL}	Select
#2	{NULL}	Select
#2	CollateralAccountID	Buffer
#4	Currency	Buffer
TBox Wait		
Duration	500	Input
Filter 1		
FILTER	COLLATERAL ACCOUNT ID	Input
filtervalue	{b[CollateralAccountID]}	Input
+	{Click}	Input

⌚ Filter 2		
■ FILTER	CLEARING CURRENCY	Input
■ filtervalue	{b[Currency]}	Input
■ +	{Click}	Input
⌚ Download		
■ ,	{Click}	Input
■ Export to Csv	{Click}	Input
⌚ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input
■ OK	{Click}	Input
⌚ TBox DB Open Connection		
■ Connection name	DB_CCPA	Input
■ DSN	DB_CCPA	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	SELECT * FROM [{b[csvName]}]	Input
■ Result Table	{NULL}	Select
■ #1	{NULL}	Select
■ #2	{b[CollateralAccountID]}	Verify
■ #3	{NULL}	Select
■ #2	{b[Currency]}	Verify
⌚ TBox DB Close Connection		
■ Connection name	DB_CCPA	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

## ⌚ 07 | Add and verify Eligible Assets

■ GoTo		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ add Eligible Assets		
■ Add	{Click}	Input
⌚ Add Eligible Assets		
■ SPAN	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Collateral account id		
■ Keys	{cp[ISIN_Collateral]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Enter		
■ Keys	"{ENTER}"	Input

⌚ enter details		
■ DESCRIPTION :	TEST {date[][],[yyyy-MM-dd]}	Input
■ CREDIT RATING :	A	Input
■ COLLATERAL CLASS :	1	Input
■ PRICE :	99	Input
■ PRICE DATE :	{date[],[yyyy-MM-dd]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Enter		
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Add Eligible Asset click		
■ Add	{Click}	Input
⌚ Filter with isin		
■ filtervalue	{Cp[ISIN_Collateral]}	Input
■ +	{Click}	Input
⌚ View Eligible Assets		
■ View this record	{Click}	Input
⌚ Check ISIN		
■ ISIN :	{cp[ISIN_Collateral]}	Verify
■ Return	{Click}	Input
⌚ Delete Eligible Assets		
■ Delete this record	{Click}	Input
⌚ Delete		
■ Delete	{Click}	Input
⌚ filter in Eligible Assets		
■ ISIN -AT000B007059	{Click}	Input
⌚ Choice ;		
■ ,	{Click}	Input
⌚ Download CSV Eligible Assets		
■ Export to Csv	{Click}	Input
⌚ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input
■ OK	{Click}	Input

#### ⌚ 08 |Eligible Assets column check

■ GoTo		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ Columns check		
⌚ Column check Eligible Assets		

		Colomnnum	Buffer
■ TABLE			
⌚ TBox Set Buffer			
■ Column	1		Input
■ Controllo ordinamento colonne			
⌚ TBox Set Buffer			
■ Column	{MATH[{b[Column]}+1]}		Input
⌚ Column check Eligible Assets			
■ TABLE	{NULL}		Select
■ #{b[Column]}	{NULL}		Select
■ #1	{CLICK}		Input
⌚ TBox Wait			
■ Duration	500		Input
⌚ Column check Eligible Assets			
■ WEMIELE010_grid	{NULL}		Select
■ #{b[Column]}	{NULL}		Select
■ #2	True		Verify
■ Filter Check			
⌚ Column check Eligible Assets			
■ WEMIELE010_grid	{NULL}		Select
■ #2	{NULL}		Select
■ #2	ISIN		Buffer
■ #3	{NULL}		Select
■ #2	Description		Buffer
⌚ Filter and add Eligible Assets			
■ filtervalue	{b[ISIN]}		Input
■ +	{Click}		Input
⌚ Filter and add Eligible Assets_1			
■ filtervalue	{b[Description]}		Input
■ +	{Click}		Input
⌚ TBox Wait			
■ Duration	500		Input
⌚ Filter and add Eligible Assets_2			
■ ,	{Click}		Input
⌚ Filter and add Eligible Assets_3			
■ Export to Csv	{Click}		Input
⌚ Save excel			
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName		Buffer
■ ComboBox	Microsoft Excel 2010 (default)		Input
■ Save	{Click}		Input
■ OK	{Click}		Input
⌚ TBox DB Open Connection			
■ Connection name	DB_CCBA		Input
■ DSN	DB_CCBA		Input
⌚ TBox DB Run SQL Statement			

SQL Statement	SELECT * FROM [{b[csvName]}]	Input
Result Table	{NULL}	Select
#1	{NULL}	Select
#2	{b[ISIN]}	Verify
#2	{NULL}	Select
#2	{b[Description]}	Verify
TBox DB Close Connection		
Connection name	DB_CCPA	Input
TBox Delete File		
Directory	{cp[PathCSV]}	Input
File	{b[csvName]}	Input

### C 09 | Export ECB Eligible assets table

GoTo		
Click on Menu		
MENU	{Click}	Input
Select ;		
;	{Click}	Input
Download		
Export to Csv	{Click}	Input
Save excel		
21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
ComboBox	Microsoft Excel 2010 (default)	Input
Save	{Click}	Input
OK	{Click}	Input
TBox Delete File		
Directory	{cp[PathCSV]}	Input
File	{b[csvName]}	Input

### C 10 | ECB Eligible assets table Column check

GoTo		
Click on Menu		
MENU	{Click}	Input
Columns check		
ECB Eligible assets table Column check		
TABLE	Colomnnum	Buffer
TBox Set Buffer		
Column	1	Input
Controllo ordinamento colonne		
TBox Set Buffer		
Column	{MATH[{b[Column]}+1]}	Input
ECB Eligible assets table Column check		
TABLE	{NULL}	Select
#{b[Column]}	{NULL}	Select

 #1	{CLICK}	Input
⌚ TBox Wait		
 Duration	500	Input
⌚ ECB Eligible assets table Column check		
 WBCEHRC010_grid	{NULL}	Select
 #{b[Column]}	{NULL}	Select
 #2	True	Verify
 Filter Check		
⌚ ECB Eligible assets table Column check		
 WBCEHRC010_grid	{NULL}	Select
 #2	{NULL}	Select
 #2	ISIN	Buffer
 #3	{NULL}	Select
 #2	Haircut	Buffer
⌚ Filter ECB Eligible assets table		
 FILTER	ISIN	Input
 filtervalue	{b[ISIN]}	Input
 +	{Click}	Input
⌚ Filter ECB Eligible assets table		
 FILTER	HAIRCUT CATEGORY	Input
 filtervalue	{b[Haircut]}	Input
 +	{Click}	Input
⌚ TBox Wait		
 Duration	500	Input
⌚ Select ;		
 ,	{Click}	Input
⌚ Download		
 Export to Csv	{Click}	Input
⌚ Save excel		
 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
 ComboBox	Microsoft Excel 2010 (default)	Input
 Save	{Click}	Input
 OK	{Click}	Input
⌚ TBox DB Open Connection		
 Connection name	DB_CCBA	Input
 DSN	DB_CCBA	Input
⌚ TBox DB Run SQL Statement		
 SQL Statement	SELECT * FROM [{b[csvName]}]	Input
 Result Table	{NULL}	Select
 #1	{NULL}	Select
 #2	{b[ISIN]}	Verify
 #3	{NULL}	Select
 #2	{b[Haircut]}	Verify
⌚ TBox DB Close Connection		

■ Connection name	DB_CCPA	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

### ⌚ 11 | Add Verify and delete Eligible Currencies

■ GoTo		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Filters and Add Eligible Currencies		
■ Add	{Click}	Input
⌚ Add Currency		
■ CURRENCY :	{CP[Currency]}	Input
■ CURRENCY DESCRIPTION :	{Cp[Description]}	Input
■ HAIRCUT % :	2,00	Input
■ STATUS A/D :	Activated	Input
■ Add	{Click}	Input
⌚ View Record		
■ View this record	{Click}	Input
⌚ View Eligible Currencies		
■ SPAN	{cp[Currency]}	Verify
■ SPAN	{cp[Description]}	Verify
■ Return	{Click}	Input
⌚ Modify Record		
■ Change this record	{Click}	Input
⌚ Modify Eligible Currencies		
■ CURRENCY DESCRIPTION :	AML - AMBROGINO MENEGHINO	Input
■ Change	{Click}	Input
⌚ View Record		
■ View this record	{Click}	Input
⌚ View Eligible Currencies		
■ SPAN	{cp[Currency]}	Verify
■ SPAN	AML - AMBROGINO MENEGHINO	Verify
■ Return	{Click}	Input
⌚ Delete Eligible Currencies		
■ Delete this record	{Click}	Input
⌚ Delete		
■ Delete	{Click}	Input
⌚ Select		
■ ,	{Click}	Input
⌚ Export CSV		
■ Export to Csv	{Click}	Input
⌚ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer

ComboBox	Microsoft Excel 2010 (default)	Input
Save	{Click}	Input
OK	{Click}	Input

### C 12 | Eligible Currencies column check

GoTo		
Click on Menu		
MENU	{Click}	Input
Columns check		
Column check Eligible Currencies		
TABLE	Colomnnum	Buffer
TBox Set Buffer		
Column	1	Input
Controllo ordinamento colonne		
TBox Set Buffer		
Column	{MATH[{b[Column]}+1]}	Input
Column check Eligible Currencies		
TABLE	{NULL}	Select
#{b[Column]}	{NULL}	Select
#1	{CLICK}	Input
TBox Wait		
Duration	500	Input
Column check Eligible Currencies		
WCCGPRD060_grid	{NULL}	Select
#{b[Column]}	{NULL}	Select
#2	True	Verify

### C 13 | Add Verify and delete Collateral Class Policy

GoTo		
Click on Menu		
MENU	{Click}	Input
Main page Collateral Class Policy		
Add	{Click}	Input
Add Collateral Class Policy		
COLLATERAL CLASS :	{Cp[CollateralClass]}	Input
HAIRCUT % :	{Cp[Haircut]}	Input
LIMIT % :	{Cp[Limit]}	Input
Add	{Click}	Input
Change order of Collateral Class Policy		
TABLE	{NULL}	Select
#1	{NULL}	Select
#2	{CLICK}	Input
#1	{NULL}	Select
#2	{CLICK}	Input

⌚ Select change this record		
█ Change this record	{Click}	Input
⌚ Modify Collateral Class Policy		
█ HAIRCUT % :	{Cp[Haircut_modified]}	Input
█ Change	{Click}	Input
⌚ Select delete this record		
█ Delete this record	{Click}	Input
⌚ delete Collateral Class Policy		
█ Collateral Class	{cp[CollateralClass]}	Verify
█ Haircut	{cp[Haircut_modified]}	Verify
█ Limit	{cp[Limit]}	Verify
█ Delete	{Click}	Input
⌚ Select ,		
█ ,	{Click}	Input
⌚ Download CSV		
█ Export to Csv	{Click}	Input
⌚ Save excel		
█ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
█ ComboBox	Microsoft Excel 2010 (default)	Input
█ Save	{Click}	Input
█ OK	{Click}	Input

#### ⌚ 14 | Collateral Class Policy Column check

█ GoTo		
⌚ Click on Menu		
█ MENU	{Click}	Input
█ Columns check		
⌚ Column check Collateral Class Policy		
█ TABLE	Colomnum	Buffer
⌚ TBox Set Buffer		
█ Column	1	Input
█ Controllo ordinamento colonne		
⌚ TBox Set Buffer		
█ Column	{MATH[{b[Column]}+1]}	Input
⌚ Column check Collateral Class Policy		
█ TABLE	{NULL}	Select
█ #{b[Column]}	{NULL}	Select
█ #1	{CLICK}	Input
⌚ TBox Wait		
█ Duration	500	Input
⌚ Column check Collateral Class Policy		
█ WCODFT010_grid	{NULL}	Select
█ #{b[Column]}	{NULL}	Select
█ #2	True	Verify

## 15 | Add Verify and delete Issuer Group Policy

GoTo		
Click on Menu		
MENU	{Click}	Input
Main page Issuer Group Policy		
Add	{Click}	Input
Add Issuer Group Policy		
ISSUER GROUP :	{Cp[ISSUERGROUP]}	Input
LIMIT % :	{Cp[Limit]}	Input
Add	{Click}	Input
Main page Issuer Group Policy		
filtervalue	{Cp[ISSUERGROUP]}	Input
+	{Click}	Input
Click on Modify		
Change this record	{Click}	Input
Modify Issuer Group Policy		
LIMIT % :	{Cp[Limit_Modify]}	Input
Change	{Click}	Input
Click on delete		
TABLE	{NULL}	Select
#1	{NULL}	Select
#2	{CLICK}	Input
Remove filters		
ISSUER GROUP-AUT	{Click}	Input
Select ,		
,	{Click}	Input
Download CSV		
Export to Csv	{Click}	Input
Save excel		
21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
ComboBox	Microsoft Excel 2010 (default)	Input
Save	{Click}	Input
OK	{Click}	Input

## 16 | Issuer Group Policy Column check

GoTo		
Click on Menu		
MENU	{Click}	Input
Columns check		
Column check Issuer Group Policy		
TABLE	Colomnnum	Buffer
TBox Set Buffer		
Column	1	Input

█ Controllo ordinamento colonne			
↻ TBox Set Buffer			
█ Column	{MATH[{{b[Column]}+1}]}		Input
↻ Column check Issuer Group Policy			
█ TABLE	{NULL}		Select
█ #{b[Column]}	{NULL}		Select
█ #1	{CLICK}		Input
↻ TBox Wait			
█ Duration	500		Input
↻ Column check Issuer Group Policy			
█ WISSGR010_grid	{NULL}		Select
█ #{b[Column]}	{NULL}		Select
█ #2	True		Verify

### ⌚ 01 | Margin Call Execute

█ Go To External Collateral Account Transaction			
↻ Click on Menu			
█ MENU	{Click}		Input
↻ click on launch margin run			
█ Submit Job Immediately	X		Input
↻ Okay			
█ Margin Run	X		Input
↻ Wait			
█ Duration	4000		Input
↻ okay			
█ Caption	TT *		Input
█ Keys	"{ENTER}"		Input
↻ TBox Wait			
█ Duration	40000		Input

### ⌚ 02 | Export List of Margin Account Items to Csv

↻ Click on Menu		
█ MENU	{Click}	Input
↻ Click on ;		
█ ,	{Click}	Input
↻ Click on export csv		
█ Export to Csv	{Click}	Input
█ MRGVIEWW10_grid	{NULL}	Select
█ \$1	{NULL}	Select
█ \$2	Margin Position id	Buffer
█ \$3	Margin Account Id	Buffer
↻ Save excel		
█ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
█ ComboBox	Microsoft Excel 2010 (default)	Input

■ Save	{Click}	Input
■ OK	{Click}	Input
■ Verifica		
⌚ TBox Wait		
■ Duration	1000	Input
⌚ TBox Start Program		
■ Path	cmd	Input
⌚ TBox Wait		
■ Duration	1000	Input
⌚ Directory Change		
■ Caption	*cmd*	Input
■ Keys	cd {cp[DirectoryDowload]}	Input
⌚ Enter		
■ Keys	"{ENTER}"	Input
⌚ Move CVS		
■ Caption	*cmd*	Input
■ Keys	move {b[csvName]} {cp[PathCSV]}	Input
⌚ Enter		
■ Keys	"{ENTER}"	Input
⌚ TBox DB Open Connection		
■ Connection name	DB_CCBA	Input
■ DSN	DB_CCBA	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	SELECT ('Margin account ID') FROM [{b[csvName]}] where ('Margin position ID') like ('{b[Margin Position id]}')	Input
■ Result Table	{NULL}	Select
■ #1	{NULL}	Select
■ #1	prova	Verify
⌚ TBox DB Close Connection		
■ Connection name	DB_CCBA	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

### ⌚ 03 | Margin Account Items Column Check

■ Go To		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ Filter Check		
⌚ Filters and dowload Margin Account Items		
■ MRGVIEWW10_grid	{NULL}	Select
■ #2	{NULL}	Select
■ #2	MarginPosition	Buffer
■ #3	MarginAccount	Buffer

⌚ TBox Wait			
■ Duration	500		Input
⌚ Filter 1			
■ FILTER	Margin Position ID		Input
■ filtervalue	{b[MarginPosition]}		Input
■ +	{Click}		Input
⌚ Filter 2			
■ FILTER	Margin Account Id		Input
■ filtervalue	{b[MarginAccount]}		Input
■ +	{Click}		Input
⌚ Select ,			
■ ,	{Click}		Input
⌚ Export to CSV			
■ Export to Csv	{Click}		Input
⌚ Save excel			
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName		Buffer
■ ComboBox	Microsoft Excel 2010 (default)		Input
■ Save	{Click}		Input
■ OK	{Click}		Input
⌚ TBox DB Open Connection			
■ Connection name	DB_CCBA		Input
■ DSN	DB_CCBA		Input
⌚ TBox DB Run SQL Statement			
■ SQL Statement	SELECT * FROM [{b[csvName]}]		Input
■ Result Table	{NULL}		Select
■ #1	{NULL}		Select
■ #2	{b[MarginPosition]}		Verify
■ #2	{NULL}		Select
■ #2	{b[MarginAccount]}		Verify
⌚ TBox DB Close Connection			
■ Connection name	DB_CCBA		Input
⌚ TBox Delete File			
■ Directory	{cp[PathCSV]}		Input
■ File	{b[csvName]}		Input
■ Columns check			
⌚ Filters and dowload Margin Account Items			
■ TABLE	Colomnum		Buffer
⌚ TBox Set Buffer			
■ Column	1		Input
⌚ Controllo ordinamento colonne			
⌚ TBox Set Buffer			
■ Column	{MATH[{b[Column]}+1]}		Input
⌚ Filters and dowload Margin Account Items			
■ TABLE	{NULL}		Select

■ #{{b[Column]}}	{NULL}	Select
■ #1	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Filters and dowload Margin Account Items_1		
■ MRGVIEWW10_grid	{NULL}	Select
■ #{{b[Column]}}	{NULL}	Select
■ #2	True	Verify

#### ⌚ 04 | Export List of Margin Account Net Items to Csv

⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Click on ;		
■ ;	{Click}	Input
⌚ Click on export csv		
■ Export to Csv	{Click}	Input
⌚ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input
■ OK	{Click}	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

#### ⌚ 05 | Margin Account Net Items Column check

■ Go To		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ Filter Check		
⌚ Buffer Values		
■ MRGVIEWW20_grid	{NULL}	Select
■ #2	{NULL}	Select
■ #2	MarginAccount	Buffer
■ #3	Partecipant	Buffer
⌚ TBox Wait		
■ Duration	500	Input
⌚ Filter 1		
■ FILTER	Margin Account Id	Input
■ filtervalue	{b[MarginAccount]}	Input
■ +	{Click}	Input
⌚ Filter 2		
■ FILTER	Participant Code	Input
■ filtervalue	{b[Partecipant]}	Input

	+	{Click}	Input
	Select ,		
	,	{Click}	Input
	Export to CSV		
	Export to Csv	{Click}	Input
	Save excel		
	21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
	ComboBox	Microsoft Excel 2010 (default)	Input
	Save	{Click}	Input
	OK	{Click}	Input
	TBox DB Open Connection		
	Connection name	DB_CCPA	Input
	DSN	DB_CCPA	Input
	TBox DB Run SQL Statement		
	SQL Statement	SELECT * FROM [{b[csvName]}]	Input
	Result Table	{NULL}	Select
	#1	{NULL}	Select
	#2	{b[MarginAccount]}	Verify
	#2	{NULL}	Select
	#2	{b[Partecipant]}	Verify
	TBox DB Close Connection		
	Connection name	DB_CCPA	Input
	TBox Delete File		
	Directory	{cp[PathCSV]}	Input
	File	{b[csvName]}	Input
	Columns check		
	Filters and dowload Margin Account Net Items		
	TABLE	Colomnnum	Buffer
	TBox Set Buffer		
	Column	1	Input
	Controllo ordinamento colonne		
	TBox Set Buffer		
	Column	{MATH[{b[Column]}+1]}	Input
	Filters and dowload Margin Account Net Items		
	TABLE	{NULL}	Select
	#{b[Column]}	{NULL}	Select
	#1	{CLICK}	Input
	TBox Wait		
	Duration	500	Input
	Filters and dowload Margin Account Net Items		
	MRGVIEWW20_grid	{NULL}	Select
	#{b[Column]}	{NULL}	Select
	#2	True	Verify

## C 06 | Export List of Margin Requirements Items to Csv

⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Click on ;		
■ ;	{Click}	Input
⌚ Click on export csv		
■ Export to Csv	{Click}	Input
⌚ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input
■ OK	{Click}	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

## C 07 | Margin Requirements Items Column check

■ Go To		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ Filter Check		
⌚ Buffer Values		
■ MRGVIEWW30_grid	{NULL}	Select
■ #2	{NULL}	Select
■ #1	Margin	Buffer
■ #2	Partecipant	Buffer
⌚ TBox Wait		
■ Duration	500	Input
⌚ Filter 1		
■ FILTER	Margin Account Id	Input
■ filtervalue	{B[Margin]}	Input
■ +	{Click}	Input
⌚ Filter 2		
■ FILTER	Participant Code	Input
■ filtervalue	{B[Partecipant]}	Input
■ +	{Click}	Input
⌚ Select ,		
■ ,	{Click}	Input
⌚ Export to CSV		
■ Export to Csv	{Click}	Input
⌚ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input

■ Save	{Click}	Input
■ OK	{Click}	Input
⌚ TBox DB Open Connection		
■ Connection name	DB_CCBA	Input
■ DSN	DB_CCBA	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	SELECT * FROM [{b[csvName]}]	Input
■ Result Table	{NULL}	Select
■ #1	{NULL}	Select
■ #2	{b[Margin]}	Verify
■ #2	{NULL}	Select
■ #2	{b[Partecipant]}	Verify
⌚ TBox DB Close Connection		
■ Connection name	DB_CCBA	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input
■ Columns check		
⌚ Filters and dowload Margin Requirements Items		
■ TABLE	Colomnum	Buffer
⌚ TBox Set Buffer		
■ Column	1	Input
■ Controllo ordinamento colonne		
⌚ Filters and dowload Margin Requirements Items		
■ TABLE	{NULL}	Select
■ #{b[Column]}	{NULL}	Select
■ #1	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Filters and dowload Margin Requirements Items		
■ MRGVIEWW30_grid	{NULL}	Select
■ #{b[Column]}	{NULL}	Select
■ #2	True	Verify
⌚ TBox Set Buffer		
■ Column	{MATH[{b[Column]}+1]}	Input

## ⌚ 08 | Export List of Margin Requirements to Csv

⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Filters and dowload Margin Requirements		
■ ;	{Click}	Input
⌚ Click on export csv		
■ Export to Csv	{Click}	Input
⌚ Save excel		

■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input
■ OK	{Click}	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

### C 09 | Margin Requirements Column check

■ Go To		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ Columns check		
⌚ Filters and dowload Margin Requirements		
■ TABLE	Colomnnum	Buffer
⌚ TBox Set Buffer		
■ Column	1	Input
■ Controllo ordinamento colonne		
⌚ Filters and dowload Margin Requirements		
■ TABLE	{NULL}	Select
■ #{b[Column]}	{NULL}	Select
■ #1	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Filters and dowload Margin Requirements		
■ MRGVIEWW40_grid	{NULL}	Select
■ #{b[Column]}	{NULL}	Select
■ #2	True	Verify
⌚ TBox Set Buffer		
■ Column	{MATH[{b[Column]}+1]}	Input
⌚ Filters and dowload Margin Requirements		
■ TABLE	Colomnnum	Buffer

### C 01 | Add Trade and Check

■ GoTo		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ Trade 1		
⌚ TT AUSTRIA - Trade		
■ Add	{Click}	Input
■ Trade Details		
⌚ Trade_parts_isin		
■ Exchange Id :	EAE	Input
■ Trade code suffix :	asd	Input

Trade generation date :	{DATE[::][yyyyMMdd]}	Input
Trade generation time :	070000	Input
Trade number :	{b[Tradenumber]}	Input
ISIN	{CLICK}	Input
⌚ TBox Wait		
Duration	500	Input
⌚ TBox Send Keys		
Caption	TT*	Input
Keys	{CP[ISIN_WICS]}	Input
⌚ TBox Wait		
Duration	500	Input
⌚ TBox Send Keys		
Caption	TT*	Input
Keys	Input	
⌚ TBox Wait		
Duration	500	Input
⌚ Trade_parts_isin		
Trade quantity :	{RND[1]}	Input
Trade price :	{RND[1]}	Input
Trade quantity :	tradeQuantity	Buffer
Trade price :	tradePrice	Buffer
⌚ TBox Set Buffer		
marketValue	{MATH[{B[tradeQuantity]}*{B[tradePrice]}]}	Input
⌚ Trade_parts_isin		
Market value :	{B[marketValue]},00	Verify
Settlement Details		
⌚ Trade_parts_ACC SELL		
Settlement amount :	{B[marketValue]},00	Verify
Account sell	{CLICK}	Input
Buy mbr Details		
⌚ Trade_parts_ACC BUY		
Buy Trading member	{CLICK}	Input
⌚ TBox Wait		
Duration	500	Input
⌚ TBox Send Keys		
Caption	TT*	Input
Keys	{cp[AccBuy]}	Input
⌚ TBox Wait		
Duration	500	Input
⌚ TBox Send Keys		
Caption	TT*	Input
Keys	{ENTER}"	Input
⌚ TBox Wait		
Duration	500	Input

⌚ Trade_parts_ACC BUY			
■ Account buy	{CLICK}{DOWN}{ENTER}	Input	
■ Buy quantity :	3	Input	
■ Sell mdb Details			
⌚ Trade_parts_ACC SELL			
■ Sell tradin Member	{CLICK}	Input	
⌚ TBox Wait			
■ Duration	500	Input	
⌚ TBox Send Keys			
■ Caption	TT*	Input	
■ Keys	{cp[AccSell]}	Input	
⌚ TBox Wait			
■ Duration	500	Input	
⌚ TBox Send Keys			
■ Caption	TT*	Input	
■ Keys	"{ENTER}"	Input	
⌚ Trade_parts_ACC SELL			
■ Account sell	{CLICK}{DOWN}{ENTER}	Input	
■ Sell quantity :	3	Input	
⌚ Add Trade			
■ Add	{Click}	Input	
⌚ Wait for the approval			
■ IMG	True	Verify	
⌚ TBox Set Buffer			
■ Tradenumber	{Math[{b[Tradenumbers]}+1]}	Input	

## ⌚ 02 | Trade export to CSV and Column Check

■ GoTo		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ Filter Check		
⌚ Columns count		
■ CPATRANW10_grid	{NULL}	Select
■ #2	{NULL}	Select
■ #2	Exchange	Buffer
■ #6	{NULL}	Select
■ #2	TradeNumber	Buffer
⌚ Filter Exchange		
■ FILTER	Exchange id	Input
■ filtervalue	{b[Exchange]}	Input
■ +	{Click}	Input
⌚ Filter TradeNumber		
■ FILTER	Trade number	Input
■ filtervalue	{b[TradeNumber]}	Input

<input type="checkbox"/> +	{Click}	Input
⌚ TBox Wait		
<input type="checkbox"/> Duration	500	Input
⌚ Click ,		
<input type="checkbox"/> ,	{Click}	Input
⌚ Export to Csv		
<input type="checkbox"/> Export to Csv	{Click}	Input
⌚ Save excel		
<input type="checkbox"/> 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
<input type="checkbox"/> ComboBox	Microsoft Excel 2010 (default)	Input
<input type="checkbox"/> Save	{Click}	Input
<input type="checkbox"/> OK	{Click}	Input
⌚ TBox DB Open Connection		
<input type="checkbox"/> Connection name	DB_CCPA	Input
<input type="checkbox"/> DSN	DB_CCPA	Input
⌚ TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	SELECT * FROM [{b[csvName]}]	Input
<input type="checkbox"/> Result Table	{NULL}	Select
<input type="checkbox"/> #1	{NULL}	Select
<input type="checkbox"/> #2	{b[Exchange]}	Verify
<input type="checkbox"/> #4	{NULL}	Select
<input type="checkbox"/> #2	{b[TradeNumber]}	Verify
⌚ TBox DB Close Connection		
<input type="checkbox"/> Connection name	DB_CCPA	Input
⌚ TBox Delete File		
<input type="checkbox"/> Directory	{cp[PathCSV]}	Input
<input type="checkbox"/> File	{b[csvName]}	Input
<input type="checkbox"/> Columns check		
⌚ Columns count		
<input type="checkbox"/> TABLE	Colomnnum	Buffer
⌚ TBox Set Buffer		
<input type="checkbox"/> Column	1	Input
<input type="checkbox"/> Controllo ordinamento colonne		
⌚ TBox Set Buffer		
<input type="checkbox"/> Column	{MATH[{b[Column]}+1]}	Input
⌚ Columns Click		
<input type="checkbox"/> TABLE	{NULL}	Select
<input type="checkbox"/> #{b[Column]}	{NULL}	Select
<input type="checkbox"/> #1	{CLICK}	Input
⌚ TBox Wait		
<input type="checkbox"/> Duration	500	Input
⌚ check existance		
<input type="checkbox"/> CPATRANW10_grid	{NULL}	Select
<input type="checkbox"/> #{b[Column]}	{NULL}	Select

 #2	True	Verify
--	------	--------

### 03 | Delete Trade

 Click on Menu		
 MENU	{Click}	Input
 Trade filter		
 Exchange id	{CLICK}	Input
 TBox Wait		
 Duration	500	Input
 TBox Send Keys		
 Caption	TT*	Input
 Keys	ISIN	Input
 TBox Wait		
 Duration	500	Input
 TBox Send Keys		
 Caption	TT*	Input
 Keys	Input	
 Trade filter		
 filtervalue	{CP[ISIN_WICS]}	Input
 +	{Click}	Input
 <New Folder>		
 Modify or delete trade		
 CPATRANW10_grid	Rows	Buffer
 <New Folder>		
 Modify or delete trade		
 CPATRANW10_grid	{NULL}	Select
 \$1	{NULL}	Select
 Delete this record	X	Input
 TBox Wait		
 Duration	500	Input
 Delete button		
 Delete	{Click}	Input
 TBox Wait		
 Duration	500	Input
 Filters Trade		
 Exchange id-EAE	{Click}	Input
 Trade number-0009951048	{Click}	Input
 ISIN-AT0000000001	{Click}	Input

### 04 | Add Trade 2

 GoTo		
 Click on Menu		
 MENU	{Click}	Input
 Trade 1		

>Main page Trade		
■ Add	{CLICK}	Input
■ Trade Details		
⌚ Trade_parts_isin		
■ Exchange Id :	EAE	Input
■ Trade code suffix :	asd	Input
■ Trade generation date :	{DATE[::][yyyyMMdd]}	Input
■ Trade generation time :	070000	Input
■ Trade number :	{b[Tradenumbers]}	Input
■ ISIN	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	{CP[ISIN_WICS]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Trade_parts_isin		
■ Trade quantity :	{RND[1]}	Input
■ Trade price :	{RND[1]}	Input
■ Trade quantity :	tradeQuantity	Buffer
■ Trade price :	tradePrice	Buffer
⌚ TBox Set Buffer		
■ marketValue	{MATH[{B[tradeQuantity]}*{B[tradePrice]}]}	Input
⌚ Trade_parts_isin		
■ Market value :	{B[marketValue]},00	Verify
■ Settlement Details		
⌚ Trade_parts_ACC SELL		
■ Settlement amount :	{B[marketValue]},00	Verify
■ Account sell	{CLICK}	Input
■ Buy mbr Details		
⌚ Trade_parts_ACC BUY		
■ Buy Trading member	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	{cp[AccBuy]}	Input
⌚ TBox Wait		

■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Trade_parts_ACC BUY		
■ Account buy	{CLICK}{DOWN}{ENTER}	Input
■ Buy quantity :	3	Input
■ Sell mdb Details		
⌚ Trade_parts_ACC SELL		
■ Sell tradin Member	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	{cp[AccSell]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ Trade_parts_ACC SELL		
■ Account sell	{CLICK}{DOWN}{ENTER}	Input
■ Sell quantity :	3	Input
⌚ Add Trade		
■ Add	{Click}	Input
⌚ Wait for the approval		
■ IMG	True	Verify
⌚ TBox Set Buffer		
■ Tradenumber	{Math[{b[Tradenumber]}+1]}	Input

## ⌚ 05 | View and Modify Trade

⌚ Buffer Values		
■ CPATRANW10_grid	{NULL}	Select
■ #2	{NULL}	Select
■ #2	ExchangeID	Buffer
■ #3	TradeID	Buffer
⌚ Click View		
■ CPATRANW10_grid	{NULL}	Select
■ #2	{NULL}	Select
■ View this record	{Click}	Input
⌚ Check View Trade		
■ Exchange Id :	{b[ExchangeID]}	Verify

■ Trade ID :	{b[TradeID]}	Verify
■ Return	{Click}	Input
⌚ Click Modify		
■ CPATRANW10_grid	{NULL}	Select
■ #2	{NULL}	Select
■ Change this record	{Click}	Input
⌚ Modify Trade		
■ Trade quantity :	11.000	Input
■ Change	{Click}	Input
⌚ Click Delete		
■ CPATRANW10_grid	{NULL}	Select
■ #2	{NULL}	Select
■ Delete this record	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Delete button		
■ Delete	{Click}	Input
⌚ TBox Wait		
■ Duration	1000	Input

### ⌚ 06 | Novated Trade Check

■ GoTo		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Main page Novated Trade		
■ CPATRANW20_grid	{NULL}	Select
■ #2	{NULL}	Select
■ #3	TradeID	Buffer
■ View this record	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ View Novated Trade		
■ SPAN	{b[TradeID]}	Verify
■ Return	{Click}	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

### ⌚ 07 | Novated Trade Column and filter check

■ GoTo		
--------	--	--

⌚ Click on Menu			
■ MENU	{Click}		Input
■ Columns check			
⌚ Main page Novated Trade			
■ CPATRANW20_grid	Colomnnum		Buffer
⌚ TBox Set Buffer			
■ Column	1		Input
■ Controllo ordinamento colonne			
⌚ TBox Set Buffer			
■ Column	{MATH[{b[Column]}+1]}		Input
⌚ Main page Novated Trade			
■ TABLE	{NULL}		Select
■ #{b[Column]}	{NULL}		Select
■ #1	{CLICK}		Input
⌚ TBox Wait			
■ Duration	1000		Input
⌚ Main page Novated Trade_1			
■ CPATRANW20_grid	{NULL}		Select
■ #{b[Column]}	{NULL}		Select
■ #2	True		Verify
■ Filter Check			
⌚ Buffer Values			
■ CPATRANW20_grid	{NULL}		Select
■ #2	{NULL}		Select
■ #2	ExchangeID		Buffer
■ #3	TradeID		Buffer
⌚ TBox Wait			
■ Duration	500		Input
⌚ Filter 1			
■ FILTER	Exchange Id		Input
■ filtervalue	{b[ExchangeID]}		Input
■ +	{Click}		Input
⌚ Filter2			
■ FILTER	Trade ID		Input
■ filtervalue	{b[TradeID]}		Input
■ +	{Click}		Input
⌚ Main page Novated Trade			
■ ,	{Click}		Input
■ Export to Csv	{Click}		Input
⌚ Save excel			
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName		Buffer
■ ComboBox	Microsoft Excel 2010 (default)		Input
■ Save	{Click}		Input
■ OK	{Click}		Input

⌚ TBox DB Open Connection			
■ Connection name	DB_CCPA		Input
■ DSN	DB_CCPA		Input
⌚ TBox DB Run SQL Statement			
■ SQL Statement	SELECT * FROM [{b[csvName]}]		Input
■ Result Table	{NULL}		Select
■ #2	{NULL}		Select
■ #2	{b[ExchangeID]}		Verify
■ #42	{NULL}		Select
■ #2	{b[TradeID]}		Verify
⌚ TBox DB Close Connection			
■ Connection name	DB_CCPA		Input
⌚ TBox Delete File			
■ Directory	{cp[PathCSV]}		Input
■ File	{b[csvName]}		Input

### ⌚ 08 | Amended and Deleted Trades Check

■ GoTo			
⌚ Click on Menu			
■ MENU	{Click}		Input
⌚ TBox Wait			
■ Duration	500		Input
⌚ Buffer Values			
■ CPATRALW10_grid	{NULL}		Select
■ #2	{NULL}		Select
■ #2	ExchangeID		Buffer
■ #3	TradeID		Buffer
⌚ TBox Wait			
■ Duration	500		Input
⌚ Main page Amended and Deleted Trades			
■ CPATRALW10_grid	{NULL}		Select
■ #2	{NULL}		Select
■ View this record	{Click}		Input
⌚ View Amended and Deleted Trades			
■ Exchange ID	{b[ExchangeID]}		Verify
■ SPAN	{b[TradeID]}		Verify
■ Return	{Click}		Input
⌚ Main page Amended and Deleted Trades_1			
■ ,	{Click}		Input
■ Export to Csv	{Click}		Input
⌚ Save excel			
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName		Buffer
■ ComboBox	Microsoft Excel 2010 (default)		Input
■ Save	{Click}		Input

■ OK	{Click}	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

### ⌚ 09 | Amended and Deleted Trades Column and Filter Check

■ GoTo		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ Filter Check		
⌚ Buffer Values		
■ CPATRALW10_grid	{NULL}	Select
■ #2	{NULL}	Select
■ #2	ExchangeID	Buffer
■ #6	TradeID	Buffer
⌚ TBox Wait		
■ Duration	500	Input
⌚ Filter 1		
■ FILTER	Exchange id	Input
■ filtervalue	{b[ExchangeID]}	Input
■ +	{Click}	Input
⌚ Filter 2		
■ FILTER	Trade number	Input
■ filtervalue	{b[TradeID]}	Input
■ +	{Click}	Input
⌚ Download to CSV		
■ ,	{Click}	Input
■ Export to Csv	{Click}	Input
⌚ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input
■ OK	{Click}	Input
⌚ TBox DB Open Connection		
■ Connection name	DB_CCBA	Input
■ DSN	DB_CCBA	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	SELECT * FROM [{b[csvName]}]	Input
■ Result Table	{NULL}	Select
■ #1	{NULL}	Select
■ #2	{b[ExchangeID]}	Verify
■ #4	{NULL}	Select
■ #2	{b[TradeID]}	Verify
⌚ TBox DB Close Connection		

■ Connection name	DB_CCBA	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input
⌚ Remove Files		
■ Exchange id-EAE	{Click}	Input
■ Trade number-0000000001	{Click}	Input
■ Columns check		
⌚ Column Count		
■ CPATRALW10_grid	Colomnum	Buffer
⌚ TBox Set Buffer		
■ Column	1	Input
■ Controllo ordinamento colonne		
⌚ TBox Set Buffer		
■ Column	{MATH[{b[Column]}+1]}	Input
⌚ Main page Amended and Deleted Trades		
■ TABLE	{NULL}	Select
■ #{b[Column]}	{NULL}	Select
■ #1	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Main page Amended and Deleted Trades		
■ CPATRALW10_grid	{NULL}	Select
■ #{b[Column]}	{NULL}	Select
■ #2	True	Verify

### ⌚ 01 | DF Call History and csv download

■ GoTo		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Select . for csv		
■ ,	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ download csv		
■ Export to Csv	{Click}	Input
⌚ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input
■ OK	{Click}	Input
⌚ Main Page DF Call History		

■ DF Call	{Click}	Input
⌚ DF call DF Call History		
■ LDFCODES	CPP-XVIE	Input
■ INIT DATE	{Cp[InitDate]}	Input
■ END DATE	{Cp[EndDate]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Enter		
■ Keys	"{ENTER}"	Input
⌚ add		
■ Add	{Click}	Input
⌚ Filters1		
■ FILTER	DF Account ID	Input
■ filtervalue	CPP-XVIE	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Filters2		
■ FILTER	EXECUTION DATE	Input
■ filtervalue	{DATE[]][yyyy-MM-dd]}	Input
■ +	{Click}	Input
⌚ Table - DF Call History		
■ CPADFCALL_grid	{NULL}	Select
■ #2	{NULL}	Select
■ #4	{cp[InitDate]}	Verify
■ #5	{cp[EndDate]}	Verify
⌚ Remove Filters		
■ EXECUTION DATE-2019-11-20	{Click}	Input
■ DF Account ID-CPP-XVIE	{Click}	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

## ⌚ 02 | DF Call History Column check

■ GoTo		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ Columns check		
⌚ Table - DF Call History		
■ TABLE	Colomnnum	Buffer
⌚ TBox Set Buffer		
■ Column	1	Input
■ Controllo ordinamento colonne		
⌚ TBox Set Buffer		

■ Column	{MATH[{\{b[Column]\}}+1]}	Input
⌚ Table - DF Call History		
■ TABLE	{NULL}	Select
■ #{{b[Column]}}	{NULL}	Select
■ #1	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Table - DF Call History		
■ CPADFCALL_grid	{NULL}	Select
■ #{{b[Column]}}	{NULL}	Select
■ #2	True	Verify

### ⌚ 03 | Add and Verify DF Participant Contribution

■ GoTo		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Table - DF Participant Contribution		
■ BUTTON	{Click}	Input
⌚ Add DF Participant Contribution		
■ DEPOSIT / WITHDRAWAL :	DEPOSIT	Input
■ AMOUNT :	{Cp[Amount]}	Input
■ TRANSACTION CODE :	{Cp[TRANSACTIONCODE]}	Input
■ Add	{Click}	Input
⌚ Table - DF Participant Contribution		
■ BUTTON	{Click}	Input
⌚ Add DF Participant Contribution		
■ DEPOSIT / WITHDRAWAL :	WITHDRAWAL	Input
■ AMOUNT :	{Cp[Amount]}	Input
■ TRANSACTION CODE :	{Cp[TRANSACTIONCODE]}	Input
■ Add	{Click}	Input
⌚ Click on plus sign		
■ TD	{CLICK}	Input
⌚ Plus table DF Participant Contribution		
■ CPADFCOW10_grid_CPP-XVIE---CO-CLAU-1_t	{NULL}	Select
■ #2	{NULL}	Select
■ #8	{cp[TRANSACTIONCODE]}	Verify
■ #3	{NULL}	Select
■ #8	{cp[TRANSACTIONCODE]}	Verify
⌚ Click on ;		
■ ;	{Click}	Input
⌚ Download DF Contribution		
■ DF Contribution	{Click}	Input
■ Export to Csv	{Click}	Input
⌚ Save excel		

21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
ComboBox	Microsoft Excel 2010 (default)	Input
Save	{Click}	Input
OK	{Click}	Input
Download DF Contribution		
Transactions	{Click}	Input
Export to Csv	{Click}	Input
Save excel		
21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
ComboBox	Microsoft Excel 2010 (default)	Input
Save	{Click}	Input
OK	{Click}	Input

#### C 04 | DF Participant Contribution Column check

GoTo		
Click on Menu		
MENU	{Click}	Input
Filter Check		
Buffer values		
CPADFCOW10_grid	{NULL}	Select
#2	{NULL}	Select
#3	Account	Buffer
#4	Partecipant	Buffer
TBox Wait		
Duration	500	Input
Filter 1		
filtervalue	{b[Account]}	Input
+	{Click}	Input
FILTER	DF ACCOUNT ID	Input
Filter 2		
FILTER	DF PARTICIPANT ACCOUNT ID	Input
filtervalue	{b[Partecipant]}	Input
+	{Click}	Input
Select ,		
,	{Click}	Input
Export to Csv		
Export to Csv	{Click}	Input
Save excel		
21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
ComboBox	Microsoft Excel 2010 (default)	Input
Save	{Click}	Input
OK	{Click}	Input
TBox DB Open Connection		
Connection name	DB_CCRA	Input

■ DSN	DB_CCBA	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	SELECT * FROM [{b[csvName]}]	Input
■ Result Table	{NULL}	Select
■ #1	{NULL}	Select
■ #2	{b[Account]}	Verify
■ #2	{NULL}	Select
■ #2	{b[Participant]}	Verify
⌚ TBox DB Close Connection		
■ Connection name	DB_CCBA	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input
■ Columns check		
⌚ DF Participant Contribution		
■ TABLE	Colomnum	Buffer
⌚ TBox Set Buffer		
■ Column	1	Input
■ Controllo ordinamento colonne		
⌚ TBox Set Buffer		
■ Column	{MATH[{b[Column]}+1]}	Input
⌚ DF Participant Contribution		
■ TABLE	{NULL}	Select
■ #{b[Column]}	{NULL}	Select
■ #1	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ DF Participant Contribution		
■ CPADFCOW10_grid	{NULL}	Select
■ #{b[Column]}	{NULL}	Select
■ #2	True	Verify

### C 05 | export Swift Payment Status and Column check

■ GoTo		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Select ;		
■ ;	{Click}	Input
⌚ Download Swift Payment Status		
■ Export to Csv	{Click}	Input
⌚ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input

■ OK	{Click}	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

### ⌚ 06 | Swift Payment Status Column check

■ GoTo		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ Filter Check		
⌚ Buffer Values		
■ CPAPAYW010_grid	{NULL}	Select
■ #2	{NULL}	Select
■ #2	MSG	Buffer
■ #4	Sender	Buffer
⌚ TBox Wait		
■ Duration	500	Input
⌚ Filter 1		
■ FILTER	MESSAGE CODE	Input
■ filtervalue	{b[MSG]}	Input
■ +	{Click}	Input
⌚ Filter 2		
■ FILTER	SENDER CODE	Input
■ filtervalue	{B[Sender]}	Input
■ +	{Click}	Input
⌚ Select ,		
■ ,	{Click}	Input
⌚ Export to Csv		
■ Export to Csv	{Click}	Input
⌚ Save excel		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	csvName	Buffer
■ ComboBox	Microsoft Excel 2010 (default)	Input
■ Save	{Click}	Input
■ OK	{Click}	Input
⌚ TBox DB Open Connection		
■ Connection name	DB_CCPA	Input
■ DSN	DB_CCPA	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	SELECT * FROM [{b[csvName]}]	Input
■ Result Table	{NULL}	Select
■ #1	{NULL}	Select
■ #2	{b[MSG]}	Verify
■ #3	{NULL}	Select
■ #2	{b[Sender]}	Verify

⌚ TBox DB Close Connection		
■ Connection name	DB_CCPA	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input
■ Columns check		
⌚ Download Swift Payment Status		
■ TABLE	Colomnum	Buffer
⌚ TBox Set Buffer		
■ Column	1	Input
■ Controllo ordinamento colonne		
⌚ TBox Set Buffer		
■ Column	{MATH[{b[Column]}+1]}	Input
⌚ Download Swift Payment Status		
■ TABLE	{NULL}	Select
■ #{b[Column]}	{NULL}	Select
■ #1	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Download Swift Payment Status		
■ CPAPAYW010_grid	{NULL}	Select
■ #{b[Column]}	{NULL}	Select
■ #2	True	Verify

### ⌚ 00 |Launch Margin Call and wait

■ Close Browser		
⌚ TBox Wait		
■ Duration	500	Input
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ Go To External Collateral Account Transaction		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ click on launch margin run		
■ Submit Job Immediately	X	Input
⌚ Okay		

<input type="checkbox"/> Margin Run	X	Input
<input checked="" type="checkbox"/> Wait		
<input type="checkbox"/> Duration	4000	Input
<input checked="" type="checkbox"/> okay		
<input type="checkbox"/> Caption	TT *	Input
<input type="checkbox"/> Keys	"{ENTER}"	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	60000	Input

### C 01 | ForceNonRandomSample

<input checked="" type="checkbox"/> SelectItem		
<input type="checkbox"/> ISIN1	CH0235546170	Input
<input type="checkbox"/> MarginAccountID1	2253-2253	Input
<input type="checkbox"/> ISIN2	FR0004056851	Input
<input type="checkbox"/> MarginAccountID2	2121-2121	Input
<input type="checkbox"/> ISIN3		Input
<input type="checkbox"/> MarginAccountID3		Input

### C 01 | ChooseRandomSample

<input checked="" type="checkbox"/> SelectRandomItems		
<input type="checkbox"/> query	SELECT MRGACCTID,ISIN_CODE FROM CCPADTATT.CPAMGNVW2V ORDER BY RAND () LIMIT {CP[TestSampleSize]} FOR READ ONLY	Input
<input type="checkbox"/> ChooseRandomSample		
<input checked="" type="checkbox"/> TBox DB Open Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input type="checkbox"/> DSN	tosca	Input
<input type="checkbox"/> User ID	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	***** ***** ***** *****	Input
<input checked="" type="checkbox"/> InitCounter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> ChooseRandomSample		
<input checked="" type="checkbox"/> TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	{B[Query]}	Input
<input type="checkbox"/> Result Table	{NULL}	Select
<input type="checkbox"/> #{{MATH[{B[Counter]}+1]}}	{NULL}	Select
<input type="checkbox"/> #1	MarginAccountID{B[Counter]}	Buffer
<input type="checkbox"/> #2	ISIN{B[Counter]}	Buffer
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input
<input checked="" type="checkbox"/> TBox DB Close Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input

 02   GoToMarginAccountItemsAndStoreValues		
■ Close Browser		
⌚ TBox Wait		
■ Duration	500	Input
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ GoToMarginAccountItem		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ InitCounter		
■ Counter	1	Input
■ Cycle		
■ Filter		
⌚ TT AUSTRIA - Margin Account Items		
■ Margin Position ID	{Click}	Input
■ SendKeys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	MARGIN ACCOUNT ID	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - Margin Account Items		
■ filtervalue	{B[MarginAccountID{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	1500	Input
⌚ TT AUSTRIA - Margin Account Items		
■ Margin Position ID	{Click}	Input
■ SendKeys		
⌚ TBox Wait		

Duration	500	Input
⌚ TBox Send Keys		
Caption	TT *	Input
Keys	ISIN	Input
⌚ TBox Wait		
Duration	500	Input
⌚ TBox Send Keys		
Caption	TT *	Input
Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - Margin Account Items		
filtervalue	{B[ISIN{B[Counter]}]}	Input
+	{Click}	Input
⌚ TBox Wait		
Duration	1500	Input
⌚ TT AUSTRIA - Margin Account Items		
MRGVIEWW10_grid	{NULL}	Select
\$1	{NULL}	Select
\$1		Verify
View this record	{Click}	Input
Buffer		
⌚ TT AUSTRIA - Margin Account Items PopUp		
QTY :	QTY{B[Counter]}	Buffer
QTY type :	QTY_type{B[Counter]}	Buffer
MTM Price :	MTMPrice{B[Counter]}	Buffer
MTM CTV :	MTMCTV{B[Counter]}	Buffer
Return	{Click}	Input
unfilter		
⌚ TT AUSTRIA - Margin Account Items		
Margin Account Id-123c	{Click}	Input
Isin-213	{Click}	Input
⌚ Counter++		
Counter	{MATH[{B[Counter]}+1]}	Input

### ⌚ 03 | CheckMTMCTV

⌚ InitCounter		
Counter	1	Input
Checks		
ComputeAndVerifyMTMCTV		
Counter++		
Counter	{MATH[{B[Counter]}+1]}	Input

### ⌚ 04 | CheckMTMCTVViaCSV

⌚ OpenConnections		
⌚ TBox DB Open Connection		

■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ TBox DB Open Connection		
■ Connection name	DB_CCPA	Input
■ DSN	DB_CCPA	Input
■ DownloadExcel		
⌚ TT AUSTRIA - Margin Account Items		
■ EN	{Click}	Input
■ Export to Csv	{Click}	Input
⌚ Apertura di excel csv - participant		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	NomeCSV	Buffer
■ OK	{Click}	Input
⌚ TBox Wait		
■ Duration	3000	Input
■ Checks		
■ checks		
⌚ TBox Set Buffer		
■ FileName	fx_refkurs.csv	Input
■ Pattern	.	Input
■ newDate	\.	Input
■ Update File		
⌚ TBox Read/Create File		
■ Directory	{CP[PathSourcesFiles]}	Input
■ File	{B[FileName]}	Input
■ Text	Text	Buffer
⌚ TC String Operations		
■ Value	{b[Text]}	Input
■ Operation	Replace.Global	Input
■ Result	TextUpdated	Input
■ Pattern	{B[Pattern]}	Input
■ ReplaceBy	{B[newDate]}	Input
⌚ TBox Read/Create File		
■ Directory	{CP[PathSourcesFiles]}	Input
■ File	{B[FileName]}	Input
■ Text	{b[TextUpdated]}	Input
■ Overwrite	True	Input
⌚ TBox DB Current Connection		
■ Connection name	DB_CCPA	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	SELECT * FROM [{B[NomeCSV]}]	Input

■ Result Table	totRowCount	Buffer
⌚ verifica solo i primi 50		
■ RowNum	2	Input
■ totRowCount	{CALC[MIN(10,{B[totRowCount]})]}	Input
■ CloseConnections		
⌚ TBox DB Close Connection		
■ Connection name	DB_CCBA	Input
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input
⌚ TBox Delete File		
■ Directory	{CP[PathCSV]}	Input
■ File	{B[NomeCSV]}	Input

## ⌚ 05 | MarginAccountNetItemsGuiReading

■ GoToMarginAccountNetItems		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ InitCounter		
■ Counter	1	Input
■ Checks		
■ Filter		
⌚ TT AUSTRIA - Margin Account Net Items		
■ Margin Account Id	{Click}	Input
■ SendKeys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	MARGIN ACCOUNT ID	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - Margin Account Net Items		
■ filtervalue	{B[MarginAccountID{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TT AUSTRIA - Margin Account Net Items		
■ Margin Account Id	{Click}	Input
■ SendKeys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input

■ Keys	ISIN	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - Margin Account Net Items		
■ filtervalue	{B[ISIN{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	1500	Input
⌚ TT AUSTRIA - Margin Account Net Items		
■ MRGVIEWW20_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$12	MTM_value{B[Counter]}	Buffer
⌚ TT AUSTRIA - Margin Account Net Items		
■ MRGVIEWW20_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$1	{Click}	Input
■ StoreValues		
⌚ TT AUSTRIA - Margin Account Net Items		
■ Margin account ID :	MarginAccountID{B[Counter]}	Buffer
■ Isin :	ISIN{B[Counter]}	Buffer
■ QTY :	QTY{B[Counter]}	Buffer
■ QTY type :	QTY_TYPE{B[Counter]}	Buffer
■ CTV :	CTV{B[Counter]}	Buffer
■ Accrued interest :	AccruedInterest{B[Counter]}	Buffer
■ Haircut % :	HAIRCUT{B[Counter]}	Buffer
■ Exchange rate :	EXRATE{B[Counter]}	Buffer
■ Risk factor :	RiskFactor{B[Counter]}	Buffer
■ MTM price :	MTM_Price{B[Counter]}	Buffer
■ MTM CTV :	MTM_CTV{B[Counter]}	Buffer
■ Conversions		
⌚ %Conversions		
■ percHAIRCUT{B[Counter]}	{CALC["""{B[HAIRCUT{B[Counter]}]}""""*""""0,01""""]}	Input
⌚ TT AUSTRIA - Margin Account Net Items		
■ Return	{Click}	Input
⌚ Unfilter		
■ Margin Account Id-1010-5010	{Click}	Input
■ Isin-ATISINTEST01	{Click}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

⌚ InitCounter			
└ Counter	1		Input
└ Checks			
⌚ Query			
└ Query	SELECT SUM(UNSETTLED_QUANTITY),SUM (MTM_AMOUNT) FROM CCPADTATT.CPAMGNVW1V WHERE ISIN_CODE= '{B[ISIN{B[Counter]}]}' AND MRGACCTID='{B[MarginAccountID{B[Counter]}]}' FOR READ ONLY		Input
└ automQuery			
⌚ TBox DB Open Connection			
└ Connection name	toscaConnection		Input
└ DSN	tosca		Input
└ User ID	{CP[UsernameWICS]}		Input
└ Password	***** ***** ***** *****		Input
⌚ TBox DB Run SQL Statement			
└ SQL Statement	{B[Query]}		Input
└ Result Table	{NULL}		Select
└ #2	{NULL}		Select
└ #1	net_QTY{B[Counter]}		Buffer
└ #2	net_MTM_CTV{B[Counter]}		Buffer
⌚ TBox DB Close Connection			
└ Connection name	toscaConnection		Input
⌚ verify			
└ QTY{B[Counter]}	{CALC[FIXED("{{B[QTY{B[Counter]}]}}", 2,true)]}		Input
└ MTM_value{B[Counter]}	{CALC[FIXED("{{B[MTM_value{B[Counter]}]}}", 2,true)]}		Input
└ net_QTY{B[Counter]}	{CALC[FIXED("{{B[net_QTY{B[Counter]}]}}", 2,true)]}		Input
└ net_MTM_CTV{B[Counter]}	{CALC[FIXED("{{B[net_MTM_CTV{B[Counter]}]}}", 2,true)]}		Input
└ QTY{B[Counter]}	{B[net_QTY{B[Counter]}]}		Verify
└ MTM_value{B[Counter]}	{B[net_MTM_CTV{B[Counter]}]}		Verify
⌚ Counter++			
└ Counter	{MATH[{B[Counter]}+1]}		Input

## ⌚ 07 | MarginCalculationPerMarginAccount

⌚ InitCounter		
└ Counter	1	Input
└ Checks		
⌚ SearchForExRate		

■ QUERY	SELECT COALESCE(MAX (B.FEERAT),1) FROM CCPADTATT.CGCLS01V A, CCPADTATT.AUSFORX00F B WHERE A.CCURR=B.FCURNE AND A.CMKT = 'XVIE' AND B.FCURCL= 'EUR' AND A.CISIN = '{B[ISIN{B[Counter]}]}' FOR READ ONLY	Input
■ automQuery		
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	{b[QUERY]}	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #1	EXRATE	Buffer
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input
⌚ TBox Set Buffer		
■ EXRATE	1	Input
■ CONVERTED_MTM_CTV{B[Counter]}	{CALC["""{B[MTM_CTV{B[Counter]}]}""""*""" """{B[EXRATE]}""""]}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

## ⌚ 08 | MarginRequirementItemsGuiReading

■ GoToMarginRequirementItems		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ InitCounter		
■ Counter	1	Input
■ Checks		
⌚ TT AUSTRIA - Margin Requirements Items		
■ Margin Account Id	{Click}	Input
■ SendKeys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	MARGIN ACCOUNT ID	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		

■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - Margin Requirements Items		
■ filtervalue	{B[MarginAccountID{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TT AUSTRIA - Margin Requirements Items		
■ Margin Account Id	{Click}	Input
■ SendKeys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	ISIN	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - Margin Requirements Items		
■ filtervalue	{B[ISIN{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	1500	Input
⌚ TT AUSTRIA - Margin Requirements Items		
■ MRGVIEWW30_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$8	GuiAdditionalMargin{B[Counter]}	Buffer
■ \$7	GuiMTMMargin{B[Counter]}	Buffer
■ \$9	GuilInitialMargin{B[Counter]}	Buffer
■ formatConversion		
⌚ TT AUSTRIA - Margin Requirements Items		
■ Margin Account Id-1001-2001	{Click}	Input
■ Isin-AT00BUWOG001	{Click}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

## ⌚ 09 | MTMMarginRequirement--CHECKS

⌚ InitCounter		
■ Counter	1	Input
■ Checks		
⌚ PrepareForCheck		
■ MTM_MarginCalculationPerMarginAccount{B[Counter]}	{CALC[FIXED("{{b[MTM_MarginCalculationPerMarginAccount{B[Counter]}]}}",2,true)]}	Input

■ MTM_MarginCalculationPerMarginAccountUpperTolerance{B[Counter]}	{CALC[FIXED(("{"b[MTM_MarginCalculationPerMarginAccount{B[Counter]}]}"""+""0,05"""),2,true)]}	Input
■ MTM_MarginCalculationPerMarginAccountLowerTolerance{B[Counter]}	{CALC[FIXED(("{"b[MTM_MarginCalculationPerMarginAccount{B[Counter]}]}"""-""0,05"""),2,true)]}	Input
■ GuiMTMMargin{B[Counter]}	{CALC[FIXED("{"B[GuiMTMMargin{B[Counter]}]}""",2,true)]}	Input
■ DecimalConversionsIN		
☛ TBox Convert Decimal		
■ InputValue	{NULL}	Select
■ Value	{B[GuiMTMMargin{B[Counter]}]}	Input
■ DecimalFormat	de	Input
■ ConvertedValue	{NULL}	Select
■ Value	GuiMTMMargin{B[Counter]}	Buffer
■ DecimalFormat	en	Input
☛ TBox Convert Decimal		
■ InputValue	{NULL}	Select
■ Value	{B[MTM_MarginCalculationPerMarginAccountUpperTolerance{B[Counter]}]}	Input
■ DecimalFormat	de	Input
■ ConvertedValue	{NULL}	Select
■ Value	MTM_MarginCalculationPerMarginAccountUpperTolerance{B[Counter]}	Buffer
■ DecimalFormat	en	Input
☛ TBox Convert Decimal		
■ InputValue	{NULL}	Select
■ Value	{B[MTM_MarginCalculationPerMarginAccountLowerTolerance{B[Counter]}]}	Input
■ DecimalFormat	de	Input
■ ConvertedValue	{NULL}	Select
■ Value	MTM_MarginCalculationPerMarginAccountLowerTolerance{B[Counter]}	Buffer
■ DecimalFormat	en	Input
☛ Check		
■ Expression	{B[MTM_MarginCalculationPerMarginAccountUpperTolerance{B[Counter]}]}>{B[GuiMTMMargin{B[Counter]}]} && {B[GuiMTMMargin{B[Counter]}]}>{B[MTM_MarginCalculationPerMarginAccountLowerTolerance{B[Counter]}]}	Verify
■ DecimalConversionsOUT		
☛ TBox Convert Decimal		
■ InputValue	{NULL}	Select
■ Value	{B[GuiMTMMargin{B[Counter]}]}	Input
■ DecimalFormat	en	Input
■ ConvertedValue	{NULL}	Select
■ Value	GuiMTMMargin{B[Counter]}	Buffer
■ DecimalFormat	de	Input

⌚ TBox Convert Decimal			
■ InputValue	{NULL}	Select	
■ Value	{B[MTM_MarginCalculationPerMarginAcco untUpperTolerance{B[Counter]}]}	Input	
■ DecimalFormat	en	Input	
■ ConvertedValue	{NULL}	Select	
■ Value	MTM_MarginCalculationPerMarginAccount UpperTolerance{B[Counter]}	Buffer	
■ DecimalFormat	de	Input	
⌚ TBox Convert Decimal			
■ InputValue	{NULL}	Select	
■ Value	{B[MTM_MarginCalculationPerMarginAcco untLowerTolerance{B[Counter]}]}	Input	
■ DecimalFormat	en	Input	
■ ConvertedValue	{NULL}	Select	
■ Value	MTM_MarginCalculationPerMarginAccount LowerTolerance{B[Counter]}	Buffer	
■ DecimalFormat	de	Input	
⌚ Counter++			
■ Counter	{MATH[{B[Counter]}+1]}	Input	

## ⌚ 10 | AdditionalMarginCalculation

⌚ InitCounter			
■ Counter	1	Input	
⌚ TBox DB Open Connection			
■ Connection name	toscaConnection	Input	
■ DSN	tosca	Input	
■ User ID	{CP[UsernameWICS]}	Input	
■ Password	***** ***** ***** ***** *****	Input	
■ Checks			
⌚ SearchForExRate			
■ QUERY	SELECT COALESCE(MAX (B.FEERAT),1) FROM CCPADTATT.CGCLS01V A, CCPADTATT.AUSFORX00F B WHERE A.CCURR=B.FCURNE AND A.CMKT = 'XVIE' AND B.FCURCL= 'EUR' AND A.CISIN = '{B[ISIN{B[Counter]}]}' FOR READ ONLY	Input	
■ automQuery			
⌚ TBox DB Run SQL Statement			
■ SQL Statement	{b[QUERY]}	Input	
■ Result Table	{NULL}	Select	
■ #2	{NULL}	Select	
■ #1	EXRATE	Buffer	
⌚ %Conversions			

■ PercRiskFactor{B[Counter]}	{CALC["""{B[RiskFactor{B[Counter]}]}""""" "0,01"""]}	Input
■ perchHAIRCUT{B[Counter]}	{CALC["""{B[HAIRCUT{B[Counter]}]}""""" "0,01"""]}	Input
■ OneMinusRiskFactor	{CALC[1-""""{B[percRiskFactor{B[Counter]}]} """]}	Input
■ OneMinusHaircut	{CALC[1-""""{B[perchHAIRCUT{B[Counter]}]}] """]}	Input
■ OnePlusRiskFactor	{CALC[1+""""{B[percRiskFactor{B[Counter]}]} """]}	Input
■ OnePlusHaircut	{CALC[1+""""{B[perchHAIRCUT{B[Counter]}]}] """]}	Input
■ modAccruedInterest	{CALC[ABS("""{B[AccruedInterest{B[Counter]}]}""")]}	Input
☛ ComputeUpsideDownSide		
■ DownSide{B[Counter]}	{CALC["""{B[MTM_Price{B[Counter]}]}""""" """{B[OneMinusRiskFactor]}"""]}	Input
■ UpSide{B[Counter]}	{CALC["""{B[MTM_Price{B[Counter]}]}""""" """{B[OnePlusRiskFactor]}"""]}	Input
☛ ComputeUpsideDownSide		
■ GainLossDownSideExRate{B[Counter]}	{CALC["""{B[GainLossDownSide{B[Counter]}]}""""*""" """{B[EXRATE]}"""]}	Input
■ GainLossUpSideExRate{B[Counter]}	{CALC["""{B[GainLossUpSide{B[Counter]}]}""""*""" """{B[EXRATE]}"""]}	Input
☛ ComputeUpsideDownSide		
■ GainLossDownSideHCT{B[Counter]}	{CALC[ABS("""{B[GainLossDownSideExRate UnitFace{B[Counter]}]}""""*""" """{B[EXRATE{ B[Counter]}]}""""*""" """{B[OnePlusHaircut]}"""]}}	Input
■ GainLossUpSideHCT{B[Counter]}	{CALC[ABS("""{B[GainLossUpSideExRate UnitFace{B[Counter]}]}""""*""" """{B[EXRATE{ B[Counter]}]}""""*""" """{B[OneMinusHaircut]}"""])}	Input
■ Min	{CALC[MAX("""{B[GainLossUpSideHCT{B[ Counter]}]}""", """"{B[GainLossDownSideHC T{B[Counter]}]}"""])}	Input
■ AdditionalMargin{B[Counter]}	{CALC[ABS("""{B[Min]}""")]}	Input
☛ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input
☛ TBox DB Close Connection		
■ Connection name	toscaConnection	Input

## ☛ 11 | AdditionalMargin--CHECKS

☛ InitCounter		
■ Counter	1	Input
■ Checks		
☛ Check		
■ AdditionalMargin{B[Counter]}	{CALC[FIXED("""{B[AdditionalMargin{B[Co unter]}]}""",2,false)]}	Input
■ GuiAdditionalMargin{B[Counter]}	{CALC[FIXED("""{B[GuiAdditionalMargin{B[ Counter]}]}""",2,false)]}	Input
■ AdditionalMarginUpperTolerance{B[Counter]}	{CALC[FIXED("""{B[AdditionalMargin{B[Co unter]}]}"""+""""{CP[Threshold]}""",2,false)]}	Input

<input type="checkbox"/> AdditionalMarginLowerTolerance{B[Counter]}	{CALC[FIXED("{{B[AdditionalMargin{B[Counter]}]}-{CP[Threshold]}}",2,false)]}	Input
<input checked="" type="checkbox"/> Check		
<input type="checkbox"/> Expression	('{{B[GuiAdditionalMargin{B[Counter]}]}>{{B[AdditionalMarginLowerTolerance{B[Counter]}]}}' && '{{B[GuiAdditionalMargin{B[Counter]}]}<{{B[AdditionalMarginUpperTolerance{B[Counter]}]}}'})    '{{B[GuiAdditionalMargin{B[Counter]}]}=={{B[AdditionalMargin{B[Counter]}]}}'	Verify
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input

## 12 | InitialMarginOnMarginRequirementItems--CHECKS

<input checked="" type="checkbox"/> InitCounter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> Checks		
<input checked="" type="checkbox"/> Check		
<input type="checkbox"/> ComputedInitialMargin{B[Counter]}	{CALC["{{B[AdditionalMargin{B[Counter]}]}+{{B[MTM_MarginCalculationPerMarginAccount{B[Counter]}]}}"}"]}	Input
<input checked="" type="checkbox"/> formatConversion		
<input type="checkbox"/> ComputedInitialMargin{B[Counter]}	{CALC[FIXED("{{B[ComputedInitialMargin{B[Counter]}]}}",2,true)]}	Input
<input type="checkbox"/> GuiInitialMargin{B[Counter]}	{CALC[FIXED("{{B[GuiInitialMargin{B[Counter]}]}}",2,true)]}	Input
<input type="checkbox"/> ComputedInitialMarginUpperTolerance{B[Counter]}	{CALC[FIXED("{{B[ComputedInitialMargin{B[Counter]}]}+0,05}}",2,true)]}	Input
<input type="checkbox"/> ComputedInitialMarginLowerTolerance{B[Counter]}	{CALC[FIXED("{{B[ComputedInitialMargin{B[Counter]}]}-0,05}}",2,true)]}	Input
<input checked="" type="checkbox"/> Check		
<input type="checkbox"/> Expression	('{{B[GuiInitialMargin{B[Counter]}]}>{{B[ComputedInitialMarginLowerTolerance{B[Counter]}]}}' && '{{B[GuiInitialMargin{B[Counter]}]}<{{B[ComputedInitialMarginUpperTolerance{B[Counter]}]}}'})    '{{B[GuiInitialMargin{B[Counter]}]}=={{B[ComputedInitialMargin{B[Counter]}]}}'	Verify
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input

## 13 | MarginRequirementDBReading

<input checked="" type="checkbox"/> Query		
<input type="checkbox"/> Query	SELECT MGGRPID, SUM (MGTOTLM), MGGCMID from CCPADTATT.NCMGNPGR2V GROUP BY MGGRPID, MGGCMID ORDER BY RAND () LIMIT {CP[TestSampleSize]} FOR READ ONLY	Input
<input type="checkbox"/> automQuery		
<input checked="" type="checkbox"/> TBox DB Open Connection		

■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ InitCounter		
■ Counter	1	Input
■ Cycles		
⌚ TBox DB Run SQL Statement		
■ SQL Statement	{B[Query]}	Input
■ Result Table	{NULL}	Select
■ #{MATH[{B[Counter]}+1]}	{NULL}	Select
■ #1	MarginReqAccountID{B[Counter]}	Buffer
■ #2	InitialMarginReq{B[Counter]}	Buffer
■ #3	CMownership{B[Counter]}	Buffer
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input

## ⌚ 14 | MarginAddInPercentageGuiReading

■ GoToMarginRequirements		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ InitCounter		
■ Counter	1	Input
■ Checks		
⌚ TT AUSTRIA - ParticipantPage		
■ FILTER	PARTICIPANT CODE	Input
■ filtervalue	{B[CMownership{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TT AUSTRIA - ParticipantPage		
■ CPAMBRW010_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$2		Verify
■ View this record	{Click}	Input
⌚ TT AUSTRIA - Display control participant		
■ MARGIN ADD-IN % :	MarginAddInPercentage{B[Counter]}	Buffer
■ Return	{Click}	Input
■ formatConversion		
⌚ unfilter		
■ CODE-2251	{Click}	Input
⌚ Counter++		

 Counter	{MATH[{B[Counter]}+1]}	Input
---	------------------------	-------

 15   MarginRequirementGuiReading		
 GoToMarginRequirements		
 Click on Menu		
 MENU	{Click}	Input
 InitCounter		
 Counter	1	Input
 Checks		
 TT AUSTRIA - Margin Requirements		
 Margin Account Id	{Click}	Input
 SendKeys		
 TBox Wait		
 Duration	500	Input
 TBox Send Keys		
 Caption	TT *	Input
 Keys	MARGIN ACCOUNT ID	Input
 TBox Wait		
 Duration	500	Input
 TBox Send Keys		
 Caption	TT *	Input
 Keys	"{ENTER}"	Input
 TT AUSTRIA - Margin Requirements		
 filtervalue	{B[MarginReqAccountID{B[Counter]}]}	Input
 +	{Click}	Input
 TBox Wait		
 Duration	500	Input
 TT AUSTRIA - Margin Requirements		
 MRGVIEWW40_grid	{NULL}	Select
 \$1	{NULL}	Select
 \$6	GuiMarginAddIn{B[Counter]}	Buffer
 \$7	GuInitialMargin{B[Counter]}	Buffer
 \$8	GuMarginRequirement{B[Counter]}	Buffer
 formatConversion		
 TT AUSTRIA - Margin Requirements		
 Margin Account Id-1001-2001	{Click}	Input
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input

 16   InitialMarginOnMarginRequirements--CHECKS		
 InitCounter		
 Counter	1	Input
 Checks		
 Check		

<input type="checkbox"/> RoundedInitialMarginReq{B[Counter]}	{CALC[FIXED("{{B[InitialMarginReq{B[Counter]}]}",2,false})]}	Input
<input type="checkbox"/> RoundedInitialMarginReq{B[Counter]}	{B[GuiInitialMargin{B[Counter]}]}	Verify
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input

## C 17 | MarginADDIN--CHECKS

<input checked="" type="checkbox"/> InitCounter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> Checks		
<input checked="" type="checkbox"/> Check		
<input type="checkbox"/> MarginAddIN{B[Counter]}	{CALC["{{B[InitialMarginReq{B[Counter]}]}}*{{B[MarginAddInPercentage{B[Counter]}]}}"}}	Input
<input type="checkbox"/> RoundedMarginAddIN{B[Counter]}	{CALC[FIXED("{{B[MarginAddIN{B[Counter]}]}}",2,false)]}	Input
<input type="checkbox"/> RoundedMarginAddIN{B[Counter]}	{B[GuiMarginAddIn{B[Counter]}]}	Verify
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input

## C 18 | MarginRequirement--CHECKS

<input checked="" type="checkbox"/> InitCounter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> Checks		
<input checked="" type="checkbox"/> Check		
<input type="checkbox"/> MarginRequirement{B[Counter]}	{CALC["{{B[InitialMarginReq{B[Counter]}]}}+{{B[MarginAddIn{B[Counter]}]}}"]}	Input
<input type="checkbox"/> RoundedMarginRequirement{B[Counter]}	{CALC[FIXED("{{B[MarginRequirement{B[Counter]}]}}",2,false)]}	Input
<input type="checkbox"/> RoundedMarginRequirement{B[Counter]}	{B[GuiMarginRequirement{B[Counter]}]}	Verify
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input

## C xx | DELETE ALL BUFFERS

<input checked="" type="checkbox"/> TBox Delete Buffer		
--	--	--

## C 19 | MP20

<input checked="" type="checkbox"/> TBox Set Buffer		
<input type="checkbox"/> NLoop	2	Input
<input checked="" type="checkbox"/> TBox DB Open Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input type="checkbox"/> DSN	tosca	Input
<input type="checkbox"/> User ID	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	***** ***** ***** ***** *****	Input
<input checked="" type="checkbox"/> TBox DB Close Connection		

■ Connection name	toscaConnection	Input
■ MSP20 vs Gui		
☛ InitCounter		
■ Counter	1	Input
☛ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** *****	Input
■ Close Browser		
☛ TBox Wait		
■ Duration	500	Input
■ Login		
☛ OpenUrl		
■ Url	https://10.178.25.6/	Input
☛ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
☛ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ Go to Collateral account Balance		
☛ Click on Menu		
■ MENU	{Click}	Input
☛ TBox DB Run SQL Statement		
■ SQL Statement	select distinct(COLL_ACC_ID) from ccpadtatt.RPTMS1100F limit 5	Input
■ Result Table	{NULL}	Select
■ #1	{NULL}	Select
■ #2	COLL_ACC_ID1	Buffer
■ #3	COLL_ACC_ID2	Buffer
■ #4	COLL_ACC_ID3	Buffer
■ #5	COLL_ACC_ID4	Buffer
■ #6	COLL_ACC_ID5	Buffer
■ Checks		
☛ TBox DB Run SQL Statement		
■ SQL Statement	select * from ccpadtatt.RPTMS1100F where COLL_ACC_ID='{b[COLL_ACC_ID/b[Counter]]}' order by vERSION desc	Input
■ Result Table	{NULL}	Select
■ MRG_ACCT	{NULL}	Select

■ #2	MARGIN_REQUIREMENTS	Buffer
■ #3	SEC.COLLATERAL_PLEDGED	Buffer
■ #4	CASH_REQUIRED	Buffer
■ #5	CASH_HELD	Buffer
■ #6	COLLATERAL_CALL	Buffer
⌚ TBox Set Buffer		
■ MARGIN_REQUIREMENTS	{CALC[FIXED("{{B[MARGIN_REQUIREMENTS]}}",2,false)]}	Input
■ SEC.COLLATERAL_PLEDGED	{CALC[FIXED("{{B[SEC.COLLATERAL_PLEDGED]}}",2,false)]}}	Input
■ CASH_REQUIRED	{CALC[FIXED("{{B[CASH_REQUIRED]}}",2,false)]}	Input
■ CASH_HELD	{CALC[FIXED("{{B[CASH_HELD]}}",2,false)]}	Input
■ COLLATERAL_CALL	{CALC[FIXED("{{B[COLLATERAL_CALL]}}",2,false)]}	Input
⌚ Main Page Collateral Account Balance		
■ filtervalue	{b[COLL_ACC_ID{b[Counter]}]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	200	Input
⌚ Main Page Collateral Account Balance_2		
■ CPACOLBW10_grid	{NULL}	Select
■ #2	{NULL}	Select
■ #5	{b[MARGIN_REQUIREMENTS]}	Verify
■ #6	{b[SEC.COLLATERAL_PLEDGED]}	Verify
■ #7	{b[CASH_HELD]}	Verify
■ #8	{b[CASH_REQUIRED]}	Verify
■ #9	{b[COLLATERAL_CALL]}	Verify
⌚ Main Page Collateral Account Balance_1		
■ COLLATERAL ACCOUNT ID-sdvsdf	{Click}	Input
⌚ Counter++		
■ Counter	{CALC[{b[Counter]}+1]}	Input
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input

⌚ 20   MP21		
⌚ InitCounter		
■ Counter	2	Input
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input

 Checks		
 TBox DB Run SQL Statement		
 SQL Statement	select * from ccpadtatt.RPTMP2100F a,CCPADTATT.CPASETP01V b where a.version in (select max(version) from ccpadtatt.RPTMP2100F) and a.MEMBER_CODE=b.SCMOWNER and a.SETTLEMENT_REF =b.SMSGREF and b.SSTLSTAT<>'FULL' and b.SSTLSTAT<>'CAND'	Input
 Result Table	{NULL}	Select
 #{b[Counter]}	{NULL}	Select
 ISIN	ISIN	Buffer
 SISIN	{b[ISIN]}	Verify
 TRADE_DATE	TRADE_DATE	Buffer
 SVTRDDATE	{b[TRADE_DATE]}	Verify
 INTSETT_DATE	INTSETT_DATE	Buffer
 SVSTLDATE	{b[INTSETT_DATE]}	Verify
 UNSETTLED_QTY	UNSETTLED_QTY	Buffer
 SUNSQTY	{b[UNSETTLED_QTY]}	Verify
 UNSETTLED_AMT	UNSETTLED_AMT	Buffer
 SUNSAMNT	{b[UNSETTLED_AMT]}	Verify
 ORIGINAL_QTY	ORIGINAL_QTY	Buffer
 SORIQTY	{b[ORIGINAL_QTY]}	Verify
 ORIGINAL_AMT	ORIGINAL_AMT	Buffer
 SORIAMNT	{b[ORIGINAL_AMT]}	Verify
 TBox Set Buffer		
 Counter	{CALC[{b[Counter]}+1]}	Input
 TBox DB Close Connection		
 Connection name	toscaConnection	Input

 00  UpdateCashFileDialog(For Semi Manual Execution)		
 TBox Set Buffer		
 Pattern	\d\d\d\d\d\dEUR	Input
 newDate	{DATE[]][yyyymmdd]}EUR	Input
 FileName	CSH.txt	Input
 TBox Read/Create File		
 Directory	{CP[PathSourcesFiles]}	Input
 File	{B[FileName]}	Input
 Text	Text	Buffer
 TC String Operations		
 Value	{b[Text]}	Input
 Operation	Replace.Global	Input
 Result	TextUpdated	Input
 Pattern	{B[Pattern]}	Input
 ReplaceBy	{B[newDate]}	Input

 TBox Read/Create File		
 Directory	{CP[PathSourcesFiles]}	Input
 File	{B[FileName]}	Input
 Text	{b[TextUpdated]}	Input
 Overwrite	True	Input

01  A- CompilefromScratchWithNonRandomSample		
 TBox Set Buffer		
 CollateralAccounts	'CO-1001RC', 'CO-1003-1', 'CO-1004-1', 'CO-1004RC', 'CO-1005-1', 'CO-1006-1', 'CO-1010-1', 'CO-1011-1', 'CO-1012-1'	Input
 count record		
 automQuery		
 query	SELECT count (*) FROM CCPADTATT.CPACOLE00F WHERE COLLATERAL_ACCOUNT_ID IN ({B[CollateralAccounts]}) AND COLLATERAL_TYPE = 'C' FOR READ ONLY	Input
 automQuery		
 TBox DB Open Connection		
 Connection name	toscaConnection	Input
 DSN	tosca	Input
 User ID	{CP[UsernameWICS]}	Input
 Password	***** ***** ***** *****	Input
 TBox DB Run SQL Statement		
 SQL Statement	{B[query]}	Input
 Result Table	{NULL}	Select
 #2	{NULL}	Select
 #1	Tot	Buffer
 TBox DB Close Connection		
 Connection name	toscaConnection	Input
 TBox Counter		
 Counter	1	Input
 records		Input
 Cycle		
 firstField		
 automQuery		

query	SELECT SUBSTRING(INTERNAL_ACCOUNT,1,19) , COLLATERAL_ACCOUNT_ID FROM CCPADTATT.CPACOLE00F WHERE COLLATERAL_ACCOUNT_ID IN ({B[CollateralAccounts]}) AND COLLATERAL_TYPE = 'C' FOR READ ONLY	Input
automQuery		
TBox DB Open Connection		
Connection name	toscaConnection	Input
DSN	tosca	Input
User ID	{CP[UsernameWICS]}	Input
Password	***** ***** ***** ***** *****	Input
TBox DB Run SQL Statement		
SQL Statement	{B[query]}	Input
Result Table	{NULL}	Select
#{MATH[{B[Counter]}+1]}	{NULL}	Select
#1	ExternalAccount{B[Counter]}	Buffer
#2	CollateralAccountID{B[Counter]}	Buffer
TBox DB Close Connection		
Connection name	toscaConnection	Input
secondField		
cash{B[Counter]}	000000000{RND[2]}00	Input
thirdField and Fourth		
date	{DATE[]][yyyyMMdd]}	Input
Currency	EUR	Input
TBox Set Buffer		
record	{B[ExternalAccount{B[Counter]}]}{B[cash{B[Counter]}]}00{B[date]}{B[currency]}	Input
records	{B[record]} {B[records]}	Input
TBox Counter		
Counter	{MATH[{B[Counter]}+1]}	Input
TBox filename		
filename	CSH.txt	Input
TBox Read/Create File		
Directory	{CP[PathSourcesFiles]}	Input
File	{B[FileName]}	Input
Text	{B[Records]}	Input
Overwrite	True	Input

## 01 |B- CompilefromScratchWithRandomSample

ChooseRandomSample		
TBox DB Open Connection		

■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ InitCounter		
■ Counter	1	Input
■ ChooseRandomSample		
⌚ TBox Set Buffer		
■ Query	SELECT COLLATERAL_ACCOUNT_ID FROM CCPADTATT.CPACOLB01V ORDER BY RAND() FOR READ ONLY	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	{B[Query]}	Input
■ Result Table	{NULL}	Select
■ #{MATH[{B[Counter]}+1]}	{NULL}	Select
■ #1	CollateralAccountID{B[Counter]}	Buffer
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input
■ count record		
⌚ automQuery		
■ query	SELECT count (*) FROM CCPADTATT.CPACOLE00F WHERE COLLATERAL_ACCOUNT_ID IN ({B[CollateralAccounts]}) AND COLLATERAL_TYPE = 'C' AND CURRENCY = 'EUR' FOR READ ONLY	Input
■ automQuery		
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	{B[query]}	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #1	Tot	Buffer
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input
⌚ TBox Counter		

Counter	1	Input
records		Input
Cycle		
firstField		
automQuery		
query	<pre>SELECT SUBSTRING(INTERNAL_ACCOUNT,1,19) , COLLATERAL_ACCOUNT_ID FROM CCPADTATT.CPACOLE00F WHERE COLLATERAL_ACCOUNT_ID IN ({B[CollateralAccounts]}) AND COLLATERAL_TYPE = 'C' FOR READ ONLY</pre>	Input
automQuery		
TBox DB Open Connection		
Connection name	toscaConnection	Input
DSN	tosca	Input
User ID	{CP[UsernameWICS]}	Input
Password	***** ***** ***** ***** *****	Input
TBox DB Run SQL Statement		
SQL Statement	{B[query]}	Input
Result Table	{NULL}	Select
#{{MATH[{B[Counter]}+1]}}	{NULL}	Select
#1	ExternalAccount{B[Counter]}	Buffer
#2	CollateralAccountId{B[Counter]}	Buffer
TBox DB Close Connection		
Connection name	toscaConnection	Input
secondField		
cash{B[Counter]}	000000000{RND[2]}00	Input
thirdField and Fourth		
date	{DATE[]][yyyyMMdd]}	Input
Currency	EUR	Input
TBox Set Buffer		
record	{B[ExternalAccount{B[Counter]}]}{B[cash{B[Counter]}]}00{B[date]}{B[currency]}	Input
records	{B[record]}\n{B[records]}	Input
TBox Counter		
Counter	{MATH[{B[Counter]}+1]}	Input
TBox filename		
filename	CSH.txt	Input
TBox Read/Create File		
Directory	{CP[PathSourcesFiles]}	Input
File	{B[FileName]}	Input
Text	{B[Records]}	Input

■ Overwrite	True	Input
<b>C 02  storeFirstValueInCollateralBalanceItems</b>		
■ Close Browser		
■ Login		
⌚ TBox Wait		
■ Duration	250	Input
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ TBox Wait		
■ Duration	250	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⌚ TBox Wait		
■ Duration	250	Input
⌚ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ GoToCollateralBalanceItems		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ init counter		
■ Counter	1	Input
■ Filter for Test account		
■ filters		
⌚ TT AUSTRIA - Collateral Balance Items		
■ COLLATERAL ACCOUNT	{Click}	Input
■ SEND KEYS		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	COLLATERAL ACCOUNT	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	Input	
⌚ TT AUSTRIA - Collateral Balance Items		
■ filtervalue	{B[CollateralAccountID{B[Counter]}]}	Input
■ +	X	Input
⌚ TBox Wait		

■ Duration	250	Input
⌚ TT AUSTRIA - Collateral Balance Items		
■ COLLATERAL ACCOUNT	{Click}	Input
■ SEND KEYS		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	COLLATERAL TYPE	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	Input	
⌚ TT AUSTRIA - Collateral Balance Items		
■ filtervalue	CASH	Input
■ +	X	Input
⌚ TBox Wait		
■ Duration	250	Input
⌚ TT AUSTRIA - Collateral Balance Items		
■ COLLATERAL ACCOUNT	{Click}	Input
■ SEND KEYS		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	CURRENCY	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	{ENTER}"	Input
⌚ TT AUSTRIA - Collateral Balance Items		
■ filtervalue	EUR	Input
■ +	X	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TT AUSTRIA - Collateral Balance Items		
■ CPADEPOW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$11	cashHeldInit{B[Counter]}	Buffer
⌚ removeFilters		
■ COLLATERAL ACCOUNT-wsdf	{Click}	Input
■ COLLATERAL TYPE-sdf	{Click}	Input

■ CURRENCY-sdf	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

### 03 |Send Cash File into the System

⌚ CSHName		
■ CSHName	CSH{DATE[]}{yyMMdd_HHmmss}.txt	Input
⌚ TBox Copy File		
■ Source	{CP[PathSourcesFiles]}\CSH.txt	Input
■ Target Directory	{CP[PathFeedCashCollateral]}	Input
■ Target Filename	{B[CSHName]}	Input
■ Overwrite	True	Input

### 04 |verify in Monitor Log

■ Go To Monitor		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA - Monitor Log		
■ EXECUTED	{Click}	Input
■ First Row	{NULL}	Select
■ \$0	{NULL}	Select
■ \$3	{CLICK}	Input
⌚ TBox Wait		
■ Duration	1000	Input
⌚ TT AUSTRIA - Monitor Log		
■ First Row	{NULL}	Select
■ \$0	{NULL}	Select
■ \$3	{CLICK}	Input
⌚ TBox Wait		
■ Duration	1000	Input
⌚ TT AUSTRIA - Monitor Log		
■ CPAMNT010_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$1	CASH000	Verify
■ \$2	END OF CASH FILE: {B[CSHName]}	Verify

### 05 |Launch Margin Call and wait

■ Go To External Collateral Account Transaction		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ click on launch margin run		
■ Submit Job Immediately	X	Input
⌚ Okay		

■ Margin Run	X	Input
⌚ Wait		
■ Duration	4000	Input
⌚ okay		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	40000	Input
■ Close Browser		

### ⌚ 06 |verify External Collateral Account Transaction

■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	{Click}	Input
⌚ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ Go To External Collateral Account Transaction		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ init counter		
■ Counter	1	Input
■ checks		
■ filtri		
⌚ TT AUSTRIA - External Collateral Account Transactions		
■ COLLATERAL ACCOUNT ID	{Click}	Input
■ SEND KEYS		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	TRANSACTION DATE	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - External Collateral Account Transactions		
■ filtervalue	{DATE}[[yy-MM-dd]]	Input

⌚ TT AUSTRIA - External Collateral Account Transactions		
■ +	x	Input
⌚ TT AUSTRIA - External Collateral Account Transactions		
■ COLLATERAL ACCOUNT ID	{Click}	Input
■ SEND KEYS		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	COLLATERAL TYPE	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - External Collateral Account Transactions		
■ filtervalue	CASH	Input
⌚ TT AUSTRIA - External Collateral Account Transactions		
■ +	x	Input
⌚ TT AUSTRIA - External Collateral Account Transactions		
■ COLLATERAL ACCOUNT ID	{Click}	Input
■ SEND KEYS		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	COLLATERAL ACCOUNT ID	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - External Collateral Account Transactions		
■ filtervalue	{B[CollateralAccountID{B[Counter]}]}	Input
⌚ TT AUSTRIA - External Collateral Account Transactions		
■ +	x	Input
⌚ TBox Wait		
■ Duration	1500	Input
⌚ TT AUSTRIA - External Collateral Account Transactions		

CPAdept010_grid	{NULL}	Select
\$last	{NULL}	Select
\$10	CTV{B[Counter]}	Buffer
Verify values		
reconvert cash value		
finalCashHeld	{B[cash{B[Counter]}]},00	Input
sum type conversion		
sum	{CALC[FIXED("{{B[CTV{B[Counter]}]}}"+ "{{B[cashHeldinit{B[Counter]}]}}",5,false)]}	Input
final	{CALC[FIXED("{{B[cash{B[Counter]}]}}",5,false)]}	Input
TBox Evaluation Tool		
Expression	'{B[sum]}'=='{B[final]}'	Verify
TT AUSTRIA - External Collateral Account Transactions		
TRANSACTION DATE-2019-10-15	{Click}	Input
COLLATERAL TYPE-CASH	{Click}	Input
COLLATERAL ACCOUNT ID-CO-1001-1	{Click}	Input
Counter++		
Counter	{MATH[{B[Counter]}+1]}	Input

## C 07 |verifyNewCashHeldValueOnBalanceItems

Go To External Collateral Account Transaction		
Click on Menu		
MENU	{Click}	Input
init counter		
Counter	1	Input
Verify values		
Filter for Test account		
TT AUSTRIA - Collateral Balance Items		
COLLATERAL ACCOUNT	{Click}	Input
SEND KEYS		
TBox Wait		
Duration	500	Input
TBox Send Keys		
Caption	TT*	Input
Keys	COLLATERAL ACCOUNT	Input
TBox Wait		
Duration	500	Input
TBox Send Keys		
Caption	TT*	Input
Keys	"{ENTER}"	Input
TT AUSTRIA - Collateral Balance Items		
filtervalue	{B[CollateralAccountID{B[Counter]}]}	Input
+	X	Input
TT AUSTRIA - Collateral Balance Items		

■ COLLATERAL ACCOUNT	{Click}	Input
■ SEND KEYS		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	COLLATERAL TYPE	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - Collateral Balance Items		
■ filtervalue	CASH	Input
■ +	X	Input
⌚ TT AUSTRIA - Collateral Balance Items		
■ COLLATERAL ACCOUNT	{Click}	Input
■ SEND KEYS		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	CURRENCY	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - Collateral Balance Items		
■ filtervalue	EUR	Input
■ +	X	Input
⌚ TT AUSTRIA - Collateral Balance Items		
■ CPADEPOW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$11	cashHeldFinalView{B[Counter]}	Buffer
⌚ verify		
■ cashHeldFinalView{B[Counter]}	{CALC[FIXED("{{B[cashHeldFinalView{B[Counter]}]}}",2,true)]}}	Input
■ cash{B[Counter]}	{CALC[FIXED("{{B[cash{B[Counter]}]}}",2,true)]}}	Input
■ cash{B[Counter]}	{B[cashHeldFinalView{B[Counter]}]}	Verify
⌚ removeFilters		
■ COLLATERAL ACCOUNT-wsdf	{Click}	Input
■ COLLATERAL TYPE-sdf	{Click}	Input
■ CURRENCY-sdf	{Click}	Input

 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input

### 08 | CashHeldOnCollateralAccountBalance

 Go To Collateral Account Balance		
 Click on Menu		
 MENU	{Click}	Input
 init counter		
 Counter	1	Input
 Verify values		
 Filter		
 clickfilter		
 COLLATERAL ACCOUNT ID	{CLICK}	Input
 SendKeys		
 TBox Wait		
 Duration	500	Input
 TBox Send Keys		
 Caption	TT *	Input
 Keys	COLLATERAL ACCOUNT ID	Input
 TBox Wait		
 Duration	500	Input
 TBox Send Keys		
 Caption	TT *	Input
 Keys	"{ENTER}"	Input
 clickfilter		
 filtervalue	{B[CollateralAccountID{B[Counter]}]}	Input
 +	{Click}	Input
 TT AUSTRIA - Collateral Account Balance		
 CPACOLBW10_grid	{NULL}	Select
 \$1	{NULL}	Select
 \$7	CashHeld{B[Counter]}	Buffer
 unfilter		
 COLLATERAL ACCOUNT ID-sdvdsdf	{CLICK}	Input
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input

### 09 | searchSumViaDataBase

 init counter		
 Counter	1	Input
 TBox DB Open Connection		
 Connection name	toscaConnection	Input
 DSN	tosca	Input
 User ID	{CP[UsernameWICS]}	Input

■ Password	***** ***** ***** *****	Input
■ Verify values		
⌚ TBox DB Run SQL Statement		
■ SQL Statement	select sum(net_balance) from CCPADTATT.CPADEPO01V where COLLATERAL_TYPE='CASH' AND COLLATERAL_ACCOUNT_ID='{B[CollateralAccountID{B[Counter]}]}'	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #1	sumBalanceItems{B[Counter]}	Buffer
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input

### C 10 | verifyCashHeld

⌚ init counter		
■ Counter	1	Input
■ Verify values		
⌚ convert		
■ sumBalanceItems{B[Counter]}	{CALC[FIXED("{{B[sumBalanceItems{B[Counter]}]}}",2,false)]}	Input
⌚ verify		
■ sumBalanceItems{B[Counter]}	{B[CashHeld{B[Counter]}]}	Verify
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

### C 11 | verify Collateral Account Balance Data (Cash Required, Margin, SecCollateral)\_1

■ Go To External Collateral Account Balance		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ init counter		
■ Counter	1	Input
■ Verify values		
⌚ TT AUSTRIA - Collateral Account Balance		
■ CPACOLBW10_grid	{NULL}	Select
■ \${B[Counter]}	{NULL}	Select
■ \$5	MarginRequirement	Buffer
■ \$6	SecuritiesCollateralPledge	Buffer
■ \$8	CashRequired	Buffer
⌚ sum type conversion		
■ MarginRequirement	{CALC[FIXED("{{B[MarginRequirement]}}",5,true)]}	Input

■ CollateralAndCash	{CALC[FIXED((""{B[SecuritiesCollateralPI edge]}""+"""{B[CashRequired]}"""),5,fals e)]}	Input
■ CollateralAndCash	{CALC[FIXED((""{B[CollateralAndCash]}"" ",5,true)])}	Input
■ MarginRequirement	{B[CollateralAndCash]}	Verify
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

## C 12 |verify Collateral Account Balance Data (Cash Required,Margin,SecCollateral)

■ Go To External Collateral Account Balance		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ init counter		
■ Counter	1	Input
■ Verify values		
■ Filter		
⌚ clickfilter		
■ COLLATERAL ACCOUNT ID	{CLICK}	Input
■ SendKeys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	COLLATERAL ACCOUNT ID	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ clickfilter		
■ filtervalue	{B[CollateralAccountID{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TT AUSTRIA - Collateral Account Balance		
■ CPACOLBW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$5	MarginRequirement{B[Counter]}	Buffer
■ \$9	CollateralCall{B[Counter]}	Buffer
■ \$10	Call{B[Counter]}	Buffer
⌚ sum type conversion		
■ MarginRequirement	{CALC[FIXED((""{B[MarginRequirement]}" ",5,true)])}	Input
■ CollateralAndCash	{CALC[FIXED((""{B[SecuritiesCollateralPI edge]}""+"""{B[CashRequired]}"""),5,fals e)]}	Input
■ CollateralAndCash	{CALC[FIXED((""{B[CollateralAndCash]}" ",5,true)])}	Input

<input type="checkbox"/> MarginRequirement	{B[CollateralAndCash]}	Verify
<input checked="" type="checkbox"/> unfilter		
<input type="checkbox"/> COLLATERAL ACCOUNT ID-sdvsdf	{CLICK}	Input
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input

### C 13 |verify Collateral Account Balance Data (if No)

<input checked="" type="checkbox"/> init counter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> Verify values		
<input checked="" type="checkbox"/> TT AUSTRIA - Collateral Account Balance		
<input type="checkbox"/> CPACOLBW10_grid	{NULL}	Select
<input type="checkbox"/> \${B[Counter]}	{NULL}	Select
<input type="checkbox"/> \$9	collateralCall	Buffer
<input type="checkbox"/> \$7	cashHeld	Buffer
<input type="checkbox"/> \$8	CashRequired	Buffer
<input checked="" type="checkbox"/> sum type conversion		
<input type="checkbox"/> sum	{CALC[(FIXED("\$\$\${B[CashRequired]}\$\$"-\$\$\${B[collateralCall]}\$\$"-\$\$\${B[cashHeld]}\$\$",2)*100)]}}	Input
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input

### C 14 |verify Collateral Account Balance Data (if Call)

<input checked="" type="checkbox"/> init counter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> Verify values		
<input checked="" type="checkbox"/> TT AUSTRIA - Collateral Account Balance		
<input type="checkbox"/> CPACOLBW10_grid	{NULL}	Select
<input type="checkbox"/> \${B[Counter]}	{NULL}	Select
<input type="checkbox"/> \$9	collateralCall	Buffer
<input type="checkbox"/> \$7	cashHeld	Buffer
<input type="checkbox"/> \$8	CashRequired	Buffer
<input checked="" type="checkbox"/> sum type conversion		
<input type="checkbox"/> sum	{CALC[(FIXED("\$\$\${B[CashRequired]}\$\$"-\$\$\${B[collateralCall]}\$\$"-\$\$\${B[cashHeld]}\$\$",2)*100)]}}	Input
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input

### C 15 |verify Collateral Account Balance Data (if Warn)

<input checked="" type="checkbox"/> init counter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> Verify values		
<input checked="" type="checkbox"/> TT AUSTRIA - Collateral Account Balance		
<input type="checkbox"/> CPACOLBW10_grid	{NULL}	Select

■ \${B[Counter]}	{NULL}	Select
■ \$9	collateralCall	Buffer
■ \$7	cashHeld	Buffer
■ \$8	CashRequired	Buffer
⌚ sum type conversion		
■ sum	{CALC[(FIXED(""""{B[CashRequired]""" - """{B[collateralCall]}""" - """{B[cashHeld]}""", 1)*100))]}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

### ⌚ 16 | verify Collateral Account Balance Data via CSV

■ DownloadCSV		
⌚ TT AUSTRIA - Collateral Account Balance		
■ ,	{CLICK}	Input
⌚ TT AUSTRIA - Collateral Account Balance		
■ Export to Csv	X	Input
⌚ Apertura di excel csv - participant		
■ 21489393CPAMBR01V_20191011_14_48_IT.csv	NomeCSV	Buffer
■ OK	{Click}	Input
⌚ TBox Wait		
■ Duration	3000	Input
■ Checks		
⌚ TBox DB Open Connection		
■ Connection name	DB_CCPA	Input
■ DSN	DB_CCPA	Input
⌚ TBox Set Buffer		
■ RowNum	2	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	SELECT * FROM [{B[NomeCSV]}]	Input
■ Result Table	totRowCount	Buffer
⌚ TBox DB Close Connection		
■ Connection name	DB_CCPA	Input
⌚ TBox Delete File		
■ Directory	{CP[PathCSV]}	Input
■ File	{B[NomeCSV]}	Input

### ⌚ 17 | MarginRequirementVSCollateralAccount --CHECK

⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** *****	Input

⌚ InitCounter			
█ Counter	1		Input
█ Checks			
⌚ SetQuery			
█ Query	select collateral_account_id,margin_requirements from CCPADTATT.CPACOLB00F where collateral_account_id in (select collateral_account_id from CCPADTATT.CPAPACC00F where position_account_id in(select substring(MGGRPID from 6 for 9) from ccpadtatt.NCMGNPGR1V) and collateral_account_id= '{B[CollateralAccountID{B[Counter]}]}' order by collateral_account_id FOR READ ONLY		Input
⌚ TBox DB Run SQL Statement			
█ SQL Statement	{B[Query]}		Input
█ Result Table	{NULL}		Select
█ #2	{NULL}		Select
█ #2	dBMarginReq{B[Counter]}		Buffer
⌚ Check			
█ dBMarginReq{B[Counter]}	{CALC[FIXED("{{B[dBMarginReq{B[Counter]}]}}","2,false)]}		Input
█ dBMarginReq{B[Counter]}	{B[MarginRequirement{B[Counter]}]}		Verify
⌚ Counter++			
█ Counter	{MATH[{B[Counter]}+1]}		Input
⌚ TBox DB Close Connection			
█ Connection name	toscaConnection		Input

## ⌚ 18 | Launch\_MT503

█ Close Browser		
⌚ TBox Wait		
█ Duration	500	Input
█ Login		
⌚ OpenUrl		
█ Url	https://10.178.25.6/	Input
⌚ Select Environment		
█ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
█ Username	{CP[UsernameWICS]}	Input
█ Password	{Click}	Input
█ Password	{CP[PasswordWICS]}	Input
█ Submit	{Click}	Input
█ Go To		
⌚ Click on Menu		
█ MENU	{Click}	Input

⌚ click on launch margin run			
■ Submit Job Immediately	X		Input
⌚ ClickOnCashSettlement			
■ ISO MT 503 margin call statement generation	{Click}		Input
⌚ TBox Set Buffer			
■ Time_Swift	{DATE[::][yyyy-MM-dd-HH.mm]}		Input
⌚ Wait			
■ Duration	4000		Input
⌚ okay			
■ Caption	TT *		Input
■ Keys	"{ENTER}"		Input
⌚ TBox Wait			
■ Duration	100000		Input

### ⌚ 19 | Check swift log

■ Close Browser			
⌚ TBox Wait			
■ Duration	500		Input
■ Login			
⌚ OpenUrl			
■ Url	https://10.178.25.6/		Input
⌚ Select Environment			
■ ITE2 - Internal Test Environment 2	X		Input
⌚ Login Credentials			
■ Username	{CP[UsernameWICS]}		Input
■ Password	{Click}		Input
■ Password	{CP>PasswordWICS]}		Input
■ Submit	{Click}		Input
■ Go To			
⌚ Click on Menu			
■ MENU	{Click}		Input
⌚ TBox Wait			
■ Duration	10000		Input
⌚ Swift Log Menu			
■ filtervalue	MT503		Input
■ +	{Click}		Input
⌚ TBox Wait			
■ Duration	10000		Input
⌚ Swift Log Menu_1			
■ TABLE	{NULL}		Select
■ #1	{NULL}		Select
■ #11	{CLICK}		Input
⌚ TBox Wait			
■ Duration	10000		Input

⌚ Swift Log Menu_1		
■ TABLE	{NULL}	Select
■ #1	{NULL}	Select
■ #11	{CLICK}	Input
⌚ TBox Wait		
■ Duration	5000	Input
⌚ Swift Log Menu_2		
■ CPASCHKW10_grid	{NULL}	Select
■ #2	{NULL}	Select
■ #11	DATE_SWIFT	Buffer
⌚ TC String Operations		
■ Value	{b[DATE_SWIFT]}	Input
■ Operation	ReplaceBy.Global	Input
■ Pattern	-	Input
■ Result	DATE_SWIFT	Input
⌚ TC String Operations		
■ Value	{b[DATE_SWIFT]}	Input
■ Operation	ReplaceBy.Global	Input
■ Pattern	\.	Input
■ Result	DATE_SWIFT	Input
⌚ TBox Partial Buffer		
■ Buffer	DATE_SWIFT	Input
■ Value	{b[DATE_SWIFT]}	Input
■ Start	1	Input
■ End	14	Input
⌚ TBox Set Buffer		
■ Time_Swift_Lower	{calc[{b[Time_Swift]}-500]}	Input
■ Time_Swift_Upper	{calc[{b[Time_Swift]}+500]}	Input
⌚ Swift Log Menu_3		
■ CODE MSG-MT535	{Click}	Input
⌚ TBox Evaluation Tool		
■ Expression	{b[Time_Swift_Upper]}>{b[DATE_SWIFT]} && {b[DATE_SWIFT]}>{b[Time_Swift_Lower]}	Verify

⌚ 20   Launch_MT506		
■ Close Browser		
⌚ TBox Wait		
■ Duration	500	Input
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		

■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ Go To		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ click on launch margin run		
■ Submit Job Immediately	X	Input
⌚ ClickOnCashSettlement		
■ ISO MT 506 collateral statement generation	{Click}	Input
⌚ TBox Set Buffer		
■ Time_Swift	{DATE[]][yyyy-MM-dd-HH.mm]}	Input
⌚ Wait		
■ Duration	4000	Input
⌚ okay		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	100000	Input

## ⌚ 21 | Check swift log

■ Close Browser		
⌚ TBox Wait		
■ Duration	500	Input
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ Go To		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TBox Wait		
■ Duration	10000	Input
⌚ Swift Log Menu		
■ filtervalue	MT506	Input
■ +	{Click}	Input
⌚ TBox Wait		

Duration	10000	Input
Swift Log Menu_1		
TABLE	{NULL}	Select
#1	{NULL}	Select
#11	{CLICK}	Input
TBox Wait		
Duration	10000	Input
Swift Log Menu_1		
TABLE	{NULL}	Select
#1	{NULL}	Select
#11	{CLICK}	Input
TBox Wait		
Duration	5000	Input
Swift Log Menu_2		
CPASCHKW10_grid	{NULL}	Select
#2	{NULL}	Select
#11	DATE_SWIFT	Buffer
TC String Operations		
Value	{b[DATE_SWIFT]}	Input
Operation	ReplaceBy.Global	Input
Pattern	-	Input
Result	DATE_SWIFT	Input
TC String Operations		
Value	{b[DATE_SWIFT]}	Input
Operation	ReplaceBy.Global	Input
Pattern	\.	Input
Result	DATE_SWIFT	Input
TBox Partial Buffer		
Buffer	DATE_SWIFT	Input
Value	{b[DATE_SWIFT]}	Input
Start	1	Input
End	14	Input
TBox Set Buffer		
Time_Swift_Lower	{calc[{b[Time_Swift]}-500]}	Input
Time_Swift_Upper	{calc[{b[Time_Swift]}+500]}	Input
Swift Log Menu_3		
CODE MSG-MT535	{Click}	Input
TBox Evaluation Tool		
Expression	{b[Time_Swift_Upper]}>{b[DATE_SWIFT]} && {b[DATE_SWIFT]}>{b[Time_Swift_Lower]}	Verify

## 01 | MS33ReportCheck

InitCounter		
Counter	1	Input

🕒 TBox DB Open Connection			
■ Connection name	Tosca		Input
■ DSN	Tosca		Input
■ User ID	{cp[UsernameWICS]}		Input
■ Password	***** ***** ***** *****		Input
■ Checks			
🕒 TBox Partial Buffer			
■ Buffer	ColCall		Input
■ Value	{b[CollateralCall{B[Counter]}]}		Input
■ Start	2		Input
🕒 Check			
■ Expression	('{b[dBCollateralCall]}'+'{b[Threshold]}'>'{b[CollateralCall{B[Counter]}]}'&&'{b[CollateralCall{B[Counter]}]}'>'{b[dBCollateralCall]}'-'{b[Threshold]}'  ('{b[CollateralCall{B[Counter]}]}'={b[dBCollateralCall]})		Verify
🕒 Counter++			
■ Counter	{MATH[{B[Counter]}+1]}		Input
🕒 TBox DB Close Connection			
■ Connection name	Tosca		Input

## 🕒 08 | MS36ReportCheck

🕒 InitCounter		
■ Counter	{RND[2][100]}	Input
🕒 TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** *****	Input
■ Close Browser		
🕒 TBox Wait		
■ Duration	500	Input
■ Login		
🕒 OpenUrl		
■ Url	https://10.178.25.6/	Input
🕒 Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
🕒 Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input

Go to margin requiremets		
Click on Menu		
MENU	{Click}	Input
Checks		
TBox DB Run SQL Statement		
SQL Statement	select * from ccpadtatt.RPTMS3600F a, CCPADTATT.CPACCOLB00F b where a.version in (select max(version) from ccpadtatt.RPTMS3600F) and a.COLL_ACC_ID=b.collateral_account_id	Input
Result Table	{NULL}	Select
#{b[Counter]}	{NULL}	Select
MRG_ACC_ID	MRG_ACC_ID	Buffer
MRG_AMT	MRG_AMT	Buffer
MRG_CALL_AMT	MRG_CALL_AMT	Buffer
COLLATERAL_CALL	COLLATERAL_CALL	Buffer
COLL_VALUE	COLL_VALUE	Buffer
MARGIN_REQUIREMENTS	MARGIN_REQUIREMENTS	Buffer
TBox Set Buffer		
MARGIN_REQUIREMENTS	{CALC[FIXED("{{B[MARGIN_REQUIREMENTS]}}",2,false)]}}	Input
COLL_VALUE	{CALC[FIXED("{{B[COLL_VALUE]}}",2,f alse)]}}	Input
MRG_CALL_AMT	{CALC[FIXED("{{B[MRG_CALL_AMT]}}",2,f alse)]}}	Input
MARGIN_REQUIREMENTS	{CALC["{{B[COLL_VALUE]}}"+ "{{B[MR G_CALL_AMT]}}"]}	Input
COLLATERAL_CALL	{CALC[FIXED("{{B[COLLATERAL_CALL]}}",2,f alse)]}}	Input
COLLATERAL_CALL	{b[MRG_CALL_AMT]}	Verify
Threshold	0.2	Input
Check		
Expression	('{{b[MRG_CALL_AMT]}}+{{b[Threshold]}})>'{{ b[COLLATERAL_CALL]}}'&&{{b[COLLATER AL_CALL]}}>'{{b[MRG_CALL_AMT]}}'-{{b[Thr eshold]}}'  ({{b[COLLATERAL_CALL]}}='{{b[ MRG_CALL_AMT]}}')	Verify
Filters and dowload Margin Requirements		
filtervalue	{b[MRG_ACC_ID]}	Input
+	{Click}	Input
TBox Wait		
Duration	200	Input
Filters and dowload Margin Requirements		
MRGVIEWW40_grid	{NULL}	Select
#2	{NULL}	Select
#1	{b[MRG_ACC_ID]}	Verify
#8	{b[MRG_AMT]}	Verify
Margin Account Id-1001-1001	{Click}	Input
Counter++		

<input type="checkbox"/> Counter	{RND[2][100]}	Input
<input checked="" type="checkbox"/> TBox DB Close Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input

## 05 | MS11

<input checked="" type="checkbox"/> InitCounter		
<input type="checkbox"/> Counter	1	Input
<input checked="" type="checkbox"/> TBox DB Open Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input type="checkbox"/> DSN	tosca	Input
<input type="checkbox"/> User ID	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	***** ***** ***** ***** *****	Input
<input type="checkbox"/> Close Browser		
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input type="checkbox"/> Login		
<input checked="" type="checkbox"/> OpenUrl		
<input type="checkbox"/> Url	https://10.178.25.6/	Input
<input checked="" type="checkbox"/> Select Environment		
<input type="checkbox"/> ITE2 - Internal Test Environment 2	X	Input
<input checked="" type="checkbox"/> Login Credentials		
<input type="checkbox"/> Username	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	{Click}	Input
<input type="checkbox"/> Password	{CP[PasswordWICS]}	Input
<input type="checkbox"/> Submit	{Click}	Input
<input type="checkbox"/> Go to Collateral account Balance		
<input checked="" type="checkbox"/> Click on Menu		
<input type="checkbox"/> MENU	{Click}	Input
<input checked="" type="checkbox"/> TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	select distinct(COLL_ACC_ID) from ccpadtatt.RPTMS1100F limit 5	Input
<input type="checkbox"/> Result Table	{NULL}	Select
<input type="checkbox"/> #1	{NULL}	Select
<input type="checkbox"/> #2	COLL_ACC_ID1	Buffer
<input type="checkbox"/> #3	COLL_ACC_ID2	Buffer
<input type="checkbox"/> #4	COLL_ACC_ID3	Buffer
<input type="checkbox"/> #5	COLL_ACC_ID4	Buffer
<input type="checkbox"/> #6	COLL_ACC_ID5	Buffer
<input type="checkbox"/> Checks		
<input checked="" type="checkbox"/> TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	select * from ccpadtatt.RPTMS1100F where COLL_ACC_ID={b[COLL_ACC_ID{b[Counter]}]}' order by vERSION desc	Input

Result Table	{NULL}	Select
MRG_ACCT	{NULL}	Select
#2	MARGIN_REQUIREMENTS	Buffer
#3	SEC.COLLATERAL_PLEDGED	Buffer
#4	CASH_REQUIRED	Buffer
#5	CASH_HELD	Buffer
#6	COLLATERAL_CALL	Buffer
TBox Set Buffer		
MARGIN_REQUIREMENTS	{CALC[FIXED("{{B[MARGIN_REQUIREMENTS]}}",2,false)]}}	Input
SEC.COLLATERAL_PLEDGED	{CALC[FIXED("{{B[SEC.COLLATERAL_PLEDGED]}}",2,false)]}}	Input
CASH_REQUIRED	{CALC[FIXED("{{B[CASH_REQUIRED]}}",2,false)]}}	Input
CASH_HELD	{CALC[FIXED("{{B[CASH_HELD]}}",2,false)]}}	Input
COLLATERAL_CALL	{CALC[FIXED("{{B[COLLATERAL_CALL]}}",2,false)]}}	Input
Main Page Collateral Account Balance		
filtervalue	{b[COLL_ACC_ID{b[Counter]}]}	Input
+	{Click}	Input
TBox Wait		
Duration	200	Input
Main Page Collateral Account Balance_2		
CPACOLBW10_grid	{NULL}	Select
#2	{NULL}	Select
#5	{b[MARGIN_REQUIREMENTS]}	Verify
#6	{b[SEC.COLLATERAL_PLEDGED]}	Verify
#7	{b[CASH_HELD]}	Verify
#8	{b[CASH_REQUIRED]}	Verify
#9	{b[COLLATERAL_CALL]}	Verify
Main Page Collateral Account Balance_1		
COLLATERAL ACCOUNT ID-sdvsdf	{Click}	Input
Counter++		
Counter	{MATH[{B[Counter]}+1]}	Input
TBox DB Close Connection		
Connection name	toscaConnection	Input

### xx | DELETE ALL BUFFERS

### 01 | BuildMT535MessageFromScratch

■ CollateralAccounts	'CO-1001RC', 'CO-1003-1', 'CO-1004-1', 'CO-1004RC', 'CO-1005-1', 'CO-1006-1', 'CO-1010-1', 'CO-1011-1'	Input
■ COMMENTO	il collateral 'CO-1012-1' è stato manualmente rimosso dal dataset in quanto collegato ad una anomalia	Input
■ count record		
☛ automQuery		
■ query	SELECT COUNT(*) FROM CCPADTATT.CPACOLE00F WHERE COLLATERAL_ACCOUNT_ID IN ({B[CollateralAccounts]}) AND COLLATERAL_TYPE = 'S' FOR READ ONLY	Input
■ automQuery		
☛ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
☛ TBox DB Run SQL Statement		
■ SQL Statement	{B[query]}	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #1	Tot	Buffer
☛ TBox DB Close Connection		
■ Connection name	toscaConnection	Input
☛ InitCounter		
■ Counter	1	Input
■ SelectExternalAccountAndBuildMessage		
☛ SelectAccount		
■ query	SELECT TRIM(INTERNAL_ACCOUNT) , TRIM(COLLATERAL_ACCOUNT_ID) FROM CCPADTATT.CPACOLE00F WHERE COLLATERAL_ACCOUNT_ID IN ({B[CollateralAccounts]}) AND COLLATERAL_TYPE = 'S' FOR READ ONLY	Input
■ SelectAccount		
☛ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input

<input type="checkbox"/> Password	***** ***** ***** ***** *****	Input
⌚ TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	{B[query]}	Input
<input type="checkbox"/> Result Table	{NULL}	Select
<input type="checkbox"/> #{MATH[{B[Counter]}+1]}	{NULL}	Select
<input type="checkbox"/> #1	ExternalAccount{B[Counter]}	Buffer
<input type="checkbox"/> #2	CollateralAccount{B[Counter]}	Buffer
⌚ TBox DB Close Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
▣ SelectARandomIsinAndMemorizeQuantity		
⌚ SelectISIN		
<input type="checkbox"/> query	SELECT EISIN FROM CCPADTATT.EMIELE00F WHERE ESTATUS = 'A' ORDER BY RAND () LIMIT 1 FOR READ ONLY	Input
<input type="checkbox"/> automQuery		
⌚ TBox DB Open Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input type="checkbox"/> DSN	tosca	Input
<input type="checkbox"/> User ID	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	***** ***** ***** ***** *****	Input
⌚ TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	{B[query]}	Input
<input type="checkbox"/> Result Table	{NULL}	Select
<input type="checkbox"/> #2	{NULL}	Select
<input type="checkbox"/> #1	ISIN{B[Counter]}	Buffer
⌚ TBox DB Close Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
⌚ SelectQuantityIsin		
<input type="checkbox"/> query	SELECT COALESCE(MAX(QUANTITY),0) FROM CCPADTATT.CPADEPO00F WHERE COLLATERAL_ACCOUNT_ID='{'B[CollateralAccount{B[Counter]}]}' AND COLLATERAL_TYPE='S' AND ISIN = '{B[ISIN{B[Counter]}]}'	Input
<input type="checkbox"/> automQuery		
⌚ TBox DB Open Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input type="checkbox"/> DSN	tosca	Input
<input type="checkbox"/> User ID	{CP[UsernameWICS]}	Input

 Password	***** ***** ***** ***** *****	Input
 TBox DB Run SQL Statement		
 SQL Statement	{B[query]}	Input
 Result Table	{NULL}	Select
 #2	{NULL}	Select
 #1	Quantity{B[Counter]}	Buffer
 TBox DB Close Connection		
 Connection name	toscaConnection	Input
 BuildMessagePayLoad		
 FAMT{B[Counter]}	{RND[2]}0	Input
 SEME{B[Counter]}	PRD{DATE[]][MMddHHmm]}A{DATE[]][ss]}{RND[2]}	Input
 IsoMessage{B[Counter]}	"""{1:F01OCSDATW0XXXX2014000000}{2: :1535CAAHATW0XXXXN}{3:{108:2011"""}2 1544{RND[4]}"""}{4: :16R:GENL """ :28E:1/ONLY :20C::SEME//{B[SEME{B[Counter]}]} :23G:NEWM :98C::PREP//20191017141043 :98A::STAT//20191017 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//{B[ExternalAccount{B[Counter]}]} :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUBSAFE :16R:FIN :35B:ISIN {B[ISIN{B[Counter]}]} :93B::AGGR//FAMT/{B[FAMT{B[Counter]}]}, :16R:SUBBAL :93B::AWAS//FAMT/{B[FAMT{B[Counter]}]}, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUBBAL :16S:FIN :16S:SUBSAFE -"""}"""	Input
 comment	PRD{DATE[]][MMddHHmm]}A{DATE[]][ss]}{RND[2]}	Input
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input
 SelectEnvironment		
 InitCounter		
 Counter	1	Input
 SendMessage		
 Communicate with Websphere MQ		

■ Request	{NULL}	Select
■ Value	{B[IsoMessage{B[Counter]}]}	Input
■ Communicate	{NULL}	Select
■ Host	{B[Host]}	Input
■ Channel	{B[Channel]}	Input
■ Manager	{B[Manager]}	Input
■ Endpoint	{NULL}	Select
■ Type	{B[EndPointType]}	Input
■ Name	{B[EndPointName]}	Input
■ Authentication	{NULL}	Select
■ Username	{B[Username]}	Input
■ Password		Input
■ PreAuthenticate	{B[PreAuthenticate]}	Input
■ Send		Select
■ Headers	{NULL}	Select
■ DeliveryMode	{B[SendHeadersDeliveryMode]}	Input
■ Priority	{B[SendPriority]}	Input
■ Type	{B[SendType]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input
⌚ TBox Wait		
■ Duration	45000	Input

## 02 | VerifyInSwiftLog

■ Close Browser		
⌚ TBox Wait		
■ Duration	500	Input
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ Go To Monitor		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ SelectTypeFilter		
⌚ TT AUSTRIA - Swift Log		

■ CODE MSG	{Click}	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	TRN	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ InitCounter		
■ Counter	1	Input
■ SelectMessage		
⌚ filter		
■ filtervalue	{B[SEME{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ filter		
■ CPASCHKW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$2	MT535	Verify
■ \$7	P	Verify
⌚ TBox Wait		
■ Duration	500	Input
⌚ Unfilter		
■ TRN-PRD86435221D8491	{Click}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

### C 03 |Launch Margin Call and wait

■ Go To External Collateral Account Transaction		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ click on launch margin run		
■ Submit Job Immediately	X	Input
⌚ Okay		
■ Margin Run	X	Input
⌚ Wait		
■ Duration	4000	Input
⌚ okay		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input

⌚ TBox Wait		
█ Duration	60000	Input
█ Close Browser		
█ Login		
⌚ OpenUrl		
█ Url	https://10.178.25.6/	Input
⌚ Select Environment		
█ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
█ Username	{CP[UsernameWICS]}	Input
█ Password	{Click}	Input
█ Password	{CP[PasswordWICS]}	Input
█ Submit	{Click}	Input

#### ⌚ 04 | GoToExternalCollateralAccountTransactionAndBufferData

█ Go To External Collateral Account Transaction		
⌚ Click on Menu		
█ MENU	{Click}	Input
⌚ InitCounter		
█ Counter	1	Input
█ BufferData		
█ filtri		
⌚ TT AUSTRIA - External Collateral Account Transactions		
█ COLLATERAL ACCOUNT ID	{Click}	Input
█ SEND KEYS		
⌚ TBox Wait		
█ Duration	500	Input
⌚ TBox Send Keys		
█ Caption	TT*	Input
█ Keys	TRANSACTION DATE	Input
⌚ TBox Wait		
█ Duration	500	Input
⌚ TBox Send Keys		
█ Caption	TT*	Input
█ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - External Collateral Account Transactions		
█ filtervalue	{DATE[][],[yyyy-MM-dd]}	Input
⌚ TT AUSTRIA - External Collateral Account Transactions		
█ +	x	Input
⌚ TT AUSTRIA - External Collateral Account Transactions		
█ COLLATERAL ACCOUNT ID	{Click}	Input
█ SEND KEYS		

⌚ TBox Wait		
█ Duration	500	Input
⌚ TBox Send Keys		
█ Caption	TT*	Input
█ Keys	COLLATERAL TYPE	Input
⌚ TBox Wait		
█ Duration	500	Input
⌚ TBox Send Keys		
█ Caption	TT*	Input
█ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - External Collateral Account Transactions		
█ filtervalue	SECURITIES	Input
⌚ TT AUSTRIA - External Collateral Account Transactions		
█ +	x	Input
⌚ TT AUSTRIA - External Collateral Account Transactions		
█ COLLATERAL ACCOUNT ID	{Click}	Input
█ SEND KEYS		
⌚ TBox Wait		
█ Duration	500	Input
⌚ TBox Send Keys		
█ Caption	TT*	Input
█ Keys	COLLATERAL ACCOUNT ID	Input
⌚ TBox Wait		
█ Duration	500	Input
⌚ TBox Send Keys		
█ Caption	TT*	Input
█ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - External Collateral Account Transactions		
█ filtervalue	{B[CollateralAccount{B[Counter]}]}	Input
⌚ TT AUSTRIA - External Collateral Account Transactions		
█ +	x	Input
⌚ TT AUSTRIA - External Collateral Account Transactions		
█ COLLATERAL ACCOUNT ID	{Click}	Input
█ SEND KEYS		
⌚ TBox Wait		
█ Duration	500	Input
⌚ TBox Send Keys		
█ Caption	TT*	Input
█ Keys	ISIN	Input
⌚ TBox Wait		
█ Duration	500	Input

⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - External Collateral Account Transactions		
■ filtervalue	{B[ISIN{B[Counter]}]}	Input
⌚ TT AUSTRIA - External Collateral Account Transactions		
■ +	x	Input
⌚ TT AUSTRIA - External Collateral Account Transactions		
■ CPADEPT010_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$9	CTVGUI{B[Counter]}	Buffer
⌚ UnFilter		
■ TRANSACTION DATE-2019-10-15	{Click}	Input
■ COLLATERAL TYPE-CASH	{Click}	Input
■ COLLATERAL ACCOUNT ID-CO-1001-1	{Click}	Input
■ ISIN-AT000B002530	{Click}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

⌚ 05   VerifyCTVViaDB		
⌚ InitCounter		
■ Counter	1	Input
⌚ QueryOnQTY		
■ query	SELECT SUM(QTY) FROM CCPADTATT.CPADEPL00F WHERE COLLATERAL_ACCOUNT = '{B[CollateralAccount{B[Counter]}]}' AND COLLATERAL_TYPE='S' AND ISIN = '{B[ISIN{B[Counter]}]}' FOR READ ONLY	Input
⌚ automQuery		
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	{B[query]}	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #1	{B[FAMT{B[Counter]}]},000	Verify
⌚ TBox DB Close Connection		

<input type="checkbox"/> Connection name	toscaConnection	Input
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input

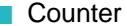
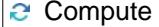
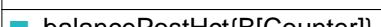
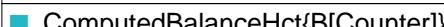
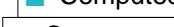
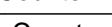
## 06 | ReadValuesFromGUI

<input type="checkbox"/> GoToCollateralBalanceItems		
<input checked="" type="checkbox"/> Click on Menu		
<input type="checkbox"/> MENU	{Click}	Input
<input checked="" type="checkbox"/> InitCounter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> MemoValues		
<input type="checkbox"/> Filters		
<input checked="" type="checkbox"/> ClickFilter		
<input type="checkbox"/> COLLATERAL ACCOUNT	{Click}	Input
<input type="checkbox"/> SEND KEYS		
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input checked="" type="checkbox"/> TBox Send Keys		
<input type="checkbox"/> Caption	TT*	Input
<input type="checkbox"/> Keys	COLLATERAL ACCOUNT	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input checked="" type="checkbox"/> TBox Send Keys		
<input type="checkbox"/> Caption	TT*	Input
<input type="checkbox"/> Keys	"{ENTER}"	Input
<input checked="" type="checkbox"/> FilterCollateralAccountID		
<input type="checkbox"/> filtervalue	{B[CollateralAccount{B[Counter]}]}	Input
<input type="checkbox"/> +	{Click}	Input
<input checked="" type="checkbox"/> ClickFilter		
<input type="checkbox"/> COLLATERAL ACCOUNT	{Click}	Input
<input type="checkbox"/> SEND KEYS		
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input checked="" type="checkbox"/> TBox Send Keys		
<input type="checkbox"/> Caption	TT*	Input
<input type="checkbox"/> Keys	ISIN	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input checked="" type="checkbox"/> TBox Send Keys		
<input type="checkbox"/> Caption	TT*	Input
<input type="checkbox"/> Keys	"{ENTER}"	Input
<input checked="" type="checkbox"/> FilterISIN		
<input type="checkbox"/> filtervalue	{B[ISIN{B[Counter]}]}	Input
<input type="checkbox"/> +	{Click}	Input

FilterCollateralAccountID			
CPADEPOW10_grid	{NULL}	Select	
\$1	{NULL}	Select	
\$1	{NULL}	Select	
View this record	{Click}	Input	
StroeBalanceValuesFromGui			
BALANCE HCT :	GuiValueBalanceHCT{B[Counter]}	Buffer	
BALANCE CCL :	GuiValueBalanceCCL{B[Counter]}	Buffer	
BALANCE IGL :	GuiValueBalanceIGL{B[Counter]}	Buffer	
NET BALANCE :	GuiValueBalanceNET{B[Counter]}	Buffer	
ClosePopUpAndUnfilter			
TT AUSTRIA - Collateral Balance Items PoPUp			
Return	{Click}	Input	
FilterCollateralAccountID			
COLLATERAL ACCOUNT-wsdf	{Click}	Input	
ISIN-sdfsdf	{Click}	Input	
Counter++			
Counter	{MATH[{B[Counter]}+1]}	Input	

## C 07 | ComputeBalanceHCTAndVerify

QueryLastPricesinHCT			
TBox DB Open Connection			
Connection name	toscaConnection	Input	
DSN	tosca	Input	
User ID	{CP[UsernameWICS]}	Input	
Password	***** ***** ***** ***** *****	Input	
InitCounter			
Counter	1	Input	
BufferFromDB			
SelectExRateAndHcT			
query	SELECT (1-(CURR_HAIRCUT)/100),CASE WHEN LAST_EXCHANGE_RATE=0 THEN 1 ELSE LAST_EXCHANGE_RATE END AS LAST_EXCHANGE_RATE FROM CCPADTATT.CPADEP00F WHERE COLLATERAL_ACCOUNT_ID='{B[CollateralAccount{B[Counter]}]}' AND COLLATERAL_TYPE='S' AND ISIN = '{B[ISIN{B[Counter]}]}' FOR READ ONLY	Input	
automQuery			
TBox DB Run SQL Statement			
SQL Statement	{B[query]}	Input	
Result Table	{NULL}	Select	
#2	{NULL}	Select	
#1	CurrencyHairCut{B[Counter]}	Buffer	

 #2	ExRate{B[Counter]}	Buffer
 Select		
 query	SELECT LAST_PRICE, CASE WHEN LAST_EXCHANGE_RATE=0 THEN 1 ELSE LAST_EXCHANGE_RATE END AS LAST_EXCHANGE_RATE ,(ISIN_HAIRCUT/100)FROM CCPADTATT.CPADEPO00F WHERE COLLATERAL_ACCOUNT_ID='{B[CollateralAccount{B[Counter]}]}' AND COLLATERAL_TYPE='S' AND ISIN = '{B[ISIN{B[Counter]}]}' FOR READ ONLY	Input
 automQuery		
 TBox DB Run SQL Statement		
 SQL Statement	{B[query]}	Input
 Result Table	{NULL}	Select
 #2	{NULL}	Select
 #1	LAST_PRICE{B[Counter]}	Buffer
 #2	LAST_EXCHANGE_RATE{B[Counter]}	Buffer
 #3	ISIN_HAIRCUT{B[Counter]}	Buffer
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input
 TBox DB Close Connection		
 Connection name	toscaConnection	Input
 InitCounter		
 Counter	1	Input
 CalculatePricePostHairCutAndBalancePostHairCut		
 Compute		
 pricePostHct{B[Counter]}	{CALC["""{B[LAST_PRICE{B[Counter]}]}""""*(1-""""{B[ISIN_HAIRCUT{B[Counter]}]}""")]}	Input
 balancePostHct{B[Counter]}	{CALC["""{B[pricePostHct{B[Counter]}]}""""*""""{B[FAMT{B[Counter]}]}"""/100]}	Input
 balanceHct{B[Counter]}	{CALC["""{B[balancePostHct{B[Counter]}]}""""*""""{B[ExRate{B[Counter]}]}""""*""""{B[CurrencyHairCut{B[Counter]}]}"""]}}	Input
 ComputedBalanceHct{B[Counter]}	{CALC[FIXED(""""{B[balanceHct{B[Counter]}]}""",2,false)]}}	Input
 ComputedBalanceHct{B[Counter]}	{B[GuiValueBalanceHCT{B[Counter]}]}	Verify
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input

 08   ComputeBalanceCCLAndVerify		
 InitCounter		
 Counter	1	Input
 Checks		
 ComputeAndVerifyBalanceCCL		
 ComputeBalanceCCL		
 setQueries		

queryClassIsin	SELECT ECOCLS FROM CCPADTATT.EMIELE00F WHERE EISIN='{B[ISIN{B[Counter]}]}' FOR READ ONLY	Input
automQuery		
TBox DB Open Connection		
Connection name	toscaConnection	Input
DSN	tosca	Input
User ID	{CP[UsernameWICS]}	Input
Password	***** ***** ***** *****	Input
TBox DB Run SQL Statement		
SQL Statement	{B[queryClassIsin]}	Input
Result Table	{NULL}	Select
#2	{NULL}	Select
#1	ClassIsin{B[Counter]}	Buffer
TBox DB Close Connection		
Connection name	toscaConnection	Input
setQueries		
querySumBalanceHCT	select SUM (A.BALANCE_HCT) from CCPADTATT.CPADEPO00F A, CCPADTATT.EMIELE00F B where A.ISIN=b.EISIN AND COLLATERAL_ACCOUNT_ID='{B[CollateralAccount{B[Counter]}]}' AND B.ECOCLS={B[ClassIsin{B[Counter]}]} FOR READ ONLY	Input
automQuery		
TBox DB Open Connection		
Connection name	toscaConnection	Input
DSN	tosca	Input
User ID	{CP[UsernameWICS]}	Input
Password	***** ***** ***** *****	Input
TBox DB Run SQL Statement		
SQL Statement	{B[querySumBalanceHCT]}	Input
Result Table	{NULL}	Select
#2	{NULL}	Select
#1	NetValueAfterHairCut{B[Counter]}	Buffer
TBox DB Close Connection		
Connection name	toscaConnection	Input
ComputeMarginRequirements		

query	SELECT MARGIN_REQUIREMENTS FROM CCPADTATT.CPADEPO00F WHERE COLLATERAL_ACCOUNT_ID='B[Collater alAccount{B[Counter]}]' AND COLLATERAL_TYPE='S' AND ISIN = '{B[ISIN{B[Counter]}]}' FOR READ ONLY	Input
automQuery		
TBox DB Open Connection		
Connection name	toscaConnection	Input
DSN	tosca	Input
User ID	{CP[UsernameWICS]}	Input
Password	***** ***** ***** ***** *****	Input
TBox DB Run SQL Statement		
SQL Statement	{B[query]}	Input
Result Table	{NULL}	Select
#2	{NULL}	Select
#1	MarginRequirements{B[Counter]}	Buffer
TBox DB Close Connection		
Connection name	toscaConnection	Input
ComputeThreshold		
UsableValuePostCCL		
UsableValuePostCCL{B[Counter]}	{CALC[MIN("{{B[threshold{B[Counter]}]}","{{B[NetValueAfterHairCut{B[Counter]}]}}"}])}	Input
UsablePercentagePostCCL{B[Counter]}	{CALC["{{B[UsableValuePostCCL{B[Counter]}]}}/{{B[NetValueAfterHairCut{B[Counter]}]}}"]})}	Input
BalanceCCL{B[Counter]}	{CALC["{{B[UsablePercentagePostCCL{B[Counter]}]}}*{{B[BalanceHct{B[Counter]}]}}"]})}	Input
ComputedBalanceCCL{B[Counter]}	{CALC[FIXED("{{B[BalanceCCL{B[Counter]}]}}",2,false)]})}	Input
GuiValueBalanceCCL{B[Counter]}	{B[ComputedBalanceCCL{B[Counter]}]}	Verify
Counter++		
Counter	{MATH[{B[Counter]}+1]}	Input

## C 09 | ComputeBalanceIGLAndVerify

InitCounter		
Counter	1	Input
Checks		
ComputeAndVerifyBalanceIGL		
setQueries		

<input type="checkbox"/> queryIssuerLimit	SELECT B.IGLIMT/100, A.EISGRP FROM CCPADTATT.EMIELE00F A, CCPADTATT.AUSISGR00F B WHERE A.EISGRP = B.IGISGR AND A.EISIN='{B[ISIN{B[Counter]}]}' FOR READ ONLY	Input
<input type="checkbox"/> automQuery		
<input type="checkbox"/> TBox DB Open Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input type="checkbox"/> DSN	tosca	Input
<input type="checkbox"/> User ID	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	***** ***** ***** *****	Input
<input type="checkbox"/> TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	{B[queryIssuerLimit]}	Input
<input type="checkbox"/> Result Table	{NULL}	Select
<input type="checkbox"/> #2	{NULL}	Select
<input type="checkbox"/> #1	IssuerLimit{B[Counter]}	Buffer
<input type="checkbox"/> #2	IssuerGroup{B[Counter]}	Buffer
<input type="checkbox"/> TBox DB Close Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input type="checkbox"/> setQueries		
<input type="checkbox"/> querySumBalanceCCL	SELECT SUM (A.BALANCE_CCL) FROM CCPADTATT.CPADEPO00F A, CCPADTATT.EMIELE00F B WHERE A.ISIN=b.EISIN AND COLLATERAL_ACCOUNT_ID='{B[CollateralAccount{B[Counter]}]}' AND B.EISGRP='B[IssuerGroup{B[Counter]}]' FOR READ ONLY	Input
<input type="checkbox"/> automQuery		
<input type="checkbox"/> TBox DB Open Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input type="checkbox"/> DSN	tosca	Input
<input type="checkbox"/> User ID	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	***** ***** ***** *****	Input
<input type="checkbox"/> TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	{B[querySumBalanceCCL]}	Input
<input type="checkbox"/> Result Table	{NULL}	Select
<input type="checkbox"/> #2	{NULL}	Select
<input type="checkbox"/> #1	ValueAfterCCL{B[Counter]}	Buffer
<input type="checkbox"/> TBox DB Close Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input type="checkbox"/> VERIFICATION		

 threshold{B[Counter]}	{CALC["""{B[IssuerLimit{B[Counter]}]}""""*""{B[MarginRequirements{B[Counter]}]}""""})}}	Input
 UsableValuePostIGL{B[Counter]}	{CALC[MIN(""""{B[threshold{B[Counter]}]}""""; """{B[ValueAfterCCL{B[Counter]}]}"""")])}}	Input
 UsablePercentagePostIGL{B[Counter]}	{CALC["""{B[UsableValuePostIGL{B[Counter]}]}"""/""""{B[ValueAfterCCL{B[Counter]}]}"""]})}}	Input
 BalanceIGL{B[Counter]}	{CALC["""{B[UsablePercentagePostIGL{B[Counter]}]}""""*""""{B[BalanceCCL{B[Counter]}]}""""})}}	Input
 GUIbalanceIGL{B[Counter]}	{CALC[FIXED(""""{B[BalanceIGL{B[Counter]}]}""",2,false))}}	Input
 GuiValueBalanceIGL{B[Counter]}	{B[GuiBalanceIGL{B[Counter]}]}}	Verify
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input

## 10 | ComputeBalanceNETAndVerify

 InitCounter		
 Counter	1	Input
 Checks		
 ComputeAndVerifyNetBalance		
 UsableValuePostCCL		
 SelThreshold{B[Counter]}	{CALC["""{CP[SecurityConcentrationPolicy]}""""*""""{B[MarginRequirements{B[Counter]}]}""""})}}	Input
 NetBalance{B[Counter]}	{CALC[MIN(""""{B[SelThreshold{B[Counter]}]}""""; """{B[BalanceIGL{B[Counter]}]}"""")])}}	Input
 GUINetbalance{B[Counter]}	{CALC[FIXED(""""{B[NetBalance{B[Counter]}]}""",2,false))}}	Input
 GuiValueBalanceNET{B[Counter]}	{B[GUINetbalance{B[Counter]}]}}	Verify
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input

## 11 | storeSecCollateralPledged

 GoToCollateralBalanceItems		
 Click on Menu		
 MENU	{Click}	Input
 InitCounter		
 Counter	1	Input
 Cycle		
 filterForCollateralAccountID		
 TT AUSTRIA - Collateral Account Balance		
 COLLATERAL ACCOUNT ID	{Click}	Input
 TBox Send Keys		
 Caption	TT *	Input
 Keys	COLLATERAL ACCOUNT ID	Input
 TBox Wait		
 Duration	500	Input
 TBox Send Keys		

■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ FilterForAccountBalance		
■ filtervalue	{B[CollateralAccount{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ FilterForAccountBalance		
■ CPACOLBW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$6	GUISecCollateralAccountPledged{B[Counter]}	Buffer
■ Unfilter		
⌚ TT AUSTRIA - Collateral Account Balance		
■ COLLATERAL ACCOUNT ID-dfgdfg	{Click}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

## ⌚ 12 | ComputeSecCollateralPledged

■ Query		
⌚ InitCounter		
■ Counter	1	Input
■ BufferFromDB		
⌚ totalSecurityCollateralPostIGL		
■ query	SELECT SUM(BALANCE_IGL) FROM CCPADTATT.CPADEPO0F WHERE COLLATERAL_ACCOUNT_ID = '{B[CollateralAccount{B[Counter]}]}' AND COLLATERAL_TYPE = 'S' FOR READ ONLY	Input
■ automQuery		
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** *****	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	{B[query]}	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #1	totalSecurityCollateralPostIGL{B[Counter]}	Buffer
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input
⌚ Counter++		

 Counter	{MATH[{B[Counter]}+1]}	Input
 InitCounter		
 Counter	1	Input
 CalculatePricePostHairCutAndBalancePostHairCut		
 ComputeAndVerifySecurityCollateralAccountPledged		
 SelThreshold{B[Counter]}	{CALC["""{CP[SecurityConcentrationPolicy]}*****{B[MarginRequirements{B[Counter]}]}"""]}	Input
 securityCollateralPostSEL{B[Counter]}	{CALC[MIN(""""{B[SelThreshold{B[Counter]}]}""", """{B[totalSecurityCollateralPostIGL{B[Counter]}]}""")]}	Input
 securityCollateralPostSEL{B[Counter]}	{CALC[FIXED(""""{B[securityCollateralPostSEL{B[Counter]}]}""", 2, false)]}	Input
 GUISecCollateralAccountPledged{B[Counter]}	{B[securityCollateralPostSEL{B[Counter]}]}	Verify
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input

### 13 | VerifySecCollateralPledged

 InitCounter		
 Counter	1	Input
 CalculatePricePostHairCutAndBalancePostHairCut		
 ComputeAndVerifySecurityCollateralAccountPledged		
 GUISecCollateralAccountPledged{B[Counter]}	{B[securityCollateralPostSEL{B[Counter]}]}	Verify
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input

### 01 | MA01ReportCheck

 InitCounter		
 Counter	1	Input
 GoToCollateralBalanceItems		
 Click on Menu		
 MENU	{Click}	Input
 Cycle		
 filterForCollateralAccountId		
 TT AUSTRIA - Collateral Account Balance		
 COLLATERAL ACCOUNT ID	{Click}	Input
 TBox Send Keys		
 Caption	TT *	Input
 Keys	COLLATERAL ACCOUNT ID	Input
 TBox Wait		
 Duration	500	Input
 TBox Send Keys		
 Caption	TT *	Input
 Keys	"{ENTER}"	Input
 TBox Wait		
 Duration	500	Input

FilterForAccountBalance			
filtervalue	{B[CollateralAccount{B[Counter]}]}		Input
+	{Click}		Input
FilterForAccountBalance			
CPACOLBW10_grid	{NULL}		Select
\$1	{NULL}		Select
\$9	GUIQuantity{B[Counter]}		Buffer
Unfilter			
TT AUSTRIA - Collateral Account Balance			
COLLATERAL ACCOUNT ID-dfgdfg	{Click}		Input
Counter++			
Counter	{MATH[{B[Counter]}+1]}		Input
TBox DB Open Connection			
Connection name	Tosca		Input
DSN	Tosca		Input
User ID	{cp[UsernameWICS]}		Input
Password	***** ***** ***** *****		Input
InitCounter			
Counter	1		Input
Checks			
TBox DB Run SQL Statement			
SQL Statement	select * from ccpadtatt.rptma0100f where coll_acc_id='{b[CollateralAccount{b[Counter]}]}' and isin='{b[ISIN{b[Counter]}]}'		Input
Result Table	{NULL}		Select
NET_VALUE	{NULL}		Select
#2	NET_VALUE		Buffer
NOMINAL_QTY	{NULL}		Select
#2	NOMINAL_QTY		Buffer
PRICE_PST_H	{NULL}		Select
#2	PRICE_PST_H		Buffer
CURR_HAIRCUT	{NULL}		Select
#2	CURR_HAIRCUT		Buffer
TBox Set Buffer			
NET_VALUE	{CALC[FIXED("'{B[NET_VALUE]}'",2,fal se)]}		Input
NET_VALUE	{B[balancePostHct{B[Counter]}]}		Verify
Nominal_Qty	{CALC[FIXED("'{B[Nominal_Qty]}'",2,fal se)]}		Input
Nominal_Qty	{b[GUIQuantity{B[Counter]}]}		Verify
PRICE_PST_H	{CALC[FIXED("'{B[PRICE_PST_H]}'",2,fal se)]}		Input
PRICE_PST_H	{b[balancePostHct{B[Counter]}]}		Verify

<input type="checkbox"/> CURR_HAIRCUT	{CALC[FIXED("{{B[CURR_HAIRCUT]}}",2,false)]}	Input
<input type="checkbox"/> CURR_HAIRCUT	{b[CurrencyHairCut{B[Counter]}]}	Input
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input
<input checked="" type="checkbox"/> TBox DB Close Connection		
<input type="checkbox"/> Connection name	Tosca	Input

### xx | DELETE ALL BUFFERS

TBox Delete Buffer

### 00 | DFCallExecution

<input type="checkbox"/> Close Browser		
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input type="checkbox"/> Login		
<input checked="" type="checkbox"/> OpenUrl		
<input type="checkbox"/> Url	https://10.178.25.6/	Input
<input checked="" type="checkbox"/> Select Environment		
<input type="checkbox"/> ITE2 - Internal Test Environment 2	X	Input
<input checked="" type="checkbox"/> Login Credentials		
<input type="checkbox"/> Username	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	{Click}	Input
<input type="checkbox"/> Password	{CP[PasswordWICS]}	Input
<input type="checkbox"/> Submit	{Click}	Input
<input type="checkbox"/> GoToDFParticipantContribution		
<input checked="" type="checkbox"/> Click on Menu		
<input type="checkbox"/> MENU	{Click}	Input
<input checked="" type="checkbox"/> Main Page DF Call History		
<input type="checkbox"/> DF Call	{Click}	Input
<input checked="" type="checkbox"/> DF call DF Call History		
<input type="checkbox"/> LDFCODES	{CP[DFAccountID]}	Input
<input type="checkbox"/> INIT DATE	{Cp[InitDate]}	Input
<input type="checkbox"/> END DATE	{Cp[EndDate]}	Input
<input type="checkbox"/> Add	X	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	10000	Input

### 01 | SelectRandomlyChosenDataSet

SelectRandomItems

query	SELECT * FROM (SELECT DISTINCT(MVDFGRID) FROM CCPADTATT.CPAMARQ01L WHERE MVMARGINEP>0 and MVDFTRIF>={CP[InitDateMFormat]} and MVDFGRID in (select df_participant_account_id from CCPADTATT.CPADFFPA00F where status='A') ) t ORDER BY RAND() LIMIT {CP[TestSampleSize]} for read only	Input
ChooseRandomSample		
TBox DB Open Connection		
Connection name	toscaConnection	Input
DSN	tosca	Input
User ID	{CP[UsernameWICS]}	Input
Password	***** ***** ***** *****	Input
InitCounter		
Counter	1	Input
ChooseRandomSample		
TBox DB Run SQL Statement		
SQL Statement	{B[Query]}	Input
Result Table	{NULL}	Select
#{{MATH[{B[Counter]}+1]}}	{NULL}	Select
#1	DFParticipantAccountID{B[Counter]}	Buffer
Counter++		
Counter	{MATH[{B[Counter]}+1]}	Input
TBox DB Close Connection		
Connection name	toscaConnection	Input

## C 02 | GuiReadingDFParticipantContribution

Close Browser		
TBox Wait		
Duration	500	Input
Login		
OpenUrl		
Url	https://10.178.25.6/	Input
Select Environment		
ITE2 - Internal Test Environment 2	X	Input
Login Credentials		
Username	{CP[UsernameWICS]}	Input
Password	{Click}	Input
Password	{CP[PasswordWICS]}	Input
Submit	{Click}	Input
GoToDFParticipantContribution		
Click on Menu		

■ MENU	{Click}	Input
⌚ initCounter		
■ Counter	1	Input
■ ReadGuiRandomSample		
■ Filter		
⌚ DF Participant Contribution		
■ CM OWNERSHIP	{CLICK}	Input
■ SendKeys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	DF PARTICIPANT ACCOUNT ID	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ DF Participant Contribution		
■ filtervalue	{B[DFParticipantAccountID{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	2000	Input
■ MemorizeAndConvertValues		
⌚ DF Participant Contribution		
■ CPADFCOW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$7	minimumQuota{B[Counter]}	Buffer
■ \$8	dynamicQuota{B[Counter]}	Buffer
■ \$9	requiredQuota{B[Counter]}	Buffer
■ \$11	DFExcess{B[Counter]}	Buffer
■ \$10	accountBalance{B[Counter]}	Buffer
■ \$12	DFCall{B[Counter]}	Buffer
■ \$13	AverageMargins{B[Counter]}	Buffer
■ \$5	CMOwnership{B[Counter]}	Buffer
■ \$6	EUR	Verify
■ UnfilterAndGoNext		
⌚ Unfilter		
■ DF PARTICIPANT ACCOUNT ID-CO-CLAU-1	{CLICK}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

### 03 | GuiReadingParticipantAccount and MinimumQuotaCheck

■ GoToParticipantAccount

⌚ Click on Menu			
■ MENU	{Click}		Input
⌚ initCounter			
■ Counter	1		Input
■ ReadGuiRandomSample			
■ Filter			
⌚ TT AUSTRIA - Default Fund Participant			
■ DF PARTICIPANT ACCOUNT	{CLICK}		Input
■ SendKeys			
⌚ TBox Wait			
■ Duration	500		Input
⌚ TBox Send Keys			
■ Caption	TT *		Input
■ Keys	DF PARTICIPANT ACCOUNT		Input
⌚ TBox Wait			
■ Duration	500		Input
⌚ TBox Send Keys			
■ Caption	TT *		Input
■ Keys	"{ENTER}"		Input
⌚ TBox Wait			
■ Duration	500		Input
⌚ TT AUSTRIA - Default Fund Participant			
■ filtervalue	{B[DFParticipantAccountID{B[Counter]}]}		Input
■ +	{Click}		Input
⌚ TBox Wait			
■ Duration	500		Input
■ MemorizeAndConvertValues			
⌚ TT AUSTRIA - Default Fund Participant			
■ CPADFPW010_grid	{NULL}		Select
■ \$1	{NULL}		Select
■ \$2			Verify
■ View this record	{Click}		Input
⌚ TT AUSTRIA - Default Fund Participant_1			
■ MINIMUM CONTRIBUTION :	GuiMinimumContribution{B[Counter]}		Buffer
■ Return	{Click}		Input
■ UnfilterAndGoNext			
⌚ TT AUSTRIA - Default Fund Participant			
■ DF PARTICIPANT ACCOUNT -CO-2157-2	{Click}		Input
⌚ Counter++			
■ Counter	{MATH[{B[Counter]}+1]}		Input

#### ⌚ 04 |MinimumQuota--Check

⌚ initCounter		
■ Counter	1	Input

 ReadGuiRandomSample		
 MemorizeAndConvertValues		
 TBox Set Buffer		
 GuiMinimumContribution{B[Counter]}	{B[minimumQuota{B[Counter]}]}	Verify
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input

 05   GoToMS16andMemorizeNumberOfBusinessDays		
 calc business days		
 TBox DB Open Connection		
 Connection name	toscaConnection	Input
 DSN	tosca	Input
 User ID	{CP[UsernameWICS]}	Input
 Password	***** ***** ***** ***** *****	Input
 TBox DB Run SQL Statement		
 SQL Statement	select business_day from ccpadtatt.rptms1600f order by version desc	Input
 Result Table	{NULL}	Select
 #2	{NULL}	Select
 #1	BusinessDays	Buffer
 TBox DB Close Connection		
 Connection name	toscaConnection	Input
 GoToDFParticipantContribution		
 Click on Menu		
 MENU	{Click}	Input
 TT AUSTRIA - HRR - MRR		
 INPUT	MS16 - Default Fund - Calculation Detailsation	Input
 View	{Click}	Input
 TBox Wait		
 Duration	5000	Input
 TT AUSTRIA - HRR - MRR		
 EN	{Click}	Input
 Download MRR	{Click}	Input
 Apertura di excel csv - participant		
 21489393CPAMBR01V_20191011_14_48_IT.csv	NomeCSV	Buffer
 OK	{Click}	Input
 TBox Wait		
 Duration	3000	Input
 Checks		
 TBox DB Open Connection		
 Connection name	DB_CCBA	Input
 DSN	DB_CCBA	Input

 TBox DB Run SQL Statement		
 SQL Statement	SELECT * FROM [{B[NomeCSV]}]	Input
 Result Table	{NULL}	Select
 #2	{NULL}	Select
 #9	{B[BusinessDays]}	Verify
 TBox DB Close Connection		
 Connection name	DB_CCPA	Input
 TBox Delete File		
 Directory	{CP[PathCSV]}	Input
 File	{B[NomeCSV]}	Input

C 06   averageMarginCalculation		
 InitCounter		
 Counter	1	Input
 TBox DB Open Connection		
 Connection name	toscaConnection	Input
 DSN	tosca	Input
 User ID	{CP[UsernameWICS]}	Input
 Password	***** ***** ***** ***** *****	Input
 Checks		
 Query		
 Query	SELECT COALESCE (SUM(MVMarginep)/{B[BusinessDays]},0) from CCPADTATT.CPAMARQ01L where MVDFGRID='{{B[DFParticipantAccountID}{B[ Counter]}}}' and MVDTRIF>={CP[InitDateMFormat]} FOR READ ONLY	Input
 automQuery		
 TBox DB Run SQL Statement		
 SQL Statement	{B[Query]}	Input
 Result Table	{NULL}	Select
 #2	{NULL}	Select
 #1	AverageMarginPerDFAccount{{B[Counter]}}	Buffer
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input
 Query		
 Query	SELECT COALESCE (SUM(MVMarginep)/{B[BusinessDays]},0) from CCPADTATT.CPAMARQ01L where MVDTRIF>={CP[InitDateMFormat]} FOR READ ONLY	Input
 TBox DB Run SQL Statement		
 SQL Statement	{B[Query]}	Input
 Result Table	{NULL}	Select

<input type="checkbox"/> #2	{NULL}	Select
<input type="checkbox"/> #1	AverageMarginPerDFAccountTotal	Buffer
⌚ TBox DB Close Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
⌚ InitCounter		
<input type="checkbox"/> Counter	1	Input
<input checked="" type="checkbox"/> Checks		
⌚ marginRatio		
<input type="checkbox"/> marginRatio{B[Counter]}	{CALC["""{B[AverageMarginPerDFAccount{B[Counter]}]}"""/"""{B[AverageMarginPerDFAccountTotal]}"""]}}	Input
⌚ Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input

### ⌚ 07 | averageMarginGuiCheck

⌚ InitCounter		
<input type="checkbox"/> Counter	1	Input
<input checked="" type="checkbox"/> Checks		
⌚ Check		
<input type="checkbox"/> AverageMarginPerDFAccount{B[Counter]}	{CALC[FIXED(""""{B[AverageMarginPerDFAccount{B[Counter]}]}""",2,false)]}}	Input
<input type="checkbox"/> AverageMargins{B[Counter]}	{CALC[FIXED(""""{B[AverageMargins{B[Counter]}]}""",2,false)]}}	Input
<input type="checkbox"/> AverageMarginPerDFAccount{B[Counter]}	{B[AverageMargins{B[Counter]}]}	Verify
⌚ Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input

### ⌚ 08 | requiredAmountGuiReading

<input type="checkbox"/> GoToDF		
⌚ Click on Menu		
<input type="checkbox"/> MENU	{Click}	Input
<input checked="" type="checkbox"/> Filter		
⌚ TT AUSTRIA - Default Fund		
<input type="checkbox"/> DF ACCOUNT ID	{Click}	Input
<input checked="" type="checkbox"/> SendKeys		
⌚ TBox Wait		
<input type="checkbox"/> Duration	500	Input
⌚ TBox Send Keys		
<input type="checkbox"/> Caption	TT *	Input
<input type="checkbox"/> Keys	DF ACCOUNT ID	Input
⌚ TBox Wait		
<input type="checkbox"/> Duration	500	Input
⌚ TBox Send Keys		
<input type="checkbox"/> Caption	TT *	Input
<input type="checkbox"/> Keys	"{ENTER}"	Input
⌚ TBox Wait		

■ Duration	500	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TT AUSTRIA - Default Fund		
■ filtervalue	{CP[DFAccountID]}	Input
■ +	X	Input
⌚ Read		
■ CPADFAW010_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$4	requiredAmount	Buffer
⌚ Unfilter		
■ DF ACCOUNT ID-CPP-XVIE	X	Input

### ⌚ 09 | DynamicQuotaCalculationAnd-- CHECK

⌚ InitCounter		
■ Counter	1	Input
■ Checks		
⌚ DynamicQuotaCalculation		
■ DynamicQuotaCalculation{B[Counter]}	{CALC["""{B[marginRatio{B[Counter]}]}""*""""{B[requiredAmount]}"""]}	Input
■ DynamicQuotaCalculation{B[Counter]}	{CALC[FIXED(""""{B[DynamicQuotaCalculation{B[Counter]}]}""",2,false)]}	Input
■ DynamicQuotaCalculation{B[Counter]}	{B[dynamicQuota{B[Counter]}]}	Verify
⌚ DynamicQuotaWithThreshold		
■ DynamicQuotaCalculationUpperTolerance{B[Counter]}	{CALC[FIXED(""""{B[DynamicQuotaCalculation{B[Counter]}]}"""+""""{CP[Threshold]}""",2,false)]}	Input
■ DynamicQuotaCalculationLowerTolerance{B[Counter]}	{CALC[FIXED(""""{B[DynamicQuotaCalculation{B[Counter]}]}"""-""""{CP[Threshold]}""",2,false)]}	Input
⌚ Check		
■ Expression	('{B[dynamicQuota{B[Counter]}]}'>'{B[DynamicQuotaCalculationLowerTolerance{B[Counter]}]}' && '{B[dynamicQuota{B[Counter]}]}'<'{B[DynamicQuotaCalculationUpperTolerance{B[Counter]}]}' )   '{B[dynamicQuota{B[Counter]}]}'=='{B[DynamicQuotaCalculation{B[Counter]}]}'	Verify
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

### ⌚ 10 | RequiredQuotaCalculation

⌚ InitCounter		
■ Counter	1	Input
■ Checks		
⌚ requiredQuotaCalculatio		
■ requiredQuotaCalculation{B[Counter]}	{CALC[MAX(""""{B[dynamicQuota{B[Counter]}]}""", """"{B[minimumQuota{B[Counter]}]}""")]}	Input

 requiredQuotaCalculation{B[Counter]}	{CALC[FIXED("{{B[requiredQuotaCalculation{B[Counter]}]}}",2,false)]}	Input
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input

### C 10 | RequiredQuota-- CHECK

 InitCounter		
 Counter	1	Input
 Checks		
 requiredQuotaCalculation		
 requiredQuotaCalculation{B[Counter]}	{B[requiredQuota{B[Counter]}]}	Verify
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input

### C 11 | AccountBalanceCalculation

 TBox DB Open Connection		
 Connection name	toscaConnection	Input
 DSN	tosca	Input
 User ID	{CP[UsernameWICS]}	Input
 Password	***** ***** ***** ***** *****	Input
 InitCounter		
 Counter	1	Input
 Calcs		
 TBox Set Buffer		
 Query	SELECT COALESCE(SUM(ACCBAL),0) FROM CCPADTATT.CPADFQL01V WHERE DFTPACCOU='{{B[DFPParticipantAccountID}{B[Counter]}}'	Input
 TBox DB Run SQL Statement		
 SQL Statement	{B[Query]}	Input
 Result Table	{NULL}	Select
 #2	{NULL}	Select
 #1	accountBalanceCalc{B[Counter]}	Buffer
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input
 TBox DB Close Connection		
 Connection name	toscaConnection	Input

### C 12 | AccountBalance--CHECK

 InitCounter		
 Counter	1	Input
 Calcs		
 TBox Set Buffer		

<input type="checkbox"/> accountBalanceCalc{B[Counter]}	{CALC[FIXED("{{B[accountBalanceCalc{B[Counter]}]}}",2,false)}	Input
⌚ TBox Set Buffer		
<input type="checkbox"/> accountBalance{B[Counter]}	{B[accountBalanceCalc{B[Counter]}]}	Verify
⌚ Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input

## C 13 | DFEcccessCalculation

⌚ InitCounter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> Calcs		
⌚ TBox Set Buffer		
<input type="checkbox"/> DFEcccessCalc{B[Counter]}	{CALC["{{B[accountBalanceCalc{B[Counter]}]}}"-{{B[requiredQuotaCalculation{B[Counter]}]}}"]}	Input
<input type="checkbox"/> DFEcccessCalc{B[Counter]}	{CALC[MAX(0,"{{B[DFEcccessCalc{B[Counter]}]}}")]}	Input
<input type="checkbox"/> DFEcccessCalc{B[Counter]}	{CALC[FIXED("{{B[DFEcccessCalc{B[Counter]}]}}",2,false))]}	Input
⌚ Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input

## C 14 | DFCallCalculation

⌚ InitCounter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> Calcs		
⌚ TBox Set Buffer		
<input type="checkbox"/> DFCallCalc{B[Counter]}	{CALC["{{B[requiredQuotaCalculation{B[Counter]}]}}"-{{B[accountBalanceCalc{B[Counter]}]}}"]}	Input
<input type="checkbox"/> DFCallCalc{B[Counter]}	{CALC[MAX(0,"{{B[DFCall{B[Counter]}]}}")]}	Input
<input type="checkbox"/> DFCallCalc{B[Counter]}	{CALC[FIXED("{{B[DFCallCalc{B[Counter]}]}}",2,false))]}	Input
⌚ Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input

## C 15 | DFCallExcess--CHECK

⌚ InitCounter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> Calcs		
⌚ TBox Set Buffer		
<input type="checkbox"/> DFCallCalc{B[Counter]}	{B[DFCall{B[Counter]}]}	Verify
<input type="checkbox"/> DFEcccessCalc{B[Counter]}	{B[DFExcess{B[Counter]}]}	Verify
⌚ Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input

## C 16 | SwiftPaymentMSGGenerationAnd Send

■ GoToDFSwiftPayment		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA - DF Participant Contribution		
■ OK	X	Input
⌚ TBox Wait		
■ Duration	40000	Input
■ Close Browser		
⌚ TBox Wait		
■ Duration	500	Input
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ GoToDFSwiftPayment		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA - DF Participant Contribution		
■ OK	X	Input
⌚ TBox Wait		
■ Duration	40000	Input
■ Close Browser		
⌚ TBox Wait		
■ Duration	500	Input
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input

## ⌚ 17 | SwiftPayment

■ OpenConnections		
⌚ TBox DB Open Connection		

■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ initCounter		
■ Counter	1	Input
■ Checks		
⌚ TBox DB Run SQL Statement		
■ SQL Statement	SELECT ACTIVATE_PAYMENT_MSG FROM CCPADTATT.CPAMBR01V WHERE PARTICIPANT_CODE={B[CMOwnership{B [Counter]}]}	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #1	Flag	Buffer
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input
⌚ TBox Delete File		
■ Directory	{CP[PathCSV]}	Input
■ File	{B[NomeCSV]}	Input
■ CloseConnection		
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input

## ⌚ 01 | MS14

⌚ initCounter		
■ Counter	1	Input
⌚ TBox DB Open Connection		
■ Connection name	Tosca	Input
■ DSN	Tosca	Input
■ User ID	{cp[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
■ Check		
⌚ TBox DB Run SQL Statement		
■ SQL Statement	select * from ccpadtatt.rptms1400f where df_acc_id='{B[DFParticipantAccountID{B[Counter]}]}'	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ VAR_CONTR	VAR_CONTR	Buffer
■ MIN_CONTR	MIN_CONTR	Buffer

REQ_CONTR	REQ_CONTR	Buffer
POST_COLL	POST_COLL	Buffer
EXS_CASH	EXS_CASH	Buffer
DF_CALL	DF_CALL	Buffer
⌚ TBox Set Buffer		
VAR_CONTR	{CALC[FIXED("{{B[VAR_CONTR]}}",2,f alse)]}	Input
VAR_CONTR	{B[DynamicQuotaCalculation{B[Counter]}]}	Verify
MIN CONTR	{CALC[FIXED("{{B[MIN CONTR]}}",2,fa lse)]}	Input
MIN CONTR	{B[minimumQuota{B[Counter]}]}	Verify
REQ CONTR	{CALC[FIXED("{{B[REQ CONTR]}}",2,f alse)]}	Input
REQ CONTR	{B[requiredQuotaCalculation{B[Counter]}]}	Verify
POST_COLL	{CALC[FIXED("{{B[POST_COLL]}}",2,fal se)]}	Input
POST_COLL	{b[accountBalanceCalc{B[Counter]}]}	Verify
EXS_CASH	{CALC[FIXED("{{B[EXS_CASH]}}",2,fals e)]}	Input
EXS_CASH	{b[DFEccessCalc{B[Counter]}]}	Verify
DF_CALL	{CALC[FIXED("{{B[DF_CALL]}}",2,false)]}	Input
DF_CALL	{b[DFCallCalc{B[Counter]}]}	Verify
⌚ Counter++		
Counter	{MATH[{B[Counter]}+1]}	Input
⌚ TBox DB Close Connection		
Connection name	Tosca	Input

02   MS15		
⌚ initCounter		
Counter	1	Input
⌚ TBox DB Open Connection		
Connection name	Tosca	Input
DSN	Tosca	Input
User ID	{cp[UsernameWICS]}	Input
Password	***** ***** ***** ***** *****	Input
Check		
⌚ TBox DB Run SQL Statement		
SQL Statement	select SUM (AVG_MARGIN_MBR) from ccpadtatt.rptms1500f where df_acc_id='{{b[DFPParticipantAccountID{b[Co unter]}]}}' and version in (select max (version) from ccpadtatt.rptms1500f) and member_code='{{b[CMOwnership{b[Counte r]}]}}'	Input
Result Table	{NULL}	Select
#2	{NULL}	Select

 #1	AVG_MARGIN_MBR	Buffer
 TBox DB Run SQL Statement		
 SQL Statement	select * from ccpadtatt.rptms1500f where df_acc_id='{{b[DFParticipantAccountID}{b[Counter]}}}' order by version desc	Input
 Result Table	{NULL}	Select
 #2	{NULL}	Select
 CONTR_CAL	CONTR_CAL	Buffer
 CONTR_AMOUNT	CONTR_AMOUNT	Buffer
 TBox DB Run SQL Statement		
 SQL Statement	select distinct(MMARTOTAVE) from CCPADTATT.CPADFWK00F	Input
 Result Table	{NULL}	Select
 #2	{NULL}	Select
 #1	TOT_AVG_MBR	Buffer
 TBox Set Buffer		
 AVG_MARGIN_MBR	{CALC[FIXED("{{B[AVG_MARGIN_MBR]}}",2,false)]}}	Input
 AVG_MARGIN_MBR	{b[AverageMarginPerDFAccount{b[Counter]}]}	Verify
 CONTR_CAL	{CALC[FIXED("{{B[CONTR_CAL]}}",2,false)]}	Input
 CONTR_CAL	{b[dynamicQuota{b[Counter]}]}	Verify
 CONTR_AMOUNT	{CALC[FIXED("{{B[CONTR_AMOUNT]}}",2,false)]}	Input
 CONTR_AMOUNT	{b[requiredQuota{b[Counter]}]}	Verify
 TOT_AVG_MBR	{CALC[FIXED("{{B[TOT_AVG_MBR]}}",2,false)]}	Input
 AverageMarginPerDFAccountTotal	{CALC[FIXED("{{B[AverageMarginPerDFAccountTotal]}}",2,false)]}	Input
 TOT_AVG_MBR	{b[AverageMarginPerDFAccountTotal]}	Input
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input
 TBox DB Close Connection		
 Connection name	Tosca	Input

### 03 | MS16

 initCounter		
 Counter	1	Input
 TBox DB Open Connection		
 Connection name	Tosca	Input
 DSN	Tosca	Input
 User ID	{cp[UsernameWICS]}	Input
 Password	***** ***** ***** ***** *****	Input
 Check		
 TBox DB Run SQL Statement		

SQL Statement	SELECT count(*) from CCPADTATT.CPAMARQ01L a,ccpadtatt.RPTMS1600F b where a.MVDTRIF>={cp[InitDateMFormat]} and a.MVDFGRID=b.df_acc_id and a.mvposacc=substring (mrg_acc_id,6,4) and a.MVDFGRID='{b[DFParticipantAccountID{ b[Counter]}]}' and b.version in (select max(version) from CCPADTATT.RPTMS1600F) and VARCHAR_FORMAT(MARGIN_DATE, 'YYYYMMDD')=MVDTRIF	Input
Result Table	{NULL}	Select
#1	{NULL}	Select
#2	Rows	Buffer
TBox Set Buffer		
Rows	{CALC[{b[Rows]}-1]}	Input
Row	2	Input
Check		
TBox DB Run SQL Statement		
SQL Statement	SELECT * from CCPADTATT.CPAMARQ01L a,ccpadtatt.RPTMS1600F b where a.MVDTRIF>={cp[InitDateMFormat]} and a.MVDFGRID=b.df_acc_id and a.mvposacc=substring (mrg_acc_id,6,4) and a.MVDFGRID='{b[DFParticipantAccountID{ b[Counter]}]}' and b.version in (select max(version) from CCPADTATT.RPTMS1600F) and VARCHAR_FORMAT(MARGIN_DATE, 'YYYYMMDD')=MVDTRIF	Input
Result Table	{NULL}	Select
#{b[Row]}	{NULL}	Select
MVMARGINEP	MARGIN	Buffer
MARGIN	{CALC[{b[MARGIN]}]}	Verify
TBox Set Buffer		
Row	{CALC[{b[Row]}+1]}	Input
TBox Set Buffer		
Counter	{CALC[{b[Counter]}+1]}	Input
TBox DB Close Connection		
Connection name	Tosca	Input
xx   DELETE ALL BUFFERS		
TBox Delete Buffer		
00   ForceNonRandomSample		
SelectItem		

■ ISIN1	AT0000764626	Input
■ SettlementAccountID1	SA-2733	Input
■ ISIN2	AT0000764626	Input
■ SettlementAccountID2	SA-2777	Input
■ ISIN3	AT0000A0A1K1	Input
■ SettlementAccountID3	SA-2434	Input
■ ISIN4	AT0000A00XX9	Input
■ SettlementAccountID4	SA-2276	Input
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ InitCounter		
■ ExternalCounter	1	Input
■ algorhythm		
⌚ initializeTableTest		
■ SQL Statement	<pre>INSERT INTO TOSCATT.OFFSET_TEST (SELECT position_id, unsettled_quantity, unsettled_amount, coalesce(UNSETTLED_AMOUNT/nullif(UN SETTLED_QUANTITY,0),0) FROM ccpadtatt.cpamgnp01V WHERE ISIN_CODE='{B[ISIN{B[ExternalCounter]}]}' AND SETTL_DATE='{B[DATE]}' AND set_account_id='{B[settlementAccountID{B[ ExternalCounter]}]}' AND settlement_lock='F' GROUP BY coalesce(UNSETTLED_AMOUNT/nullif(UN SETTLED_QUANTITY,0),0) , position_id, unsettled_amount, unsettled_quantity)</pre>	Input
⌚ initCounter		
■ Counter	1	Input
■ CleanTable		
⌚ Clean Table		
■ SQL Statement	DELETE FROM TOSCATT.OFFSET_TEST	Input

 UPDATE instructing table		
 SQL Statement	<pre>insert into toscatt.settlement_instructing select * from (SELECT isin, set_account_id, sett_date, Sum(unsettled_quantity) sum_quantity, sum(unsettled_amount) sum_amount, 'N' FROM ccpadtatt.cpamgnp01V where ISIN='{B[Isin{B[ExternalCounter]}]}' and SET_account_id= '{B[settlementAccountID{B[ExternalCounter }]}]' and settl_date= '{B[Date]}' and settlement_lock= 'F'  GROUP BY isin, set_account_id, sett_date) a where a.sum_quantity&lt;&gt;0 or a.sum_amount&lt;&gt;0</pre>	Input
 Counter++		
 ExternalCounter	{MATH[{B[ExternalCounter]}+1]}	Input
 TBox DB Close Connection		
 Connection name	toscaConnection	Input

C 00   SelectAndPrepareTestDataSet => populate TOSCATT.RESULT_POSITIONS, TOSCATT.SETTLEMENT_INSTRUCTING		
 ChooseSampleFromFreePositions		
 TBox DB Open Connection		
 Connection name	toscaConnection	Input
 DSN	tosca	Input
 User ID	{CP[UsernameWICS]}	Input
 Password	***** ***** ***** ***** *****	Input
 InitCounter		
 Counter	1	Input
 ChooseRandomSample		
 TBox DB Run SQL Statement		
 SQL Statement	{B[Query]}	Input
 Result Table	{NULL}	Select
 #{MATH[{B[Counter]}+1]}	{NULL}	Select
 #1	SettlementAccountID{B[Counter]}	Buffer
 #2	ISIN{B[Counter]}	Buffer
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input
 TBox DB Close Connection		
 Connection name	toscaConnection	Input

⌚ TBox DB Open Connection			
■ Connection name	toscaConnection		Input
■ DSN	tosca		Input
■ User ID	{CP[UsernameWICS]}		Input
■ Password	***** ***** ***** *****		Input
⌚ InitCounter			
■ ExternalCounter	1		Input
■ algorhytm			
⌚ initializeTableTest			
■ SQL Statement	<pre>INSERT INTO TOSCATT.OFFSET_TEST (SELECT position_id, unsettled_quantity, unsettled_amount, coalesce(UNSETTLED_AMOUNT/nullif(UN SETTLED_QUANTITY,0),0) FROM ccpadtatt.cpamgnp01V WHERE ISIN_CODE='{B[ISIN{B[ExternalCounter]}]}' AND SETTL_DATE='{B[DATE]}' AND set_account_id='{B[settlementAccountID{B[ ExternalCounter]}]}' AND settlement_lock='F' GROUP BY coalesce(UNSETTLED_AMOUNT/nullif(UN SETTLED_QUANTITY,0),0) , position_id, unsettled_amount, unsettled_quantity)</pre>		Input
⌚ initCounter			
■ Counter	1		Input
■ CleanTable			
⌚ Clean Table			
■ SQL Statement	DELETE FROM TOSCATT.OFFSET_TEST		Input
⌚ UPDATE instructing table			

■ SQL Statement	<pre>insert into toscatt.settlement_instructing select * from (SELECT isin, set_account_id, sett_date, Sum(unsettled_quantity) sum_quantity, sum(unsettled_amount) sum_amount, 'N', '_ FROM ccpadtatt.cpamgnp01V where ISIN='{B[isin{B[ExternalCounter]}]}' and SET_account_id= '{B[settlementAccountID{B[ExternalCounter }]}]' and settl_date= '{B[Date]}' and settlement_lock= 'F'  GROUP BY isin, set_account_id, sett_date) a where a.sum_quantity&lt;&gt;0 or a.sum_amount&lt;&gt;0</pre>	Input
⌚ Counter++		
■ ExternalCounter	{MATH[{B[ExternalCounter]}+1]}	Input
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input

⌚ 01   LaunchSettlementNetting		
■ Close Browser		
⌚ TBox Wait		
■ Duration	500	Input
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ Go To External Collateral Account Transaction		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ click on launch margin run		
■ Submit Job Immediately	X	Input
⌚ Okay		
■ Settlement Netting	X	Input
⌚ Wait		
■ Duration	4000	Input
⌚ okay		

■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	60000	Input
■ Close Browser		
⌚ TBox Wait		
■ Duration	500	Input
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input

## ⌚ 02 | verifyTestOffsetDataSet

■ GoToPosOffsetPosition		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ InitCounter		
■ Counter	1	Input
■ ChooseRandomSample		
⌚ Search		
■ SQL Statement	SELECT * FROM TOSCATT.RESULT_POSITIONS ORDER BY RAND () LIMIT 10	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #8	SettlementAccountID	Buffer
■ #7	ISIN	Buffer
■ #9	DATE	Buffer
⌚ SelectItem		
■ ISIN1	AT0000A1Y745	Input
■ SettlementAccountID1	SA-2119	Input

■ ISIN2	AT0000A1Y745	Input
■ SettlementAccountID2	SA-2434	Input
■ ISIN3	AT0000A1Y729	Input
■ SettlementAccountID3	SA-2774	Input
■ ISIN4	FR0011472943	Input
■ SettlementAccountID4	SA-2774	Input
■ filter		
⌚ Offset Positions		
■ Reference Date	{CLICK}	Input
■ SendKeys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	SETTLEMENT ACCOUNT ID	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ Offset Positions		
■ filtervalue	{B[SettlementAccountID]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Offset Positions		
■ Reference Date	{CLICK}	Input
■ SendKeys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	ISIN	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ Offset Positions		
■ filtervalue	{B[ISIN]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Offset Positions		

■ Reference Date	{CLICK}	Input
■ SendKeys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	INTENDED SETTLEMENT DATE	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ Offset Positions		
■ filtervalue	{B[DATE]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
■ Verify		
⌚ InitCounter		
■ internalCounter	1	Input
⌚ Offset Positions		
■ CPAOFFW10_grid	RowCount	Buffer
■ Offset Positions		
⌚ Offset Positions		
■ CPAOFFW10_grid	{NULL}	Select
■ \${B[InternalCounter]}	{NULL}	Select
■ View this record	{Click}	Input
⌚ TT AUSTRIA - Offset Positions		
■ Settlement Account ID :	{B[SettlementAccountID]}	Verify
■ ISIN :	{B[ISIN]}	Verify
■ Long Position ID Before Offset:	LongPosID	Buffer
■ Long QTY Before Offset :	LongQuantityBeforeOffset	Buffer
■ Long QTY After Offset :	LongQuantityAfterOffset	Buffer
■ Long CTV Before Offset :	LongAmountBeforeOffset	Buffer
■ Long CTV After Offset :	LongAmountAfterOffset	Buffer
■ Short Position ID Before Offset:	ShortPosID	Buffer
■ Short QTY Before Offset :	ShortQuantityBeforeOffset	Buffer
■ Short QTY After Offset :	ShortQuantityAfterOffset	Buffer
■ Short CTV Before Offset :	ShortAmountBeforeOffset	Buffer
■ Short CTV After Offset :	ShortAmountAfterOffset	Buffer
⌚ TT AUSTRIA - Offset Positions		
■ Return	{Click}	Input
⌚ dbValuesLong		

SQL Statement	SELECT * FROM TOSCATT.RESULT_POSITIONS WHERE POSITION_ID = '{b[LongPosID]}' AND COUNTER = {B[internalCounter]}	Input
Result Table	{NULL}	Select
#2	{NULL}	Select
#2	LongComputedQuantityBeforeOffset	Buffer
#3	LongComputedAmountBeforeOffset	Buffer
#4	LongComputedQuantityAfterOffset	Buffer
#5	LongComputedAmountAfterOffset	Buffer
dbValuesShort		
SQL Statement	SELECT * FROM TOSCATT.RESULT_POSITIONS WHERE POSITION_ID = '{b[ShortPosID]}' AND COUNTER = {B[internalCounter]}	Input
Result Table	{NULL}	Select
#2	{NULL}	Select
#2	ShortComputedQuantityBeforeOffset	Buffer
#3	ShortComputedAmountBeforeOffset	Buffer
#4	ShortComputedQuantityAfterOffset	Buffer
#5	ShortComputedAmountAfterOffset	Buffer
ConvertDBValue		
LongComputedQuantityBeforeOffset	{CALC[FIXED("'{B[LongComputedQuantityBeforeOffset]}',2,false)]}	Input
LongComputedAmountBeforeOffset	{CALC[FIXED("'{B[LongComputedAmountBeforeOffset]}',2,false)]}	Input
LongComputedQuantityAfterOffset	{CALC[FIXED("'{B[LongComputedQuantityAfterOffset]}',2,false)]}	Input
LongComputedAmountAfterOffset	{CALC[FIXED("'{B[LongComputedAmountAfterOffset]}',2,false)]}	Input
ShortComputedQuantityBeforeOffset	{CALC[FIXED("'{B[ShortComputedQuantityBeforeOffset]}',2,false)]}	Input
ShortComputedAmountBeforeOffset	{CALC[FIXED("'{B[ShortComputedAmountBeforeOffset]}',2,false)]}	Input
ShortComputedQuantityAfterOffset	{CALC[FIXED("'{B[ShortComputedQuantityAfterOffset]}',2,false)]}	Input
ShortComputedAmountAfterOffset	{CALC[FIXED("'{B[ShortComputedAmountAfterOffset]}',2,false)]}	Input
ConvertGUIValue		
LongQuantityBeforeOffset	{CALC[FIXED("'{B[LongQuantityBeforeOffset]}',2,false)]}	Input
LongAmountBeforeOffset	{CALC[FIXED("'{B[LongAmountBeforeOffset]}',2,false)]}	Input
LongQuantityAfterOffset	{CALC[FIXED("'{B[LongQuantityAfterOffset]}',2,false)]}	Input
LongAmountAfterOffset	{CALC[FIXED("'{B[LongAmountAfterOffset]}',2,false)]}	Input
ShortQuantityBeforeOffset	{CALC[FIXED("'{B[ShortQuantityBeforeOffset]}',2,false)]}	Input

■ ShortAmountBeforeOffset	{CALC[FIXED("{{B[ShortAmountBeforeOffset]}}",2,false)]}	Input
■ ShortQuantityAfterOffset	{CALC[FIXED("{{B[ShortQuantityAfterOffset]}}",2,false)]}	Input
■ ShortAmountAfterOffset	{CALC[FIXED("{{B[ShortAmountAfterOffset]}}",2,false)]}	Input
⌚ VERIFY		
■ LongComputedQuantityBeforeOffset	{B[LongQuantityBeforeOffset]}	Verify
■ LongComputedAmountBeforeOffset	{B[LongAmountBeforeOffset]}	Verify
■ LongComputedQuantityAfterOffset	{B[LongQuantityAfterOffset]}	Verify
■ LongComputedAmountAfterOffset	{B[LongAmountAfterOffset]}	Verify
■ ShortComputedQuantityBeforeOffset	{B[ShortQuantityBeforeOffset]}	Verify
■ ShortComputedAmountBeforeOffset	{B[ShortAmountBeforeOffset]}	Verify
■ ShortComputedQuantityAfterOffset	{B[ShortQuantityAfterOffset]}	Verify
■ ShortComputedAmountAfterOffset	{B[ShortAmountAfterOffset]}	Verify
⌚ Counter++		
■ internalCounter	{MATH[{B[internalCounter]}+1]}	Input
⌚ unfilter		
■ Settlement Account ID-SA-2222	{Click}	Input
■ Intended Settlement Date-2019-11-20	{Click}	Input
■ ISIN-AT00BUWOG001	{Click}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input

### ⌚ xx | DELETE TOSCATT.RESULT\_POSITIONS

■ CleanTable		
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ Clean Table		
■ SQL Statement	DELETE FROM TOSCATT.RESULT_POSITIONS where settl_date not in ('{DATE[]}[yyyy-MM-dd]','{DATE[] [+1d][yyyy-MM-dd]}','{DATE[] [+2d][yyyy-MM-dd]}','{DATE[] [+3d][yyyy-MM-dd]}','{DATE[] [+4d][yyyy-MM-dd]}')	Input
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input

### ⌚ xx | DELETE ALL BUFFERS

⌚ TBox Delete Buffer		
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 00 | LaunchSettlementInstructing

 Close Browser		
 TBox Wait		
 Duration	500	Input
 Login		
 OpenUrl		
 Url	https://10.178.25.6/	Input
 Select Environment		
 ITE2 - Internal Test Environment 2	X	Input
 Login Credentials		
 Username	{CP[UsernameWICS]}	Input
 Password	{Click}	Input
 Password	{CP[PasswordWICS]}	Input
 Submit	{Click}	Input
 Go To External Collateral Account Transaction		
 Click on Menu		
 MENU	{Click}	Input
 click on launch margin run		
 Submit Job Immediately	X	Input
 Okay		
 Settlement Instructing	X	Input
 Wait		
 Duration	4000	Input
 okay		
 Caption	TT *	Input
 Keys	"{ENTER}"	Input
 TBox Wait		
 Duration	60000	Input
 Close Browser		
 TBox Wait		
 Duration	500	Input
 Login		
 OpenUrl		
 Url	https://10.178.25.6/	Input
 Select Environment		
 ITE2 - Internal Test Environment 2	X	Input
 Login Credentials		
 Username	{CP[UsernameWICS]}	Input
 Password	{Click}	Input
 Password	{CP[PasswordWICS]}	Input
 Submit	{Click}	Input

 01 | chooseRandomSample

⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** *****	Input
⌚ InitCounter		
■ Counter	1	Input
■ ChooseRandomSample		
⌚ TBox DB Run SQL Statement		
■ SQL Statement	select set_account_ID, ISIN, intended_settl_date, unsettled_quantity,unsettled_amount from toscatt.settlement_instructing where tested = 'N' and intended_settl_date= '{DATE[][{+{B[offsetdays]}d][yyyy-MM-dd]}' order by rand()	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #1	SettlementAccountID{B[Counter]}	Buffer
■ #2	ISIN{B[Counter]}	Buffer
■ #3	DATE{B[Counter]}	Buffer
■ #4	unsettledQuantity{B[Counter]}	Buffer
■ #5	unsettledAmount{B[Counter]}	Buffer
⌚ SelectItem		
■ ISIN1	AT0000A1Y745	Input
■ SettlementAccountID1	SA-2434	Input
■ ISIN2	FR0011472943	Input
■ SettlementAccountID2	SA-2774	Input
■ unsettledQuantity1	-109999,000	Input
■ unsettledAmount1	,00	Input
■ unsettledQuantity2	-64,000	Input
■ unsettledAmount2	,00	Input
⌚ SelectItem		
■ ISIN1	AT0000764626	Input
■ SettlementAccountID1	SA-2733	Input
■ ISIN2	AT0000764626	Input
■ SettlementAccountID2	SA-2777	Input
■ ISIN3	AT0000A0A1K1	Input
■ SettlementAccountID3	SA-2434	Input
■ ISIN4	AT0000A00XX9	Input
■ SettlementAccountID4	SA-2276	Input
⌚ TBox DB Run SQL Statement		

■ SQL Statement	update toscatt.settlement_instructing set tested = 'F' where set_account_ID= '{B[SettlementAccountID{B[Counter]}]}' and ISIN = '{B[ISIN{B[Counter]}]}' and intended_settl_date = '{B[DATE{B[Counter]}]}'	Input
⌚ TBox Set Buffer		
■ unsettledQuantity{B[Counter]}	{CALC[FIXED("{{B[unsettledQuantity{B[Counter]}]}}",3,true)]}	Input
■ unsettledAmount{B[Counter]}	{CALC[FIXED("{{B[unsettledAmount{B[Counter]}]}}",2,false)]}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input

## ⌚ 02 | GuiReadinfSettlementAccountItems

■ Close Browser		
⌚ TBox Wait		
■ Duration	500	Input
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ GoToSettlementAccountItems		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ InitCounter		
■ Counter	1	Input
■ SettlementAccountItems		
■ filter		
⌚ Menu and table Settlement Account Items		
■ Isin	{CLICK}	Input
■ SendKeys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	SETTLEMENT ACCOUNT ID	Input
⌚ TBox Wait		
■ Duration	500	Input

⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ Menu and table Settlement Account Items		
■ filtervalue	{B[SettlementAccountID{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Menu and table Settlement Account Items		
■ Isin	{CLICK}	Input
■ SendKeys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	ISIN	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ Menu and table Settlement Account Items		
■ filtervalue	{B[ISIN{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Menu and table Settlement Account Items		
■ Isin	{CLICK}	Input
■ SendKeys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	INTENDED SETTLEMENT DATE	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ Menu and table Settlement Account Items		
■ filtervalue	{B[DATE{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input

⌚ Menu and table Settlement Account Items		
■ CPASETPW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$7	{B[unsettledQuantity{B[Counter]}]}	Verify
■ \$8	{B[unsettledAmount{B[Counter]}]}	Verify
■ \$13	PEND	Verify
■ \$15	TRN{B[Counter]}	Buffer
■ TRNprep		
⌚ TBox Partial Buffer		
■ Buffer	TRN{B[Counter]}	Input
■ Value	{B[TRN{B[Counter]}]}	Input
■ Last	15	Input
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** *****	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	update toscatt.settlement_instructing set trn='{b[TRN{b[Counter]}]}' where set_account_ID= '{B[SettlementAccountID{B[Counter]}]}' and ISIN = '{B[ISIN{B[Counter]}]}' and intended_settl_date = '{B[DATE{B[Counter]}]}'	Input
⌚ unfilter		
■ Settlement account ID-sdfsdf	{Click}	Input
■ Isin-sdfsdf	{Click}	Input
■ Intended settlement date-fds	{Click}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

⌚ 03   VerifyInSwiftLog		
■ Go To Monitor		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ SelectTypeFilter		
⌚ TT AUSTRIA - Swift Log		
■ CODE MSG	{Click}	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	TRN	Input
⌚ TBox Wait		
■ Duration	500	Input

⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ InitCounter		
■ Counter	1	Input
■ SelectMessage		
⌚ filter		
■ filtervalue	C{B[TRN{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	3000	Input
⌚ check		
■ CPASCHKW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$2	CodeMSG{B[Counter]}	Buffer
■ \$7	A	Verify
⌚ TBox Wait		
■ Duration	500	Input
■ ConversionsIN		
⌚ TBox Convert Decimal		
■ InputValue	{NULL}	Select
■ Value	{B[unsettledQuantity{B[Counter]}]}	Input
■ DecimalFormat	de	Input
■ ConvertedValue	{NULL}	Select
■ Value	unsettledQuantity{B[Counter]}	Buffer
■ DecimalFormat	en	Input
⌚ TBox Convert Decimal		
■ InputValue	{NULL}	Select
■ Value	{B[unsettledAmount{B[Counter]}]}	Input
■ DecimalFormat	de	Input
■ ConvertedValue	{NULL}	Select
■ Value	unsettledAmount{B[Counter]}	Buffer
■ DecimalFormat	en	Input
■ CheckCodeMessage		
■ ConversionsOUT		
⌚ TBox Convert Decimal		
■ InputValue	{NULL}	Select
■ Value	{B[unsettledQuantity{B[Counter]}]}	Input
■ DecimalFormat	en	Input
■ ConvertedValue	{NULL}	Select
■ Value	unsettledQuantity{B[Counter]}	Buffer
■ DecimalFormat	de	Input

⌚ TBox Convert Decimal		
■ InputValue	{NULL}	Select
■ Value	{B[unsettledAmount{B[Counter]}]}	Input
■ DecimalFormat	en	Input
■ ConvertedValue	{NULL}	Select
■ Value	unsettledAmount{B[Counter]}	Buffer
■ DecimalFormat	de	Input
⌚ Unfilter		
■ TRN-PRD86435221D8491	{Click}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input
⌚ TBox Wait		
■ Duration	1500	Input
⌚ InitCounter		
■ Counter	1	Input
■ SelectMessage		
⌚ filter		
■ filtervalue	P{B[TRN{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	1500	Input
⌚ VerifyExist		
■ CPASCHKW10_grid	{NULL}	Select
■ \$1	True	Verify
⌚ Unfilter		
■ TRN-PRD86435221D8491	{Click}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

#### ⌚ 04 | chooseAnotherRandomSampleForPartialRegulation

⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ InitCounter		
■ Counter	1	Input
■ ChooseRandomSample		
⌚ TBox DB Run SQL Statement		

■ SQL Statement	select set_account_ID, ISIN, intended_settl_date, unsettled_quantity,unsettled_amount from toscatt.settlement_instructing where tested = 'N' and INTENDED_SETTL_DATE= '{DATE[] +{B[offsetdays]}d}[yyyy-MM-dd]}' order by rand()	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #1	SettlementAccountID{B[Counter]}	Buffer
■ #2	ISIN{B[Counter]}	Buffer
■ #3	DATE{B[Counter]}	Buffer
■ #4	unsettledQuantity{B[Counter]}	Buffer
■ #5	unsettledAmount{B[Counter]}	Buffer
⌚ SelectItem		
■ ISIN1	AT0000A1Y745	Input
■ SettlementAccountID1	SA-2119	Input
■ ISIN2	AT0000A1Y729	Input
■ SettlementAccountID2	SA-2774	Input
■ unsettledQuantity1	69999,000	Input
■ unsettledQuantity2	111999,000	Input
■ unsettledAmount1	0,00	Input
■ unsettledAmount2	0,00	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	update toscatt.settlement_instructing set tested ='P' where set_account_ID= '{B[SettlementAccountID{B[Counter]}]}' and ISIN = '{B[ISIN{B[Counter]}]}' and intended_settl_date = '{B[DATE{B[Counter]}]}'	Input
⌚ TBox Set Buffer		
■ unsettledQuantity{B[Counter]}	{CALC[FIXED("{{B[unsettledQuantity{B[Counter]}]}}",3,true)]}	Input
■ unsettledAmount{B[Counter]}	{CALC[FIXED("{{B[unsettledAmount{B[Counter]}]}}",2,false)]}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input

## ⌚ 05 | GuiReadinfSettlementAccountItems

■ Close Browser		
⌚ TBox Wait		
■ Duration	500	Input
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input

Login Credentials		
Username	{CP[UsernameWICS]}	Input
Password	{Click}	Input
Password	{CP[PasswordWICS]}	Input
Submit	{Click}	Input
GoToSettlementAccountItems		
Click on Menu		
MENU	{Click}	Input
InitCounter		
Counter	1	Input
SettlementAccountItems		
filter		
Menu and table Settlement Account Items		
Isin	{CLICK}	Input
SendKeys		
TBox Wait		
Duration	500	Input
TBox Send Keys		
Caption	TT *	Input
Keys	SETTLEMENT ACCOUNT ID	Input
TBox Wait		
Duration	500	Input
TBox Send Keys		
Caption	TT *	Input
Keys	Input	
Menu and table Settlement Account Items		
filtervalue	{B[SettlementAccountID{B[Counter]}]}	Input
+	{Click}	Input
TBox Wait		
Duration	500	Input
Menu and table Settlement Account Items		
Isin	{CLICK}	Input
SendKeys		
TBox Wait		
Duration	500	Input
TBox Send Keys		
Caption	TT *	Input
Keys	ISIN	Input
TBox Wait		
Duration	500	Input
TBox Send Keys		
Caption	TT *	Input
Keys	{ENTER}"	Input
Menu and table Settlement Account Items		

■ filtervalue	{B[ISIN{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Menu and table Settlement Account Items		
■ Isin	{CLICK}	Input
■ SendKeys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	INTENDED SETTLEMENT DATE	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ Menu and table Settlement Account Items		
■ filtervalue	{B[DATE{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Menu and table Settlement Account Items		
■ CPASETPW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$7	{B[unsettledQuantity{B[Counter]}]}	Verify
■ \$8	{B[unsettledAmount{B[Counter]}]}	Verify
■ \$13	PEND	Verify
■ \$15	TRN{B[Counter]}	Buffer
■ TRNprep		
⌚ TBox Partial Buffer		
■ Buffer	TRN{B[Counter]}	Input
■ Value	{B[TRN{B[Counter]}]}	Input
■ Last	15	Input
⌚ unfilter		
■ Settlement account ID-sdfsdf	{Click}	Input
■ Isin-sdfsdf	{Click}	Input
■ Intended settlement date-fds	{Click}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

## ⌚ 06 | VerifyInSwiftLog

■ Go To Monitor		
⌚ Click on Menu		

■ MENU	{Click}	Input
■ SelectTypeFilter		
⌚ TT AUSTRIA - Swift Log		
■ CODE MSG	{Click}	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	TRN	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ InitCounter		
■ Counter	1	Input
■ SelectMessage		
⌚ filter		
■ filtervalue	C{B[TRN{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	6000	Input
⌚ check		
■ CPASCHKW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$2	CodeMSG{B[Counter]}	Buffer
■ \$7	A	Verify
⌚ TBox Wait		
■ Duration	2000	Input
■ ConversionsIN		
⌚ TBox Convert Decimal		
■ InputValue	{NULL}	Select
■ Value	{B[unsettledQuantity{B[Counter]}]}	Input
■ DecimalFormat	de	Input
■ ConvertedValue	{NULL}	Select
■ Value	unsettledQuantity{B[Counter]}	Buffer
■ DecimalFormat	en	Input
⌚ TBox Convert Decimal		
■ InputValue	{NULL}	Select
■ Value	{B[unsettledAmount{B[Counter]}]}	Input
■ DecimalFormat	de	Input
■ ConvertedValue	{NULL}	Select
■ Value	unsettledAmount{B[Counter]}	Buffer
■ DecimalFormat	en	Input

CheckCodeMessage		
ConversionsOUT		
TBox Convert Decimal		
InputValue	{NULL}	Select
Value	{B[unsettledQuantity{B[Counter]}]}	Input
DecimalFormat	en	Input
ConvertedValue	{NULL}	Select
Value	unsettledQuantity{B[Counter]}	Buffer
DecimalFormat	de	Input
TBox Convert Decimal		
InputValue	{NULL}	Select
Value	{B[unsettledAmount{B[Counter]}]}	Input
DecimalFormat	en	Input
ConvertedValue	{NULL}	Select
Value	unsettledAmount{B[Counter]}	Buffer
DecimalFormat	de	Input
Unfilter		
TRN-PRD86435221D8491	{Click}	Input
Counter++		
Counter	{MATH[{B[Counter]}+1]}	Input
InitCounter		
Counter	1	Input
TBox Wait		
Duration	1500	Input
SelectMessage		
filter		
filtervalue	P{B[TRN{B[Counter]}]}	Input
+	{Click}	Input
TBox Wait		
Duration	10000	Input
VerifyExist		
CPASCHKW10_grid	{NULL}	Select
\$1	True	Verify
Unfilter		
TRN-PRD86435221D8491	{Click}	Input
Counter++		
Counter	{MATH[{B[Counter]}+1]}	Input

## C 11 | chooseRandomSampleCanc

TBox DB Open Connection		
Connection name	toscaConnection	Input
DSN	tosca	Input
User ID	{CP[UsernameWICS]}	Input

<input type="checkbox"/> Password	***** ***** ***** ***** *****	Input
<input checked="" type="checkbox"/> InitCounter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> ChooseRandomSample		
<input checked="" type="checkbox"/> TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	select set_account_ID, ISIN, intended_settl_date, unsettled_quantity,unsettled_amount from toscatt.settlement_instructing where (tested = 'N' or tested = 'P') and intended_settl_date = '{DATE[][{+{B[offsetdays]}d][yyyy-MM-dd]}]}'or der by rand()	Input
<input type="checkbox"/> Result Table	{NULL}	Select
<input type="checkbox"/> #2	{NULL}	Select
<input type="checkbox"/> #1	SettlementAccountID{B[Counter]}	Buffer
<input type="checkbox"/> #2	ISIN{B[Counter]}	Buffer
<input type="checkbox"/> #3	DATE{B[Counter]}	Buffer
<input type="checkbox"/> #4	unsettledQuantity{B[Counter]}	Buffer
<input type="checkbox"/> #5	unsettledAmount{B[Counter]}	Buffer
<input checked="" type="checkbox"/> TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	update toscatt.settlement_instructing set tested ='F' where set_account_ID= '{B[SettlementAccountID{B[Counter]}]}' and ISIN = '{B[ISIN{B[Counter]}]}' and intended_settl_date = '{B[DATE{B[Counter]}]}'	Input
<input checked="" type="checkbox"/> TBox Set Buffer		
<input type="checkbox"/> unsettledQuantity{B[Counter]}	{CALC[FIXED("{{B[unsettledQuantity{B[Counter]}]}}","3,true)]}}	Input
<input type="checkbox"/> unsettledAmount{B[Counter]}	{CALC[FIXED("{{B[unsettledAmount{B[Counter]}]}}","2,false)]}}	Input
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input
<input checked="" type="checkbox"/> TBox DB Close Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input

## 12 | SettlementCancellation

<input type="checkbox"/> Close Browser		
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input type="checkbox"/> Login		
<input checked="" type="checkbox"/> OpenUrl		
<input type="checkbox"/> Url	https://10.178.25.6/	Input
<input checked="" type="checkbox"/> Select Environment		
<input type="checkbox"/> ITE2 - Internal Test Environment 2	X	Input
<input checked="" type="checkbox"/> Login Credentials		

■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ GoToSettlementAccountItems		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ InitCounter		
■ Counter	1	Input
■ SettlementAccountItems		
■ filter		
⌚ Menu and table Settlement Account Items		
■ Isin	{CLICK}	Input
■ SendKeys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	SETTLEMENT ACCOUNT ID	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ Menu and table Settlement Account Items		
■ filtervalue	{B[SettlementAccountID{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Menu and table Settlement Account Items		
■ Isin	{CLICK}	Input
■ SendKeys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	ISIN	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ Menu and table Settlement Account Items		
■ filtervalue	{B[ISIN{B[Counter]}]}	Input

<input type="button" value="+"/>	{Click}	Input
⌚ TBox Wait		
<input type="button" value="Duration"/>	500	Input
⌚ Menu and table Settlement Account Items		
<input type="button" value="Isin"/>	{CLICK}	Input
<input type="button" value="SendKeys"/>		
⌚ TBox Wait		
<input type="button" value="Duration"/>	500	Input
⌚ TBox Send Keys		
<input type="button" value="Caption"/>	TT *	Input
<input type="button" value="Keys"/>	INTENDED SETTLEMENT DATE	Input
⌚ TBox Wait		
<input type="button" value="Duration"/>	500	Input
⌚ TBox Send Keys		
<input type="button" value="Caption"/>	TT *	Input
<input type="button" value="Keys"/>	"{ENTER}"	Input
⌚ Menu and table Settlement Account Items		
<input type="button" value="filtervalue"/>	{B[DATE{B[Counter]}]}	Input
<input type="button" value="+"/>	{Click}	Input
⌚ TBox Wait		
<input type="button" value="Duration"/>	500	Input
⌚ Menu and table Settlement Account Items		
<input type="button" value="CPASETPW10_grid"/>	{NULL}	Select
<input type="button" value="\$1"/>		Select
<input type="button" value="\$15"/>	TRN{B[Counter]}	Buffer
⌚ Menu and table Settlement Account Items		
<input type="button" value="CPASETPW10_grid"/>	{NULL}	Select
<input type="button" value="\$1"/>	{NULL}	Select
<input type="button" value="\$7"/>	unsettledQuantity{B[Counter]}	Buffer
<input type="button" value="\$8"/>	unsettledAmount{B[Counter]}	Buffer
⌚ TBox Partial Buffer		
<input type="button" value="Buffer"/>	TRN{B[Counter]}	Input
<input type="button" value="Value"/>	{B[TRN{B[Counter]}]}	Input
<input type="button" value="Start"/>	2	Input
<input type="button" value="End"/>	15	Input
⌚ Menu and table Settlement Account Items		
<input type="button" value="CPASETPW10_grid"/>	{NULL}	Select
<input type="button" value="\$1"/>	{NULL}	Select
<input type="button" value="Delete this record"/>	{Click}	Input
⌚ TT AUSTRIA - Settlement Account Items		
<input type="button" value="Delete"/>	{Click}	Input
⌚ unfilter		
<input type="button" value="Settlement account ID-sdfsdf"/>	{Click}	Input
<input type="button" value="Isin-sdfsdf"/>	{Click}	Input

█ Intended settlement date-fds	{Click}	Input
↻ Counter++		
█ Counter	{MATH[{B[Counter]}+1]}	Input

### 13 | VerifyCancellationInSwiftLogMessage

█ Go To Monitor		
↻ Click on Menu		
█ MENU	{Click}	Input
█ SelectTypeFilter		
↻ TT AUSTRIA - Swift Log		
█ CODE MSG	{Click}	Input
↻ TBox Send Keys		
█ Caption	TT *	Input
█ Keys	TRN	Input
↻ TBox Wait		
█ Duration	500	Input
↻ TBox Send Keys		
█ Caption	TT *	Input
█ Keys	Input	
↻ TBox Wait		
█ Duration	500	Input
↻ InitCounter		
█ Counter	1	Input
█ SelectMessage		
↻ filter		
█ filtervalue	C{B[TRN{B[Counter]}]}2	Input
█ +	{Click}	Input
↻ TBox Wait		
█ Duration	3000	Input
↻ check		
█ CPASCHKW10_grid	{NULL}	Select
█ \$1	{NULL}	Select
█ \$2	CodeMSG{B[Counter]}	Buffer
█ \$7	A	Verify
↻ TBox Wait		
█ Duration	500	Input
█ ConversionsIN		
↻ TBox Convert Decimal		
█ InputValue	{NULL}	Select
█ Value	{B[unsettledQuantity{B[Counter]}]}	Input
█ DecimalFormat	de	Input
█ ConvertedValue	{NULL}	Select
█ Value	unsettledQuantity{B[Counter]}	Buffer
█ DecimalFormat	en	Input

⌚ TBox Convert Decimal			
■ InputValue	{NULL}	Select	
■ Value	{B[unsettledAmount{B[Counter]}]}	Input	
■ DecimalFormat	de	Input	
■ ConvertedValue	{NULL}	Select	
■ Value	unsettledAmount{B[Counter]}	Buffer	
■ DecimalFormat	en	Input	
■ CheckCodeMessage			
■ ConversionsOUT			
⌚ TBox Convert Decimal			
■ InputValue	{NULL}	Select	
■ Value	{B[unsettledQuantity{B[Counter]}]}	Input	
■ DecimalFormat	en	Input	
■ ConvertedValue	{NULL}	Select	
■ Value	unsettledQuantity{B[Counter]}	Buffer	
■ DecimalFormat	de	Input	
⌚ TBox Convert Decimal			
■ InputValue	{NULL}	Select	
■ Value	{B[unsettledAmount{B[Counter]}]}	Input	
■ DecimalFormat	en	Input	
■ ConvertedValue	{NULL}	Select	
■ Value	unsettledAmount{B[Counter]}	Buffer	
■ DecimalFormat	de	Input	
⌚ Unfilter			
■ TRN-PRD86435221D8491	{Click}	Input	
⌚ Counter++			
■ Counter	{MATH[{B[Counter]}+1]}	Input	

⌚ 14   VerifyCancellationInSwiftLogStatus			
⌚ InitCounter			
■ Counter	1		Input
■ SelectMessage			
⌚ filter			
■ filtervalue	P{B[TRN{B[Counter]}]}2	Input	
■ +	{Click}	Input	
⌚ TBox Wait			
■ Duration	1500		Input
⌚ check			
■ CPASCHKW10_grid	{NULL}	Select	
■ \$1	{NULL}	Select	
■ \$7	A	Verify	
⌚ TBox Wait			
■ Duration	500		Input
⌚ Unfilter			

■ TRN-PRD86435221D8491	{Click}	Input
⟳ Counter++		
■ Counter	{MATH}[{B[Counter]}+1]	Input

## 15 | GuiReadinfSettlementAccountItemsForCanc

■ GoToSettlementAccountItems		
⟳ Click on Menu		
■ MENU	{Click}	Input
⟳ InitCounter		
■ Counter	1	Input
■ SettlementAccountItems		
■ filter		
⟳ Menu and table Settlement Account Items		
■ Isin	{CLICK}	Input
■ SendKeys		
⟳ TBox Wait		
■ Duration	500	Input
⟳ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	SETTLEMENT ACCOUNT ID	Input
⟳ TBox Wait		
■ Duration	500	Input
⟳ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	Input	
⟳ Menu and table Settlement Account Items		
■ filtervalue	{B[SettlementAccountID{B[Counter]}]}	Input
■ +	{Click}	Input
⟳ TBox Wait		
■ Duration	500	Input
⟳ Menu and table Settlement Account Items		
■ Isin	{CLICK}	Input
■ SendKeys		
⟳ TBox Wait		
■ Duration	500	Input
⟳ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	ISIN	Input
⟳ TBox Wait		
■ Duration	500	Input
⟳ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	{ENTER}"	Input
⟳ Menu and table Settlement Account Items		

■ filtervalue	{B[ISIN{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Menu and table Settlement Account Items		
■ Isin	{CLICK}	Input
■ SendKeys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	INTENDED SETTLEMENT DATE	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	Input	
⌚ Menu and table Settlement Account Items		
■ filtervalue	{B[DATE{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Menu and table Settlement Account Items		
■ CPASETPW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$7	GuiUnsettledQuantity{B[Counter]}	Buffer
■ \$8	GuiUnsettledAmount{B[Counter]}	Buffer
■ \$13	PEND	Verify
■ \$15	TRN{B[Counter]}	Buffer
⌚ TBox Set Buffer		
■ GuiUnsettledQuantity{B[Counter]}	{CALC[FIXED("{{B[GuiUnsettledQuantity{B[Counter]}]}}",2,true)]}	Input
■ GuiUnsettledAmount{B[Counter]}	{CALC[FIXED("{{B[GuiUnsettledAmount{B[Counter]}]}}",2,true)]}	Input
■ unsettledQuantity{B[Counter]}	{CALC[FIXED("{{B[unsettledQuantity{B[Counter]}]}}",2,true)]}	Input
■ unsettledAmount{B[Counter]}	{CALC[FIXED("{{B[unsettledAmount{B[Counter]}]}}",2,true)]}	Input
■ unsettledQuantity{B[Counter]}	{B[GuiUnsettledQuantity{B[Counter]}]}	Verify
■ unsettledAmount{B[Counter]}	{B[GuiUnsettledAmount{B[Counter]}]}	Verify
■ TRNprep		
⌚ TBox Partial Buffer		
■ Buffer	TRN{B[Counter]}	Input
■ Value	{B[TRN{B[Counter]}]}	Input
■ Last	15	Input
⌚ unfilter		

<input type="checkbox"/> Settlement account ID-sdfsdf	{Click}	Input
<input type="checkbox"/> Isin-sdfsdf	{Click}	Input
<input type="checkbox"/> Intended settlement date-fds	{Click}	Input
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH}[{B[Counter]}+1]]	Input

## 16 | SendResponse548ForCancellation

<input checked="" type="checkbox"/> TBox DB Open Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input type="checkbox"/> DSN	tosca	Input
<input type="checkbox"/> User ID	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	***** ***** ***** ***** *****	Input
<input checked="" type="checkbox"/> InitCounter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> SelectExternalAccountAndBuildMessage		
<input type="checkbox"/> CUTTRN		
<input checked="" type="checkbox"/> TBox Partial Buffer		
<input type="checkbox"/> Buffer	cuttedTRN{B[Counter]}	Input
<input type="checkbox"/> Value	{B[TRN{B[Counter]}]}	Input
<input type="checkbox"/> Start	1	Input
<input type="checkbox"/> End	14	Input
<input checked="" type="checkbox"/> TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	SELECT trim(B_TRAD_98A),trim(B_SETT_98A),trim(E_SETT_19A),trim(C_SETT_36B),trim(C_CASH_97A),trim(C_SAFE_97A),trim(E_PSET_95),trim(C_TP_36B),trim(E_BROK_95), trim (B_ISIN_35B) FROM CCPADTATT.MSBKL00f where BKL_TRN='C{B[TRN{b[Counter]}]}' for read only	Input
<input type="checkbox"/> Result Table	{NULL}	Select
<input type="checkbox"/> #2	{NULL}	Select
<input type="checkbox"/> #1	TradeDate{B[Counter]}	Buffer
<input type="checkbox"/> #2	SettlementDate{B[Counter]}	Buffer
<input type="checkbox"/> #3	UnsettledAmount{B[Counter]}	Buffer
<input type="checkbox"/> #4	UnsettledQuantity{B[Counter]}	Buffer
<input type="checkbox"/> #5	cashAccount{B[Counter]}	Buffer
<input type="checkbox"/> #6	C_SAFE_97A_{B[Counter]}	Buffer
<input type="checkbox"/> #7	E_PSET_95_{B[Counter]}	Buffer
<input type="checkbox"/> #8	UorF{B[Counter]}	Buffer
<input type="checkbox"/> #9	E_BROK_95_{B[Counter]}	Buffer
<input type="checkbox"/> #10	ISIN{B[Counter]}	Buffer
<input type="checkbox"/> CheckCodeMessage		
<input type="checkbox"/> ConversionsOUT		

TBox Convert Decimal		
InputValue	{NULL}	Select
Value	{B[unsettledQuantity{B[Counter]}]}	Input
DecimalFormat	en	Input
ConvertedValue	{NULL}	Select
Value	unsettledQuantity{B[Counter]}	Buffer
DecimalFormat	de	Input
TBox Convert Decimal		
InputValue	{NULL}	Select
Value	{B[unsettledAmount{B[Counter]}]}	Input
DecimalFormat	en	Input
ConvertedValue	{NULL}	Select
Value	unsettledAmount{B[Counter]}	Buffer
DecimalFormat	de	Input
TBox DB Run SQL Statement		
SQL Statement	update toscatt.settlement_instructing set tested ='C' where set_account_ID= '{B[SettlementAccountID{B[Counter]}]}' and ISIN = '{B[ISIN{B[Counter]}]}' and TRN= '{B[TRN{B[Counter]}]}'	Input
Counter++		
Counter	{MATH[{B[Counter]}+1]}	Input
SelectEnvironment		
InitCounter		
Counter	1	Input
SendMessage		
Communicate with Websphere MQ		
Request	{NULL}	Select
Value	{B[IsoMessage{B[Counter]}]}	Input
Communicate	{NULL}	Select
Host	{B[Host]}	Input
Channel	{B[Channel]}	Input
Manager	{B[Manager]}	Input
Endpoint	{NULL}	Select
Type	{B[EndPointType]}	Input
Name	{B[EndPointName]}	Input
Authentication	{NULL}	Select
Username	{B[Username]}	Input
Password		Input
PreAuthenticate	{B[PreAuthenticate]}	Input
Send		Select
Headers	{NULL}	Select
DeliveryMode	{B[SendHeadersDeliveryMode]}	Input
Priority	{B[SendPriority]}	Input
Type	{B[SendType]}	Input

⌚ TBox Wait			
■ Duration	30000		Input
⌚ Counter++			
■ Counter	{MATH[{B[Counter]}+1]}		Input
⌚ TBox Wait			
■ Duration	45000		Input
⌚ TBox DB Close Connection			
■ Connection name	toscaConnection		Input

### ⌚ 17 | VerifyNewStatusCAND

■ GoToSettlementAccountItems			
⌚ Click on Menu			
■ MENU	{Click}		Input
⌚ InitCounter			
■ Counter	1		Input
■ Sage			
■ filter			
⌚ Cancelled Instruction History			
■ Sender Message Ref	{Click}		Input
■ <New Folder>			
⌚ TBox Wait			
■ Duration	500		Input
⌚ TBox Send Keys			
■ Caption	TT *		Input
■ Keys	Cancel Confirmation Ref		Input
⌚ TBox Wait			
■ Duration	500		Input
⌚ TBox Send Keys			
■ Caption	TT *		Input
■ Keys	"{ENTER}"		Input
⌚ TBox Wait			
■ Duration	500		Input
⌚ Cancelled Instruction History			
■ filtervalue	C{B[cuttedTRN{B[Counter]}]}2		Input
■ +	{Click}		Input
⌚ Cancelled Instruction History			
■ TABLE	{NULL}		Select
■ \$1	{NULL}		Select
■ \$13	CAND		Verify
⌚ Cancelled Instruction History			
■ Cancel Confirmation Ref-dcvzxdcv	{Click}		Input
⌚ Counter++			
■ Counter	{MATH[{B[Counter]}+1]}		Input

C 18   Update TRN		
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** *****	Input
■ COUNT REPS		
⌚ TBox DB Run SQL Statement		
■ SQL Statement	SELECT * FROM toscatt.settlement_instructing WHERE INTENDED_SETTL_DATE={B[DATE]} AND TRN=''	Input
■ Result Table	Reps	Buffer
■ Query TRN and if exist write in settlement instructin		
⌚ TBox DB Run SQL Statement		
■ SQL Statement	SELECT trim(ISIN), trim(SET_ACCOUNT_ID) FROM toscatt.settlement_instructing WHERE INTENDED_SETTL_DATE={B[DATE]} AND TRN='-' order by rand()	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #1	ISIN	Buffer
■ #2	SET_ACCOUNT	Buffer
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input

C 19   Launch_MT536/537		
■ Close Browser		
⌚ TBox Wait		
■ Duration	500	Input
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ Go To		
⌚ Click on Menu		
■ MENU	{Click}	Input

⌚ click on launch margin run			
■ Submit Job Immediately	X		Input
⌚ ClickOnCashSettlement			
■ ISO MT 536/537 open & settled positions statement	{Click}		Input
⌚ TBox Set Buffer			
■ Time_Swift	{DATETIME}		Input
⌚ Wait			
■ Duration	4000		Input
⌚ okay			
■ Caption	TT *		Input
■ Keys	"{ENTER}"		Input
⌚ TBox Wait			
■ Duration	100000		Input

### ⌚ 20 | Check swift log MT536

■ Close Browser			
⌚ TBox Wait			
■ Duration	500		Input
■ Login			
⌚ OpenUrl			
■ Url	https://10.178.25.6/		Input
⌚ Select Environment			
■ ITE2 - Internal Test Environment 2	X		Input
⌚ Login Credentials			
■ Username	{CP[UsernameWICS]}		Input
■ Password	{Click}		Input
■ Password	{CP[PasswordWICS]}		Input
■ Submit	{Click}		Input
■ Go To			
⌚ Click on Menu			
■ MENU	{Click}		Input
⌚ TBox Wait			
■ Duration	10000		Input
⌚ Swift Log Menu			
■ filtervalue	MT536		Input
■ +	{Click}		Input
⌚ TBox Wait			
■ Duration	10000		Input
⌚ Swift Log Menu_1			
■ TABLE	{NULL}		Select
■ #1	{NULL}		Select
■ #11	{CLICK}		Input
⌚ TBox Wait			
■ Duration	10000		Input

⌚ Swift Log Menu_1		
■ TABLE	{NULL}	Select
■ #1	{NULL}	Select
■ #11	{CLICK}	Input
⌚ TBox Wait		
■ Duration	5000	Input
⌚ Swift Log Menu_2		
■ CPASCHKW10_grid	{NULL}	Select
■ #2	{NULL}	Select
■ #11	DATE_SWIFT	Buffer
⌚ TC String Operations		
■ Value	{b[DATE_SWIFT]}	Input
■ Operation	ReplaceBy.Global	Input
■ Pattern	-	Input
■ Result	DATE_SWIFT	Input
⌚ TC String Operations		
■ Value	{b[DATE_SWIFT]}	Input
■ Operation	ReplaceBy.Global	Input
■ Pattern	\.	Input
■ Result	DATE_SWIFT	Input
⌚ TBox Partial Buffer		
■ Buffer	DATE_SWIFT	Input
■ Value	{b[DATE_SWIFT]}	Input
■ Start	1	Input
■ End	14	Input
⌚ TBox Set Buffer		
■ Time_Swift_Lower	{calc[{b[Time_Swift]}-500]}	Input
■ Time_Swift_Upper	{calc[{b[Time_Swift]}+500]}	Input
⌚ Swift Log Menu_3		
■ CODE MSG-MT535	{Click}	Input
⌚ TimeStampEvaluation (TimeFormat yyyyMMddHHmm)		
■ Expression	{b[Time_Swift_Upper]}>{b[DATE_SWIFT]} && {b[DATE_SWIFT]}>{b[Time_Swift_Lower]}	Verify

⌚ 21   Check swift log MT537		
■ Close Browser		
⌚ TBox Wait		
■ Duration	500	Input
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input

Login Credentials		
Username	{CP[UsernameWICS]}	Input
Password	{Click}	Input
Password	{CP[PasswordWICS]}	Input
Submit	{Click}	Input
Go To		
Click on Menu		
MENU	{Click}	Input
TBox Wait		
Duration	10000	Input
Swift Log Menu		
filtervalue	MT537	Input
+	{Click}	Input
TBox Wait		
Duration	10000	Input
Swift Log Menu_1		
TABLE	{NULL}	Select
#1	{NULL}	Select
#11	{CLICK}	Input
TBox Wait		
Duration	10000	Input
Swift Log Menu_1		
TABLE	{NULL}	Select
#1	{NULL}	Select
#11	{CLICK}	Input
TBox Wait		
Duration	5000	Input
Swift Log Menu_2		
CPASCHKW10_grid	{NULL}	Select
#2	{NULL}	Select
#11	DATE_SWIFT	Buffer
TC String Operations		
Value	{b[DATE_SWIFT]}	Input
Operation	ReplaceBy.Global	Input
Pattern	-	Input
Result	DATE_SWIFT	Input
TC String Operations		
Value	{b[DATE_SWIFT]}	Input
Operation	ReplaceBy.Global	Input
Pattern	\.	Input
Result	DATE_SWIFT	Input
TBox Partial Buffer		
Buffer	DATE_SWIFT	Input
Value	{b[DATE_SWIFT]}	Input

Start	1	Input
End	14	Input
⌚ TBox Set Buffer		
⌚ Time_Swift_Lower	{calc[ {b[Time_Swift]}-500]}	Input
⌚ Time_Swift_Upper	{calc[ {b[Time_Swift]}+500]}	Input
⌚ Swift Log Menu_3		
⌚ CODE MSG-MT535	{Click}	Input
⌚ TBox Evaluation Tool		
⌚ Expression	{b[Time_Swift_Upper]}>{b[DATE_SWIFT]} && {b[DATE_SWIFT]}>{b[Time_Swift_Lower]}	Verify

## ⌚ 22 | Update TRN

⌚ TBox Set Buffer		
⌚ Date	{DATE}[[yyyy-MM-dd]]	Input
⌚ DATE	{DATE}[[yyyy-MM-dd]]	Input
⌚ TBox DB Open Connection		
⌚ Connection name	toscaConnection	Input
⌚ DSN	tosca	Input
⌚ User ID	{CP[UsernameWICS]}	Input
⌚ Password	***** ***** ***** ***** *****	Input
⌚ COUNT REPS		
⌚ TBox DB Run SQL Statement		
⌚ SQL Statement	SELECT * FROM toscatt.settlement_instructing WHERE INTENDED_SETTL_DATE='{B[DATE]}' AND TRN='-'	Input
⌚ Result Table	Reps	Buffer
⌚ update record		
⌚ TBox DB Run SQL Statement		
⌚ SQL Statement	SELECT trim(ISIN), trim(SET_ACCOUNT_ID) FROM toscatt.settlement_instructing WHERE INTENDED_SETTL_DATE='{B[DATE]}' AND TRN='-' order by rand()	Input
⌚ Result Table	{NULL}	Select
⌚ #2	{NULL}	Select
⌚ #1	ISIN	Buffer
⌚ #2	SET_ACCOUNT	Buffer
⌚ TBox DB Run SQL Statement		

SQL Statement	<pre>update toscatt.settlement_instructing set TRN=( select substring(SMSGREF,2,15) TID from ccpadatt.CPASETP01V a, toscatt.settlement_instructing b where a.ISIN=b.ISIN and b.trn = '-' and a.SVSTLDATE=b.INTENDED_SETTL_DATE  and a.SSTLACCTID=b.SET_ACCOUNT_ID and b.intended_settl_date = current date AND b.ISIN= '{B[ISIN]}' and b.SET_ACCOUNT_ID= '{B[SET_ACCOUNT]}') WHERE ISIN= '{B[ISIN]}' AND SET_ACCOUNT_ID= '{B[SET_ACCOUNT]}' AND INTENDED_SETTL_DATE='{B[Date]}'</pre>	Input
TBox DB Close Connection		
Connection name	toscaConnection	Input

C 23   SendResponsesOn540 541 542 543 Full		
TBox DB Open Connection		
Connection name	toscaConnection	Input
DSN	tosca	Input
User ID	{CP[UsernameWICS]}	Input
Password	***** ***** ***** *****	Input
InitCounter		
Counter	1	Input
SelectExternalAccountAndBuildMessage		
TBox DB Run SQL Statement		
SQL Statement	<pre>SELECT TRN,UNSETTLED_AMOUNT, UNSETTLED_QUANTITY FROM TOSCATT.SETTLEMENT_INSTRUCTING WHERE INTENDED_SETTL_DATE= '{DATE[]][yyyy-MM-dd]}' and (tested ='F' or tested= 'N') AND TRN not in '-' ORDER BY RAND() LIMIT 10</pre>	Input
Result Table	{NULL}	Select
#2	{NULL}	Select
#1	TRN{B[Counter]}	Buffer
#2	TestTabUnsettledAmount{B[Counter]}	Buffer
#3	TestTabUnsettledQuantity{B[Counter]}	Buffer
TBox DB Run SQL Statement		
SQL Statement	<pre>UPDATE TOSCATT.SETTLEMENT_INSTRUCTING SET TESTED = 'F' WHERE TRN='{B[TRN{b[Counter]}]}'</pre>	Input

ConversionsIN		
TBox Convert Decimal		
InputValue	{NULL}	Select
Value	{B[TestTabUnsettledQuantity{B[Counter]}]}	Input
DecimalFormat	de	Input
ConvertedValue	{NULL}	Select
Value	TestTabUnsettledQuantity{B[Counter]}	Buffer
DecimalFormat	en	Input
TBox Convert Decimal		
InputValue	{NULL}	Select
Value	{B[TestTabUnsettledAmount{B[Counter]}]}	Input
DecimalFormat	de	Input
ConvertedValue	{NULL}	Select
Value	TestTabUnsettledAmount{B[Counter]}	Buffer
DecimalFormat	en	Input
TBox DB Run SQL Statement		
SQL Statement	<pre>SELECT trim(B_TRAD_98A),trim(B_SETT_98A),tri m(E_SETT_19A),trim(C_SETT_36B),trim( C_CASH_97A),trim(C_SAFE_97A),trim(E_ PSET_95),trim(C_TP_36B), trim(E_BROK_95), trim (B_ISIN_35B) FROM CCPADTATT.MSBKL00f where BKL_TRN='C{B[TRN{b[Counter]}]}' order by rand () for read only</pre>	Input
Result Table	{NULL}	Select
#2	{NULL}	Select
#1	TradeDate{B[Counter]}	Buffer
#2	SettlementDate{B[Counter]}	Buffer
#3	UnsettledAmount{B[Counter]}	Buffer
#4	UnsettledQuantity{B[Counter]}	Buffer
#5	cashAccount{B[Counter]}	Buffer
#6	C_SAFE_97A_{B[Counter]}	Buffer
#7	E_PSET_95_{B[Counter]}	Buffer
#8	UorF{B[Counter]}	Buffer
#9	E_BROK_95_{B[Counter]}	Buffer
#10	ISIN{B[Counter]}	Buffer
Counter++		
Counter	{MATH[{B[Counter]}+1]}	Input
SelectEnvironment		
InitCounter		
Counter	1	Input
SendMessage		
Communicate with Websphere MQ		
Request	{NULL}	Select
Value	{B[IsoMessage{B[Counter]}]}	Input
Communicate	{NULL}	Select

Host	{B[Host]}	Input
Channel	{B[Channel]}	Input
Manager	{B[Manager]}	Input
Endpoint	{NULL}	Select
Type	{B[EndPointType]}	Input
Name	{B[EndPointName]}	Input
Authentication	{NULL}	Select
Username	{B[Username]}	Input
Password		Input
PreAuthenticate	{B[PreAuthenticate]}	Input
Send		Select
Headers	{NULL}	Select
DeliveryMode	{B[SendHeadersDeliveryMode]}	Input
Priority	{B[SendPriority]}	Input
Type	{B[SendType]}	Input
⌚ TBox Wait		
Duration	1000	Input
⌚ Counter++		
Counter	{MATH[{B[Counter]}+1]}	Input
⌚ TBox Wait		
Duration	5000	Input
⌚ TBox DB Close Connection		
Connection name	toscaConnection	Input

#### ⌚ 24 | GoToSettlementAccountItemsAndVerifyFullSett

Close Browser		
⌚ TBox Wait		
Duration	500	Input
Login		
⌚ OpenUrl		
Url	https://10.178.25.6/	Input
⌚ Select Environment		
ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
Username	{CP[UsernameWICS]}	Input
Password	{Click}	Input
Password	{CP[PasswordWICS]}	Input
Submit	{Click}	Input
GoToSettlementAccountItems		
⌚ Click on Menu		
MENU	{Click}	Input
⌚ InitCounter		
Counter	1	Input
SettlementAccountItems		

refreshdata		
TBox DB Open Connection		
Connection name	toscaConnection	Input
DSN	tosca	Input
User ID	{CP[UsernameWICS]}	Input
Password	***** ***** ***** ***** *****	Input
TBox DB Run SQL Statement		
SQL Statement	SELECT intended_settl_date, set_account_ID FROM TOSCATT.SETTLEMENT_INSTRUCTING WHERE TRN = '{B[TRN{B[Counter]}]}'	Input
Result Table	{NULL}	Select
#2	{NULL}	Select
#1	DATE{B[Counter]}	Buffer
#2	SettlementAccountID{B[Counter]}	Buffer
TBox DB Close Connection		
Connection name	toscaConnection	Input
filter		
Menu and table Settlement Account Items		
Isin	{CLICK}	Input
SendKeys		
TBox Wait		
Duration	500	Input
TBox Send Keys		
Caption	TT *	Input
Keys	SETTLEMENT ACCOUNT ID	Input
TBox Wait		
Duration	500	Input
TBox Send Keys		
Caption	TT *	Input
Keys	"{ENTER}"	Input
Menu and table Settlement Account Items		
filtervalue	{B[SettlementAccountID{B[Counter]}]}	Input
+	{Click}	Input
TBox Wait		
Duration	500	Input
Menu and table Settlement Account Items		
Isin	{CLICK}	Input
SendKeys		
TBox Wait		
Duration	500	Input
TBox Send Keys		
Caption	TT *	Input

■ Keys	ISIN	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ Menu and table Settlement Account Items		
■ filtervalue	{B[ISIN{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Menu and table Settlement Account Items		
■ Isin	{CLICK}	Input
■ SendKeys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	INTENDED SETTLEMENT DATE	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ Menu and table Settlement Account Items		
■ filtervalue	{B[DATE{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Menu and table Settlement Account Items		
■ CPASETPW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$7	0,000	Verify
■ \$8	,00	Verify
■ \$13	FULL	Verify
■ \$15	TRN{B[Counter]}	Buffer
■ TRNprep		
⌚ TBox Partial Buffer		
■ Buffer	TRN{B[Counter]}	Input
■ Value	{B[TRN{B[Counter]}]}	Input
■ Last	15	Input
⌚ unfilter		
■ Settlement account ID-sdfsdf	{Click}	Input
■ Isin-sdfsdf	{Click}	Input

<input type="checkbox"/> Intended settlement date-fds	{Click}	Input
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH}[{B[Counter]}+1]}	Input

### 25 | GoToPositionAccountItemsAndVerifyFullSettl

<input type="checkbox"/> GoToPosAccountItems		
<input checked="" type="checkbox"/> Click on Menu		
<input type="checkbox"/> MENU	{Click}	Input
<input checked="" type="checkbox"/> InitCounter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> SettlementAccountItems		
<input type="checkbox"/> filter		
<input checked="" type="checkbox"/> TT AUSTRIA - Position Account Items		
<input type="checkbox"/> Settlement account ID	{CLICK}	Input
<input type="checkbox"/> SendKeys		
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input checked="" type="checkbox"/> TBox Send Keys		
<input type="checkbox"/> Caption	TT *	Input
<input type="checkbox"/> Keys	SETTLEMENT REF	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input checked="" type="checkbox"/> TBox Send Keys		
<input type="checkbox"/> Caption	TT *	Input
<input type="checkbox"/> Keys	"{ENTER}"	Input
<input checked="" type="checkbox"/> TT AUSTRIA - Position Account Items		
<input type="checkbox"/> filtervalue	C{B[TRN{B[Counter]}]}	Input
<input type="checkbox"/> +	{CLICK}	Input
<input type="checkbox"/> ViewSettled	Yes	Input
<input type="checkbox"/> CPAMGNPW10_grid	{NULL}	Select
<input type="checkbox"/> \$1	{NULL}	Select
<input type="checkbox"/> \$12	,000	Verify
<input type="checkbox"/> \$13	,00	Verify
<input checked="" type="checkbox"/> UnFilter		
<input type="checkbox"/> Settlement ref-65161	{Click}	Input
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH}[{B[Counter]}+1]}	Input

### 26 | SendResponsesOn540|541|542|543 Partial

<input checked="" type="checkbox"/> TBox DB Open Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input type="checkbox"/> DSN	tosca	Input
<input type="checkbox"/> User ID	{CP[UsernameWICS]}	Input

■ Password	***** ***** ***** ***** *****	Input
⌚ InitCounter		
■ Counter	1	Input
■ SelectExternalAccountAndBuildMessage		
⌚ TBox DB Run SQL Statement		
■ SQL Statement	<pre>SELECT TRN,UNSETTLED_AMOUNT, UNSETTLED_QUANTITY ,ISIN, SET_ACCOUNT_ID FROM TOSCATT.SETTLEMENT_INSTRUCTING WHERE INTENDED_SETTL_DATE= '{DATE[][][yyyy-MM-dd]}' AND (TESTED = 'N') and TRN not in '-' ORDER BY RAND() LIMIT 10</pre>	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #1	TRN{b[Counter]}	Buffer
■ #2	TestTabUnsettledAmount{B[Counter]}	Buffer
■ #3	TestTabUnsettledQuantity{B[Counter]}	Buffer
■ #4	ISIN{B[Counter]}	Buffer
■ #5	SettlementAccountID{B[Counter]}	Buffer
⌚ TBox DB Run SQL Statement		
■ SQL Statement	<pre>update toscatt.settlement_instructing set tested ='P' where set_account_ID= '{B[SettlementAccountID{B[Counter]}]}' and ISIN = '{B[ISIN{B[Counter]}]}' and TRN= '{B[TRN{B[Counter]}]}'</pre>	Input
■ ConversionsIN		
⌚ TBox Convert Decimal		
■ InputValue	{NULL}	Select
■ Value	{B[TestTabUnsettledQuantity{B[Counter]}]}	Input
■ DecimalFormat	de	Input
■ ConvertedValue	{NULL}	Select
■ Value	TestTabUnsettledQuantity{B[Counter]}	Buffer
■ DecimalFormat	en	Input
⌚ TBox Convert Decimal		
■ InputValue	{NULL}	Select
■ Value	{B[TestTabUnsettledAmount{B[Counter]}]}	Input
■ DecimalFormat	de	Input
■ ConvertedValue	{NULL}	Select
■ Value	TestTabUnsettledAmount{B[Counter]}	Buffer
■ DecimalFormat	en	Input
⌚ TBox DB Run SQL Statement		

SQL Statement	SELECT trim(B_TRAD_98A),trim(B_SETT_98A),trim(E_SETT_19A),trim(C_SETT_36B),trim(C_CASH_97A),trim(C_SAFE_97A),trim(E_PSET_95),trim(C_TP_36B),trim(E_BROK_95), trim (B_ISIN_35B) FROM CCPADTATT.MSBKL00f where BKL_TRN='C{B[TRN{b[Counter]}]}' for read only	Input
Result Table	{NULL}	Select
#2	{NULL}	Select
#1	TradeDate{B[Counter]}	Buffer
#2	SettlementDate{B[Counter]}	Buffer
#3	UnsettledAmount{B[Counter]}	Buffer
#4	UnsettledQuantity{B[Counter]}	Buffer
#5	cashAccount{B[Counter]}	Buffer
#6	C_SAFE_97A_{B[Counter]}	Buffer
#7	E_PSET_95_{B[Counter]}	Buffer
#8	UorF{B[Counter]}	Buffer
#9	E_BROK_95_{B[Counter]}	Buffer
#10	ISIN{B[Counter]}	Buffer
SelectFractionToSettle		
TBox Set Buffer		
Fraction	{RNDDECIMAL[2][0,1][0,9]}	Input
36B_ESTT_{B[Counter]}	{CALC[FIXED("{{B[Fraction]}}*{B[UnsettledQuantity{B[Counter]}]}}",3,true)}	Input
36B_RSTT_{B[Counter]}	{CALC[FIXED({B[UnsettledQuantity{B[Counter]}]}-{B[36B_ESTT_{B[Counter]}]},"",3,true)}	Input
19A_ESTT_{B[counter]}	{CALC[FIXED("{{B[Fraction]}}*{B[UnsettledAmount{B[Counter]}]}}",3,true)}	Input
19A_RSTT_{B[counter]}	{CALC[FIXED({B[UnsettledAmount{B[Counter]}]}-{B[19A_ESTT_{B[Counter]}]},"",3,true)}	Input
Counter++		
Counter	{MATH[{B[Counter]}+1]}	Input
SelectEnvironment		
InitCounter		
Counter	1	Input
SendMessage		
Communicate with Websphere MQ		
Request	{NULL}	Select
Value	{B[IsoMessage{B[Counter]}]}	Input
Communicate	{NULL}	Select
Host	{B[Host]}	Input
Channel	{B[Channel]}	Input
Manager	{B[Manager]}	Input
Endpoint	{NULL}	Select
Type	{B[EndPointType]}	Input

<input type="checkbox"/> Name	{B[EndPointName]}	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	{B[Username]}	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	{B[PreAuthenticate]}	Input
<input checked="" type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	{B[SendHeadersDeliveryMode]}	Input
<input type="checkbox"/> Priority	{B[SendPriority]}	Input
<input type="checkbox"/> Type	{B[SendType]}	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input
<input checked="" type="checkbox"/> TBox DB Close Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	10000	Input

## 27 |InitializeAllocationAppoTableInsertInstruction

<input checked="" type="checkbox"/> TBox DB Open Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input type="checkbox"/> DSN	tosca	Input
<input type="checkbox"/> User ID	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	***** ***** ***** *****	Input
<input checked="" type="checkbox"/> InitCounter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> InitializeAPPoTable		
<input type="checkbox"/> ConversionsIN		
<input checked="" type="checkbox"/> TBox Convert Decimal		
<input type="checkbox"/> InputValue	{NULL}	Select
<input type="checkbox"/> Value	{B[19A_RSTT_{B[counter]}]}	Input
<input type="checkbox"/> DecimalFormat	de	Input
<input type="checkbox"/> ConvertedValue	{NULL}	Select
<input type="checkbox"/> Value	19A_RSTT_{B[counter]}	Buffer
<input type="checkbox"/> DecimalFormat	en	Input
<input checked="" type="checkbox"/> TBox Convert Decimal		
<input type="checkbox"/> InputValue	{NULL}	Select
<input type="checkbox"/> Value	{B[36B_RSTT_{B[Counter]}]}	Input
<input type="checkbox"/> DecimalFormat	de	Input
<input type="checkbox"/> ConvertedValue	{NULL}	Select
<input type="checkbox"/> Value	36B_RSTT_{B[Counter]}	Buffer

■ DecimalFormat	en	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	Insert Into toscatt.allocation_appo (message_reference, original_qty, unsettled_quantity, original_amount, unsettled_amount, price, position_id) values ('{B[TRN{B[Counter]}]}' , '0' , '{B[36B_RSTT_{B[Counter]}]}' , '0' , '{B[19A_RSTT_{B[counter]}]}' , '0' , 'INSTRUCTION')	Input
■ ConversionsOut		
⌚ TBox Convert Decimal		
■ InputValue	{NULL}	Select
■ Value	{B[19A_RSTT_{B[counter]}]}	Input
■ DecimalFormat	en	Input
■ ConvertedValue	{NULL}	Select
■ Value	19A_RSTT_{B[counter]}	Buffer
■ DecimalFormat	de	Input
⌚ TBox Convert Decimal		
■ InputValue	{NULL}	Select
■ Value	{B[36B_RSTT_{B[Counter]}]}	Input
■ DecimalFormat	en	Input
■ ConvertedValue	{NULL}	Select
■ Value	36B_RSTT_{B[Counter]}	Buffer
■ DecimalFormat	de	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input

## C 28 | GoToSettlementAccountItemsAndVerifyPartialSett

■ GoToSettlementAccountItems		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ InitCounter		
■ Counter	1	Input
■ SettlementAccountItems		
■ refreshdata		
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** *****	Input

⌚ TBox DB Run SQL Statement			
■ SQL Statement	SELECT intended_settl_date, set_account_ID,sign(unsettled_quantity),sig n(unsettled_amount) FROM TOSCATT.SETTLEMENT_INSTRUCTING WHERE TRN = '{B[TRN{B[Counter]}]}'		Input
■ Result Table	{NULL}		Select
■ #2	{NULL}		Select
■ #1	DATE{B[Counter]}		Buffer
■ #2	SettlementAccountID{B[Counter]}		Buffer
■ #3	SignQTY		Buffer
■ #4	SignAMT		Buffer
⌚ TBox DB Close Connection			
■ Connection name	toscaConnection		Input
⌚ TBox Set Buffer			
■ 19A_RSTT_{B[counter]}	{CALC["""{B[19A_RSTT_{B[counter]}]}"""]* """\{B[SignQTY]\}"""}]		Input
■ 36B_RSTT_{B[Counter]}	{CALC["""{B[36B_RSTT_{B[counter]}]}"""]* """\{B[SignAMT]\}"""}]		Input
■ filter			
⌚ Menu and table Settlement Account Items			
■ Isin	{CLICK}		Input
■ SendKeys			
⌚ TBox Wait			
■ Duration	500		Input
⌚ TBox Send Keys			
■ Caption	TT *		Input
■ Keys	SETTLEMENT ACCOUNT ID		Input
⌚ TBox Wait			
■ Duration	500		Input
⌚ TBox Send Keys			
■ Caption	TT *		Input
■ Keys	"{ENTER}"		Input
⌚ Menu and table Settlement Account Items			
■ filtervalue	{B[SettlementAccountID{B[Counter]}]}		Input
■ +	{Click}		Input
⌚ TBox Wait			
■ Duration	500		Input
⌚ Menu and table Settlement Account Items			
■ Isin	{CLICK}		Input
■ SendKeys			
⌚ TBox Wait			
■ Duration	500		Input
⌚ TBox Send Keys			
■ Caption	TT *		Input
■ Keys	ISIN		Input

⌚ TBox Wait			
█ Duration	500		Input
⌚ TBox Send Keys			
█ Caption	TT *		Input
█ Keys	"{ENTER}"		Input
⌚ Menu and table Settlement Account Items			
█ filtervalue	{B[ISIN{B[Counter]}]}		Input
█ +	{Click}		Input
⌚ TBox Wait			
█ Duration	500		Input
⌚ Menu and table Settlement Account Items			
█ Isin	{CLICK}		Input
█ SendKeys			
⌚ TBox Wait			
█ Duration	500		Input
⌚ TBox Send Keys			
█ Caption	TT *		Input
█ Keys	INTENDED SETTLEMENT DATE		Input
⌚ TBox Wait			
█ Duration	500		Input
⌚ TBox Send Keys			
█ Caption	TT *		Input
█ Keys	"{ENTER}"		Input
⌚ Menu and table Settlement Account Items			
█ filtervalue	{B[DATE{B[Counter]}]}		Input
█ +	{Click}		Input
⌚ TBox Wait			
█ Duration	500		Input
⌚ Menu and table Settlement Account Items			
█ CPASETPW10_grid	{NULL}		Select
█ \$1	{NULL}		Select
█ \$7	Gui_36B_RSTT_{B[Counter]}		Buffer
█ \$8	Gui_19A_RSTT_{B[counter]}		Buffer
█ \$15	GUI_TRN{B[Counter]}		Buffer
⌚ TBox Set Buffer			
█ Gui_36B_RSTT_{B[Counter]}	{CALC[FIXED("{{B[Gui_36B_RSTT_{B[Counter]}]}}",2,True)]}		Input
█ Gui_19A_RSTT_{B[counter]}	{CALC[FIXED("{{B[Gui_19A_RSTT_{B[counter]}]}}",2,True)]}		Input
█ 19A_RSTT_{B[counter]}	{CALC[FIXED("{{B[19A_RSTT_{B[counter]}]}}",2,True)]}		Input
█ 36B_RSTT_{B[Counter]}	{CALC[FIXED("{{B[36B_RSTT_{B[Counter]}]}}",2,True)]}		Input
█ 19A_RSTT_{B[counter]}	{B[Gui_19A_RSTT_{B[counter]}]}		Verify
█ 36B_RSTT_{B[Counter]}	{B[Gui_36B_RSTT_{B[Counter]}]}		Verify
⌚ TBox Wait			

■ Duration	500	Input
⌚ Menu and table Settlement Account Items		
■ CPASETPW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ View this record	X	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TT AUSTRIA - Settlement Account Items		
■ Partial settlement status :	PAIN	Verify
■ Return	{Click}	Input
■ TRNprep		
⌚ TBox Partial Buffer		
■ Buffer	TRN{B[Counter]}	Input
■ Value	{B[TRN{B[Counter]}]}	Input
■ Last	15	Input
⌚ unfilter		
■ Settlement account ID-sdfsdf	{Click}	Input
■ Isin-sdfsdf	{Click}	Input
■ Intended settlement date-fds	{Click}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

## ⌚ 29 | AllocationModelTableInitializationInsertPositions

■ InitTable		
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ CountSettlementInstructionsTests		
■ SQL Statement	select count(*) from toscatt.allocation_appo a, toscatt.settlement_instructing b Where a.Position_ID= 'INSTRUCTION' and b.intended_settl_date= current date and a.message_Reference=b.TRN	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #1	NumberOfInstructions	Buffer
⌚ InitCounter		
■ Counter	1	Input
■ CycleOverInstructions		
⌚ TBox DB Run SQL Statement		

<input type="checkbox"/> SQL Statement	select trim(a.Message_Reference) from toscatt.allocation_appo a, toscatt.settlement_instructing b Where a.Position_ID= 'INSTRUCTION' and b.intended_settl_date= current date and a.message_Reference=b.TRN	Input
<input type="checkbox"/> Result Table	{NULL}	Select
<input type="checkbox"/> #{MATH[{B[Counter]}+1]}	{NULL}	Select
<input type="checkbox"/> #1	initTRN{B[Counter]}	Buffer
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input
<input checked="" type="checkbox"/> TBox DB Close Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input

### 30 | AllocationModelVerifyAllocationFailForSinglePositions

<input checked="" type="checkbox"/> TBox DB Open Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input type="checkbox"/> DSN	tosca	Input
<input type="checkbox"/> User ID	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	***** ***** ***** *****	Input
<input checked="" type="checkbox"/> InitCounter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> algorhythym		
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input
<input checked="" type="checkbox"/> TBox DB Close Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input

### 31 | AllocationModelVerifyAllocationFailForMultiplePositions

<input checked="" type="checkbox"/> TBox DB Open Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input type="checkbox"/> DSN	tosca	Input
<input type="checkbox"/> User ID	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	***** ***** ***** *****	Input
<input checked="" type="checkbox"/> InitCounter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> algorhythym		
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input
<input checked="" type="checkbox"/> TBox DB Close Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input

 xx   DELETE ALL BUFFERS		
 TBox Delete Buffer		
 00   ExecuteMarginRun		
 Close Browser		
 TBox Wait		
 Duration	500	Input
 Login		
 OpenUrl		
 Url	https://10.178.25.6/	Input
 Select Environment		
 ITE2 - Internal Test Environment 2	X	Input
 Login Credentials		
 Username	{CP[UsernameWICS]}	Input
 Password	{Click}	Input
 Password	{CP[PasswordWICS]}	Input
 Submit	{Click}	Input
 Go To		
 Click on Menu		
 MENU	{Click}	Input
 click on launch margin run		
 Submit Job Immediately	X	Input
 ClickOnMP20/MS20		
 MP20/MS20 open & settled positions	X	Input
 Wait		
 Duration	4000	Input
 okay		
 Caption	TT *	Input
 Keys	"{ENTER}"	Input
 TBox Wait		
 Duration	60000	Input
 Close Browser		
 TBox Wait		
 Duration	500	Input
 Login		
 OpenUrl		
 Url	https://10.178.25.6/	Input
 Select Environment		
 ITE2 - Internal Test Environment 2	X	Input
 Login Credentials		
 Username	{CP[UsernameWICS]}	Input
 Password	{Click}	Input
 Password	{CP[PasswordWICS]}	Input

<input type="checkbox"/> Submit	{Click}	Input
<b>01   LaunchSettlementInstructing</b>		
<input type="checkbox"/> Close Browser		
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input type="checkbox"/> Login		
<input checked="" type="checkbox"/> OpenUrl		
<input type="checkbox"/> Url	https://10.178.25.6/	Input
<input checked="" type="checkbox"/> Select Environment		
<input type="checkbox"/> ITE2 - Internal Test Environment 2	X	Input
<input checked="" type="checkbox"/> Login Credentials		
<input type="checkbox"/> Username	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	{Click}	Input
<input type="checkbox"/> Password	{CP[PasswordWICS]}	Input
<input type="checkbox"/> Submit	{Click}	Input
<input type="checkbox"/> Go To External Collateral Account Transaction		
<input checked="" type="checkbox"/> Click on Menu		
<input type="checkbox"/> MENU	{Click}	Input
<input checked="" type="checkbox"/> click on launch margin run		
<input type="checkbox"/> Submit Job Immediately	X	Input
<input checked="" type="checkbox"/> Okay		
<input type="checkbox"/> Settlement Instructing	X	Input
<input checked="" type="checkbox"/> Wait		
<input type="checkbox"/> Duration	4000	Input
<input checked="" type="checkbox"/> okay		
<input type="checkbox"/> Caption	TT *	Input
<input type="checkbox"/> Keys	"{ENTER}"	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	60000	Input
<input type="checkbox"/> Close Browser		
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input type="checkbox"/> Login		
<input checked="" type="checkbox"/> OpenUrl		
<input type="checkbox"/> Url	https://10.178.25.6/	Input
<input checked="" type="checkbox"/> Select Environment		
<input type="checkbox"/> ITE2 - Internal Test Environment 2	X	Input
<input checked="" type="checkbox"/> Login Credentials		
<input type="checkbox"/> Username	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	{Click}	Input
<input type="checkbox"/> Password	{CP[PasswordWICS]}	Input
<input type="checkbox"/> Submit	{Click}	Input

02   MP20_Columns_Check		
InitCounter		
Counter	1	Input
GoToCollateralBalanceItems		
Click on Menu		
MENU	{Click}	Input
TT AUSTRIA - HRR - MRR		
CURRENT DATE	{Click}	Input
INPUT	MP20 - Open Positions	Input
View	{Click}	Input
Export to Excel	{Click}	Input
TBox Wait		
Duration	{cp[ReportWait]}	Input
Opening MP20-1001_1001_1.xlsx		
You have chosen to open:	True	WaitOn
MP20-1001_1001_1.xlsx	csvName	Buffer
Save File	{Click}	Input
OK	{Click}	Input
TBox Wait		
Duration	{cp[DownloadWait]}	Input
TBox DB Expert module		
Open Connection	{NULL}	Select
Connection string	{cp[ConnectionString]}	Input
Driver	Generic ODBC	Input
SQL Statement	Select * From [test\$]	Input
Result Table	{NULL}	Select
#7	{NULL}	Select
#2	ISIN	Verify
#6	Trade Date	Verify
#8	Intended Settlement Date	Verify
#11	End of Validity Date	Verify
#14	Client Message Reference	Verify
#15	MITI	Verify
#16	Account Category	Verify
#18	Positions Quantity	Verify
#20	Quantity Type	Verify
#23	Position Amount	Verify
#25	Accrued Interest	Verify
#27	Position Account ID	Verify
#29	Position ID	Verify
#30	Settlement Reference	Verify
#31	Market	Verify
#32	Last Update Date Time	Verify

■ #33	Currency	Verify
■ Close connection	True	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

### ⌚ 03 | MS20\_Columns\_Check

⌚ InitCounter		
■ Counter	1	Input
■ GoToCollateralBalanceItems		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA - HRR - MRR		
■ CURRENT DATE	{Click}	Input
■ INPUT	MS20 - Settled Positions during the day	Input
■ View	{Click}	Input
■ Export to Excel	{Click}	Input
⌚ TBox Wait		
■ Duration	{cp[ReportWait]}	Input
⌚ Opening MP20-1001_1001_1.xlsx		
■ You have chosen to open:	True	WaitOn
■ MP20-1001_1001_1.xlsx	csvName	Buffer
■ Save File	{Click}	Input
■ OK	{Click}	Input
⌚ TBox Wait		
■ Duration	{cp[DownloadWait]}	Input
⌚ TBox DB Expert module		
■ Open Connection	{NULL}	Select
■ Connection string	{cp[ConnectionString]}	Input
■ Driver	Generic ODBC	Input
■ SQL Statement	Select * From [test\$]	Input
■ Result Table	{NULL}	Select
■ #7	{NULL}	Select
■ #2	ISIN	Verify
■ #6	Trade Date	Verify
■ #8	Intended Settlement Date	Verify
■ #10	Client Message Reference	Verify
■ #12	MITI	Verify
■ #15	Account Category	Verify
■ #16	Quantity Type	Verify
■ #17	Position Account ID	Verify
■ #19	Position ID	Verify
■ #22	Settlement Reference	Verify
■ #25	Positions Quantity	Verify

■ #27	Position Amount	Verify
■ #29	Accrued Interest	Verify
■ #31	Settled Quantity	Verify
■ #33	Settled Amount	Verify
■ #34	Settled accrued Interest	Verify
■ #35	Partial Settlement	Verify
■ #37	Market	Verify
■ #38	Last Update Date Time	Verify
■ #39	Currency	Verify
■ Close connection	True	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

#### ⌚ 04 | MP21\_Columns\_Check

⌚ InitCounter		
■ Counter	1	Input
■ GoToCollateralBalanceItems		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA - HRR - MRR		
■ CURRENT DATE	{Click}	Input
■ INPUT	MP21 - Open Settlement Instructions	Input
■ View	{Click}	Input
■ Export to Excel	{Click}	Input
⌚ TBox Wait		
■ Duration	{cp[ReportWait]}	Input
⌚ Opening MP20-1001_1001_1.xlsx		
■ You have chosen to open:	True	WaitOn
■ MP20-1001_1001_1.xlsx	csvName	Buffer
■ Save File	{Click}	Input
■ OK	{Click}	Input
⌚ TBox Wait		
■ Duration	{cp[DownloadWait]}	Input
⌚ TBox DB Expert module		
■ Open Connection	{NULL}	Select
■ Connection string	{cp[ConnectionString]}	Input
■ Driver	Generic ODBC	Input
■ SQL Statement	Select * From [test\$]	Input
■ Result Table	{NULL}	Select
■ #7	{NULL}	Select
■ #2	ISIN	Verify
■ #6	Trade Date	Verify
■ #8	Intended Settlement Date	Verify

■ #11	End of Validity Date	Verify
■ #14	Client Message Reference	Verify
■ #15	MITI	Verify
■ #16	Original Quantity	Verify
■ #17	Original Amount	Verify
■ #20	Unsettled Quantity	Verify
■ #24	Unsettled Amount	Verify
■ #25	Unsettled Accrued Interest	Verify
■ #28	Quantity Type	Verify
■ #30	Settlement References	Verify
■ #31	Settlement Account ID	Verify
■ #32	Market	Verify
■ #33	Last Update Date&Time	Verify
■ #34	Currency	Verify
■ Close connection	True	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

## ⌚ 05 | MS21\_Columns\_Check

⌚ InitCounter		
■ Counter	1	Input
■ GoToCollateralBalanceItems		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA - HRR - MRR		
■ CURRENT DATE	{Click}	Input
■ INPUT	MS21 - Settlement Balance - Settled Quantity	Input
■ View	{Click}	Input
■ Export to Excel	{Click}	Input
⌚ TBox Wait		
■ Duration	{cp[ReportWait]}	Input
⌚ Opening MP20-1001_1001_1.xlsx		
■ You have chosen to open:	True	WaitOn
■ MP20-1001_1001_1.xlsx	csvName	Buffer
■ Save File	{Click}	Input
■ OK	{Click}	Input
⌚ TBox Wait		
■ Duration	{cp[DownloadWait]}	Input
⌚ TBox DB Expert module		
■ Open Connection	{NULL}	Select
■ Connection string	{cp[ConnectionString]}	Input
■ Driver	Generic ODBC	Input
■ SQL Statement	Select * From [test\$]	Input

■ Result Table	{NULL}	Select
■ #7	{NULL}	Select
■ #2	ISIN	Verify
■ #6	Trade Date	Verify
■ #8	Intended Settlement Date	Verify
■ #13	Client Message Reference	Verify
■ #14	MITI	Verify
■ #15	Settlement Account ID	Verify
■ #16	Settlement References	Verify
■ #19	Settlement Quantity	Verify
■ #24	Settlement Amount	Verify
■ #25	Partial Settlement	Verify
■ #27	Settled Quantity	Verify
■ #30	Settled Amount	Verify
■ #31	Market	Verify
■ #32	Last Update Date Time	Verify
■ #33	Currency	Verify
■ Close connection	True	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

⌚ 00  Launch Margin Call and wait		
■ Go To External Collateral Account Transaction		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ click on launch margin run		
■ Submit Job Immediately	X	Input
⌚ Okay		
■ Margin Run	X	Input
⌚ Wait		
■ Duration	4000	Input
⌚ okay		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	60000	Input
■ Close Browser		
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		

■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input

C 01   MS22_Columns_Check		
⌚ InitCounter		
■ Counter	1	Input
■ GoToCollateralBalanceItems		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA - HRR - MRR		
■ CURRENT DATE	{Click}	Input
■ INPUT	MS22 - Margins per margin account and ISIN	Input
■ View	{Click}	Input
■ Export to Excel	{Click}	Input
⌚ TBox Wait		
■ Duration	{cp[ReportWait]}	Input
⌚ Opening MP20-1001_1001_1.xlsx		
■ You have chosen to open:	True	WaitOn
■ MP20-1001_1001_1.xlsx	csvName	Buffer
■ Save File	{Click}	Input
■ OK	{Click}	Input
⌚ TBox Wait		
■ Duration	{cp[DownloadWait]}	Input
⌚ TBox DB Expert module		
■ Open Connection	{NULL}	Select
■ Connection string	{cp[ConnectionString]}	Input
■ Driver	Generic ODBC	Input
■ SQL Statement	Select * From [test\$]	Input
■ Result Table	{NULL}	Select
■ #7	{NULL}	Select
■ #3	ISIN	Verify
■ #6	Margin Account ID	Verify
■ #8	Account Category	Verify
■ #11	Currency	Verify
■ #14	MTM	Verify
■ #15	Additional Margin	Verify
■ #16	Tot Margin	Verify
■ #19	Collateral Account ID	Verify
■ #22	Last Update Date Time	Verify
■ Close connection	True	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input

 File	{b[csvName]}	Input
<b>02   MS24_Columns_Check</b>		
 InitCounter		
 Counter	1	Input
 GoToCollateralBalanceItems		
 Click on Menu		
 MENU	{Click}	Input
 TT AUSTRIA - HRR - MRR		
 CURRENT DATE	{Click}	Input
 INPUT	MS24 - Margin Account Level	Input
 View	{Click}	Input
 Export to Excel	{Click}	Input
 TBox Wait		
 Duration	{cp[ReportWait]}	Input
 Opening MP20-1001_1001_1.xlsx		
 You have chosen to open:	True	WaitOn
 MP20-1001_1001_1.xlsx	csvName	Buffer
 Save File	{Click}	Input
 OK	{Click}	Input
 TBox Wait		
 Duration	{cp[DownloadWait]}	Input
 TBox DB Expert module		
 Open Connection	{NULL}	Select
 Connection string	{cp[ConnectionString]}	Input
 Driver	Generic ODBC	Input
 SQL Statement	Select * From [test\$]	Input
 Result Table	{NULL}	Select
 #7	{NULL}	Select
 #2	ISIN	Verify
 #6	Trade Date	Verify
 #8	Intended Settlement Date	Verify
 #11	Margin Account ID	Verify
 #14	Margin Group	Verify
 #15	Accrued Interest	Verify
 #17	Quantity Type	Verify
 #20	R-Factor	Verify
 #23	Last MTM-Price	Verify
 #25	Account Category	Verify
 #28	Quantity	Verify
 #29	Traded CTV	Verify
 #30	Currency	Verify
 #31	Market	Verify
 #32	Last Update Date&Time	Verify

■ Close connection	True	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

### ⌚ 03 | MS25\_Columns\_Check

⌚ InitCounter		
■ Counter	1	Input
■ GoToCollateralBalanceItems		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA - HRR - MRR		
■ CURRENT DATE	{Click}	Input
■ INPUT	MS25 - Margins per Collateral Account	Input
■ View	{Click}	Input
■ Export to Excel	{Click}	Input
⌚ TBox Wait		
■ Duration	{cp[ReportWait]}	Input
⌚ Opening MP20-1001_1001_1.xlsx		
■ You have chosen to open:	True	WaitOn
■ MP20-1001_1001_1.xlsx	csvName	Buffer
■ Save File	{Click}	Input
■ OK	{Click}	Input
⌚ TBox Wait		
■ Duration	{cp[DownloadWait]}	Input
⌚ TBox DB Expert module		
■ Open Connection	{NULL}	Select
■ Connection string	{cp[ConnectionString]}	Input
■ Driver	Generic ODBC	Input
■ SQL Statement	Select * From [test\$]	Input
■ Result Table	{NULL}	Select
■ #7	{NULL}	Select
■ #3	Margin Account ID	Verify
■ #6	Account Category	Verify
■ #8	Collateral Account ID	Verify
■ #11	Currency	Verify
■ #14	Total Margin	Verify
■ #15	Add-on Margin	Verify
■ #16	Margin requirement	Verify
■ #18	Last Update Date&Time	Verify
■ Close connection	True	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

04   MA01_Columns_Check		
InitCounter		
Counter	1	Input
GoToCollateralBalanceItems		
Click on Menu		
MENU	{Click}	Input
TT AUSTRIA - HRR - MRR		
CURRENT DATE	{Click}	Input
INPUT	MA01 - Securities Deposited/Withdrawn	Input
View	{Click}	Input
Export to Excel	{Click}	Input
TBox Wait		
Duration	{cp[ReportWait]}	Input
Opening MP20-1001_1001_1.xlsx		
You have chosen to open:	True	WaitOn
MP20-1001_1001_1.xlsx	csvName	Buffer
Save File	{Click}	Input
OK	{Click}	Input
TBox Wait		
Duration	{cp[DownloadWait]}	Input
TBox DB Expert module		
Open Connection	{NULL}	Select
Connection string	{cp[ConnectionString]}	Input
Driver	Generic ODBC	Input
SQL Statement	Select * From [test\$]	Input
Result Table	{NULL}	Select
#7	{NULL}	Select
#3	D/W	Verify
#6	Collateral account ID	Verify
#7	ISIN	Verify
#10	Description	Verify
#12	Collateral Class	Verify
#15	Issuer Group	Verify
#16	Denomination Currency	Verify
#17	Quantity Type	Verify
#19	Nominal/Quantity	Verify
#22	Price post Haircut	Verify
#25	Haircut	Verify
#27	Net Value	Verify
#30	Deposit Date	Verify
#31	Maturity Date	Verify
#32	Exchange Rate	Verify
#33	Currency Haircut	Verify

 #34	Collateral Value (Reference Currency)	Verify
 #35	Currency	Verify
 Close connection	True	Input
 TBox Delete File		
 Directory	{cp[PathCSV]}	Input
 File	{b[csvName]}	Input

### 05 | MA03\_Columns\_Check

 InitCounter		
 Counter	1	Input
 GoToCollateralBalanceItems		
 Click on Menu		
 MENU	{Click}	Input
 TT AUSTRIA - HRR - MRR		
 CURRENT DATE	{Click}	Input
 INPUT	MA03 - Concentration limits	Input
 View	{Click}	Input
 Export to Excel	{Click}	Input
 TBox Wait		
 Duration	{cp[ReportWait]}	Input
 Opening MP20-1001_1001_1.xlsx		
 You have chosen to open:	True	WaitOn
 MP20-1001_1001_1.xlsx	csvName	Buffer
 Save File	{Click}	Input
 OK	{Click}	Input
 TBox Wait		
 Duration	{cp[DownloadWait]}	Input
 TBox DB Expert module		
 Open Connection	{NULL}	Select
 Connection string	{cp[ConnectionString]}	Input
 Driver	Generic ODBC	Input
 SQL Statement	Select * From [test\$]	Input
 Result Table	{NULL}	Select
 #11	{NULL}	Select
 #5	Collateral Class	Verify
 #7	Limit (%)	Verify
 #11	Net Value after haircut	Verify
 #18	Threshold	Verify
 #21	Usable value post CCL	Verify
 #25	Usable percentage post CCL	Verify
 #29	Currency	Verify
 #18	{NULL}	Select
 #5	Collateral Account ID	Verify
 #8	ISIN	Verify

■ #12	Collateral Class	Verify
■ #17	Issuer Group	Verify
■ #19	Usable percentage post CCL	Verify
■ #23	Quantity Type	Verify
■ #26	Net Value before CCL	Verify
■ #30	Net Value Post CCL	Verify
■ #36	Deposit Date	Verify
■ #38	Maturity Date	Verify
■ #40	Currency	Verify
■ #55	{NULL}	Select
■ #5	Issuer Group	Verify
■ #7	Limit (%)	Verify
■ #11	Value after haircut IGL	Verify
■ #18	Threshold	Verify
■ #21	Usable value post IGL	Verify
■ #25	Usable percentage post IGL	Verify
■ #5	{NULL}	Select
■ #114	Security limit (%)	Verify
■ #115	Initial Margins	Verify
■ #116	Security collateral post CCL	Verify
■ #117	Security collateral post IGL	Verify
■ #118	SEL threshold	Verify
■ #119	Security collateral post SEL	Verify
■ #120	Excess Securities collateral	Verify
■ Close connection	True	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

## ⌚ 06 | MS33\_Columns\_Check

⌚ InitCounter		
■ Counter	1	Input
■ GoToCollateralBalanceItems		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA - HRR - MRR		
■ CURRENT DATE	{Click}	Input
■ INPUT	MS33 - Margin Call	Input
■ View	{Click}	Input
■ Export to Excel	{Click}	Input
⌚ TBox Wait		
■ Duration	{cp[ReportWait]}	Input
⌚ Opening MP20-1001_1001_1.xlsx		
■ You have chosen to open:	True	WaitOn

MP20-1001_1001_1.xlsx	csvName	Buffer
Save File	{Click}	Input
OK	{Click}	Input
TBox Wait		
Duration	{cp[DownloadWait]}	Input
TBox DB Expert module		
Open Connection	{NULL}	Select
Connection string	{cp[ConnectionString]}	Input
Driver	Generic ODBC	Input
SQL Statement	Select * From [test\$]	Input
Result Table	{NULL}	Select
#8	{NULL}	Select
#3	Collateral Account ID	Verify
#6	Member Name	Verify
#13	Margin Call Amount	Verify
#14	Time	Verify
#15	Currency	Verify
Close connection	True	Input
TBox Delete File		
Directory	{cp[PathCSV]}	Input
File	{b[csvName]}	Input

## 07 | MS36\_Columns\_Check

InitCounter		
Counter	1	Input
GoToCollateralBalanceItems		
Click on Menu		
MENU	{Click}	Input
TT AUSTRIA - HRR - MRR		
CURRENT DATE	{Click}	Input
INPUT	MS36 - Margin - Amount by GCM/NC	Input
View	{Click}	Input
Export to Excel	{Click}	Input
TBox Wait		
Duration	{cp[ReportWait]}	Input
Opening MP20-1001_1001_1.xlsx		
You have chosen to open:	True	WaitOn
MP20-1001_1001_1.xlsx	csvName	Buffer
Save File	{Click}	Input
OK	{Click}	Input
TBox Wait		
Duration	{cp[DownloadWait]}	Input
TBox DB Expert module		
Open Connection	{NULL}	Select

■ Connection string	{cp[ConnectionString]}	Input
■ Driver	Generic ODBC	Input
■ SQL Statement	Select * From [test\$]	Input
■ Result Table	{NULL}	Select
■ #8	{NULL}	Select
■ #3	Request	Verify
■ #6	Margin Account ID	Verify
■ #10	Account Category	Verify
■ #13	Member Name	Verify
■ #14	Margin Amount	Verify
■ #16	Currency	Verify
■ Close connection	True	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

### ⌚ 08 | MS11\_Columns\_Check

⌚ InitCounter		
■ Counter	1	Input
■ GoToCollateralBalanceItems		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA - HRR - MRR		
■ CURRENT DATE	{Click}	Input
■ INPUT	MS11 - Collateral Account Balance	Input
■ View	{Click}	Input
■ Export to Excel	{Click}	Input
⌚ TBox Wait		
■ Duration	{cp[ReportWait]}	Input
⌚ Opening MP20-1001_1001_1.xlsx		
■ You have chosen to open:	True	WaitOn
■ MP20-1001_1001_1.xlsx	csvName	Buffer
■ Save File	{Click}	Input
■ OK	{Click}	Input
⌚ TBox Wait		
■ Duration	{cp[DownloadWait]}	Input
⌚ TBox DB Expert module		
■ Open Connection	{NULL}	Select
■ Connection string	{cp[ConnectionString]}	Input
■ Driver	Generic ODBC	Input
■ SQL Statement	Select * From [test\$]	Input
■ Result Table	{NULL}	Select
■ #8	{NULL}	Select
■ #11	Margin Acct.	Verify

■ #13	Currency	Verify
■ Close connection	True	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

### ⌚ 00 | Execute Buy IN job

■ GoTo Job Schedule		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA - Job Schedule		
■ Submit Job Immediately	{Click}	Input
⌚ TT AUSTRIA - Job Schedule_1		
■ Buy-In	{Click}	Input
⌚ Wait		
■ Duration	4000	Input
⌚ okay		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	60000	Input
■ Close Browser		
⌚ TBox Wait		
■ Duration	500	Input
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input

### ⌚ 01 | ME01\_Columns\_Check

⌚ InitCounter		
■ Counter	1	Input
■ GoToCollateralBalanceItems		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA - HRR - MRR		
■ CURRENT DATE	{Click}	Input
■ INPUT	ME01 - Buy-in Notice	Input

View	{Click}	Input
Export to Excel	{Click}	Input
⌚ TBox Wait		
Duration	{cp[ReportWait]}	Input
⌚ Opening MP20-1001_1001_1.xlsx		
You have chosen to open:	True	WaitOn
MP20-1001_1001_1.xlsx	csvName	Buffer
Save File	{Click}	Input
OK	{Click}	Input
⌚ TBox Wait		
Duration	{cp[DownloadWait]}	Input
⌚ TBox DB Expert module		
Open Connection	{NULL}	Select
Connection string	{cp[ConnectionString]}	Input
Driver	Generic ODBC	Input
SQL Statement	Select * From [test\$]	Input
Result Table	{NULL}	Select
#9	{NULL}	Select
#2	ISIN	Verify
#6	Trade Date	Verify
#8	Intended Settlement Date	Verify
#11	End of Validity Date	Verify
#14	Client Message Reference	Verify
#15	MITI	Verify
#16	Account Category	Verify
#19	Position Quantity	Verify
#22	Quantity Type	Verify
#25	Position Amount	Verify
#27	Accrued Interest	Verify
#29	Position Account ID	Verify
#31	Position ID	Verify
#32	Settlement Reference	Verify
#33	Market	Verify
#34	Last Update Date&Time	Verify
#35	Currency	Verify
Close connection	True	Input
⌚ TBox Delete File		
Directory	{cp[PathCSV]}	Input
File	{b[csvName]}	Input

### ⌚ 00 | DFCallExecution

Close Browser		
⌚ TBox Wait		
Duration	500	Input

(Login)		
OpenUrl		
Url	https://10.178.25.6/	Input
Select Environment		
ITE2 - Internal Test Environment 2	X	Input
Login Credentials		
Username	{CP[UsernameWICS]}	Input
Password	{Click}	Input
Password	{CP[PasswordWICS]}	Input
Submit	{Click}	Input
GoToDFParticipantContribution		
Click on Menu		
MENU	{Click}	Input
Main Page DF Call History		
DF Call	{Click}	Input
DF call DF Call History		
LDFCODES	{CP[DFAccountID]}	Input
INIT DATE	{Cp[InitDate]}	Input
END DATE	{Cp[EndDate]}	Input
Add	X	Input
TBox Wait		
Duration	10000	Input

## 02 | MS14\_Columns\_Check

InitCounter		
Counter	1	Input
GoToCollateralBalanceItems		
Click on Menu		
MENU	{Click}	Input
TT AUSTRIA - HRR - MRR		
CURRENT DATE	{Click}	Input
INPUT	MS14 - Default Fund Contribution	Input
View	{Click}	Input
Export to Excel	{Click}	Input
TBox Wait		
Duration	{cp[ReportWait]}	Input
Opening MP20-1001_1001_1.xlsx		
You have chosen to open:	True	WaitOn
MP20-1001_1001_1.xlsx	csvName	Buffer
Save File	{Click}	Input
OK	{Click}	Input
TBox Wait		
Duration	{cp[DownloadWait]}	Input
TBox DB Expert module		

Open Connection	{NULL}	Select
Connection string	{cp[ConnectionString]}	Input
Driver	Generic ODBC	Input
SQL Statement	Select * From [test\$]	Input
Result Table	{NULL}	Select
#7	{NULL}	Select
#2	DF Account ID	Verify
#7	Variable Contribution	Verify
#10	Minimum Contribution	Verify
#13	Required Contribution	Verify
#14	Posted Collateral	Verify
#18	Excess Cash	Verify
#21	DF Call	Verify
#24	Currency	Verify
Close connection	True	Input
TBox Delete File		
Directory	{cp[PathCSV]}	Input
File	{b[csvName]}	Input

### 03 | MS15\_Columns\_Check

InitCounter		
Counter	1	Input
GoToCollateralBalanceItems		
Click on Menu		
MENU	{Click}	Input
TT AUSTRIA - HRR - MRR		
CURRENT DATE	{Click}	Input
INPUT	MS15 - Report - Default Fund Quota Calculation	Input
View	{Click}	Input
Export to Excel	{Click}	Input
TBox Wait		
Duration	{cp[ReportWait]}	Input
Opening MP20-1001_1001_1.xlsx		
You have chosen to open:	True	WaitOn
MP20-1001_1001_1.xlsx	csvName	Buffer
Save File	{Click}	Input
OK	{Click}	Input
TBox Wait		
Duration	{cp[DownloadWait]}	Input
TBox DB Expert module		
Open Connection	{NULL}	Select
Connection string	{cp[ConnectionString]}	Input
Driver	Generic ODBC	Input
SQL Statement	Select * From [test\$]	Input

Result Table	{NULL}	Select
#10	{NULL}	Select
#5	Margin Account ID	Verify
#12	Average Margin	Verify
#13	Currency	Verify
Close connection	True	Input
TBox Delete File		
Directory	{cp[PathCSV]}	Input
File	{b[csvName]}	Input

#### C 04 | MS16\_Columns\_Check

InitCounter		
Counter	1	Input
GoToCollateralBalanceItems		
Click on Menu		
MENU	{Click}	Input
TT AUSTRIA - HRR - MRR		
CURRENT DATE	{Click}	Input
INPUT	MS16 - Default Fund - Calculation Detailsation	Input
View	{Click}	Input
Export to Excel	{Click}	Input
TBox Wait		
Duration	{cp[ReportWait]}	Input
Opening MP20-1001_1001_1.xlsx		
You have chosen to open:	True	WaitOn
MP20-1001_1001_1.xlsx	csvName	Buffer
Save File	{Click}	Input
OK	{Click}	Input
TBox Wait		
Duration	{cp[DownloadWait]}	Input
TBox DB Expert module		
Open Connection	{NULL}	Select
Connection string	{cp[ConnectionString]}	Input
Driver	Generic ODBC	Input
SQL Statement	Select * From [test\$]	Input
Result Table	{NULL}	Select
#9	{NULL}	Select
#5	Margin date	Verify
#9	Margin	Verify
#12	Currency	Verify
Close connection	True	Input
TBox Delete File		
Directory	{cp[PathCSV]}	Input
File	{b[csvName]}	Input

 00   Execute MS23 production job		
■ GoToJobSchedule		
☛ Click on Menu		
■ MENU	{Click}	Input
☛ TT AUSTRIA - Job Schedule		
■ Submit Job Immediately	{Click}	Input
☛ TT AUSTRIA - Job Schedule_1		
■ MS23 Settlement forecast	{Click}	Input
☛ Wait		
■ Duration	4000	Input
☛ okay		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
☛ TBox Wait		
■ Duration	60000	Input
■ Close Browser		
☛ TBox Wait		
■ Duration	500	Input
■ Login		
☛ OpenUrl		
■ Url	https://10.178.25.6/	Input
☛ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
☛ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input

 01   MS23_Columns_Check		
☛ InitCounter		
■ Counter	1	Input
■ GoToCollateralBalanceItems		
☛ Click on Menu		
■ MENU	{Click}	Input
☛ TT AUSTRIA - HRR - MRR		
■ CURRENT DATE	{Click}	Input
■ INPUT	MS23 - Settlement Forecast	Input
■ View	{Click}	Input
■ Export to Excel	{Click}	Input
☛ TBox Wait		
■ Duration	{cp[ReportWait]}	Input
☛ Opening MP20-1001_1001_1.xlsx		

■ You have chosen to open:	True	WaitOn
■ MP20-1001_1001_1.xlsx	csvName	Buffer
■ Save File	{Click}	Input
■ OK	{Click}	Input
⌚ TBox Wait		
■ Duration	{cp[DownloadWait]}	Input
⌚ TBox DB Expert module		
■ Open Connection	{NULL}	Select
■ Connection string	{cp[ConnectionString]}	Input
■ Driver	Generic ODBC	Input
■ SQL Statement	Select * From [test\$]	Input
■ Result Table	{NULL}	Select
■ #7	{NULL}	Select
■ #3	ISIN	Verify
■ #6	Trade Date	Verify
■ #8	Intended Settlement Date	Verify
■ #11	End of Validity Date	Verify
■ #14	Settlement Account ID	Verify
■ #15	Unsettled Quantity	Verify
■ #16	Unsettled Amount	Verify
■ #19	Settlement Status	Verify
■ #23	Market	Verify
■ #24	Currency	Verify
■ Close connection	True	Input
⌚ TBox Delete File		
■ Directory	{cp[PathCSV]}	Input
■ File	{b[csvName]}	Input

### ⌚ 00 | ChooseRandomSample

⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** *****	Input
⌚ InitCounter		
■ Counter	1	Input
■ ChooseRandomSample		
⌚ TBox DB Run SQL Statement		
■ SQL Statement	select trim(SMSGREF) from CCPADTATT.CPASETP01V where SVBUYINDT = CURRENT DATE and SSSLSTAT='PENF' and soriqy< 0 order by random () for read only	Input
■ Result Table	{NULL}	Select

<input type="checkbox"/> #2	{NULL}	Select
<input type="checkbox"/> #1	TransactionID{B[Counter]}	Buffer
⌚ TBox Set Buffer		
<input type="checkbox"/> unsettledQuantity{B[Counter]}	{CALC[FIXED("{{B[unsettledQuantity{B[Counter]}]}}","3,true)]}}	Input
<input type="checkbox"/> unsettledAmount{B[Counter]}	{CALC[FIXED("{{B[unsettledAmount{B[Counter]}]}}","2,false)]}}	Input
⌚ Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input
⌚ TBox DB Close Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input

### ⌚ 01 | verifyValueBeforeJob

<input type="checkbox"/> Close Browser		
⌚ TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input type="checkbox"/> Login		
⌚ OpenUrl		
<input type="checkbox"/> Url	https://10.178.25.6/	Input
⌚ Select Environment		
<input type="checkbox"/> ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
<input type="checkbox"/> Username	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	{Click}	Input
<input type="checkbox"/> Password	{CP[PasswordWICS]}	Input
<input type="checkbox"/> Submit	{Click}	Input
<input type="checkbox"/> GoToPositionAccountItems		
⌚ Click on Menu		
<input type="checkbox"/> MENU	{Click}	Input
⌚ TT AUSTRIA - Position Account Items		
<input type="checkbox"/> Participant code	{Click}	Input
⌚ InitCounter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> verifyStatus		
<input type="checkbox"/> SendKeys		
⌚ TBox Wait		
<input type="checkbox"/> Duration	500	Input
⌚ TBox Send Keys		
<input type="checkbox"/> Caption	TT *	Input
<input type="checkbox"/> Keys	Settlement ref	Input
⌚ TBox Wait		
<input type="checkbox"/> Duration	500	Input
⌚ TBox Send Keys		
<input type="checkbox"/> Caption	TT *	Input
<input type="checkbox"/> Keys	"{ENTER}"	Input

 FILTER		
 filtervalue	{B[TransactionID{B[Counter]}]}	Input
 +	{Click}	Input
 TT AUSTRIA - Position Account Items		
 CPAMGNPW10_grid	{NULL}	Select
 \$1	{NULL}	Select
 View this record	{CLICK}	Input
 View Position Account Items		
 Buy-in status :	N	Verify
 Return	{Click}	Input
 UNFILTER		
 Settlement ref-FBSDFBSDFB	{Click}	Input
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input

 02   ExecuteJob		
 Close Browser		
 TBox Wait		
 Duration	500	Input
 Login		
 OpenUrl		
 Url	https://10.178.25.6/	Input
 Select Environment		
 ITE2 - Internal Test Environment 2	X	Input
 Login Credentials		
 Username	{CP[UsernameWICS]}	Input
 Password	{Click}	Input
 Password	{CP[PasswordWICS]}	Input
 Submit	{Click}	Input
 Go To		
 Click on Menu		
 MENU	{Click}	Input
 click on launch margin run		
 Submit Job Immediately	X	Input
 ClickOnBuyIn		
 Buy-In	X	Input
 Wait		
 Duration	4000	Input
 okay		
 Caption	TT *	Input
 Keys	"{ENTER}"	Input
 TBox Wait		
 Duration	60000	Input

 03   verifynewValue		
 Close Browser		
 TBox Wait		
 Duration	500	Input
 Login		
 OpenUrl		
 Url	https://10.178.25.6/	Input
 Select Environment		
 ITE2 - Internal Test Environment 2	X	Input
 Login Credentials		
 Username	{CP[UsernameWICS]}	Input
 Password	{Click}	Input
 Password	{CP[PasswordWICS]}	Input
 Submit	{Click}	Input
 GoToPositionAccountItems		
 Click on Menu		
 MENU	{Click}	Input
 TT AUSTRIA - Position Account Items		
 Participant code	{Click}	Input
 InitCounter		
 Counter	1	Input
 verifyStatus		
 SendKeys		
 TBox Wait		
 Duration	500	Input
 TBox Send Keys		
 Caption	TT *	Input
 Keys	Settlement ref	Input
 TBox Wait		
 Duration	500	Input
 TBox Send Keys		
 Caption	TT *	Input
 Keys	"{ENTER}"	Input
 FILTER		
 filtervalue	{B[TransactionID{B[Counter]}]}	Input
 +	{Click}	Input
 TT AUSTRIA - Position Account Items		
 CPAMGNPW10_grid	{NULL}	Select
 \$1	{NULL}	Select
 View this record	{CLICK}	Input
 View Position Account Items		
 Buy-in status :	Y	Verify
 Return	{Click}	Input

 UNFILTER		
 Settlement ref-FBSDFBSDFB	{Click}	Input
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input

C 04   VerifyDates		
 TBox DB Open Connection		
 Connection name	toscaConnection	Input
 DSN	tosca	Input
 User ID	{CP[UsernameWICS]}	Input
 Password	***** ***** ***** ***** *****	Input
 InitCounter		
 Counter	1	Input
 verifyStatus		
 TBox DB Run SQL Statement		
 SQL Statement	select a.svcashstldt,a.svbuyindt,a.SVTRRDDATE,b .CBUYPER,b.CCASHPER,b.CENDVPER,b .CISIN,b.CSETPER from CCPADTATT.CPASETP01V a,CCPADTATT.CGCLS01V b where a.sisin=b.cisin and b.CMKT='XVIE' and SVSTLDATE> current date -30 days order by random () limit 1 for read only	Input
 Result Table	{NULL}	Select
 #2	True	WaitOn
 #1	dataCashSettlement	Buffer
 #2	dataBuyIn	Buffer
 #3	TradeDate	Buffer
 #4	OffSetBuyIn	Buffer
 #5	OffSetCashSettlement	Buffer
 #6	EndOfValidityPeriod	Buffer
 #7	ISIN	Buffer
 #8	SettlementPeriod	Buffer
 CalculateDateBuyIn		
 TBox Set Buffer		
 DateOffsetBuyIn	{CALC[{B[EndOfValidityPeriod]}+{B[OffSetBuyIn]}]}	Input
 nDays	{B[DateOffsetBuyIn]}	Input
 count	0	Input
 TBox Set Buffer		
 currentDate	{DATE[{B[TradeDate]}][+{B[count]}d][dd/MM/yyyy HH:mm:ss]}	Input
 ICurrentDay	{LDAY[{DATE[{B[TradeDate]}][+{B[count]}d][dd/MM/yyyy HH:mm:ss]}]}	Input
 TBox Set Buffer		

<input type="checkbox"/> DateOffsetBuyIn	{CALC[{B[count]}]}	Input
<input type="checkbox"/> dataBuyIn	{DATE[{B[TradeDate]}][+{B[DateOffsetBuyIn]}d][dd/MM/yyyy HH:mm:ss]}	Verify
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input
<input checked="" type="checkbox"/> TBox DB Close Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input

## C 05 | Report ME01 Check

<input checked="" type="checkbox"/> InitCounter		
<input type="checkbox"/> Counter	1	Input
<input checked="" type="checkbox"/> TBox DB Open Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input type="checkbox"/> DSN	tosca	Input
<input type="checkbox"/> User ID	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	***** ***** ***** ***** *****	Input
<input type="checkbox"/> Checks		
<input checked="" type="checkbox"/> TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	select * from ccpadtatt.RPTME0100F a,ccpadtatt.CPAMGNP01V b where a.sett_ref=b.message_REFERENCE and message_REFERENCE='{b[TransactionID]{ b[Counter]}}'	Input
<input type="checkbox"/> Result Table	{NULL}	Select
<input type="checkbox"/> #2	{NULL}	Select
<input type="checkbox"/> ISIN	ISIN	Buffer
<input type="checkbox"/> ISIN_CODE	{b[ISIN]}	Verify
<input type="checkbox"/> #4	TRADE_DATE	Buffer
<input type="checkbox"/> #33	{b[TRADE_DATE]}	Verify
<input type="checkbox"/> INTSETT_DATE	INSETT_DATE	Buffer
<input type="checkbox"/> SETTL_DATE	{b[INSETT_DATE]}	Verify
<input type="checkbox"/> BUY_IN_STATUS	Y	Verify
<input type="checkbox"/> POSITION_QTY	POSITION_QTY	Buffer
<input type="checkbox"/> UNSETTLED_QUANTITY	{b[POSITION_QTY]}	Verify
<input type="checkbox"/> SETTLEMENT_AMOUNT	SETTLEMENT_AMOUNT	Buffer
<input type="checkbox"/> UNSETTLED_AMOUNT	UNSETTLED_AMOUNT	Buffer
<input checked="" type="checkbox"/> Counter++CHECKS		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input
<input type="checkbox"/> SETTLEMENT_AMOUNT	{CALC[FIXED("{{B[SETTLEMENT_AMO UNT]}}",2,false)]}	Input
<input type="checkbox"/> UNSETTLED_AMOUNT	{CALC[FIXED("{{B[UNSETTLED_AMOU NT]}}",2,false)]}	Input
<input checked="" type="checkbox"/> TBox DB Close Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input

C 00   ChooseRandomSample		
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** *****	Input
⌚ InitCounter		
■ Counter	1	Input
■ ChooseRandomSample		
⌚ TBox DB Run SQL Statement		
■ SQL Statement	select trim(SMSGREF) from CCPADTATT.CPASETP01V where SVCASHSTLDT = CURRENT DATE and SSTLSTAT='PENF' AND SORIQTY< 0 order by random () for read only	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #1	TransactionID{B[Counter]}	Buffer
⌚ TBox Set Buffer		
■ unsettledQuantity{B[Counter]}	{CALC[FIXED("{{B[unsettledQuantity{B[Counter]}]}}","3,true)]}	Input
■ unsettledAmount{B[Counter]}	{CALC[FIXED("{{B[unsettledAmount{B[Counter]}]}}","2,false)]}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input

C 01   verifyValueBeforeJob		
■ Close Browser		
⌚ TBox Wait		
■ Duration	500	Input
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ GoToPositionAccountItems		

⌚ Click on Menu			
■ MENU	{Click}		Input
⌚ TT AUSTRIA - Position Account Items			
■ Participant code	{Click}		Input
⌚ InitCounter			
■ Counter	1		Input
■ verifyStatus			
■ SendKeys			
⌚ TBox Wait			
■ Duration	500		Input
⌚ TBox Send Keys			
■ Caption	TT *		Input
■ Keys	Settlement ref		Input
⌚ TBox Wait			
■ Duration	500		Input
⌚ TBox Send Keys			
■ Caption	TT *		Input
■ Keys	"{ENTER}"		Input
⌚ FILTER			
■ filtervalue	{B[TransactionID{B[Counter]}]}		Input
■ +	{Click}		Input
⌚ TT AUSTRIA - Position Account Items			
■ CPAMGNPW10_grid	{NULL}		Select
■ \$1	{NULL}		Select
■ View this record	{CLICK}		Input
⌚ View Position Account Items			
■ Cash settlement Status :	N		Verify
■ Return	{Click}		Input
⌚ UNFILTER			
■ Settlement ref-FBSDFBSDFB	{Click}		Input
⌚ Counter++			
■ Counter	{MATH[{B[Counter]}+1]}		Input

## ⌚ 02 | ExecuteJob

■ Close Browser		
⌚ TBox Wait		
■ Duration	500	Input
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input

■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ Go To		
↻ Click on Menu		
■ MENU	{Click}	Input
⟳ click on launch margin run		
■ Submit Job Immediately	X	Input
⟳ ClickOnCashSettlement		
■ Cash Settlement	X	Input
⟳ Wait		
■ Duration	4000	Input
⟳ okay		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⟳ TBox Wait		
■ Duration	60000	Input

### ⌚ 03 | verifynewValue

■ Close Browser		
⟳ TBox Wait		
■ Duration	500	Input
■ Login		
⟳ OpenUrl		
■ Url	https://10.178.25.6/	Input
⟳ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⟳ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ GoToPositionAccountItems		
⟳ Click on Menu		
■ MENU	{Click}	Input
⟳ TT AUSTRIA - Position Account Items		
■ Participant code	{Click}	Input
⟳ InitCounter		
■ Counter	1	Input
■ verifyStatus		
■ SendKeys		
⟳ TBox Wait		
■ Duration	500	Input
⟳ TBox Send Keys		

■ Caption	TT *	Input
■ Keys	Settlement ref	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ FILTER		
■ filtervalue	{B[TransactionID{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TT AUSTRIA - Position Account Items		
■ CPAMGNPW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ View this record	{CLICK}	Input
⌚ View Position Account Items		
■ Cash settlement Status :	Y	Verify
■ Return	{Click}	Input
⌚ UNFILTER		
■ Settlement ref-FBSDFBSDFB	{Click}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

## ⌚ 04 | VerifyDates

⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ InitCounter		
■ Counter	1	Input
■ verifyStatus		
⌚ TBox DB Run SQL Statement		
■ SQL Statement	select a.svcashstldt,a.svbuyindt,a.SVTRDDATE,b .CBUPER,b.CCASHPER,b.CENDVPER,b .CISIN,b.CSETPER from CCPADTATT.CPASETP01V a,CCPADTATT.CGCLS01V b where a.sisin=b.cisin and b.CMKT='XVIE' and SVSTLDATE> current date -30 days order by random () limit 1 for read only	Input
■ Result Table	{NULL}	Select
■ #2	True	WaitOn
■ #1	dataCashSettlement	Buffer
■ #2	dataBuyIn	Buffer

■ #3	TradeDate	Buffer
■ #5	OffSetCashSettlement	Buffer
■ #4	OffSetBuyIn	Buffer
■ #6	EndOfValidityPeriod	Buffer
■ #7	ISIN	Buffer
■ #8	SettlementPeriod	Buffer
■ CalculateDateCashSett		
⌚ TBox Set Buffer		
■ DateOffsetCashSett	{CALC[{{B[EndOfValidityPeriod]}+{B[OffSet CashSettlement]}}]}	Input
■ nDays	{B[DateOffsetCashSett]}	Input
■ count	0	Input
⌚ TBox Set Buffer		
■ currentDate	{DATE[{{B[TradeDate]}][+{B[count]}d][dd/MM M/yyyy HH:mm:ss]}}	Input
■ lCurrentDay	{LDAY[{{DATE[{{B[TradeDate]}][+{B[count]}d ][dd/MM/yyyy HH:mm:ss]}]}]}	Input
⌚ TBox Set Buffer		
■ DateOffsetCashSet	{CALC[{{B[count]}]}]	Input
■ dataCashSettlement	{DATE[{{B[TradeDate]}][+{B[DateOffsetCas hSet]}d][dd/MM/yyyy HH:mm:ss]}}	Verify
⌚ Counter++		
■ Counter	{MATH[{{B[Counter]}+1}]}	Input
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input

### ⌚ 00 | ChooseRandomISINAsOldISIN

⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ InitCounter		
■ Counter	1	Input
■ ChooseRandomSample		
⌚ TBox DB Run SQL Statement		
■ SQL Statement	select ISIN_CODE from ccpadtatt.CPAMGNP01V where settlement_lock='F' and settl_date = '{DATE[] [+{B[offsetdays]}d][yyyy-MM-dd]}' order by rand ()	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #1	OldISIN	Buffer

 SelectItem		
 ISIN1	AT0000A1Y745	Input
 SettlementAccountID1	SA-2434	Input
 ISIN2	FR0011472943	Input
 SettlementAccountID2	SA-2774	Input
 unsettledQuantity1	-109999,000	Input
 unsettledAmount1	,00	Input
 unsettledQuantity2	-64,000	Input
 unsettledAmount2	,00	Input
 SelectItem		
 ISIN1	AT0000764626	Input
 SettlementAccountID1	SA-2733	Input
 ISIN2	AT0000764626	Input
 SettlementAccountID2	SA-2777	Input
 ISIN3	AT0000A0A1K1	Input
 SettlementAccountID3	SA-2434	Input
 ISIN4	AT0000A00XX9	Input
 SettlementAccountID4	SA-2276	Input
 TBox DB Run SQL Statement		
 SQL Statement	update toscatt.settlement_instructing set tested = 'F' where set_account_ID= '{B[SettlementAccountID{B[Counter]}]}' and ISIN = '{B[ISIN{B[Counter]}]}' and intended_settl_date = '{B[DATE{B[Counter]}]}'	Input
 TBox Set Buffer		
 unsettledQuantity{B[Counter]}	{CALC[FIXED("{{B[unsettledQuantity{B[Counter]}]}}","{3,true})]}	Input
 unsettledAmount{B[Counter]}	{CALC[FIXED("{{B[unsettledAmount{B[Counter]}]}}","{2,false})]}	Input
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input
 TBox DB Close Connection		
 Connection name	toscaConnection	Input

## 01 |InitVariables

 TBox Set Buffer		
 OldISIN	{B[OldISIN]}	Input
 CorporateActionType	03 Reverse Split (SPLR)	Input
 Ex-Date	{DATE[]][yyyy-MM-dd]}	Input
 AdjustmentFactor	3	Input
 AdjustmentPrecision	2	Input
 TransformationDecimal	3	Input
 RoundingRule	Round Nearest	Input
 AdjustmentFactorRule	{RANDOMREGEX[k 1/K]}	Input
 NewISIN	AUTOMATIONCA	Input
 MarketPrice	15,{RND[2]}	Input

 TC String Operations		
 Value	{b[MarketPrice]}	Input
 Operation	Replace.Global	Input
 Result	MarketPriceFeed	Input
 Pattern	,	Input
 ReplaceBy		Input

 02   CreateNewCorporateAction		
 Close Browser		
 TBox Wait		
 Duration	500	Input
 Login		
 OpenUrl		
 Url	https://10.178.25.6/	Input
 Select Environment		
 ITE2 - Internal Test Environment 2	X	Input
 Login Credentials		
 Username	{CP[UsernameWICS]}	Input
 Password	{Click}	Input
 Password	{CP[PasswordWICS]}	Input
 Submit	{Click}	Input
 GoToExternalCorporateActionDiary		
 Click on Menu		
 MENU	{Click}	Input
 TT AUSTRIA - Corporate Action Diary		
 Add	{Click}	Input
 CompileAddPoPUp		
 TT AUSTRIA - Corporate Action Diary addPopUp		
 OldISIN	{Click}	Input
 SendKeys		
 TBox Wait		
 Duration	500	Input
 TBox Send Keys		
 Caption	TT *	Input
 Keys	{b[OldISIN]}	Input
 TBox Wait		
 Duration	500	Input
 TBox Send Keys		
 Caption	TT *	Input
 Keys	"{ENTER}"	Input
 TT AUSTRIA - Corporate Action Diary addPopUp		
 Corporate Action Type :	{B[CorporateActionType]}	Input
 Ex-Date :	{B[Ex-Date]}	Input
 Adjustment Factor :	{B[AdjustmentFactor]}	Input

■ Adjustment Precision :	{B[AdjustmentPrecision]}	Input
■ Transformation Decimal :	{B[TransformationDecimal]}	Input
■ Rounding Rule :	{B[RoundingRule]}	Input
■ Adjustment Factor Rule :	{B[AdjustmentFactorRule]}	Input
■ New ISIN :	{B[NewISIN]}	Input
■ Add	X	Input
⌚ TT AUSTRIA - Corporate Action Diary		
■ Header	{NULL}	Select
■ \$0	{NULL}	Select
■ \$2	{Click}	Input
⌚ TBox Wait		
■ Duration	2500	Input
⌚ TT AUSTRIA - Corporate Action Diary		
■ Header	{NULL}	Select
■ \$0	{NULL}	Select
■ \$2	{Click}	Input
⌚ TBox Wait		
■ Duration	2500	Input
⌚ TT AUSTRIA - Corporate Action Diary		
■ CADIARYW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$2	CA_ID	Buffer

### ⌚ 03 | GoToMarginAccountItemsAndStoreDataPreJob

■ GoToMarginAccountItems		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ InitCounter		
■ Counter	1	Input
■ Cycle		
■ Filter		
⌚ TT AUSTRIA - Margin Account Items		
■ Margin Position ID	{Click}	Input
■ SendKeys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	MARGIN ACCOUNT ID	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input

🕒 TT AUSTRIA - Margin Account Items		
■ filtervalue	{B[MarginAccountID{B[Counter]}]}	Input
■ +	{Click}	Input
🕒 TBox Wait		
■ Duration	1500	Input
🕒 TT AUSTRIA - Margin Account Items		
■ Margin Position ID	{Click}	Input
■ SendKeys		
🕒 TBox Wait		
■ Duration	500	Input
🕒 TBox Send Keys		
■ Caption	TT *	Input
■ Keys	ISIN	Input
🕒 TBox Wait		
■ Duration	500	Input
🕒 TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
🕒 TT AUSTRIA - Margin Account Items		
■ filtervalue	{B[OldISIN]}	Input
■ +	{Click}	Input
🕒 TBox Wait		
■ Duration	1500	Input
🕒 TT AUSTRIA - Margin Account Items		
■ MRGVIEWW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$1		Verify
■ View this record	{Click}	Input
■ Buffer		
🕒 TT AUSTRIA - Margin Account Items PopUp		
■ QTY :	QTY	Buffer
■ QTY type :	QTY_type	Buffer
■ CTV :	CTV	Buffer
■ MTM Price :	MTMPrice	Buffer
■ MTM CTV :	MTMCTV	Buffer
■ Return	{Click}	Input
■ unfilter		
🕒 TT AUSTRIA - Margin Account Items		
■ Isin-213	{Click}	Input
🕒 Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input
🕒 04   LaunchCorporateActionJob		
■ Go To External Collateral Account Transaction		

⌚ Click on Menu			
■ MENU	{Click}		Input
⌚ click on launchjb			
■ Submit Job Immediately	X		Input
⌚ Okay			
■ Corporate Action	X		Input
⌚ Wait			
■ Duration	4000		Input
⌚ okay			
■ Caption	TT *		Input
■ Keys	"{ENTER}"		Input
⌚ TBox Wait			
■ Duration	60000		Input
■ Close Browser			
⌚ TBox Wait			
■ Duration	500		Input
■ Login			
⌚ OpenUrl			
■ Url	https://10.178.25.6/		Input
⌚ Select Environment			
■ ITE2 - Internal Test Environment 2	X		Input
⌚ Login Credentials			
■ Username	{CP[UsernameWICS]}		Input
■ Password	{Click}		Input
■ Password	{CP[PasswordWICS]}		Input
■ Submit	{Click}		Input

## ⌚ 05 | GoToPosAccountItemsAndVerifyCAInternalID

■ GoToPosAccountItems		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA - Position Account Items		
⌚ InitCounter		
■ Counter	1	Input
■ SettlementAccountItems		
■ filter		
⌚ TT AUSTRIA - Position Account Items		
■ Settlement account ID	{CLICK}	Input
■ SendKeys		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	ISIN	Input

⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - Position Account Items		
■ filtervalue	{B[OldISIN]}	Input
■ +	{Click}	Input
⌚ UnFilter		
⌚ TT AUSTRIA - Position Account		
■ CPAMGNPW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$3	PositionID	Buffer
■ View this record	{Click}	Input
⌚ TT AUSTRIA - Position Account		
■ CA Internal Id :	{B[CA_ID]}	Verify
⌚ TT AUSTRIA - Position Account		
■ Return	{Click}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

## ⌚ 05 |FeedNewPrice

⌚ TBox Counter		
■ Counter	1	Input
■ records		Input
■ Cycle		
⌚ FirstField		
■ Market	XVIE	Input
■ TIMESTAMP	{DATE[]][yyyyMMddHHmmss]}00	Input
■ FIRSTFIELD	{B[Market]}\{B[TIMESTAMP]}\{B[NewISIN]}	Input
■ firstField		
⌚ automQuery		
■ query	SELECT SUBSTRING(INTERNAL_ACCOUNT,1,19) , COLLATERAL_ACCOUNT_ID FROM CCPADTATT.CPACOLE00F WHERE COLLATERAL_ACCOUNT_ID IN ({B[CollateralAccounts]}) AND COLLATERAL_TYPE = 'C' FOR READ ONLY	Input
■ automQuery		
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input

<input type="checkbox"/> Password	***** ***** ***** ***** *****	Input
<input checked="" type="checkbox"/> TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	{B[query]}	Input
<input type="checkbox"/> Result Table	{NULL}	Select
<input type="checkbox"/> #{{MATH[{B[Counter]}+1]}}	{NULL}	Select
<input type="checkbox"/> #1	ExternalAccount{B[Counter]}	Buffer
<input type="checkbox"/> #2	CollateralAccountID{B[Counter]}	Buffer
<input checked="" type="checkbox"/> TBox DB Close Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input checked="" type="checkbox"/> secondField		
<input type="checkbox"/> secondField	A000000{B[MarketPriceFeed]}000EUR	Input
<input checked="" type="checkbox"/> TBox Set Buffer		
<input type="checkbox"/> record	{B[FirstField]} {B[secondField]}	Input
<input type="checkbox"/> records	{B[Record]}	Input
<input checked="" type="checkbox"/> TBox Counter		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input
<input checked="" type="checkbox"/> TBox filename		
<input type="checkbox"/> filename	PRICESVIE_CA.txt	Input
<input checked="" type="checkbox"/> TBox Read/Create File		
<input type="checkbox"/> Directory	{CP[PathSourcesFiles]}	Input
<input type="checkbox"/> File	{B[FileName]}	Input
<input type="checkbox"/> Text	{B[Records]}	Input
<input type="checkbox"/> Overwrite	True	Input

## 06 | SendPriceFileIntoTheSystem

<input checked="" type="checkbox"/> automQuery		
<input type="checkbox"/> query	select COALESCE(MAX(FPROGR),00) from CCPADTATT.CCPAFIL00F where FSUFFIX = 'prices' FOR READ ONLY	Input
<input type="checkbox"/> automQuery		
<input checked="" type="checkbox"/> TBox DB Open Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input type="checkbox"/> DSN	tosca	Input
<input type="checkbox"/> User ID	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	***** ***** ***** ***** *****	Input
<input checked="" type="checkbox"/> TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	{B[query]}	Input
<input type="checkbox"/> Result Table	{NULL}	Select
<input type="checkbox"/> #1	{NULL}	Select
<input type="checkbox"/> #1	Progr	Buffer
<input checked="" type="checkbox"/> TBox DB Close Connection		

■ Connection name	toscaConnection	Input
⌚ PriceName		
■ PricesVieName	pricesvie{DATE[::][yyyyMMddHHmmss]}_{B[Progr]}.txt	Input
⌚ TBox Copy File		
■ Source	{CP[PathSourcesFiles]}\PRICESVIE_CA.txt	Input
■ Target Directory	{CP[PathFeedPrices]}	Input
■ Target Filename	{B[PricesVieName]}	Input
■ Overwrite	True	Input

### ⌚ 07 | verify in Monitor Log

■ Close Browser		
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ Go To Monitor		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ Verify		
⌚ TT AUSTRIA - Monitor Log		
■ EXECUTED	{Click}	Input
■ First Row	{NULL}	Select
■ \$0	{NULL}	Select
■ \$3	{CLICK}	Input
⌚ TBox Wait		
■ Duration	1000	Input
⌚ TT AUSTRIA - Monitor Log		
■ First Row	{NULL}	Select
■ \$0	{NULL}	Select
■ \$3	{CLICK}	Input
⌚ TBox Wait_1		
■ Duration	1000	Input
⌚ TT AUSTRIA - Monitor Log		
■ CPAMNT010_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$1	PRICES0	Verify
■ \$2	END OF PRICES FILE: {B[PricesVieName]}	Verify

 08 |Launch Margin Call and wait

 Close Browser		
 TBox Wait		
 Duration	500	Input
 Login		
 OpenUrl		
 Url	https://10.178.25.6/	Input
 Select Environment		
 ITE2 - Internal Test Environment 2	X	Input
 Login Credentials		
 Username	{CP[UsernameWICS]}	Input
 Password	{Click}	Input
 Password	{CP[PasswordWICS]}	Input
 Submit	{Click}	Input
 Go To Job Schedule		
 Click on Menu		
 MENU	{Click}	Input
 click on launch margin run		
 Submit Job Immediately	X	Input
 Okay		
 Margin Run	X	Input
 Wait		
 Duration	4000	Input
 okay		
 Caption	TT *	Input
 Keys	"{ENTER}"	Input
 TBox Wait		
 Duration	60000	Input
 Close Browser		
 TBox Wait		
 Duration	500	Input
 Login		
 OpenUrl		
 Url	https://10.178.25.6/	Input
 Select Environment		
 ITE2 - Internal Test Environment 2	X	Input
 Login Credentials		
 Username	{CP[UsernameWICS]}	Input
 Password	{Click}	Input
 Password	{CP[PasswordWICS]}	Input
 Submit	{Click}	Input

 09 | GoToMarginAccountItemsAndReadGUI

GoToMarginAccountItems		
Click on Menu		
MENU	{Click}	Input
InitCounter		
Counter	1	Input
Cycle		
Filter		
TT AUSTRIA - Margin Account Items		
Margin Position ID	{Click}	Input
SendKeys		
TBox Wait		
Duration	500	Input
TBox Send Keys		
Caption	TT *	Input
Keys	MARGIN ACCOUNT ID	Input
TBox Wait		
Duration	500	Input
TBox Send Keys		
Caption	TT *	Input
Keys	"{ENTER}"	Input
TT AUSTRIA - Margin Account Items		
filtervalue	{B[MarginAccountID{B[Counter]}]}	Input
+	{Click}	Input
TBox Wait		
Duration	1500	Input
TT AUSTRIA - Margin Account Items		
Margin Position ID	{Click}	Input
SendKeys		
TBox Wait		
Duration	500	Input
TBox Send Keys		
Caption	TT *	Input
Keys	ISIN	Input
TBox Wait		
Duration	500	Input
TBox Send Keys		
Caption	TT *	Input
Keys	"{ENTER}"	Input
TT AUSTRIA - Margin Account Items		
filtervalue	{B[OldISIN]}	Input
+	{Click}	Input
TBox Wait		
Duration	1500	Input
TT AUSTRIA - Margin Account Items		

■ MRGVIEWW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$1		Verify
■ View this record	{Click}	Input
■ Buffer		
⌚ TT AUSTRIA - Margin Account Items PopUp		
■ QTY :	newQTY	Buffer
■ QTY type :	newQTY_type	Buffer
■ CTV :	newCTV	Buffer
■ MTM Price :	newMTMPPrice	Buffer
■ MTM CTV :	newMTMCTV	Buffer
■ Return	{Click}	Input
■ unfilter		
⌚ TT AUSTRIA - Margin Account Items		
■ Isin-213	{Click}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

### ⌚ 10 | ComputeNewAmount

⌚ InitCounter		
■ Counter	1	Input
■ SettlementAccountItems		
⌚ TBox Set Buffer		
■ newAmount	{CALC[FIXED("'''{B[newAmount]}'''',2,false)]}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

### ⌚ 11 | Verify New MTM CTV

⌚ InitCounter		
■ Counter	1	Input
■ SettlementAccountItems		
⌚ verify		
■ newMTMCTV	{B[newAmount]}	Verify
■ <Buffername>	{B[newAmount]}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

### ⌚ 01 | LaunchSettlementNetting

■ Close Browser		
⌚ TBox Wait		
■ Duration	500	Input
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input

☛ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
☛ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ Go To External Collateral Account Transaction		
☛ Click on Menu		
■ MENU	{Click}	Input
☛ click on launch margin run		
■ Submit Job Immediately	X	Input
☛ Okay		
■ Settlement Netting	X	Input
☛ Wait		
■ Duration	4000	Input
☛ okay		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
☛ TBox Wait		
■ Duration	60000	Input
■ Close Browser		
☛ TBox Wait		
■ Duration	500	Input
■ Login		
☛ OpenUrl		
■ Url	https://10.178.25.6/	Input
☛ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
☛ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input

## ☛ 02 | Launch Settlement Instructing

■ Close Browser		
☛ TBox Wait		
■ Duration	500	Input
■ Login		
☛ OpenUrl		
■ Url	https://10.178.25.6/	Input
☛ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input

 Login Credentials		
 Username	{CP[UsernameWICS]}	Input
 Password	{Click}	Input
 Password	{CP[PasswordWICS]}	Input
 Submit	{Click}	Input
 Go To External Collateral Account Transaction		
 Click on Menu		
 MENU	{Click}	Input
 click on launch margin run		
 Submit Job Immediately	X	Input
 Okay		
 Settlement Instructing	X	Input
 Wait		
 Duration	4000	Input
 okay		
 Caption	TT *	Input
 Keys	"{ENTER}"	Input
 TBox Wait		
 Duration	60000	Input
 Close Browser		
 TBox Wait		
 Duration	500	Input
 Login		
 OpenUrl		
 Url	https://10.178.25.6/	Input
 Select Environment		
 ITE2 - Internal Test Environment 2	X	Input
 Login Credentials		
 Username	{CP[UsernameWICS]}	Input
 Password	{Click}	Input
 Password	{CP[PasswordWICS]}	Input
 Submit	{Click}	Input

### 03 | GoToSettlementAccountItemsAndReadGUI

 GoToSettlementAccountItems		
 Click on Menu		
 MENU	{Click}	Input
 InitCounter		
 Counter	1	Input
 SettlementAccountItems		
 filter		
 Menu and table Settlement Account Items		
 Isin	{CLICK}	Input
 SendKeys		

⌚ TBox Wait			
█ Duration	500		Input
⌚ TBox Send Keys			
█ Caption	TT *		Input
█ Keys	ISIN		Input
⌚ TBox Wait			
█ Duration	500		Input
⌚ TBox Send Keys			
█ Caption	TT *		Input
█ Keys	"{ENTER}"		Input
⌚ Menu and table Settlement Account Items			
█ filtervalue	{B[OldISIN]}		Input
█ +	{Click}		Input
⌚ TBox Wait			
█ Duration	500		Input
⌚ Menu and table Settlement Account Items			
█ Isin	{CLICK}		Input
█ SendKeys			
⌚ TBox Wait			
█ Duration	500		Input
⌚ TBox Send Keys			
█ Caption	TT *		Input
█ Keys	INTENDED SETTLEMENT DATE		Input
⌚ TBox Wait			
█ Duration	500		Input
⌚ TBox Send Keys			
█ Caption	TT *		Input
█ Keys	"{ENTER}"		Input
⌚ Menu and table Settlement Account Items			
█ filtervalue	{B[Date]}		Input
█ +	{Click}		Input
⌚ TBox Wait			
█ Duration	500		Input
⌚ Menu and table Settlement Account Items			
█ CPASETPW10_grid	{NULL}		Select
█ \$1	{NULL}		Select
█ \$7	GuiUnsettledQuantity{B[Counter]}		Buffer
█ \$8	GuiUnsettledAmount{B[Counter]}		Buffer
█ \$13	PEND		Verify
█ \$15	TRN{B[Counter]}		Buffer
█ TRNprep			
⌚ TBox Partial Buffer			
█ Buffer	TRN{B[Counter]}		Input
█ Value	{B[TRN{B[Counter]}]}		Input

<input type="checkbox"/> Last	15	Input
<input checked="" type="checkbox"/> unfilter		
<input type="checkbox"/> Isin-sdfsdf	{Click}	Input
<input type="checkbox"/> Intended settlement date-fds	{Click}	Input
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input

## C 04 | Build548Message

<input checked="" type="checkbox"/> TBox DB Open Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input type="checkbox"/> DSN	tosca	Input
<input type="checkbox"/> User ID	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	***** ***** ***** *****	Input
<input type="checkbox"/> CUTTRN		
<input checked="" type="checkbox"/> TBox Partial Buffer		
<input type="checkbox"/> Buffer	cuttedTRN{B[Counter]}	Input
<input type="checkbox"/> Value	{B[TRN{B[Counter]}]}	Input
<input type="checkbox"/> Start	1	Input
<input type="checkbox"/> End	14	Input
<input checked="" type="checkbox"/> InitCounter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> SelectExternalAccountAndBuildMessage		
<input checked="" type="checkbox"/> TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	SELECT trim(B_TRAD_98A),trim(B_SETT_98A),tri m(E_SETT_19A),trim(C_SETT_36B),trim( C_CASH_97A),trim(C_SAFE_97A),trim(E_ PSET_95),trim(C_TP_36B), trim(E_BROK_95), trim (B_ISIN_35B), trim (BKL_MSG), trim(BKL_BICRIC) FROM CCPADTATT.MSBKL00f where BKL_TRN='C{B[TRN{b[Counter]}]}' for read only	Input
<input type="checkbox"/> Result Table	{NULL}	Select
<input type="checkbox"/> #2	{NULL}	Select
<input type="checkbox"/> #1	TradeDate{B[Counter]}	Buffer
<input type="checkbox"/> #2	SettlementDate{B[Counter]}	Buffer
<input type="checkbox"/> #3	UnsettledAmount{B[Counter]}	Buffer
<input type="checkbox"/> #4	UnsettledQuantity{B[Counter]}	Buffer
<input type="checkbox"/> #5	cashAccount{B[Counter]}	Buffer
<input type="checkbox"/> #6	C_SAFE_97A_{B[Counter]}	Buffer
<input type="checkbox"/> #7	E_PSET_95_{B[Counter]}	Buffer
<input type="checkbox"/> #8	E_BROK_95_{B[Counter]}	Buffer
<input type="checkbox"/> #9	E_ISIN{B[Counter]}	Buffer
<input type="checkbox"/> #10		Buffer

■ #11	CodeMSG{B[Counter]}	Buffer
■ #12	BKL_BICRIC{B[Counter]}	Buffer
■ CheckCodeMessage		
■ ConversionsOUT		
☛ TBox Convert Decimal		
■ InputValue	{NULL}	Select
■ Value	{B[unsettledQuantity{B[Counter]}]}	Input
■ DecimalFormat	en	Input
■ ConvertedValue	{NULL}	Select
■ Value	unsettledQuantity{B[Counter]}	Buffer
■ DecimalFormat	de	Input
☛ TBox Convert Decimal		
■ InputValue	{NULL}	Select
■ Value	{B[unsettledAmount{B[Counter]}]}	Input
■ DecimalFormat	en	Input
■ ConvertedValue	{NULL}	Select
■ Value	unsettledAmount{B[Counter]}	Buffer
■ DecimalFormat	de	Input
☛ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input
☛ TBox DB Close Connection		
■ Connection name	toscaConnection	Input

## 05 | Send548

■ SelectEnvironment		
☛ InitCounter		
■ Counter	1	Input
■ SendMessage		
☛ Communicate with Websphere MQ		
■ Request	{NULL}	Select
■ Value	{B[IsoMessage{B[Counter]}]}	Input
■ Communicate	{NULL}	Select
■ Host	{B[Host]}	Input
■ Channel	{B[Channel]}	Input
■ Manager	{B[Manager]}	Input
■ Endpoint	{NULL}	Select
■ Type	{B[EndPointType]}	Input
■ Name	{B[EndPointName]}	Input
■ Authentication	{NULL}	Select
■ Username	{B[Username]}	Input
■ Password		Input
■ PreAuthenticate	{B[PreAuthenticate]}	Input
■ Send		Select
■ Headers	{NULL}	Select

<input type="checkbox"/> DeliveryMode	{B[SendHeadersDeliveryMode]}	Input
<input type="checkbox"/> Priority	{B[SendPriority]}	Input
<input type="checkbox"/> Type	{B[SendType]}	Input
⌚ TBox Wait		
<input type="checkbox"/> Duration	30000	Input
⌚ Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input

## C 06 | CheckResultInCancelledInstructionHistory

<input type="checkbox"/> GoToSettlementAccountItems		
⌚ Click on Menu		
<input type="checkbox"/> MENU	{Click}	Input
⌚ InitCounter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> FilterAndCheckValues		
<input type="checkbox"/> filter		
⌚ Cancelled Instruction History		
<input type="checkbox"/> Sender Message Ref	{Click}	Input
<input type="checkbox"/> <New Folder>		
⌚ TBox Wait		
<input type="checkbox"/> Duration	500	Input
⌚ TBox Send Keys		
<input type="checkbox"/> Caption	TT *	Input
<input type="checkbox"/> Keys	Sender Message Ref	Input
⌚ TBox Wait		
<input type="checkbox"/> Duration	500	Input
⌚ TBox Send Keys		
<input type="checkbox"/> Caption	TT *	Input
<input type="checkbox"/> Keys	"{ENTER}"	Input
⌚ TBox Wait		
<input type="checkbox"/> Duration	500	Input
⌚ Cancelled Instruction History		
<input type="checkbox"/> filtervalue	C{B[cuttedTRN{B[Counter]}]}1	Input
<input type="checkbox"/> +	{Click}	Input
⌚ Cancelled Instruction History		
<input type="checkbox"/> TABLE	{NULL}	Select
<input type="checkbox"/> \$1	{NULL}	Select
<input type="checkbox"/> \$13	CAND	Verify
⌚ Cancelled Instruction History		
<input type="checkbox"/> Sender Message Ref-xdcvzx	{Click}	Input
⌚ Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input

## C 07 | GoToSettlementAccountItemsAndReadGui

GoToSettlementAccountItems		
Click on Menu		
MENU	{Click}	Input
InitCounter		
Counter	1	Input
SettlementAccountItems		
filter		
Menu and table Settlement Account Items		
Isin	{CLICK}	Input
SendKeys		
TBox Wait		
Duration	500	Input
TBox Send Keys		
Caption	TT *	Input
Keys	Sender msg Ref	Input
TBox Wait		
Duration	500	Input
TBox Send Keys		
Caption	TT *	Input
Keys	"{ENTER}"	Input
Menu and table Settlement Account Items		
filtervalue	C{B[cuttedTRN{B[Counter]}]}1	Input
+	{Click}	Input
Menu and table Settlement Account Items		
CPASETPW10_grid	{NULL}	Select
\$1	{NULL}	Select
\$7	GUIunsettledQuantity	Buffer
\$8	GUIunsettledAmount	Buffer
\$13	CAND	Verify
\$15	TRN{B[Counter]}	Buffer
View this record	X	Input
verifyQtyAmountwithSign		
TT AUSTRIA - Settlement Account Items		
Reason code :	ReasonCode	Buffer
Reason description :	ReasonDesc	Buffer
Return	X	Input
TRNprep		
TBox Partial Buffer		
Buffer	TRN{B[Counter]}	Input
Value	{B[TRN{B[Counter]}]}	Input
Last	15	Input
unfilter		
Sender msg ref-sdf	{Click}	Input
Counter++		

 Counter	{MATH[{B[Counter]}+1]}	Input
---	------------------------	-------

### 08 | VerifyReasonCodeDescriptionStatus

 InitCounter		
 Counter	1	Input
 SettlementAccountItems		
 Verify		
 ReasonCode	CANT	Verify
 ReasonDesc	Cancellation due to Transformation	Verify
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input

### 09 | VerifyPositionUnlocked

 GoToPosAccountItems		
 Click on Menu		
 MENU	{Click}	Input
 TT AUSTRIA - Position Account Items		
 InitCounter		
 Counter	1	Input
 SettlementAccountItems		
 TT AUSTRIA - Position Account Items		
 SettlementLock	Free	Input
 TT AUSTRIA - Position Account Items		
 ViewSettled	All	Input
 filter		
 TT AUSTRIA - Position Account Items		
 Settlement account ID	{CLICK}	Input
 SendKeys		
 TBox Wait		
 Duration	500	Input
 TBox Send Keys		
 Caption	TT *	Input
 Keys	settlement ref	Input
 TBox Wait		
 Duration	500	Input
 TBox Send Keys		
 Caption	TT *	Input
 Keys	"{ENTER}"	Input
 TT AUSTRIA - Position Account Items		
 filtervalue	C{B[cuttedTRN{B[Counter]}]}1	Input
 +	{Click}	Input
 UnFilter		
 Settlement ref-65161	{CLICK}	Input
 TT AUSTRIA - Position Account		

<input type="checkbox"/> CPAMGNPW10_grid	{NULL}	Select
<input type="checkbox"/> \$1	{NULL}	Select
<input type="checkbox"/> View this record	{Click}	Input
<input checked="" type="checkbox"/> TT AUSTRIA - Position Account		
<input type="checkbox"/> CA Internal Id :	{B[CA_ID]}	Verify
<input checked="" type="checkbox"/> TT AUSTRIA - Position Account		
<input type="checkbox"/> Return	{Click}	Input
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input

## C 10 | Build548MessageForTransformation

<input checked="" type="checkbox"/> TBox DB Open Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input type="checkbox"/> DSN	tosca	Input
<input type="checkbox"/> User ID	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	***** ***** ***** *****	Input
<input type="checkbox"/> CUTTRN		
<input checked="" type="checkbox"/> TBox Partial Buffer		
<input type="checkbox"/> Buffer	cuttedTRN{B[Counter]}	Input
<input type="checkbox"/> Value	{B[TRN{B[Counter]}]}	Input
<input type="checkbox"/> Start	1	Input
<input type="checkbox"/> End	14	Input
<input checked="" type="checkbox"/> InitCounter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> SelectExternalAccountAndBuildMessage		
<input checked="" type="checkbox"/> TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	SELECT trim(B_TRAD_98A),trim(B_SETT_98A),trim(E_SETT_19A),trim(C_SETT_36B),trim(C_CASH_97A),trim(C_SAFE_97A),trim(E_PSET_95),trim(C_TP_36B),trim(E_BROK_95), trim(B_ISIN_35B), trim(BKL_MSG), trim(BKL_BICRIC) FROM CCPADTATT.MSBKL00f where BKL_TRN='C{B[TRN{b[Counter]}]}' for read only	Input
<input type="checkbox"/> Result Table	{NULL}	Select
<input type="checkbox"/> #2	{NULL}	Select
<input type="checkbox"/> #1	TradeDate{B[Counter]}	Buffer
<input type="checkbox"/> #2	SettlementDate{B[Counter]}	Buffer
<input type="checkbox"/> #3	UnsettledAmount{B[Counter]}	Buffer
<input type="checkbox"/> #4	UnsettledQuantity{B[Counter]}	Buffer
<input type="checkbox"/> #5	cashAccount{B[Counter]}	Buffer
<input type="checkbox"/> #6	C_SAFE_97A_{B[Counter]}	Buffer
<input type="checkbox"/> #7	E_PSET_95_{B[Counter]}	Buffer

■ #8	UorF{B[Counter]}	Buffer
■ #9	E_BROK_95_{B[Counter]}	Buffer
■ #10	ISIN{B[Counter]}	Buffer
■ #11	CodeMSG{B[Counter]}	Buffer
■ #12	BKL_BICRIC{B[Counter]}	Buffer
⌚ TBox Set Buffer		
■ NewQuantity	{CALC[FIXED("{{b[UnsettledQuantity{B[Counter]}]}}/{{{B[AdjustmentFactor]}}}},3, True]}	Input
■ NewAmount	{CALC[FIXED("{{B[unsettledAmount{B[Counter]}]}}",{B[AdjustmentPrecision]},True)]}	Input
■ PCTI	OCSD0000000{RND[5]}	Input
■ CheckCodeMessage		
■ ConversionsOUT		
⌚ TBox Convert Decimal		
■ inputValue	{NULL}	Select
■ Value	{B[unsettledQuantity{B[Counter]}]}	Input
■ DecimalFormat	en	Input
■ ConvertedValue	{NULL}	Select
■ Value	unsettledQuantity{B[Counter]}	Buffer
■ DecimalFormat	de	Input
⌚ TBox Convert Decimal		
■ inputValue	{NULL}	Select
■ Value	{B[unsettledAmount{B[Counter]}]}	Input
■ DecimalFormat	en	Input
■ ConvertedValue	{NULL}	Select
■ Value	unsettledAmount{B[Counter]}	Buffer
■ DecimalFormat	de	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

 <Buffername>	"{1:F0"1OCSDATWWXXXX201400000"0}{ 2:I"548INSECHZZXXXX"N}{3:{10"8:311614 3390"000}}{4:" :16R:GENL :20C::SEME//6911213141745496 :23G:INST :98C::PREP//20180626180438 :16R:LINK :20C::RELA//C019121307107901 :16S:LINK :16R:LINK :20C::MITI//1806253600819783 :16S:LINK :16R:STAT :25D::IPRC//CAND :16R:REAS :24B::CAND//CANT :70D::REAS//Cancellation due to Transformation :16S:REAS :16S:STAT :16S:GENL :16R:SETTRAN :35B:ISIN JE00B3DCF752 :36B::SETT//UNIT/10991,00 :19A::SETT//EUR43348,45 :97A::SAFE//OCSD240000 :22F::SETR//TRAD :22F::STCO/COEX/PARQ :22H::REDE//RECE :22H::PAYM//APMT :98A::TRAD//20191212 :98A::SETT//20191216 :16R:SETPRTY :95P::REAG//OCSDATWWXXX :16S:SETPRTY :16R:SETPRTY :95P::BUYR//OCSDATWWXXX :97A::SAFE//CH112114 :16S:SETPRTY :16R:SETPRTY :95P::PSET//OCSDATWWXXX :16S:SETPRTY :16R:SETPRTY :95P::DEAG//BKAUATWWXXX :16S:SETPRTY :16R:SETPRTY :95P::SELL//BKAUATWWXXX :16S:SETPRTY :16S:SETTRAN -"}"	Input
 TBox DB Close Connection		
 Connection name	toscaConnection	Input

## 11 | Send548TransformationMessage

 SelectEnvironment		
 InitCounter		
 Counter	1	Input
 SendMessage		

☛ Communicate with Websphere MQ		
■ Request	{NULL}	Select
■ Value	{B[IsoMessage{B[Counter]}]}	Input
■ Communicate	{NULL}	Select
■ Host	{B[Host]}	Input
■ Channel	{B[Channel]}	Input
■ Manager	{B[Manager]}	Input
■ Endpoint	{NULL}	Select
■ Type	{B[EndPointType]}	Input
■ Name	{B[EndPointName]}	Input
■ Authentication	{NULL}	Select
■ Username	{B[Username]}	Input
■ Password		Input
■ PreAuthenticate	{B[PreAuthenticate]}	Input
■ Send		Select
■ Headers	{NULL}	Select
■ DeliveryMode	{B[SendHeadersDeliveryMode]}	Input
■ Priority	{B[SendPriority]}	Input
■ Type	{B[SendType]}	Input
☛ TBox Wait		
■ Duration	30000	Input
☛ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

## ☛ 12 | CheckTransformedInstruction

■ GoToSettlementAccountItems		
☛ Click on Menu		
■ MENU	{Click}	Input
☛ InitCounter		
■ Counter	1	Input
■ SettlementAccountItems		
■ filter		
☛ Menu and table Settlement Account Items		
■ Isin	{CLICK}	Input
■ SendKeys		
☛ TBox Wait		
■ Duration	500	Input
☛ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	Sender msg Ref	Input
☛ TBox Wait		
■ Duration	500	Input
☛ TBox Send Keys		
■ Caption	TT *	Input

Keys	"{ENTER}"	Input
Menu and table Settlement Account Items		
filtervalue	{B[PCTI]}	Input
+	{Click}	Input
Menu and table Settlement Account Items		
CPASETPW10_grid	{NULL}	Select
\$1	{NULL}	Select
\$7	{B[unsettledQuantity{B[Counter]}]}	Verify
\$8	{B[unsettledAmount{B[Counter]}]}	Verify
\$13	CAND	Verify
\$15	TRN{B[Counter]}	Buffer
View this record	X	Input
TT AUSTRIA - Settlement Account Items		
Isin :	GUINewISIN	Buffer
Original QTY :	GUINewOriginalQTY	Buffer
Unsettled QTY :	GUINewUnsettledQuantity	Buffer
Unsettled CTV :	GUINewUnsettledCTV	Buffer
Original CTV :	GUINewOriginalCTV	Buffer
Linked instruction msg ref :	GUINewLinkelInstructionMSGRef	Buffer
CA instruction msg ref :	GUINewCAInstructionMsgRef	Buffer
Return	X	Input
TRNprep		
TBox Partial Buffer		
Buffer	TRN{B[Counter]}	Input
Value	{B[TRN{B[Counter]}]}	Input
Last	15	Input
unfilter		
Sender msg ref-sdf	{Click}	Input
Counter++		
Counter	{MATH[{B[Counter]}+1]}	Input

### C 13 | VerifyGuiValues

InitCounter		
Counter	1	Input
SettlementAccountItems		
filter		
Menu and table Settlement Account Items		
Isin	{CLICK}	Input
SendKeys		
TBox Wait		
Duration	500	Input
TBox Send Keys		
Caption	TT *	Input
Keys	Sender msg Ref	Input

⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ Menu and table Settlement Account Items		
■ filtervalue	{B[PCTI]}	Input
■ +	{Click}	Input
⌚ verifyGuiValue		
■ GUINewISIN	{b[NewISIN]}	Verify
■ GUINewUnsettledCTV	{B[newAmount]}	Verify
■ GUINewUnsettledQTY	{B[NewQuantity]}	Verify
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

#### ⌚ 14 | VerifyLiquidatePositionHistory

■ GoToLiquidatePositionHistory		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ OpenPopUp		
⌚ Main Menu Liquidated Position History		
■ FILTER	Position Id	Input
⌚ Main Menu Liquidated Position History		
■ filtervalue	{B[PositionID]}	Input
■ +	{Click}	Input
⌚ Liquidated Position History grid		
■ CPAPOS娄W10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ View this record	{Click}	Input
⌚ TT AUSTRIA - Liquidated Position History		
■ Unsettled QTY :	LiquidatePositionUnSettledQTY	Buffer
■ Unsettled CTV :	LiquidatePositionUnSettledCTV	Buffer
■ Original QTY :	LiquidatePositionOriginalQTY	Buffer
■ Original CTV :	LiquidatePositionOriginalCTV	Buffer
■ Position Status :	TRSF	Verify
■ Return	X	Input

#### ⌚ 15 | GoToPosAccountItemsAndVerifyNewISIN

■ GoToPosAccountItems		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ InitCounter		
■ Counter	1	Input
■ SearchForPosID		

C 16   VerificationValuesInPositionAccountItems		
Verifies		
CalCUnsettledQuantity	{CALC[TRUNC("{{B[LiquidatePositionUnSettledQTY]}}/{{{B[AdjustmentFactor]}}}},3)]}	Input
CulcUnsettledCTV	{CAIC[ROUND("{{b[unsettledQuantity]}}*{{{B[LiquidatePositionUnSettledCTV]}}}}/{{{B[LiquidatePositionUnSettledQTY]}}}}*{{{b[AdjustmentFactor]}}},2)]}}	Input
PosAccountUnSettledQTY	{B[CalcUnsettledQuantity]}	Verify
PosAccountUnSettledCTV	{B[CalcUnsettledCTV]}	Verify
CALCCorporateActionFraction	{CALC["{{B[LiquidatePositionUnSettledQTY]}}/{{{B[AdjustmentFactor]}}}}-TRUNC("{{B[LiquidatePositionUnSettledQTY]}}/{{{b[AdjustmentFactor]}}}},3)]}}	Input
CorporateActionFraction	{B[CALCCorporateActionFraction]}	Verify

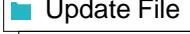
## C 17 | SI withPositionFraction

■ GoToSettlementAccountItems		
☛ Click on Menu		
■ MENU	{Click}	Input
■ SettlementAccountItems		
■ filter		
☛ Menu and table Settlement Account Items		
■ Isin	{CLICK}	Input
■ SendKeys		
☛ TBox Wait		
■ Duration	500	Input
☛ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	Sender msg Ref	Input
☛ TBox Wait		
■ Duration	500	Input
☛ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
☛ Menu and table Settlement Account Items		
■ filtervalue	{B[PCTI]}	Input
■ +	{Click}	Input
☛ Menu and table Settlement Account Items		
■ CPASETPW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ View this record	X	Input
■ verifyQtyAmountwithSign		
☛ TT AUSTRIA - Settlement Account Items		
■ Unsettled QTY :	SIUnsettledQTY	Buffer
■ Unsettled CTV :	SIUnsettledCTV	Buffer
■ Position fraction :	PositionFraction	Buffer
■ Position imbalance :	PosImbalance	Buffer
■ Transformation fraction :	TransformationFraction	Buffer
■ Return	X	Input
■ TRNprep		
☛ TBox Partial Buffer		
■ Buffer	TRN{B[Counter]}	Input
■ Value	{B[TRN{B[Counter]}]}	Input
■ Last	15	Input
☛ unfilter		
■ Sender msg ref-sdf	{Click}	Input
☛ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

 Verifies		
 CalcPositionImbalance	{CALC["""{b[SlunsettledQTY]}"""-"""{b[unsettledQuantity]}"""]}	Verify
 positionFraction	{CAIC[TRUNC("""{b[CorporateActionFraction]}""",3)]}	Verify
 TrasformationFraction	{CAIC[TRUNC("""{b[unsettledQuantity]}"""/"""{B[AdjustmentFactor]}"""-"""{B[SIUnsettledQTY]}""",3)]}	Verify

 xx   DeleteCorporateAction		
 GoToExternalCorporateActionDiary		
 Click on Menu		
 MENU	{Click}	Input

 xx   DELETE toscatt.settlement_instructing		
 CleanTable		
 TBox DB Open Connection		
 Connection name	toscaConnection	Input
 DSN	tosca	Input
 User ID	{CP[UsernameWICS]}	Input
 Password	***** ***** ***** ***** *****	Input
 Clean Table		
 SQL Statement	DELETE FROM toscatt.settlement_instructing	Input
 TBox DB Close Connection		
 Connection name	toscaConnection	Input

 01   UpdateTradeFileOpeninLineDate		
 TBox Set Buffer		
 Pattern	ATRD\d\d\d\d\d\d\d\d	Input
 newDate	ATRD{DATE[]][yyyyMMdd]}	Input
 FileName	bogavie.dat	Input
 Update File		
 TBox Read/Create File		
 Directory	{CP[PathSourcesFiles]}	Input
 File	{B[FileName]}	Input
 Text	Text	Buffer
 TC String Operations		
 Value	{b[Text]}	Input
 Operation	Replace.Global	Input
 Result	Text	Input
 Pattern	{B[Pattern]}	Input
 ReplaceBy	{B[newDate]}	Input
 TBox Read/Create File		
 Directory	{CP[PathSourcesFiles]}	Input

File	{B[FileName]}	Input
Text	{b[Text]}	Input
Overwrite	True	Input

## 02 | UpdateTradeFileTradeDate

⌚ TBox Set Buffer		
Pattern	SEAE\d\d\d\d\d\d\d	Input
newDate	SEAE{DATE[]}[yyyyMMdd]}	Input
FileName	bogavie.dat	Input
Update File		
⌚ TBox Read/Create File		
Directory	{CP[PathSourcesFiles]}	Input
File	{B[FileName]}	Input
Text	Text	Buffer
⌚ TC String Operations		
Value	{B[Text]}	Input
Operation	Replace.Global	Input
Result	Text	Input
Pattern	{B[Pattern]}	Input
ReplaceBy	{B[newDate]}	Input
⌚ TBox Read/Create File		
Directory	{CP[PathSourcesFiles]}	Input
File	{B[FileName]}	Input
Text	{B[Text]}	Input
Overwrite	True	Input

## 03 | UpdateTradeFileSettlementDate

⌚ TBox Set Buffer		
Pattern	22019\d\d\d\d	Input
newDate	22019{DATE[]}[+{B[offsetdays]}d][MMdd]}	Input
FileName	bogavie.dat	Input
Update File		
⌚ TBox Read/Create File		
Directory	{CP[PathSourcesFiles]}	Input
File	{B[FileName]}	Input
Text	Text	Buffer
⌚ TC String Operations		
Value	{b[Text]}	Input
Operation	Replace.Global	Input
Result	Text	Input
Pattern	{B[Pattern]}	Input
ReplaceBy	{B[newDate]}	Input
⌚ TBox Read/Create File		
Directory	{CP[PathSourcesFiles]}	Input

File	{B[FileName]}	Input
Text	{b[Text]}	Input
Overwrite	True	Input

#### 04 | AddNewTradeInFileFromYesterday

⌚ TBox Set Buffer		
identificativo	{RND[7]}	Input
isin	AT0000A183U4	Input
⌚ TBox Set Buffer		
Pattern	Z000000000092 9999999999	Input
newData	SEAE{DATE[][-{B[offsetTradeDays]}d][yyyy MMdd]13150401{B[identificativo]}999 {B[isin]}0000000AXP 000001029300{"00000005000000000000 0051465{"EUREUR0000000000{"0000000 000000000051688C 22019{DATE[][-1d+{B[offsetDays]}d][MMdd ]}VARLHT 01600000{"2022060301600000{"2GS 00000000223C04{"2243524322432243 09002577244390ORSFIX0012333999B20 18-04-10 02897780 P1000007000000 09002577003178ORSFIX0012333999S20 18-04-09 02107594 A1000007000000 Z000000000092 9999999999	Input
FileName	bogavie.dat	Input
Update File		
⌚ TBox Read/Create File		
Directory	{CP[PathSourcesFiles]}	Input
File	{B[FileName]}	Input
Text	Text	Buffer
⌚ TC String Operations		
Value	{b[Text]}	Input
Operation	Replace.Global	Input
Result	TextUpdated	Input
Pattern	{B[Pattern]}	Input
ReplaceBy	{B[newData]}	Input
⌚ TBox Read/Create File		
Directory	{CP[PathSourcesFiles]}	Input
File	{B[FileName]}	Input
Text	{b[TextUpdated]}	Input
Overwrite	True	Input

#### 05 | CountNumberOfLines

⌚ TBox Set Buffer_1		
RowCount	1	Input
Update File		
⌚ TextStream Open		
⌚ TBox Read/Create File		

Directory	{CP[PathSourcesFiles]}	Input
File	{B[FileName]}	Input
Text	Text	Buffer
TC String Operations		
Value	{b[Text]}	Input
Operation	Replace.Global	Input
Result	TextUpdated	Input
Pattern	{B[Pattern]}	Input
ReplaceBy	{B[newData]}	Input
TBox Read/Create File		
Directory	{CP[PathSourcesFiles]}	Input
File	{B[FileName]}	Input
Text	{b[TextUpdated]}	Input
Overwrite	True	Input
TBox Set Buffer		
Pattern	Z00000000.... 9999999999	Input
newData	SEAE{DATE[]}{-{B[offsetTradeDays]}d}{[yyyy MMdd]}13150401{B[identificativo]}999 {B[lisin]}0000000AXP 000001029300{"0000000050000000000000 0051465{"EUREUR0000000000{"0000000 0000000000051688C 22019{DATE[]}{-1d+{B[offsetdays]}d}{[MMdd ]}VARLHT 01600000{"2022060301600000{"2GS 00000000223C04{"2243524322432243 O9002577244390ORSFIX0012333999B20 18-04-10 02897780 P1000007000000 O9002577003178ORSFIX0012333999S20 18-04-09 02107594 A1000007000000 Z00000000092 9999999999	Input
FileName	bogavie.dat	Input
Update File		
TBox Read/Create File		
Directory	{CP[PathSourcesFiles]}	Input
File	{B[FileName]}	Input
Text	Text	Buffer
TC String Operations		
Value	{b[Text]}	Input
Operation	Replace.Global	Input
Result	TextUpdated	Input
Pattern	{B[Pattern]}	Input
ReplaceBy	{B[newData]}	Input
TBox Read/Create File		
Directory	{CP[PathSourcesFiles]}	Input
File	{B[FileName]}	Input
Text	{b[TextUpdated]}	Input
Overwrite	True	Input

C 05   SendTradeFileIntoTheSystem		
automQuery		
■ query	SELECT COALESCE(MAX(FPROGR),00) FROM CCPADTATT.CCPAFIL00F WHERE FSUFFIX = 'boga' FOR READ ONLY	Input
■ automQuery		
TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
TBox DB Run SQL Statement		
■ SQL Statement	{B[query]}	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #1	Progr	Buffer
TBox DB Close Connection		
■ Connection name	toscaConnection	Input
BogavieName		
■ BogavieName	bogavie{DATE[]}[yyyyMMdd]_{B[Progr]}	Input
TBox Copy File		
■ Source	{CP[PathSourcesFiles]}\bogavie.dat	Input
■ Target Directory	{CP[PathFeedTrade]}	Input
■ Target Filename	{B[BogavieName]}.DAT	Input
■ Overwrite	True	Input

C 06   verify in Monitor Log		
■ Close Browser		
■ Login		
TBox OpenUrl		
■ Url	https://10.178.25.6/	Input
TBox Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
TBox Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ Go To Monitor		
TBox Click on Menu		
■ MENU	{Click}	Input

⌚ TT AUSTRIA - Monitor Log		
■ EXECUTED	{Click}	Input
■ First Row	{NULL}	Select
■ \$0	{NULL}	Select
■ \$3	{CLICK}	Input
⌚ TBox Wait		
■ Duration	1000	Input
⌚ TT AUSTRIA - Monitor Log		
■ First Row	{NULL}	Select
■ \$0	{NULL}	Select
■ \$3	{CLICK}	Input
⌚ TBox Wait		
■ Duration	2000	Input
⌚ Verify ID Operazione		
■ CPAMNT010_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$1	TRAD000	Verify
■ \$2	END OF TRADES FILE: {B[BogavieName]}.DAT	Verify

⌚ 07   verify in Trade Page		
■ Go To Trades		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Read uploaded trade		
■ OTHER DATE	{CLICK}	Input
■ Trade generation date - From:	{DATE[][-5d][yyyy-MM-dd]}	Input
■ filters		
⌚ Read uploaded trade		
■ Exchange id	{CLICK}	Input
■ filter		
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	TRADE NUMBER	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Read uploaded trade		
■ filtervalue	000{B[identificativo]}	Input
■ +	{Click}	Input
⌚ TBox Wait		

■ Duration	500	Input
⌚ Read uploaded trade		
■ CPATRANW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$7	{B[Isin]}	Verify
⌚ TT AUSTRIA - Trade		
■ Trade number-6921195	{Click}	Input

### C 08 | verify in Novated Trade Page

■ Go To Trades		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ filters		
⌚ TT AUSTRIA - Novated Trade		
■ Exchange Id	{Click}	Input
■ filters		
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	TRADE NUMBER	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TT AUSTRIA - Novated Trade		
■ filtervalue	000{B[identificativo]}	Input
■ +	{Click}	Input
⌚ TT AUSTRIA - Novated Trade		
■ CPATRANW20_grid	{NULL}	Select
■ \$2	{NULL}	Select
■ \$8	{B[Isin]}	Verify

### C 09 | verify csv vs gui

■ Go To Trades		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ OpenConnections		
⌚ TBox DB Open Connection		
■ Connection name	DB_CCPA	Input
■ DSN	DB_CCPA	Input
■ DownloadExcel		
⌚ TT AUSTRIA - Margin Account Items		

EN	{Click}	Input
Export to Csv	{Click}	Input
Apertura di excel csv - participant		
21489393CPAMBR01V_20191011_14_48_IT.csv	NomeCSV	Buffer
OK	{Click}	Input
TBox Wait		
Duration	3000	Input
DownloadExcel		
Export to Csv	{CLICK}	Input
EN	{CLICK}	Input
Checks		
TBox DB Run SQL Statement		
SQL Statement	SELECT * FROM [{B[NomeCSV]}]	Input
Result Table	totRowCount	Buffer
verifica solo i primi 50		
RowNum	2	Input
totRowCount	{CALC[MIN(10,{B[totRowCount]})]}	Input
CloseConnections		
TBox DB Close Connection		
Connection name	DB_CCPA	Input
TBox Delete File		
Directory	{CP[PathCSV]}	Input
File	{B[NomeCSV]}	Input

### 00 |UpdateCashFileDialog(For Semi Manual Execution)

TBox Set Buffer		
Pattern	\d\d\d\d\d\dEUR	Input
newDate	{DATE[]][yyyyMMdd]}EUR	Input
FileName	CSH.txt	Input
TBox Read/Create File		
Directory	{CP[PathSourcesFiles]}	Input
File	{B[FileName]}	Input
Text	Text	Buffer
TC String Operations		
Value	{b[Text]}	Input
Operation	Replace.Global	Input
Result	TextUpdated	Input
Pattern	{B[Pattern]}	Input
ReplaceBy	{B[newDate]}	Input
TBox Read/Create File		
Directory	{CP[PathSourcesFiles]}	Input
File	{B[FileName]}	Input
Text	{b[TextUpdated]}	Input
Overwrite	True	Input

01   CompilefromScratch		
⌚ TBox Set Buffer		
■ CollateralAccounts	'CO-1001RC', 'CO-1003-1', 'CO-1004-1', 'CO-1004RC', 'CO-1005-1', 'CO-1006-1', 'CO-1010-1', 'CO-1011-1', 'CO-1012-1'	Input
■ count record		
⌚ automQuery		
■ query	SELECT count (*) FROM CCPADTATT.CPACOLE00F WHERE COLLATERAL_ACCOUNT_ID IN ({B[CollateralAccounts]}) AND COLLATERAL_TYPE = 'C'	Input
■ automQuery		
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** *****	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	{B[query]}	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #1	Tot	Buffer
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input
⌚ TBox Counter		
■ Counter	1	Input
■ records		Input
■ Cycle		
■ firstField		
⌚ automQuery		
■ query	SELECT SUBSTRING(INTERNAL_ACCOUNT,1,19) FROM CCPADTATT.CPACOLE00F WHERE COLLATERAL_ACCOUNT_ID IN ({B[CollateralAccounts]}) AND COLLATERAL_TYPE = 'C' FOR READ ONLY	Input
■ automQuery		
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input

<input type="checkbox"/> DSN	tosca	Input
<input type="checkbox"/> User ID	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	***** ***** ***** ***** *****	Input
<input checked="" type="checkbox"/> TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	{B[query]}	Input
<input type="checkbox"/> Result Table	{NULL}	Select
<input type="checkbox"/> #{{MATH[{B[Counter]}+1]}}	{NULL}	Select
<input type="checkbox"/> #1	ExternalAccount{B[Counter]}	Buffer
<input checked="" type="checkbox"/> TBox DB Close Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input checked="" type="checkbox"/> secondField		
<input type="checkbox"/> cash{B[Counter]}	000000000{RND[2]}00	Input
<input checked="" type="checkbox"/> thirdField and Fourth		
<input type="checkbox"/> date	{DATE[]][yyyyMMdd]}	Input
<input type="checkbox"/> Currency	EUR	Input
<input checked="" type="checkbox"/> TBox Set Buffer		
<input type="checkbox"/> record	{B[ExternalAccount{B[Counter]}]}{B[cash{B[Counter]}]}00{B[date]}{B[currency]}	Input
<input type="checkbox"/> records	{B[record]} {B[records]}	Input
<input checked="" type="checkbox"/> TBox Counter		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input
<input checked="" type="checkbox"/> TBox filename		
<input type="checkbox"/> filename	CSH.txt	Input
<input checked="" type="checkbox"/> TBox Read/Create File		
<input type="checkbox"/> Directory	{CP[PathSourcesFiles]}	Input
<input type="checkbox"/> File	{B[FileName]}	Input
<input type="checkbox"/> Text	{B[Records]}	Input
<input type="checkbox"/> Overwrite	True	Input

### 02 |Send Cash File into the System

<input checked="" type="checkbox"/> CSHName		
<input type="checkbox"/> CSHName	CSH{DATE[]}[yyMMdd_HHmmss].txt	Input
<input checked="" type="checkbox"/> TBox Copy File		
<input type="checkbox"/> Source	{CP[PathSourcesFiles]}\CSH.txt	Input
<input type="checkbox"/> Target Directory	{CP[PathFeedCashCollateral]}	Input
<input type="checkbox"/> Target Filename	{B[CSHName]}	Input
<input type="checkbox"/> Overwrite	True	Input

### 03 |verify in Monitor Log

<input type="checkbox"/> Close Browser		
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input

Login		
OpenUrl		
Url	https://10.178.25.6/	Input
Select Environment		
ITE2 - Internal Test Environment 2	X	Input
Login Credentials		
Username	{CP[UsernameWICS]}	Input
Password	{Click}	Input
Password	{CP[PasswordWICS]}	Input
Submit	{Click}	Input
Go To Monitor		
Click on Menu		
MENU	{Click}	Input
TT AUSTRIA - Monitor Log		
EXECUTED	{Click}	Input
First Row	{NULL}	Select
\$0	{NULL}	Select
\$3	{CLICK}	Input
TBox Wait		
Duration	1000	Input
TT AUSTRIA - Monitor Log		
First Row	{NULL}	Select
\$0	{NULL}	Select
\$3	{CLICK}	Input
TBox Wait		
Duration	1000	Input
TT AUSTRIA - Monitor Log		
CPAMNT010_grid	{NULL}	Select
\$1	{NULL}	Select
\$1	CASH000	Verify
\$2	{REGEX[{B[CSHName]}*]}	Verify

#### C 04 |Launch Margin Call and wait

Go To External Collateral Account Transaction		
Click on Menu		
MENU	{Click}	Input
click on launch margin run		
Submit Job Immediately	X	Input
Okay		
Margin Run	X	Input
Wait		
Duration	4000	Input
okay		
Caption	TT *	Input

 Keys	"{ENTER}"	Input
 TBox Wait		
 Duration	40000	Input
 Close Browser		

## 01 | BuildMessageFromScratch

 AccountDataSet		
 CollateralAccounts	'CO-1001RC', 'CO-1003-1', 'CO-1004-1', 'CO-1004RC', 'CO-1005-1', 'CO-1006-1', 'CO-1010-1', 'CO-1011-1', 'CO-1012-1'	Input
 count record		
 automQuery		
 query	SELECT COUNT(*) FROM CCPADTATT.CPACOLE00F WHERE COLLATERAL_ACCOUNT_ID IN ({B[CollateralAccounts]}) AND COLLATERAL_TYPE = 'S'	Input
 automQuery		
 TBox DB Open Connection		
 Connection name	toscaConnection	Input
 DSN	tosca	Input
 User ID	{CP[UsernameWICS]}	Input
 Password	***** ***** ***** *****	Input
 TBox DB Run SQL Statement		
 SQL Statement	{B[query]}	Input
 Result Table	{NULL}	Select
 #2	{NULL}	Select
 #1	Tot	Buffer
 TBox DB Close Connection		
 Connection name	toscaConnection	Input
 InitCounter		
 Counter	1	Input
 SelectAccountAndBuildMessage		
 SelectAccount		
 query	SELECT TRIM(INTERNAL_ACCOUNT) , TRIM(COLLATERAL_ACCOUNT_ID) FROM CCPADTATT.CPACOLE00F WHERE COLLATERAL_ACCOUNT_ID IN ({B[CollateralAccounts]}) AND COLLATERAL_TYPE = 'S' FOR READ ONLY	Input
 SelectAccount		

⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	{B[query]}	Input
■ Result Table	{NULL}	Select
■ #{MATH[{B[Counter]}+1]}	{NULL}	Select
■ #1	ExternalAccount{B[Counter]}	Buffer
■ #2	CollateralAccount{B[Counter]}	Buffer
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input
▣ SelectARandomIsinAndMemorizeQuantity		
⌚ SelectISIN		
■ query	SELECT EISIN FROM CCPADTATT.EMIELE00F WHERE ESTATUS = 'A' ORDER BY RAND () LIMIT 1 FOR READ ONLY	Input
■ automQuery		
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	{B[query]}	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #1	ISIN{B[Counter]}	Buffer
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input
⌚ SelectQuantityIsin		
■ query	SELECT COALESCE(MAX(QUANTITY),0) FROM CCPADTATT.CPADEPO00F WHERE COLLATERAL_ACCOUNT_ID='{'B[CollateralAccount{B[Counter]}]}' AND COLLATERAL_TYPE='S' AND ISIN = '{B[ISIN{B[Counter]}]}' FOR READ ONLY	Input
■ automQuery		
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input

 DSN	tosca	Input
 User ID	{CP[UsernameWICS]}	Input
 Password	***** ***** ***** ***** *****	Input
 TBox DB Run SQL Statement		
 SQL Statement	{B[query]}	Input
 Result Table	{NULL}	Select
 #2	{NULL}	Select
 #1	Quantity{B[Counter]}	Buffer
 TBox DB Close Connection		
 Connection name	toscaConnection	Input
 BuildMessagePayLoad		
 FAMT{B[Counter]}	{RND[1]}00	Input
 SEME{B[Counter]}	PRD86435221D{RND[4]}	Input
 IsoMessage{B[Counter]}	"""\{1:F01OCSDATW0XXXX2014000000\}{2: :1535CAAHATW0XXXXN\}{3:{108:2011"""}2 1544{RND[4]}\}"""\{4: :16R:GENL""" :28E:1/ONLY :20C::SEME//{B[SEME{B[Counter]}]} :23G:NEWM :98C::PREP//20191017141043 :98A::STAT//20191017 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//{B[ExternalAccount{B[Counter]}]} :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUBSAFE :16R:FIN :35B:ISIN {B[ISIN{B[Counter]}]} :93B::AGGR//FAMT/{B[FAMT{B[Counter]}]}, :16R:SUBBAL :93B::AWAS//FAMT/{B[FAMT{B[Counter]}]}, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB/TYPE OF SAFEKEEPING/GS :16S:SUBBAL :16S:FIN :16S:SUBSAFE -"""}""""	Input
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input
 SelectEnvironment		
 InitCounter		
 Counter	1	Input
 SendMessage		
 Communicate with Websphere MQ		
 Request	{NULL}	Select

■ Value	{B[IsoMessage{B[Counter]}]}	Input
■ Communicate	{NULL}	Select
■ Host	{B[Host]}	Input
■ Channel	{B[Channel]}	Input
■ Manager	{B[Manager]}	Input
■ Endpoint	{NULL}	Select
■ Type	{B[EndPointType]}	Input
■ Name	{B[EndPointName]}	Input
■ Authentication	{NULL}	Select
■ Username	{B[Username]}	Input
■ Password		Input
■ PreAuthenticate	{B[PreAuthenticate]}	Input
■ Send		Select
■ Headers	{NULL}	Select
■ DeliveryMode	{B[SendHeadersDeliveryMode]}	Input
■ Priority	{B[SendPriority]}	Input
■ Type	{B[SendType]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input
⌚ TBox Wait		
■ Duration	45000	Input

## ⌚ 02 | VerifyInSwiftLog

■ Close Browser		
⌚ TBox Wait		
■ Duration	500	Input
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ Go To Monitor		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ WaitOnTheFirst		
⌚ InitCounter		
■ Counter	1	Input

⌚ InitCounter			
█ Counter	1		Input
█ SelectMessage			
█ SelectTypeFilter			
⌚ TT AUSTRIA - Swift Log			
█ CODE MSG	{Click}		Input
⌚ TBox Send Keys			
█ Caption	TT *		Input
█ Keys	TRN		Input
⌚ TBox Wait			
█ Duration	500		Input
⌚ TBox Send Keys			
█ Caption	TT *		Input
█ Keys		Input	
⌚ TBox Wait			
█ Duration	500		Input
⌚ filter			
█ +	{Click}		Input
█ filtervalue	True		WaitOn
█ filtervalue	{B[SEME{B[Counter]}]}		Input
⌚ TBox Wait			
█ Duration	2000		Input
⌚ ReadTable			
█ CPASCHKW10_grid	{NULL}		Select
█ \$1	True		WaitOn
█ CPASCHKW10_grid	{NULL}		Select
█ \$1	{NULL}		Select
█ \$2	MT535		Verify
█ \$7	P		Verify
⌚ TBox Wait			
█ Duration	2000		Input
⌚ Unfilter			
█ TRN-PRD86435221D8491	{Click}		Input
⌚ Counter++			
█ Counter	{MATH[{B[Counter]}+1]}		Input

## ⌚ 01 | UpdatePriceFileDate

⌚ TBox Set Buffer		
█ Pattern	XVIE\ d\ d\ d\ d\ d\ d\ d	Input
█ newDate	XVIE{DATE[]}[yyyyMMdd]}	Input
█ FileName	pricesvie.TXT	Input
⌚ TBox Read/Create File		
█ Directory	{CP[PathSourcesFiles]}	Input
█ File	{B[FileName]}	Input

 Text	Text	Buffer
 TC String Operations		
 Value	{b[Text]}	Input
 Operation	Replace.Global	Input
 Result	TextUpdated	Input
 Pattern	{B[Pattern]}	Input
 ReplaceBy	{B[newDate]}	Input
 TBox Read/Create File		
 Directory	{CP[PathSourcesFiles]}	Input
 File	{B[FileName]}	Input
 Text	{b[TextUpdated]}	Input
 Overwrite	True	Input

## 02 | UpdatePriceFilePrice

 TBox Read/Create File		
 Directory	{CP[PathSourcesFiles]}	Input
 File	{B[FileName]}	Input
 Text	Text	Buffer
 init counter		
 Counter	1	Input
 records		Input
 Cut every record		
 TBox Partial Buffer		
 Buffer	record	Input
 Value	{B[Text]}	Input
 Start	{MATH[({{B[Counter]}}-1)*52]+1}}	Input
 End	{MATH[({{B[Counter]}}*52)-2]}	Input
 TBox Partial Buffer		
 Buffer	lisin{{B[Counter]}}	Input
 Value	{B[record]}	Input
 Start	21	Input
 End	33	Input
 TBox Partial Buffer		
 Buffer	partRecord	Input
 Value	{B[record]}	Input
 Start	1	Input
 End	43	Input
 TBox Set Buffer		
 priceMod{{B[Counter]}}	{RND[1]}000EUR	Input
 record	{B[partRecord]}{B[priceMod{{B[Counter]}}]}	Input
 TBox Partial Buffer		
 Buffer	price{{B[Counter]}}	Input
 Value	{B[record]}	Input
 Start	41	Input

■ End	44	Input
⌚ TBox Set Buffer_1		
■ records	{B[record]} {B[records]}	Input
⌚ counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input
■ Update File		
⌚ TBox Read/Create File		
■ Directory	{CP[PathSourcesFiles]}	Input
■ File	{B[FileName]}	Input
■ Text	{b[records]}	Input
■ Overwrite	True	Input

### ⌚ 03 | Send Price File into the System

⌚ automQuery		
■ query	select COALESCE(MAX(FPROGR),00) from CCPADTATT.CCPAFIL00F where FSUFFIX = 'prices' FOR READ ONLY	Input
■ automQuery		
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	{B[query]}	Input
■ Result Table	{NULL}	Select
■ #1	{NULL}	Select
■ #1	Progr	Buffer
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input
⌚ PriceName		
■ PricesVieName	pricesvie{DATE[]}[yyyyMMddHHmmss]_{B[Progr]}.txt	Input
⌚ TBox Copy File		
■ Source	{CP[PathSourcesFiles]}\pricesvie.txt	Input
■ Target Directory	{CP[PathFeedPrices]}	Input
■ Target Filename	{B[PricesVieName]}	Input
■ Overwrite	True	Input

### ⌚ 04 | verify in Monitor Log

■ Close Browser		
■ Login		
⌚ OpenUrl		

■ Url	https://10.178.25.6/	Input
☛ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
☛ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ Go To Monitor		
☛ Click on Menu		
■ MENU	{Click}	Input
■ Verify		
☛ TT AUSTRIA - Monitor Log		
■ EXECUTED	{Click}	Input
■ First Row	{NULL}	Select
■ \$0	{NULL}	Select
■ \$3	{CLICK}	Input
☛ TBox Wait		
■ Duration	1000	Input
☛ TT AUSTRIA - Monitor Log		
■ First Row	{NULL}	Select
■ \$0	{NULL}	Select
■ \$3	{CLICK}	Input
☛ TBox Wait_1		
■ Duration	1000	Input
☛ TT AUSTRIA - Monitor Log		
■ CPAMNT010_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$1	PRICES0	Verify
■ \$2	END OF PRICES FILE: {B[PricesVieName]}	Verify

## ☛ 05 | Go Financial Instruments

■ Go To External Collateral Account Transaction		
☛ Click on Menu		
■ MENU	{Click}	Input
☛ TT AUSTRIA - Financial Instruments		
■ Market	XVIE	Input
☛ TT AUSTRIA - Financial Instruments		
■ Class ID	{Click}	Input
■ filter		
☛ TBox Wait		
■ Duration	500	Input
☛ TBox Send Keys		
■ Caption	TT *	Input

■ Keys	ISIN	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ initCounter		
■ Counter	1	Input
■ Verify All Price		
⌚ TT AUSTRIA - Financial Instruments		
■ filtervalue	{B[Isin{B[Counter]}]}	Input
⌚ TT AUSTRIA - Financial Instruments		
■ +	{Click}	Input
⌚ TT AUSTRIA - Financial Instruments		
■ CPACLSW010_grid	{NULL}	Select
■ \$last	{NULL}	Select
■ \$7	PriceGui	Buffer
⌚ TBox Partial Buffer		
■ Buffer	priceFile	Input
■ Value	{B[price{B[Counter]}]}	Input
■ Start	1	Input
■ End	4	Input
⌚ sum type conversion		
■ PriceGui	{CALC[(FIXED("{{B[PriceGui]}}")*100)]}	Input
⌚ TBox Evaluation Tool		
■ Expression	{B[PriceGui]}=={B[PriceFile]}	Verify
⌚ TT AUSTRIA - Financial Instruments		
■ ISIN-AT000B014105	{Click}	Input
⌚ Counter ++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

## ⌚ 01 | UpdateExchangeRateFile

⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
■ updateData		
⌚ TBox Set Buffer		
■ RowNum	2	Input

⌚ TBox DB Run SQL Statement			
■ SQL Statement	SELECT * FROM toscatt.ex_rate	Input	
■ Result Table	totRowCount	Buffer	
⌚ TBox Counter			
■ Counter	1	Input	
■ records		Input	
■ Cycle			
⌚ date			
■ date	{DATE[]][yyyy-MM-dd]}	Input	
⌚ TBox DB Run SQL Statement			
■ SQL Statement	SELECT * FROM toscatt.ex_rate	Input	
■ Result Table	{NULL}	Select	
■ #{MATH[{B[Counter]}+1]}	{NULL}	Select	
■ #2	Currency{B[Counter]}	Buffer	
■ #3	ExRate{B[Counter]}	Buffer	
■ LittleVariation			
⌚ little variation			
■ buffLenght	{CALC[LEN("{{B[ExRate{B[Counter]}]}}")]}	Input	
■ buffLenght	{MATH[{B[buffLenght]}-1]}	Input	
⌚ TBox Partial Buffer			
■ Buffer	ExRate{B[Counter]}	Input	
■ Value	{B[ExRate{B[Counter]}]}	Input	
■ Start	1	Input	
■ End	{B[buffLenght]}	Input	
⌚ little variation			
■ ExRate{B[Counter]}	{B[ExRate{B[Counter]}]}{RND[1]}	Input	
⌚ Counter++			
■ Counter	{MATH[{B[Counter]}+1]}	Input	
⌚ TBox Read/Create File			
■ Directory	{CP[PathSourcesFiles]}	Input	
■ File	fx_refkurs.csv	Input	
■ Text	{B[records]}	Input	
■ Overwrite	True	Input	
⌚ TBox DB Close Connection			
■ Connection name	toscaConnection	Input	

## ⌚ 02 | Send ExRate File into the System

⌚ fx_refkurs_name		
■ ExRateName	fx_refkurs_{DATE[]}[yyyyMMdd_HHmmss].csv	Input
⌚ TBox Copy File		
■ Source	{CP[PathSourcesFiles]}\fx_refkurs.csv	Input
■ Target Directory	{CP[PathFeedExchangeRate]}	Input
■ Target Filename	{B[ExRateName]}	Input
■ Overwrite	True	Input

 03   Verify in Monitor Log		
■ Close Browser		
■ Login		
☛ OpenUrl		
■ Url	https://10.178.25.6/	Input
☛ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
☛ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ Go To Monitor		
☛ Click on Menu		
■ MENU	{Click}	Input
☛ TT AUSTRIA - Monitor Log		
■ EXECUTED	{Click}	Input
■ First Row	{NULL}	Select
■ \$0	{NULL}	Select
■ \$3	{CLICK}	Input
☛ TBox Wait		
■ Duration	1000	Input
☛ TT AUSTRIA - Monitor Log		
■ First Row	{NULL}	Select
■ \$0	{NULL}	Select
■ \$3	{CLICK}	Input
☛ TBox Wait		
■ Duration	1000	Input
☛ TT AUSTRIA - Monitor Log		
■ CPAMNT010_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$1	XRAT000	Verify
■ \$2	END OF EXCHANGE RATES: fx_refkurs_	Verify
☛ TBox Wait_1		
■ Duration	1000	Input

 04   Go ExchangeRate		
■ Go To External Collateral Account Transaction		
☛ Click on Menu		
■ MENU	{Click}	Input
☛ TT AUSTRIA - Foreign Exchange Rates		
■ DENOMINATION CURRENCY	{Click}	Input
■ filter		

⌚ TBox Wait			
■ Duration	500		Input
⌚ TBox Send Keys			
■ Caption	TT *		Input
■ Keys	DENOMINATION CURRENCY		Input
⌚ TBox Wait			
■ Duration	500		Input
⌚ TBox Send Keys			
■ Caption	TT *		Input
■ Keys	"{ENTER}"		Input
⌚ TBox Wait			
■ Duration	500		Input
⌚ initCounter			
■ Counter	1		Input
⌚ FilterDenominarionCurrency			
■ filtervalue	EUR		Input
■ +	{Click}		Input
■ Verify All EXRATE			
⌚ Filter and Read			
■ filtervalue	{B[Currency{B[Counter]}]}		Input
⌚ Filter and Read			
■ +	{Click}		Input
⌚ Filter and Read			
■ CPAFORX010_grid	{NULL}		Select
■ \$last	{NULL}		Select
■ \$last	ExRateGui		Buffer
⌚ TBox Convert Decimal			
■ InputValue	{NULL}		Select
■ Value	{B[ExRateGui]}		Input
■ DecimalFormat	de		Input
■ ConvertedValue	{NULL}		Select
■ Value	ExRateGui		Buffer
■ DecimalFormat	en		Input
⌚ sum type conversion			
■ Zero	{CALC[{B[ExRateGui]}-{B[ExRate{B[Count er]}]}]}		Input
■ Zero	0		Verify
⌚ Counter ++			
■ Counter	{MATH[{B[Counter]}+1]}		Input
⌚ DeFilter			
■ CLEARING CURRENCY-USD	{CLICK}		Input

## ⌚ 01 | Send Instruments File into the System

⌚ InstrumentName		
■ InstrumentName	Instrumentvie{DATE[]}[yyyyMMdd].CSV	Input

 TBox Copy File		
 Source	C:\temp\CCPA\instrumentvie.csv	Input
 Target Directory	{CP[PathFeedInstruments]}	Input
 Target Filename	{B[InstrumentName]}	Input
 Overwrite	True	Input

 02   Verify in Monitor Log		
 Login		
 OpenUrl		
 Url	https://10.178.25.6/	Input
 Select Environment		
 ITE2 - Internal Test Environment 2	X	Input
 Login Credentials		
 Username	{CP[UsernameWICS]}	Input
 Password	{Click}	Input
 Password	{CP[PasswordWICS]}	Input
 Submit	{Click}	Input
 Go To Monitor		
 Click on Menu		
 MENU	{Click}	Input
 TT AUSTRIA - Monitor Log		
 EXECUTED	{Click}	Input
 First Row	{NULL}	Select
 \$0	{NULL}	Select
 \$3	{CLICK}	Input
 TBox Wait		
 Duration	1000	Input
 TT AUSTRIA - Monitor Log		
 First Row	{NULL}	Select
 \$0	{NULL}	Select
 \$3	{CLICK}	Input
 TBox Wait		
 Duration	1000	Input
 TT AUSTRIA - Monitor Log		
 CPAMNT010_grid	{NULL}	Select
 \$1	{NULL}	Select
 \$1	INST000	Verify

 01   UpdateTradeFileOpeninLineDate		
 TBox DB Open Connection		
 Connection name	Tosca	Input
 DSN	Tosca	Input
 User ID	{cp[UsernameWICS]}	Input

<input type="checkbox"/> Password	***** ***** ***** ***** *****	Input
<input checked="" type="checkbox"/> TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	select count(*) from toscatt.bogavie	Input
<input type="checkbox"/> Result Table	{NULL}	Select
<input type="checkbox"/> #2	{NULL}	Select
<input type="checkbox"/> #1	rows	Buffer
<input checked="" type="checkbox"/> TBox Counter		
<input type="checkbox"/> Counter	2	Input
<input type="checkbox"/> records		Input
<input type="checkbox"/> <New Folder>		
<input type="checkbox"/> <New Folder>		
<input checked="" type="checkbox"/> TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	select * from toscatt.bogavie	Input
<input type="checkbox"/> Result Table	{NULL}	Select
<input type="checkbox"/> #{MATH[{B[Counter]}+1]}		Select
<input type="checkbox"/> #1	prova	Buffer
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input
<input checked="" type="checkbox"/> TBox DB Close Connection		
<input type="checkbox"/> Connection name	Tosca	Input

## 02 | UpdateTradeFileTradeDate

<input checked="" type="checkbox"/> TBox Set Buffer		
<input type="checkbox"/> Pattern	SEAE\d\d\d\d\d\d\d\d	Input
<input type="checkbox"/> newDate	SEAE{DATE[][],[yyyyMMdd]}	Input
<input type="checkbox"/> FileName	bogavie.dat	Input
<input type="checkbox"/> Update File		
<input checked="" type="checkbox"/> TBox Read/Create File		
<input type="checkbox"/> Directory	{CP[PathSourcesFiles]}	Input
<input type="checkbox"/> File	{B[FileName]}	Input
<input type="checkbox"/> Text	Text	Buffer
<input checked="" type="checkbox"/> TC String Operations		
<input type="checkbox"/> Value	{B[Text]}	Input
<input type="checkbox"/> Operation	Replace.Global	Input
<input type="checkbox"/> Result	Text	Input
<input type="checkbox"/> Pattern	{B[Pattern]}	Input
<input type="checkbox"/> ReplaceBy	{B[newDate]}	Input
<input checked="" type="checkbox"/> TBox Read/Create File		
<input type="checkbox"/> Directory	{CP[PathSourcesFiles]}	Input
<input type="checkbox"/> File	{B[FileName]}	Input
<input type="checkbox"/> Text	{B[Text]}	Input
<input type="checkbox"/> Overwrite	True	Input

C 03   UpdateTradeFileSettlementDate		
☛ TBox Set Buffer		
■ Pattern	22019\d\d\d\d	Input
■ newDate	22019{DATE[]} [+{B[offsetDays]}d][MMdd]}	Input
■ FileName	bogavie.dat	Input
☛ Update File		
☛ TBox Read/Create File		
■ Directory	{CP[PathSourcesFiles]}	Input
■ File	{B[FileName]}	Input
■ Text	Text	Buffer
☛ TC String Operations		
■ Value	{b[Text]}	Input
■ Operation	Replace.Global	Input
■ Result	Text	Input
■ Pattern	{B[Pattern]}	Input
■ ReplaceBy	{B[newDate]}	Input
☛ TBox Read/Create File		
■ Directory	{CP[PathSourcesFiles]}	Input
■ File	{B[FileName]}	Input
■ Text	{b[Text]}	Input
■ Overwrite	True	Input

C 04   AddNewTradeInFileFromYesterday		
☛ TBox Set Buffer		
■ identificativo	{RND[7]}	Input
■ isin	AT0000A183U4	Input
☛ TBox Set Buffer		
■ Pattern	Z000000000092 9999999999	Input
■ newData	SEAE{DATE[][-{B[offsetTradeDays]}d][yyyy MMdd]}13150401{B[identificativo]}999 {B[isin]}0000000AXP 000001029300{"0000000500000000000000 0051465{"EUREUR0000000000"}0000000 0000000000051688C 22019{DATE[][-1d+{B[offsetDays]}d][MMdd ]}VARLHT 01600000{"2022060301600000"}2GS 0000000223C04{"2243524322432243 09002577244390ORSFIX0012333999B20 18-04-10 02897780 P1000007000000 09002577003178ORSFIX0012333999S20 18-04-09 02107594 A1000007000000 Z000000000092 9999999999	Input
■ FileName	bogavie.dat	Input
☛ Update File		
☛ TBox Read/Create File		
■ Directory	{CP[PathSourcesFiles]}	Input
■ File	{B[FileName]}	Input

Text	Text	Buffer
TC String Operations		
Value	{b[Text]}	Input
Operation	Replace.Global	Input
Result	TextUpdated	Input
Pattern	{B[Pattern]}	Input
ReplaceBy	{B[newData]}	Input
TBox Read/Create File		
Directory	{CP[PathSourcesFiles]}	Input
File	{B[FileName]}	Input
Text	{b[TextUpdated]}	Input
Overwrite	True	Input

### C 05 | CountNumberOfLines

TBox Set Buffer_1		
RowCount	1	Input
Update File		
TextStream Open		
TBox Read/Create File		
Directory	{CP[PathSourcesFiles]}	Input
File	{B[FileName]}	Input
Text	Text	Buffer
TC String Operations		
Value	{b[Text]}	Input
Operation	Replace.Global	Input
Result	TextUpdated	Input
Pattern	{B[Pattern]}	Input
ReplaceBy	{B[newData]}	Input
TBox Read/Create File		
Directory	{CP[PathSourcesFiles]}	Input
File	{B[FileName]}	Input
Text	{b[TextUpdated]}	Input
Overwrite	True	Input
TBox Set Buffer		
Pattern	Z00000000.... 9999999999	Input

■ newData	SEAE{DATE[][-{B[offsetTradeDays]}d][yyyy MMdd]13150401{B[identificativo]}999 {B[isin]}0000000AXP 000001029300{"00000000500000000000000000051465{"EUREUR0000000000{"0000000 0000000000051688C 22019{DATE[][-1d+{B[offsetdays]}d][MMdd ]}VARLHT 01600000{"2022060301600000{"2GS 0000000223C04{"2243524322432243 O9002577244390ORSFIX0012333999B20 18-04-10 02897780 P1000007000000 O90025770031780RSFIX0012333999S20 18-04-09 02107594 A1000007000000 Z000000000092 9999999999	Input
■ FileName	bogavie.dat	Input
■ Update File		
🕒 TBox Read/Create File		
■ Directory	{CP[PathSourcesFiles]}	Input
■ File	{B[FileName]}	Input
■ Text	Text	Buffer
🕒 TC String Operations		
📅 Value	{b[Text]}	Input
📅 Operation	Replace.Global	Input
📅 Result	TextUpdated	Input
📅 Pattern	{B[Pattern]}	Input
📅 ReplaceBy	{B[newData]}	Input
🕒 TBox Read/Create File		
■ Directory	{CP[PathSourcesFiles]}	Input
■ File	{B[FileName]}	Input
■ Text	{b[TextUpdated]}	Input
■ Overwrite	True	Input

🕒 05   SendTradeFileIntoTheSystem		
🕒 automQuery		
■ query	SELECT COALESCE(MAX(FPROGR),00) FROM CCPADTATT.CCPAFILE00F WHERE FSUFFIX = 'boga' FOR READ ONLY	Input
🕒 automQuery		
🕒 TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** *****	Input
🕒 TBox DB Run SQL Statement		
■ SQL Statement	{B[query]}	Input

■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #1	Progr	Buffer
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input
⌚ BogavieName		
■ BogavieName	bogavie{DATE[]}[yyyyMMdd]_{B[Progr]}	Input
⌚ TBox Copy File		
■ Source	{CP[PathSourcesFiles]}\bogavie.dat	Input
■ Target Directory	{CP[PathFeedTrade]}	Input
■ Target Filename	{B[BogavieName]}.DAT	Input
■ Overwrite	True	Input

### ⌚ 06 | verify in Monitor Log

■ Close Browser		
■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ Go To Monitor		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA - Monitor Log		
■ EXECUTED	{Click}	Input
■ First Row	{NULL}	Select
■ \$0	{NULL}	Select
■ \$3	{CLICK}	Input
⌚ TBox Wait		
■ Duration	1000	Input
⌚ TT AUSTRIA - Monitor Log		
■ First Row	{NULL}	Select
■ \$0	{NULL}	Select
■ \$3	{CLICK}	Input
⌚ TBox Wait		
■ Duration	2000	Input
⌚ Verify ID Operazione		
■ CPAMNT010_grid	{NULL}	Select
■ \$1	{NULL}	Select

<input type="checkbox"/> \$1	TRAD000	Verify
<input type="checkbox"/> \$2	END OF TRADES FILE: {B[BogavieName]}.DAT	Verify

### C 07 | verify in Trade Page

<input type="checkbox"/> Go To Trades		
<input checked="" type="checkbox"/> Click on Menu		
<input type="checkbox"/> MENU	{Click}	Input
<input checked="" type="checkbox"/> Read uploaded trade		
<input type="checkbox"/> OTHER DATE	{CLICK}	Input
<input type="checkbox"/> Trade generation date - From:	{DATE[][-5d][yyyy-MM-dd]}	Input
<input type="checkbox"/> filters		
<input checked="" type="checkbox"/> Read uploaded trade		
<input type="checkbox"/> Exchange id	{CLICK}	Input
<input type="checkbox"/> filter		
<input checked="" type="checkbox"/> TBox Send Keys		
<input type="checkbox"/> Caption	TT *	Input
<input type="checkbox"/> Keys	TRADE NUMBER	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input checked="" type="checkbox"/> TBox Send Keys		
<input type="checkbox"/> Caption	TT *	Input
<input type="checkbox"/> Keys	"{ENTER}"	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input checked="" type="checkbox"/> Read uploaded trade		
<input type="checkbox"/> filtervalue	000{B[identificativo]}	Input
<input type="checkbox"/> +	{Click}	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input checked="" type="checkbox"/> Read uploaded trade		
<input type="checkbox"/> CPATRANW10_grid	{NULL}	Select
<input type="checkbox"/> \$1	{NULL}	Select
<input type="checkbox"/> \$7	{B[Isin]}	Verify
<input checked="" type="checkbox"/> TT AUSTRIA - Trade		
<input type="checkbox"/> Trade number-6921195	{Click}	Input

### C 08 | verify in Novated Trade Page

<input type="checkbox"/> Go To Trades		
<input checked="" type="checkbox"/> Click on Menu		
<input type="checkbox"/> MENU	{Click}	Input
<input type="checkbox"/> filters		
<input checked="" type="checkbox"/> TT AUSTRIA - Novated Trade		
<input type="checkbox"/> Exchange Id	{Click}	Input
<input type="checkbox"/> filters		

⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	TRADE NUMBER	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TT AUSTRIA - Novated Trade		
■ filtervalue	000{B[identificativo]}	Input
■ +	{Click}	Input

### ⌚ 09 | verify csv vs gui

⌚ TBox DB Open Connection		
■ Connection name	DB_CCBA	Input
■ DSN	DB_CCBA	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	SELECT * FROM bogavie.dat	Input
■ Result Table	totRowCount	Buffer

### ⌚ 00 | UpdateCashFileDialog(For Semi Manual Execution)

⌚ TBox Set Buffer		
■ Pattern	\d\d\d\d\d\dEUR	Input
■ newDate	{DATE[]][yyyyMMdd]}EUR	Input
■ FileName	CSH.txt	Input
⌚ TBox Read/Create File		
■ Directory	{CP[PathSourcesFiles]}	Input
■ File	{B[FileName]}	Input
■ Text	Text	Buffer
⌚ TC String Operations		
▣ Value	{b[Text]}	Input
▣ Operation	Replace.Global	Input
▣ Result	TextUpdated	Input
▣ Pattern	{B[Pattern]}	Input
▣ ReplaceBy	{B[newDate]}	Input
⌚ TBox Read/Create File		
■ Directory	{CP[PathSourcesFiles]}	Input
■ File	{B[FileName]}	Input
■ Text	{b[TextUpdated]}	Input
■ Overwrite	True	Input

### ⌚ 01 | CompilefromScratch

⌚ TBox Set Buffer		
-------------------	--	--

■ CollateralAccounts	'CO-1001RC', 'CO-1003-1', 'CO-1004-1', 'CO-1004RC', 'CO-1005-1', 'CO-1006-1', 'CO-1010-1', 'CO-1011-1', 'CO-1012-1'		Input
■ count record			
☛ automQuery			
■ query	SELECT count (*) FROM CCPADTATT.CPACOLE00F WHERE COLLATERAL_ACCOUNT_ID IN ({B[CollateralAccounts]}) AND COLLATERAL_TYPE = 'C'		Input
■ automQuery			
☛ TBox DB Open Connection			
■ Connection name	toscaConnection		Input
■ DSN	tosca		Input
■ User ID	{CP[UsernameWICS]}		Input
■ Password	***** ***** ***** ***** *****		Input
☛ TBox DB Run SQL Statement			
■ SQL Statement	{B[query]}		Input
■ Result Table	{NULL}		Select
■ #2	{NULL}		Select
■ #1	Tot		Buffer
☛ TBox DB Close Connection			
■ Connection name	toscaConnection		Input
☛ TBox Counter			
■ Counter	1		Input
■ records			Input
■ Cycle			
■ firstField			
☛ automQuery			
■ query	SELECT SUBSTRING(INTERNAL_ACCOUNT,1,19) FROM CCPADTATT.CPACOLE00F WHERE COLLATERAL_ACCOUNT_ID IN ({B[CollateralAccounts]}) AND COLLATERAL_TYPE = 'C' FOR READ ONLY		Input
■ automQuery			
☛ TBox DB Open Connection			
■ Connection name	toscaConnection		Input
■ DSN	tosca		Input
■ User ID	{CP[UsernameWICS]}		Input

<input type="checkbox"/> Password	***** ***** ***** ***** *****	Input
<input checked="" type="checkbox"/> TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	{B[query]}	Input
<input type="checkbox"/> Result Table	{NULL}	Select
<input type="checkbox"/> #{MATH[{B[Counter]}+1]}	{NULL}	Select
<input type="checkbox"/> #1	ExternalAccount{B[Counter]}	Buffer
<input checked="" type="checkbox"/> TBox DB Close Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input checked="" type="checkbox"/> secondField		
<input type="checkbox"/> cash{B[Counter]}	000000000{RND[2]}00	Input
<input checked="" type="checkbox"/> thirdField and Fourth		
<input type="checkbox"/> date	{DATE[]][yyyyMMdd]}	Input
<input type="checkbox"/> Currency	EUR	Input
<input checked="" type="checkbox"/> TBox Set Buffer		
<input type="checkbox"/> record	{B[ExternalAccount{B[Counter]}]}\{B[cash{B[Counter]}]}\00{B[date]}\{B[currency]}	Input
<input type="checkbox"/> records	{B[record]}\{B[records]}	Input
<input checked="" type="checkbox"/> TBox Counter		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input
<input checked="" type="checkbox"/> TBox filename		
<input type="checkbox"/> filename	CSH.txt	Input
<input checked="" type="checkbox"/> TBox Read/Create File		
<input type="checkbox"/> Directory	{CP[PathSourcesFiles]}	Input
<input type="checkbox"/> File	{B[FileName]}	Input
<input type="checkbox"/> Text	{B[Records]}	Input
<input type="checkbox"/> Overwrite	True	Input

### C 02 |Send Cash File into the System

<input checked="" type="checkbox"/> CSHName		
<input type="checkbox"/> CSHName	CSH{DATE[]][yyMMdd_HHmmss].txt	Input
<input checked="" type="checkbox"/> TBox Copy File		
<input type="checkbox"/> Source	{CP[PathSourcesFiles]}\CSH.txt	Input
<input type="checkbox"/> Target Directory	{CP[PathFeedCashCollateral]}	Input
<input type="checkbox"/> Target Filename	{B[CSHName]}	Input
<input type="checkbox"/> Overwrite	True	Input

### C 03 |verify in Monitor Log

<input type="checkbox"/> Close Browser		
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input type="checkbox"/> Login		
<input checked="" type="checkbox"/> OpenUrl		

Url	https://10.178.25.6/	Input
Select Environment		
ITE2 - Internal Test Environment 2	X	Input
Login Credentials		
Username	{CP[UsernameWICS]}	Input
Password	{Click}	Input
Password	{CP[PasswordWICS]}	Input
Submit	{Click}	Input
Go To Monitor		
Click on Menu		
MENU	{Click}	Input
TT AUSTRIA - Monitor Log		
EXECUTED	{Click}	Input
First Row	{NULL}	Select
\$0	{NULL}	Select
\$3	{CLICK}	Input
TBox Wait		
Duration	1000	Input
TT AUSTRIA - Monitor Log		
First Row	{NULL}	Select
\$0	{NULL}	Select
\$3	{CLICK}	Input
TBox Wait		
Duration	1000	Input
TT AUSTRIA - Monitor Log		
CPAMNT010_grid	{NULL}	Select
\$1	{NULL}	Select
\$1	CASH000	Verify
\$2	{REGEX[{B[CSHName]}*]}	Verify

#### 04 |Launch Margin Call and wait

Go To External Collateral Account Transaction		
Click on Menu		
MENU	{Click}	Input
click on launch margin run		
Submit Job Immediately	X	Input
Okay		
Margin Run	X	Input
Wait		
Duration	4000	Input
okay		
Caption	TT *	Input
Keys	"{ENTER}"	Input
TBox Wait		

 Duration	40000	Input
 Close Browser		

C 01   BuildMessageFromScratch		
 AccountDataSet		
 CollateralAccounts	'CO-1001RC', 'CO-1003-1', 'CO-1004-1', 'CO-1004RC', 'CO-1005-1', 'CO-1006-1', 'CO-1010-1', 'CO-1011-1', 'CO-1012-1'	Input
 count record		
 automQuery		
 query	SELECT COUNT(*) FROM CCPADTATT.CPACOLE00F WHERE COLLATERAL_ACCOUNT_ID IN ({B[CollateralAccounts]}) AND COLLATERAL_TYPE = 'S'	Input
 automQuery		
 TBox DB Open Connection		
 Connection name	toscaConnection	Input
 DSN	tosca	Input
 User ID	{CP[UsernameWICS]}	Input
 Password	***** ***** ***** *****	Input
 TBox DB Run SQL Statement		
 SQL Statement	{B[query]}	Input
 Result Table	{NULL}	Select
 #2	{NULL}	Select
 #1	Tot	Buffer
 TBox DB Close Connection		
 Connection name	toscaConnection	Input
 InitCounter		
 Counter	1	Input
 SelectAccountAndBuildMessage		
 SelectAccount		
 query	SELECT TRIM(INTERNAL_ACCOUNT) , TRIM(COLLATERAL_ACCOUNT_ID) FROM CCPADTATT.CPACOLE00F WHERE COLLATERAL_ACCOUNT_ID IN ({B[CollateralAccounts]}) AND COLLATERAL_TYPE = 'S' FOR READ ONLY	Input
 SelectAccount		
 TBox DB Open Connection		
 Connection name	toscaConnection	Input

■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	{B[query]}	Input
■ Result Table	{NULL}	Select
■ #{MATH[{B[Counter]}+1]}	{NULL}	Select
■ #1	ExternalAccount{B[Counter]}	Buffer
■ #2	CollateralAccount{B[Counter]}	Buffer
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input
■ SelectARandomIsinAndMemorizeQuantity		
⌚ SelectISIN		
■ query	SELECT EISIN FROM CCPADTATT.EMIELE00F WHERE ESTATUS = 'A' ORDER BY RAND () LIMIT 1 FOR READ ONLY	Input
■ automQuery		
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ TBox DB Run SQL Statement		
■ SQL Statement	{B[query]}	Input
■ Result Table	{NULL}	Select
■ #2	{NULL}	Select
■ #1	ISIN{B[Counter]}	Buffer
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input
⌚ SelectQuantityIsin		
■ query	SELECT COALESCE(MAX(QUANTITY),0) FROM CCPADTATT.CPADEPO00F WHERE COLLATERAL_ACCOUNT_ID='{'B[CollateralAccount{B[Counter]}]}' AND COLLATERAL_TYPE='S' AND ISIN = '{B[ISIN{B[Counter]}]}' FOR READ ONLY	Input
■ automQuery		
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input

<input type="checkbox"/> Password	***** ***** ***** *****	Input
<input checked="" type="checkbox"/> TBox DB Run SQL Statement		
<input type="checkbox"/> SQL Statement	{B[query]}	Input
<input type="checkbox"/> Result Table	{NULL}	Select
<input type="checkbox"/> #2	{NULL}	Select
<input type="checkbox"/> #1	Quantity{B[Counter]}	Buffer
<input checked="" type="checkbox"/> TBox DB Close Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input
<input checked="" type="checkbox"/> BuildMessagePayLoad		
<input type="checkbox"/> FAMT{B[Counter]}	{RND[1]}00	Input
<input type="checkbox"/> SEME{B[Counter]}	PRD86435221D{RND[4]}	Input
<input type="checkbox"/> IsoMessage{B[Counter]}	""'{1:F01OCSDATW0XXXX2014000000}{2: :I535CAAHATW0XXXXN}{3:{108:2011}""'2 1544{RND[4]}}""'{4: :16R:GENL""" :28E:1/ONLY :20C::SEME//{B[SEME{B[Counter]}]} :23G:NEWM :98C::PREP//20191017141043 :98A::STAT//20191017 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//{B[ExternalAccount{B[Counter]}]} :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUBSAFE :16R:FIN :35B:ISIN {B[ISIN{B[Counter]}]} :93B::AGGR//FAMT/{B[FAMT{B[Counter]}]}, :16R:SUBBAL :93B::AWAS//FAMT/{B[FAMT{B[Counter]}]}, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB/TYPE OF SAFEKEEPING/GS :16S:SUBBAL :16S:FIN :16S:SUBSAFE -""'}"""	Input
<input checked="" type="checkbox"/> Counter++		
<input type="checkbox"/> Counter	{MATH[{B[Counter]}+1]}	Input
<input type="checkbox"/> SelectEnvironment		
<input checked="" type="checkbox"/> InitCounter		
<input type="checkbox"/> Counter	1	Input
<input type="checkbox"/> SendMessage		
<input checked="" type="checkbox"/> Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select
<input type="checkbox"/> Value	{B[IsoMessage{B[Counter]}]}	Input
<input type="checkbox"/> Communicate	{NULL}	Select

Host	{B[Host]}	Input
Channel	{B[Channel]}	Input
Manager	{B[Manager]}	Input
Endpoint	{NULL}	Select
Type	{B[EndPointType]}	Input
Name	{B[EndPointName]}	Input
Authentication	{NULL}	Select
Username	{B[Username]}	Input
Password		Input
PreAuthenticate	{B[PreAuthenticate]}	Input
Send		Select
Headers	{NULL}	Select
DeliveryMode	{B[SendHeadersDeliveryMode]}	Input
Priority	{B[SendPriority]}	Input
Type	{B[SendType]}	Input
⌚ TBox Wait		
Duration	500	Input
⌚ Counter++		
Counter	{MATH[{B[Counter]}+1]}	Input
⌚ TBox Wait		
Duration	45000	Input

## ⌚ 02 | VerifyInSwiftLog

Close Browser		
⌚ TBox Wait		
Duration	500	Input
Login		
⌚ OpenUrl		
Url	https://10.178.25.6/	Input
⌚ Select Environment		
ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
Username	{CP[UsernameWICS]}	Input
Password	{Click}	Input
Password	{CP[PasswordWICS]}	Input
Submit	{Click}	Input
Go To Monitor		
⌚ Click on Menu		
MENU	{Click}	Input
SelectTypeFilter		
⌚ TT AUSTRIA - Swift Log		
CODE MSG	{Click}	Input
⌚ TBox Send Keys		
Caption	TT *	Input

■ Keys	TRN	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
■ WaitOnTheFirst		
⌚ InitCounter		
■ Counter	1	Input
⌚ InitCounter		
■ Counter	1	Input
■ SelectMessage		
⌚ filter		
■ filtervalue	{B[SEME{B[Counter]}]}	Input
■ +	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ filter		
■ CPASCHKW10_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$2	MT535	Verify
■ \$7	P	Verify
⌚ TBox Wait		
■ Duration	500	Input
⌚ Unfilter		
■ TRN-PRD86435221D8491	{Click}	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+1]}	Input

## C 01 | UpdatePriceFileDialog

⌚ TBox Set Buffer		
■ Pattern	XVIE\ d\ d\ d\ d\ d\ d\ d	Input
■ newDate	XVIE{DATE[][[yyyyMMdd]}}	Input
■ FileName	pricesvie.TXT	Input
⌚ TBox Read/Create File		
■ Directory	{CP[PathSourcesFiles]}	Input
■ File	{B[FileName]}	Input
■ Text	Text	Buffer
⌚ TC String Operations		
■ Value	{b[Text]}	Input
■ Operation	Replace.Global	Input
■ Result	TextUpdated	Input

 Pattern	{B[Pattern]}	Input
 ReplaceBy	{B[newDate]}	Input
 TBox Read/Create File		
 Directory	{CP[PathSourcesFiles]}	Input
 File	{B[FileName]}	Input
 Text	{b[TextUpdated]}	Input
 Overwrite	True	Input

## C 02 | UpdatePriceFilePrice

 TBox Read/Create File		
 Directory	{CP[PathSourcesFiles]}	Input
 File	{B[FileName]}	Input
 Text	Text	Buffer
 init counter		
 Counter	1	Input
 records		Input
 Cut every record		
 TBox Partial Buffer		
 Buffer	record	Input
 Value	{B[Text]}	Input
 Start	{MATH[(({B[Counter]}-1)*52)+1]}	Input
 End	{MATH[({B[Counter]})*52]-2]}	Input
 TBox Partial Buffer		
 Buffer	lstin{B[Counter]}	Input
 Value	{B[record]}	Input
 Start	21	Input
 End	33	Input
 TBox Partial Buffer		
 Buffer	partRecord	Input
 Value	{B[record]}	Input
 Start	1	Input
 End	43	Input
 TBox Set Buffer		
 priceMod{B[Counter]}	{RND[1]}000EUR	Input
 record	{B[partRecord]}\{B[priceMod{B[Counter]}]\}	Input
 TBox Partial Buffer		
 Buffer	price{B[Counter]}	Input
 Value	{B[record]}	Input
 Start	41	Input
 End	44	Input
 TBox Set Buffer_1		
 records	{B[record]}\{B[records]\}	Input
 counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input

 Update File		
 TBox Read/Create File		
 Directory	{CP[PathSourcesFiles]}	Input
 File	{B[FileName]}	Input
 Text	{b[records]}	Input
 Overwrite	True	Input

### C 03 | Send Price File into the System

 automQuery		
 query	select COALESCE(MAX(FPROGR),00) from CCPADTATT.CCPAFIL00F where FSUFFIX = 'prices' FOR READ ONLY	Input
 automQuery		
 TBox DB Open Connection		
 Connection name	toscaConnection	Input
 DSN	tosca	Input
 User ID	{CP[UsernameWICS]}	Input
 Password	***** ***** ***** *****	Input
 TBox DB Run SQL Statement		
 SQL Statement	{B[query]}	Input
 Result Table	{NULL}	Select
 #1	{NULL}	Select
 #1	Progr	Buffer
 TBox DB Close Connection		
 Connection name	toscaConnection	Input
 PriceName		
 PricesVieName	pricesvie{DATE[]}[yyyyMMddHHmmss]_{B [Progr]}.txt	Input
 TBox Copy File		
 Source	{CP[PathSourcesFiles]}\pricesvie.txt	Input
 Target Directory	{CP[PathFeedPrices]}	Input
 Target Filename	{B[PricesVieName]}	Input
 Overwrite	True	Input

### C 04 | verify in Monitor Log

 Close Browser		
 Login		
 OpenUrl		
 Url	https://10.178.25.6/	Input
 Select Environment		
 ITE2 - Internal Test Environment 2	X	Input
 Login Credentials		
 Username	{CP[UsernameWICS]}	Input
 Password	{Click}	Input

■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ Go To Monitor		
⌚ Click on Menu		
■ MENU	{Click}	Input
■ Verify		
⌚ TT AUSTRIA - Monitor Log		
■ EXECUTED	{Click}	Input
■ First Row	{NULL}	Select
■ \$0	{NULL}	Select
■ \$3	{CLICK}	Input
⌚ TBox Wait		
■ Duration	1000	Input
⌚ TT AUSTRIA - Monitor Log		
■ First Row	{NULL}	Select
■ \$0	{NULL}	Select
■ \$3	{CLICK}	Input
⌚ TBox Wait_1		
■ Duration	1000	Input
⌚ TT AUSTRIA - Monitor Log		
■ CPAMNT010_grid	{NULL}	Select
■ \$1	{NULL}	Select
■ \$1	PRICES0	Verify
■ \$2	END OF PRICES FILE: {B[PricesVieName]}	Verify

## ⌚ 05 | Go Financial Instruments

■ Go To External Collateral Account Transaction		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA - Financial Instruments		
■ Market	XVIE	Input
⌚ TT AUSTRIA - Financial Instruments		
■ Class ID	{Click}	Input
■ filter		
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	ISIN	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT *	Input
■ Keys	"{ENTER}"	Input

⌚ TBox Wait			
█ Duration	500		Input
⌚ initCounter			
█ Counter	1		Input
█ Verify All Price			
⌚ TT AUSTRIA - Financial Instruments			
█ filtervalue	{B[Isin{B[Counter]}]}		Input
⌚ TT AUSTRIA - Financial Instruments			
█ +	{Click}		Input
⌚ TT AUSTRIA - Financial Instruments			
█ CPACLSW010_grid	{NULL}		Select
█ \$last	{NULL}		Select
█ \$7	PriceGui		Buffer
⌚ TBox Partial Buffer			
█ Buffer	priceFile		Input
█ Value	{B[price{B[Counter]}]}		Input
█ Start	1		Input
█ End	4		Input
⌚ sum type conversion			
█ PriceGui	{CALC[(FIXED("'''{B[PriceGui]}'''')*100)]}}		Input
⌚ TBox Evaluation Tool			
█ Expression	{B[PriceGui]}=={B[PriceFile]}		Verify
⌚ TT AUSTRIA - Financial Instruments			
█ ISIN-AT000B014105	{Click}		Input
⌚ Counter ++			
█ Counter	{MATH[{B[Counter]}+1]}		Input

⌚ 01   UpdateExchangeRateFile			
⌚ TBox DB Open Connection			
█ Connection name	toscaConnection		Input
█ DSN	tosca		Input
█ User ID	{CP[UsernameWICS]}		Input
█ Password	***** ***** ***** ***** *****		Input
█ updateData			
⌚ TBox Set Buffer			
█ RowNum	2		Input
⌚ TBox DB Run SQL Statement			
█ SQL Statement	SELECT * FROM toscatt.ex_rate		Input
█ Result Table	totRowCount		Buffer
⌚ TBox Counter			
█ Counter	2		Input
█ records			Input

Cycle		
date		
date	{DATE[]][yyyy-MM-dd]}	Input
TBox DB Run SQL Statement		
SQL Statement	SELECT * FROM toscatt.ex_rate	Input
Result Table	{NULL}	Select
#{{B[Counter]}}	{NULL}	Select
#2	Currency{{B[Counter]}}	Buffer
#3	ExRate{{B[Counter]}}	Buffer
LittleVariation		
little variation		
buffLength	{CALC[LEN("{{B[ExRate{{B[Counter]}}]}}")]}	Input
buffLength	{MATH[{B[buffLength]}-1]}	Input
TBox Partial Buffer		
Buffer	ExRate{{B[Counter]}}	Input
Value	{B[ExRate{{B[Counter]}}]}	Input
Start	1	Input
End	{B[buffLength]}	Input
little variation		
ExRate{{B[Counter]}}	{B[ExRate{{B[Counter]}}]}{RND[1]}	Input
TBox Convert Decimal		
InputValue	{NULL}	Select
Value	{B[ExRate{{B[Counter]}}]}	Input
DecimalFormat	en	Input
ConvertedValue	{NULL}	Select
Value	ExRate{{B[Counter]}}	Buffer
DecimalFormat	de	Input
Counter++		
Counter	{MATH[{B[Counter]}+1]}	Input
TBox Read/Create File		
Directory	{CP[PathSourcesFiles]}	Input
File	fx_refkurs.csv	Input
Text	{B[records]}	Input
Overwrite	True	Input
TBox DB Close Connection		
Connection name	toscaConnection	Input

## 02 | Send ExRate File into the System

fx_refkurs_name		
ExRateName	fx_refkurs_{DATE[]}[yyyyMMdd_HHmmss].csv	Input
TBox Copy File		
Source	{CP[PathSourcesFiles]}\fx_refkurs.csv	Input
Target Directory	{CP[PathFeedExchangeRate]}	Input
Target Filename	{B[ExRateName]}	Input

<input type="checkbox"/> Overwrite	True	Input
------------------------------------	------	-------

<b>C 03   Verify in Monitor Log</b>		
<input type="checkbox"/> Close Browser		
<input type="checkbox"/> Login		
<input checked="" type="checkbox"/> OpenUrl		
<input type="checkbox"/> Url	https://10.178.25.6/	Input
<input checked="" type="checkbox"/> Select Environment		
<input type="checkbox"/> ITE2 - Internal Test Environment 2	X	Input
<input checked="" type="checkbox"/> Login Credentials		
<input type="checkbox"/> Username	{CP[UsernameWICS]}	Input
<input type="checkbox"/> Password	{Click}	Input
<input type="checkbox"/> Password	{CP[PasswordWICS]}	Input
<input type="checkbox"/> Submit	{Click}	Input
<input type="checkbox"/> Go To Monitor		
<input checked="" type="checkbox"/> Click on Menu		
<input type="checkbox"/> MENU	{Click}	Input
<input checked="" type="checkbox"/> TT AUSTRIA - Monitor Log		
<input type="checkbox"/> EXECUTED	{Click}	Input
<input type="checkbox"/> First Row	{NULL}	Select
<input type="checkbox"/> \$0	{NULL}	Select
<input type="checkbox"/> \$3	{CLICK}	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	1000	Input
<input checked="" type="checkbox"/> TT AUSTRIA - Monitor Log		
<input type="checkbox"/> First Row	{NULL}	Select
<input type="checkbox"/> \$0	{NULL}	Select
<input type="checkbox"/> \$3	{CLICK}	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	1000	Input
<input checked="" type="checkbox"/> TT AUSTRIA - Monitor Log		
<input type="checkbox"/> CPAMNT010_grid	{NULL}	Select
<input type="checkbox"/> \$1	{NULL}	Select
<input type="checkbox"/> \$1	XRAT000	Verify
<input type="checkbox"/> \$2	END OF EXCHANGE RATES: fx_refkurs_	Verify
<input checked="" type="checkbox"/> TBox Wait_1		
<input type="checkbox"/> Duration	1000	Input

<b>C 04   Go ExchangeRate</b>		
<input type="checkbox"/> Go To External Collateral Account Transaction		
<input checked="" type="checkbox"/> Click on Menu		
<input type="checkbox"/> MENU	{Click}	Input
<input checked="" type="checkbox"/> TT AUSTRIA - Foreign Exchange Rates		
<input type="checkbox"/> DENOMINATION CURRENCY	{Click}	Input

filter			
TBox Wait			
Duration	500		Input
TBox Send Keys			
Caption	TT *		Input
Keys	DENOMINATION CURRENCY		Input
TBox Wait			
Duration	500		Input
TBox Send Keys			
Caption	TT *		Input
Keys	"{ENTER}"		Input
TBox Wait			
Duration	500		Input
initCounter			
Counter	1		Input
CounterExRate	2		Input
ReadFile (Open DB ConnecTion)			
Connection name	DB_CCRA		Input
DSN	DB_CCRA		Input
FilterDenominarionCurrency			
filtervalue	EUR		Input
+	{Click}		Input
FindTotalNumberOfcurrency			
SQL Statement	SELECT * FROM [fx_refkurs.csv]		Input
Result Table	totRowCount		Buffer
Verify All EXRATE			
ReadCurrencyFromFile			
SQL Statement	SELECT * FROM [fx_refkurs.csv]		Input
Result Table	{NULL}		Select
#{MATH[{B[Counter]}+1]}	{NULL}		Select
#2	Currency		Buffer
Filter and Read			
filtervalue	{B[Currency]}		Input
Filter and Read			
+	{Click}		Input
Filter and Read			
CPAFORX010_grid	{NULL}		Select
\$last	{NULL}		Select
\$last	ExRateGui		Buffer
TBox Convert Decimal			
InputValue	{NULL}		Select
Value	{B[ExRateGui]}		Input
DecimalFormat	de		Input
ConvertedValue	{NULL}		Select

■ Value	ExRateGui	Buffer
■ DecimalFormat	en	Input
⌚ TBox Convert Decimal		
■ InputValue	{NULL}	Select
■ Value	{B[ExRateGui]}	Input
■ DecimalFormat	en	Input
■ ConvertedValue	{NULL}	Select
■ Value	ExRateGui	Buffer
■ DecimalFormat	de	Input
⌚ sum type conversion		
■ Zero	{CALC[{{B[ExRateGui]}-{B[ExRate{B[CounterExRate]}]}}]}	Input
■ Zero	0	Verify
⌚ Counter ++		
■ Counter	{MATH[{{B[Counter]}+1}]}	Input
■ CounterExRate	{MATH[{{B[CounterExRate]}+1}]}	Input
⌚ DeFilter		
■ CLEARING CURRENCY-USD	{CLICK}	Input
⌚ TBox DB Close Connection		
■ Connection name	DB_CCPA	Input

## ⌚ 01 | Send Instruments File into the System

⌚ InstrumentName		
■ InstrumentName	instrumentvie{DATE[]}[yyyyMMdd].CSV	Input
⌚ TBox Copy File		
■ Source	C:\temp\CCPA\instrumentvie.csv	Input
■ Target Directory	{CP[PathFeedInstruments]}	Input
■ Target Filename	{B[InstrumentName]}	Input
■ Overwrite	True	Input

## ⌚ 02 | Verify in Monitor Log

■ Login		
⌚ OpenUrl		
■ Url	https://10.178.25.6/	Input
⌚ Select Environment		
■ ITE2 - Internal Test Environment 2	X	Input
⌚ Login Credentials		
■ Username	{CP[UsernameWICS]}	Input
■ Password	{Click}	Input
■ Password	{CP[PasswordWICS]}	Input
■ Submit	{Click}	Input
■ Go To Monitor		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA - Monitor Log		

EXECUTED	{Click}	Input
First Row	{NULL}	Select
\$0	{NULL}	Select
\$3	{CLICK}	Input
⌚ TBox Wait		
Duration	1000	Input
⌚ TT AUSTRIA - Monitor Log		
First Row	{NULL}	Select
\$0	{NULL}	Select
\$3	{CLICK}	Input
⌚ TBox Wait		
Duration	1000	Input
⌚ TT AUSTRIA - Monitor Log		
CPAMNT010_grid	{NULL}	Select
\$1	{NULL}	Select
\$1	INST000	Verify

02   MP21		
⌚ InitCounter		
Counter	2	Input
⌚ TBox DB Open Connection		
Connection name	toscaConnection	Input
DSN	tosca	Input
User ID	{CP[UsernameWICS]}	Input
Password	***** ***** ***** ***** *****	Input
Checks		
⌚ TBox DB Run SQL Statement		
SQL Statement	select * from ccpadtatt.RPTMP2100F a,CCPADTATT.CPASETP01V b where a.version in (select max(version) from ccpadtatt.RPTMP2100F) and a.MEMBER_CODE=b.SCMOWNER and a.SETTLEMENT_REF =b.SMSGREF and b.SSTLSTAT<>'FULL' and b.SSTLSTAT<>'CAND'	Input
Result Table	{NULL}	Select
#{b[Counter]}	{NULL}	Select
ISIN	ISIN	Buffer
SISIN	{b[ISIN]}	Verify
TRADE_DATE	TRADE_DATE	Buffer
SVTRDDATE	{b[TRADE_DATE]}	Verify
INTSETT_DATE	INTSETT_DATE	Buffer
SVSTLDAT	{b[INTSETT_DATE]}	Verify
UNSETTLED_QTY	UNSETTLED_QTY	Buffer

<input type="checkbox"/> SUNSQTY	{b[UNSETTLED_QTY]}	Verify
<input type="checkbox"/> UNSETTLED_AMT	UNSETTLED_QTY	Buffer
<input type="checkbox"/> SUNSAMNT	{b[UNSETTLED_QTY]}	Verify
<input type="checkbox"/> ORIGINAL_QTY	ORIGINAL_QTY	Buffer
<input type="checkbox"/> SORIQTY	{b[ORIGINAL_QTY]}	Verify
<input type="checkbox"/> ORIGINAL_AMT	ORIGINAL_AMT	Buffer
<input type="checkbox"/> SORIAMNT	{b[ORIGINAL_AMT]}	Verify
<input checked="" type="checkbox"/> TBox Set Buffer		
<input type="checkbox"/> Counter	{CALC[{b[Counter]}+1]}	Input
<input checked="" type="checkbox"/> TBox DB Close Connection		
<input type="checkbox"/> Connection name	toscaConnection	Input

### Risposta iso Remade

<input type="checkbox"/> Risposta iso		
<input checked="" type="checkbox"/> TBox Set Buffer		
<input type="checkbox"/> NLinea	1	Input
<input type="checkbox"/> Random	{RANDOMREGEX["^A-Z][0-9]{12}\$"]}	Input
<input type="checkbox"/> NLoop	1	Input
<input type="checkbox"/> Filecontent		Input
<input type="checkbox"/> AllContent		Input
<input type="checkbox"/> GetRowCounts&Buffer		
<input checked="" type="checkbox"/> TBox DB Expert module-totRowNum		
<input type="checkbox"/> Open Connection	{NULL}	Select
<input type="checkbox"/> Connection name	myconn	Input
<input type="checkbox"/> DSN	SwiftFile	Input
<input type="checkbox"/> Connection string	"Driver={Microsoft Text Driver (*.txt; *.csv)};Dbq=C:\temp\;Extensions=asc,csv,t ab,txt;"	Input
<input type="checkbox"/> Driver	Generic ODBC	Input
<input type="checkbox"/> SQL Statement	SELECT * FROM [Esempio541.txt]	Input
<input type="checkbox"/> Result Table	totRowCount	Buffer
<input type="checkbox"/> Close connection	True	Input
<input checked="" type="checkbox"/> TBox DB Expert module-totMessages		
<input type="checkbox"/> Open Connection	{NULL}	Select
<input type="checkbox"/> Connection name	myconn	Input
<input type="checkbox"/> DSN	SwiftFile	Input
<input type="checkbox"/> Connection string	"Driver={Microsoft Text Driver (*.txt; *.csv)};Dbq=C:\temp\;Extensions=asc,csv,t ab,txt;"	Input
<input type="checkbox"/> Driver	Generic ODBC	Input
<input type="checkbox"/> SQL Statement	SELECT * FROM [Esempio541.txt] WHERE MESSAGE LIKE ("%"&1:&%")	Input
<input type="checkbox"/> Result Table	totMessages	Buffer
<input type="checkbox"/> Close connection	True	Input
<input checked="" type="checkbox"/> TBox Set Buffer-RowNum		
<input type="checkbox"/> rowNum	2	Input

totRowCount	{MATH[{B[totRowCount]}-1]}	Input
totMessages	{MATH[{B[totMessages]}-1]}	Input
⌚ TBox DB Open Connection		
■ Connection name	myConn	Input
■ DSN	SwiftFile	Input
■ LoopReadRecords		
⌚ TBox Set Buffer		
■ NLinea	1	Input
■ Timestamp	{DATETIME}	Input
⌚ TBox Set Buffer-updaterownum		
■ rowNum	{MATH[{B[rowNum]}+1]}	Input
⌚ TBox Set Buffer		
■ NLoop	1	Input
■ totMessages	{MATH[{B[totMessages]}-1]}	Input
⌚ TBox Set Buffer_1		
■ AllContent	{b[content{b[NLoop]}]}	Input
■ WriteRecordsinbuffer		
⌚ TBox Set Buffer_1		
■ NLoop	{CALC[{b[NLoop]}+1]}	Input
■ AllContent	{b[AllContent]}\n{b[content{b[NLoop]}]}	Input
⌚ TBox DB Close Connection		
■ Connection name	myConn	Input
⌚ TC String Operations		
▣ Value	{b[AllContent]}	Input
▣ Operation	Replace,Global	Input
▣ Pattern	£	Input
▣ ReplaceBy	{	Input
▣ Result	AllContent	Input
⌚ TC String Operations		
▣ Value	{b[AllContent]}	Input
▣ Operation	Replace,Global	Input
▣ Pattern	!	Input
▣ ReplaceBy	}	Input
▣ Result	AllContent	Input
⌚ TextStream Open		
▣ ID	prova	Input
⌚ TextStream Load		
▣ SourceType	File	Input
▣ SourceDetail	C:\temp\Esempio_out_545.txt	Input
▣ LoadMode	Replace	Input
⌚ TXT		
▣ FirstName	{b[AllContent]}	Input
⌚ TxtStream Save		
▣ DestinationType	File	Input

 DestinationDetail	C:\temp\Esempio_out_545.txt	Input
 TextStream Close		
 ID	prova	Input

### Test 900/910

 Communicate with Websphere MQ		
 Request	{NULL}	Select
 Value	"{1:F01CAAHATWWXXXX3890385806}{2:O9001500180109OCSDATWWXXXX04232713361801091500N}{3:{108:22082013545680 }}{4:{20:201904151470164021:201904151470014825:AUCAAHATWWAAXPM32A:190415EUR99700490,52A:CAAHATWWAAX72:/CCPADF/CPP-XVIE-CO-2779-2-}"	Input
 Communicate	{NULL}	Select
 Host	10.178.25.6:1438	Input
 Channel	QUENCE.TO.SWITE2.CH	Input
 Manager	SWITE2	Input
 Endpoint	{NULL}	Select
 Type	Queue	Input
 Name	OEKBPAY.TO.SWITE2.Q	Input
 Authentication	{NULL}	Select
 Username	SWITE2TEST	Input
 Password		Input
 PreAuthenticate	No	Input
 Send		Select
 Headers	{NULL}	Select
 DeliveryMode	Persistent	Input
 Priority	Normal	Input
 Type	MQXMIT	Input

### TBox Set Buffer

 TBox Set Buffer		
 MT900	"{1:F01CAAHATWWXXXX0000000000}{2:O900TMBECH22XXXXN}{3:{108:2019040205900060}{121:bf543c68-5543-41e9-84a2-fcec2d0428cb}}{4::20:201904011111111221:201904020590006025:2100120092132A:190402EUR123330,52A:/CAAHATWWAAX72:/CCPADF/CPP-XVIE-CO-2121-2-}"	Input

C Test MT535		
Communicate with Websphere MQ		
Request	{NULL}	Select
Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 547CAAHATW0XXXXN}{3:{108:20469820 362245}}{4: :16R:GENL :20C::SEME//3465515586192580 :23G:NEWM :98C::PREP//20181029100549 :16R:LINK :20C::RELA//2019071103439501 :16S:LINK :16R:LINK :20C::MITI//04110000000000 :16S:LINK :16S:GENL :16R:TRADDET :98A::TRAD//20190710 :98C::ESET//20190712091500 :98A::SETT//20190712 :35B:ISIN AT0000A18XM4 :16S:TRADDET :16R:FIAC :36B::ESTT//UNIT/115, :97A::SAFE//OCSD240000 :97A::CASH//CATEURCAAHATWWXXX01 :16S:FIAC :16R:SETDET :22F::SETR//TRAD :22F::STCO//PART :22F::SSBT/RT/AWAS :16R:SETPRTY :95P::PSET//OCSDATWWXXX :16S:SETPRTY :16R:SETPRTY :95P::REAG//GCMATESTXXX :16S:SETPRTY :16R:AMT :19A::ESTT//EUR10016,5 :16S:AMT :16S:SETDET -} "	Input
Communicate	{NULL}	Select
Host	10.178.25.6:1438	Input
Channel	QUENCE.TO.SWITE2.CH	Input
Manager	SWITE2	Input
Endpoint	{NULL}	Select
Type	Queue	Input
Name	OEKBSET.TO.SWITE2.Q	Input
Authentication	{NULL}	Select
Username	SWITE2TEST	Input
Password		Input
PreAuthenticate	No	Input

<input checked="" type="checkbox"/> Send		Select
<input checked="" type="checkbox"/> Headers	{NULL}	Select
<input checked="" type="checkbox"/> DeliveryMode	Persistent	Input
<input checked="" type="checkbox"/> Priority	Normal	Input
<input checked="" type="checkbox"/> Type	MQXMIT	Input

C Test MT547		
<input checked="" type="checkbox"/> Communicate with Websphere MQ		
<input checked="" type="checkbox"/> Request	{NULL}	Select
<input checked="" type="checkbox"/> Value	":{1:F01CAAHATWWXXXX3890385806}{2:O5471500180109OCSDATWWXXXX04232713361801091500N}{3:{108:20190430153814 }}{4:16R:GENL:20C::SEME//3465515445099112:23G:NEWM:98C::PREP//20181029100549:16R:LINK:20C::RELA//2019042900872601:16R:LINK:16R:LINK:20C::MITI//04110000000000:16S:LINK:16S:GENL:16R:TRADDET:36B::SETT//UNIT/95878,:98C::ESET//20190426120000:98A::SETT//20190426:97A::SAFE//OCSD240000:16S:TRADDET:16R:FIAC:36B::ESTT//UNIT/95878,:22F::SETR//TRAD:22F::STCO//PART:16S:FIAC:16R:SETDET:22F::SETR//TRAD:22F::STCO//PART:22F::SSBT/RT/AWAS:16R:SETPRTY:95P::PSET//OCSDATWWXXX:16S:SETPRTY:16R:SETPRTY:95P::REAG//DEUTDEFFXXX:16S:SETPRTY:16R:AMT:19A::ESTT//EUR3867006,56:16S:AMT:16S:SETDET:-}"	Input
<input checked="" type="checkbox"/> Communicate	{NULL}	Select
<input checked="" type="checkbox"/> Host	10.178.25.6:1438	Input
<input checked="" type="checkbox"/> Channel	QUENCE.TO.SWITE2.CH	Input
<input checked="" type="checkbox"/> Manager	SWITE2	Input
<input checked="" type="checkbox"/> Endpoint	{NULL}	Select

<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWITE2.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWITE2TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

## C Test MT546

<input type="checkbox"/> Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select
<input type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:26665553 32880}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD86435572D2371 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSD211651 :17B::ACTI/Y :17B::CONS/Y :16S:GENL :16R:SUBSAFE :16R:FIN :35B:ISIN AT000B002340 :93B::AGGR//FAMT/200, :16R:SUBBAL :93B::AWAS//FAMT/200, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUBBAL :16S:FIN :16S:SUBSAFE -}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1438	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWITE2.CH	Input
<input type="checkbox"/> Manager	SWITE2	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWITE2.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWITE2TEST	Input

<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

## C ProvaMT535

<input type="checkbox"/> Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select
<input type="checkbox"/> Value	"1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20112154 42890}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD86435221D1121 :23G:NEWM :98C::PREP//20191017141043 :98A::STAT//20191017 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//2128-CSD.A-212800 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUBSAFE :16R:FIN :35B:ISIN AT000B002340 :93B::AGGR//FAMT/300, :16R:SUBBAL :93B::AWAS//FAMT/300, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUBBAL :16S:FIN :16S:SUBSAFE -}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1438	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWITE2.CH	Input
<input type="checkbox"/> Manager	SWITE2	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWITE2.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWITE2TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select

<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

E2E_MT535_1.0		
<input type="checkbox"/> Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select
<input type="checkbox"/> Value	"{1:F01OCSDAT888XXX2014000000}{2:I535CAAHATW0XXXXN}{3:{108:2063658475780}}{4:16R:GENL:28E:1/ONLY:20C::SEME//PRD86778447D7020:23G:NEWM:98C::PREP//20190210146043:98A::STAT//20190221:22F::SFRE//ADHO:22F::CODE//COMP:22F::STTY//CUST:22F::STBA//SETT:97A::SAFE//OCSDGCM11001:17B::ACTI//Y:17B::CONS//Y:16S:GENL:16R:SUSSAFE:16R:FIN:35B:ISIN AT000B002837:90A::MRKT//PRCT/90,:93B::AGGR//FAMT/30,:16R:SUBBAL:93B::AWAS//FAMT/30,:94F::SAFE//NCSD/OCSDATWWXXX:70C::SUBB//TYPE OF SAFEKEEPING/GS:16S:SUBBAL:16S:FIN:16S:SUSSAFE-}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1438	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWITE2.CH	Input
<input type="checkbox"/> Manager	SWITE2	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWITE2.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWITE2TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

E2E_MT535_2		
communicate with Websphere MQ		
Request	{NULL}	Select
Value	"{1:F01OCSDATW0XXXX2014000000}{2:I535CAAHATW0XXXXN}{3:{108:2000775442545}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD86545577D2111 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDRC11001 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUBSAFE :16R:FIN :35B:ISIN AT000B002852 :93B::AGGR//FAMT/100, :16R:SUBBAL :93B::AWAS//FAMT/100, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUBBAL :16S:FIN :16S:SUSSAFE -}"	Input
Communicate	{NULL}	Select
Host	10.178.25.6:1438	Input
Channel	QUENCE.TO.SWITE2.CH	Input
Manager	SWITE2	Input
Endpoint	{NULL}	Select
Type	Queue	Input
Name	OEKBSET.TO.SWITE2.Q	Input
Authentication	{NULL}	Select
Username	SWITE2TEST	Input
Password		Input
PreAuthenticate	No	Input
Send		Select
Headers	{NULL}	Select
DeliveryMode	Persistent	Input
Priority	Normal	Input
Type	MQXMIT	Input

E2E_MT535_3		
communicate with Websphere MQ		
Request	{NULL}	Select

<input type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20003333 52880}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD86346333D2222 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDDCM31003 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUSSAFE :16R:FIN :35B:ISIN AT000B003538 :93B::AGGR//FAMT/300, :16R:SUSBAL :93B::AWAS//FAMT/300, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUSBAL :16S:FIN :16S:SUSSAFE -}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1438	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWITE2.CH	Input
<input type="checkbox"/> Manager	SWITE2	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWITE2.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWITE2TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

#### E2E\_MT535\_4

<input type="checkbox"/> Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select

<input type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20004533 62880}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD86662533D2222 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDGCM41004 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUSSAFE :16R:FIN :35B:ISIN AT000B003918 :93B::AGGR//FAMT/600, :16R:SUSBAL :93B::AWAS//FAMT/600, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUSBAL :16S:FIN :16S:SUSSAFE -}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1438	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWITE2.CH	Input
<input type="checkbox"/> Manager	SWITE2	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWITE2.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWITE2TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

## E2E\_MT535\_5

<input type="checkbox"/> Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select

<input type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20007764 42880}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD87564472D2222 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDRC41004 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUSSAFE :16R:FIN :35B:ISIN AT000B003561 :93B::AGGR//FAMT/60, :16R:SUSBAL :93B::AWAS//FAMT/60, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUSBAL :16S:FIN :16S:SUSSAFE -}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1438	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWITE2.CH	Input
<input type="checkbox"/> Manager	SWITE2	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWITE2.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWITE2TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

## E2E\_MT535\_6

<input type="checkbox"/> Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select

■ Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20070658 86680}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD87066572D2222 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDNCM51005 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUSSAFE :16R:FIN :35B:ISIN AT000B004833 :93B::AGGR//FAMT/70, :16R:SUSBAL :93B::AWAS//FAMT/70, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUSBAL :16S:FIN :16S:SUSSAFE -}"	Input
■ Communicate	{NULL}	Select
■ Host	10.178.25.6:1438	Input
■ Channel	QUENCE.TO.SWITE2.CH	Input
■ Manager	SWITE2	Input
■ Endpoint	{NULL}	Select
■ Type	Queue	Input
■ Name	OEKBSET.TO.SWITE2.Q	Input
■ Authentication	{NULL}	Select
■ Username	SWITE2TEST	Input
■ Password		Input
■ PreAuthenticate	No	Input
■ Send		Select
■ Headers	{NULL}	Select
■ DeliveryMode	Persistent	Input
■ Priority	Normal	Input
■ Type	MQXMIT	Input

## E2E\_MT535\_7

⌚ Communicate with Websphere MQ		
■ Request	{NULL}	Select

<input type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20227671 92880}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD89977222D2222 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDNCM5221005 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUBSAFE :16R:FIN :35B:ISIN AT000B014105 :93B::AGGR//FAMT/80, :16R:SUBBAL :93B::AWAS//FAMT/80, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUBBAL :16S:FIN :16S:SUBSAFE -}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1438	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWITE2.CH	Input
<input type="checkbox"/> Manager	SWITE2	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWITE2.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWITE2TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

## E2E\_MT535\_8

<input type="checkbox"/> Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select

<input type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20009449 92880}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD89724472D2222 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDRC61006 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUSSAFE :16R:FIN :35B:ISIN AT000B009352 :93B::AGGR//FAMT/90, :16R:SUSBAL :93B::AWAS//FAMT/90, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUSBAL :16S:FIN :16S:SUSSAFE -}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1438	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWITE2.CH	Input
<input type="checkbox"/> Manager	SWITE2	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWITE2.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWITE2TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

### E2E\_MT535\_9

<input type="checkbox"/> Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select

<input type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20005573 92880}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD89553572D2222 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDNCM21012 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUSSAFE :16R:FIN :35B:ISIN AT000B009410 :93B::AGGR//FAMT/500, :16R:SUSBAL :93B::AWAS//FAMT/500, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUSBAL :16S:FIN :16S:SUSSAFE -}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1438	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWITE2.CH	Input
<input type="checkbox"/> Manager	SWITE2	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWITE2.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWITE2TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

## E2E\_MT535\_10

<input type="checkbox"/> Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select

<input type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20005529 92880}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD89174555D2222 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDNCM21112 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUSSAFE :16R:FIN :35B:ISIN AT000B004221 :93B::AGGR//FAMT/700, :16R:SUSBAL :93B::AWAS//FAMT/700, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUSBAL :16S:FIN :16S:SUSSAFE -}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1438	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWITE2.CH	Input
<input type="checkbox"/> Manager	SWITE2	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWITE2.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWITE2TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

### E2E\_MT535\_1.1

<input type="checkbox"/> Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select

<input type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20116775 32880}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD86437577D2110 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDGCM11001 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUSSAFE :16R:FIN :35B:ISIN AT000B003538 :93B::AGGR//FAMT/400, :16R:SUSBAL :93B::AWAS//FAMT/400, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUSBAL :16S:FIN :16S:SUSSAFE -}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1438	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWITE2.CH	Input
<input type="checkbox"/> Manager	SWITE2	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWITE2.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWITE2TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

## E2E\_MT535\_1.2

<input type="checkbox"/> Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select

<input checked="" type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20115564 32760}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD86766172D2410 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDGCM11001 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUSSAFE :16R:FIN :35B:ISIN AT000B009410 :93B::AGGR//FAMT/40, :16R:SUSBAL :93B::AWAS//FAMT/40, :94F::SAFE//NCSD/OCSDDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUSBAL :16S:FIN :16S:SUSSAFE -}"	Input
<input checked="" type="checkbox"/> Communicate	{NULL}	Select
<input checked="" type="checkbox"/> Host	10.178.25.6:1438	Input
<input checked="" type="checkbox"/> Channel	QUENCE.TO.SWITE2.CH	Input
<input checked="" type="checkbox"/> Manager	SWITE2	Input
<input checked="" type="checkbox"/> Endpoint	{NULL}	Select
<input checked="" type="checkbox"/> Type	Queue	Input
<input checked="" type="checkbox"/> Name	OEKBSET.TO.SWITE2.Q	Input
<input checked="" type="checkbox"/> Authentication	{NULL}	Select
<input checked="" type="checkbox"/> Username	SWITE2TEST	Input
<input checked="" type="checkbox"/> Password		Input
<input checked="" type="checkbox"/> PreAuthenticate	No	Input
<input checked="" type="checkbox"/> Send		Select
<input checked="" type="checkbox"/> Headers	{NULL}	Select
<input checked="" type="checkbox"/> DeliveryMode	Persistent	Input
<input checked="" type="checkbox"/> Priority	Normal	Input
<input checked="" type="checkbox"/> Type	MQXMIT	Input

C Standard Message Block 3.1 P		
<i>Correct format of Standard Message Block</i>		
Precondition		
SWIFT message from the Clearing System		Verify

 Check that ISO 15022 messages respect the rules in attach		
 Standard message block structure correct		Verify

### Text Block -Sequence A 3.3.1 P

*Mandatory Sequence A is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence A is part of the SWIFT message		
 Sequence A is part of the ISO 15022 Text Block		Verify

### Text Block -Sequence A - Opening and ending tags 3.3.1 P

*Sequence A begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Sequence A - Mandatory fields 3.3.1 P

*Mandatory fields are all present and correct on the sequence A*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence A		
 Mandatory fields are all present and correct in the sequence		Verify

### Text Block -Sequence A - Negative Test 3.3.1 N

*Error message in case of incorrect Sequence A*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence A is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Subsequence A1 - New Settlement 3.3.1 P

*Subsequence A1 is NOT part of the SWIFT message*

 Precondition		
---	--	--

 SWIFT message from the Clearing System to communicate a new settlement		Verify
 Verify that Subsequence A1 is NOT part of the SWIFT message for new settlements communications		
 Subsequence A1 is NOT part of the ISO 15022 Text Block		Verify

C Text Block -Subsequence A1 - Cancellation of a Settlement 3.3.1 P		
<i>Subsequence A1 is part of the SWIFT message</i>		
 Precondition		
 SWIFT message from the Clearing System to communicate a cancellation of a previously sent message		Verify
 Verify that Subsequence A1 is part of the SWIFT message for new settlements communications		
 Subsequence A1 is part of the ISO 15022 Text Block		Verify

C Text Block -Subsequence A1 - Opening and ending tags 3.3.1 P		
<i>Subsequence A1 begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System to communicate a cancellation of a previously sent message		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

C Text Block -Subsequence A1 - Mandatory fields 3.3.1 P		
<i>Mandatory fields are all present and correct on the Subsequence A1</i>		
 Precondition		
 SWIFT message from the Clearing System to communicate a cancellation of a previously sent message		Verify
 Verify that Mandatory fields are all present and correct on the subsequence A1		
 Mandatory fields are all present and correct in the subsequence		Verify

C Text Block -Subsequence A1 - Negative Test 3.3.1 N		
<i>Error message in case of incorrect Sequence A</i>		
 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Subsequence A1 is not correct system returns an error message		

 Error message from Clearing System		Verify
<b>C Text Block -Sequence B 3.3.1 P</b>		
<i>Mandatory Sequence B is part of the SWIFT message (ISO 15022 Text Block)</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence B is part of the SWIFT message		
 Sequence B is part of the ISO 15022 Text Block		Verify
<b>C Text Block -Sequence B - Opening and ending tags 3.3.1 P</b>		
<i>Sequence B begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify
<b>C Text Block -Sequence B - Mandatory fields 3.3.1 P</b>		
<i>Mandatory fields are all present and correct on the sequence B</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence B		
 Mandatory fields are all present and correct in the sequence		Verify
<b>C Text Block - Sequence B - Negative Test 3.3.1 N</b>		
<i>Error message in case of incorrect Sequence B</i>		
 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence B is not correct system returns an error message		
 Error message from Clearing System		Verify
<b>C Text Block -Sequence C 3.3.1 P</b>		
<i>Mandatory Sequence C is part of the SWIFT message (ISO 15022 Text Block)</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence C is part of the SWIFT message		

 Sequence C is part of the ISO 15022 Text Block		Verify
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### Text Block -Sequence C - Opening and ending tags 3.3.1 P

*Sequence C begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Sequence C - Mandatory fields 3.3.1 P

*Mandatory fields are all present and correct on the sequence C*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence C		
 Mandatory fields are all present and correct in the sequence		Verify

### Text Block -Sequence C - Negative Test 3.3.1 N

*Error message in case of incorrect Sequence C*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence A is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Sequence E 3.3.1 P

*Mandatory Sequence E is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence E is part of the SWIFT message		
 Sequence E is part of the ISO 15022 Text Block		Verify

### Text Block -Sequence E - Opening and ending tags 3.3.1 P

*Sequence E begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

<b>C Text Block -Sequence E - Mandatory fields 3.3.1 P</b>		
<i>Mandatory fields are all present and correct on the sequence E</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence E		
 Mandatory fields are all present and correct in the sequence		Verify
<b>C Text Block -Sequence E - Negative Test 3.3.1 N</b>		
<i>Error message in case of incorrect Sequence E</i>		
 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence E is not correct system returns an error message		
 Error message from Clearing System		Verify
<b>C Text Block -Subsequence E1 3.3.1 P</b>		
<i>Mandatory Subsequence E1 is part of the SWIFT message (ISO 15022 Text Block)</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Subsequence E1 is part of the SWIFT message		
 Sequence E is part of the ISO 15022 Text Block		Verify
<b>C Text Block -Subsequence E1- Opening and ending tags 3.3.1 P</b>		
<i>Subsequence E1 begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify
<b>C Text Block -Subsequence E1 - Mandatory fields 3.3.1 P</b>		
<i>Mandatory fields are all present and correct on the Subsequence E1</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the Subsequence E1		
 Mandatory fields are all present and correct in the sequence		Verify

<b>C Text Block -Subsequence E1 - Negative Test 3.3.1 N</b>		
<i>Error message in case of incorrect Subsequence E1</i>		
 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Subsequence E1 is not correct system returns an error message		
 Error message from Clearing System		Verify
<b>C Basic Header Block 3.1.1 P</b>		
<i>Correct format of Basic Header Block</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that header block is fixed-length and continuous with no field delimiters. Example {1: F 01 CAAHATWW2XXX 0023 001234}		
 Header Block well formatted		Verify
<b>C Basic Header Block 3.1.1 N</b>		
<i>Bad format of Basic Header Block - Error message</i>		
 Precondition		
 SWIFT message produced with a Basic Header Block Incorrect		Verify
 The basic header block is Incorrect		
 Incorrect Basic Header Block produce an error message		Verify
<b>C Application Header Block 3.1.2 P</b>		
<i>Correct format of Application Header Block</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that header block is fixed-length and continuous with no field delimiters. Example {2: I 540 OCSDATWWXXXX N }		
 Header Block well formatted		Verify
<b>C Application Header Block 3.1.2 N</b>		
<i>Bad format of Application Header Block - Error message</i>		
 Precondition		
 SWIFT message produced with a Application Header Block Incorrect		Verify

 The Application header block is Incorrect		
 Incorrect Application Header Block produce an error message		Verify

 User Header Block 3.1.3 P		
<i>User Header Block not populated</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that User Header Block is not populated for these ISO messages		
 User Header Block not populated		Verify

 Trailer Block 3.1.5 P		
<i>Trailer Block not populated</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that Trailer Block is not populated for these ISO messages		
 Trailer Block not populated		Verify

 Standard Message Block 3.1 P		
<i>Correct format of Standard Message Block</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that ISO 15022 messages respect the rules in attach		
 Standard message block structure correct		Verify

 Basic Header Block 3.1.1 P		
<i>Correct format of Basic Header Block</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that header block is fixed-length and continuous with no field delimiters. Example {1: F 01 CAAHATWW2XXX 0023 001234}		
 Header Block well formatted		Verify

 Basic Header Block 3.1.1 N		
<i>Bad format of Basic Header Block - Error message</i>		
 Precondition		
 SWIFT message produced with a Basic Header Block Incorrect		Verify
 The basic header block is Incorrect		
 Incorrect Basic Header Block produce an error message		Verify

<b>C Text Block -Sequence A - Opening and ending tags 3.3.2 P</b>		
<i>Sequence A begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify
<b>C Text Block -Sequence A - Mandatory fields 3.3.2 P</b>		
<i>Mandatory fields are all present and correct on the sequence A</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence A		
 Mandatory fields are all present and correct in the sequence		Verify
<b>C Text Block -Sequence A - Negative Test 3.3.2 N</b>		
<i>Error message in case of incorrect Sequence A</i>		
 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence A is not correct system returns an error message		
 Error message from Clearing System		Verify
<b>C Text Block -Subsequence A1 3.3.2 P</b>		
<i>Subsequence A1 is NOT part of the SWIFT message</i>		
 Precondition		
 SWIFT message from the Clearing System to communicate a new settlement		Verify
 SWIFT message from the Clearing System to communicate a cancellation of a previously sent message		Verify
 Verify that Subsequence A1 is NOT part of the SWIFT message for new settlements communications		
 Subsequence A1 is NOT part of the ISO 15022 Text Block		Verify
 Verify that Subsequence A1 is part of the SWIFT message for new settlements communications		
 Subsequence A1 is part of the ISO 15022 Text Block		Verify
<b>C Text Block -Subsequence A1 - Opening and ending tags 3.3.2 P</b>		
<i>Subsequence A1 begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System to communicate a cancellation of a previously sent message		Verify
 Verify opening and closing tags		

 Correct opening and closing tags		Verify
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### Text Block -Subsequence A1 - Mandatory fields 3.3.2 P

*Mandatory fields are all present and correct on the Subsequence A1*

 Precondition		
 SWIFT message from the Clearing System to communicate a cancellation of a previously sent message		Verify
 Verify that Mandatory fields are all present and correct on the subsequence A1		
 Mandatory fields are all present and correct in the subsequence		Verify

### Text Block -Subsequence A1 - Negative Test 3.3.2 N

*Error message in case of incorrect Sequence A*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that if Subsequence A1 is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Sequence B 3.3.2 P

*Mandatory Sequence B is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence B is part of the SWIFT message		
 Sequence B is part of the ISO 15022 Text Block		Verify

### Text Block -Sequence B - Opening and ending tags 3.3.2 P

*Sequence B begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Sequence B - Mandatory fields 3.3.2 P

*Mandatory fields are all present and correct on the sequence B*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence B		
 Mandatory fields are all present and correct in the sequence		Verify

### Text Block - Sequence B - Negative Test 3.3.2 N

*Error message in case of incorrect Sequence B*

 Precondition		
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 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence B is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Sequence C 3.3.2 P

*Mandatory Sequence C is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence C is part of the SWIFT message		
 Sequence C is part of the ISO 15022 Text Block		Verify

### Text Block -Sequence C - Opening and ending tags 3.3.2 P

*Sequence C begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Sequence C - Mandatory fields 3.3.2 P

*Mandatory fields are all present and correct on the sequence C*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence C		
 Mandatory fields are all present and correct in the sequence		Verify

### Text Block -Sequence C - Negative Test 3.3.2 N

*Error message in case of incorrect Sequence C*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence C is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Sequence E 3.3.2 P

*Mandatory Sequence E is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence E is part of the SWIFT message		
 Sequence E is part of the ISO 15022 Text Block		Verify

### Text Block -Sequence E - Opening and ending tags 3.3.2 P

*Sequence E begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Sequence E - Mandatory fields 3.3.2 P

*Mandatory fields are all present and correct on the sequence E*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence E		

### Text Block -Sequence E - Negative Test 3.3.2 N

*Error message in case of incorrect Sequence E*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence E is not correct system returns an error message		

### Text Block -Subsequence E1 3.3.2 P

*Mandatory Subsequence E1 is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Subsequence E1 is part of the SWIFT message		

### Text Block -Subsequence E1- Opening and ending tags 3.3.2 P

*Subsequence E1 begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		

### Text Block -Subsequence E1 - Mandatory fields 3.3.2 P

*Mandatory fields are all present and correct on the Subsequence E1*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the Subsequence E1		

### Text Block -Subsequence E1 - Negative Test 3.3.2 N

*Error message in case of incorrect Subsequence E1*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Subsequence E1 is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Sequence A 3.3.2 P

*Mandatory Sequence A is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence A is part of the SWIFT message		
 Sequence A is part of the ISO 15022 Text Block		Verify

### Application Header Block 3.1.2 P

*Correct format of Application Header Block*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that header block is fixed-length and continuous with no field delimiters. Example {2: I 541 OCSDATWWXXXX N }		
 Header Block well formatted		Verify

### Application Header Block 3.1.2 N

*Bad format of Application Header Block - Error message*

 Precondition		
 SWIFT message produced with a Application Header Block Incorrect		Verify
 The Application header block is Incorrect		
 Incorrect Application Header Block produce an error message		Verify

### User Header Block 3.1.3 P

*User Header Block not populated*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that User Header Block is not populated for these ISO messages		
 User Header Block not populated		Verify

### Trailer Block 3.1.5 P

*Trailer Block not populated*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that Trailer Block is not populated for these ISO messages		
 Trailer Block not populated		Verify

<b>C Standard Message Block 3.1 P</b>		
<i>Correct format of Standard Message Block</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that ISO 15022 messages respect the rules in attach		
 Standard message block structure correct		Verify
<b>C Basic Header Block 3.1.1 P</b>		
<i>Correct format of Basic Header Block</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that header block is fixed-length and continuous with no field delimiters. Example {1: F 01 CAAHATWW2XXX 0023 001234}		
 Header Block well formatted		Verify
<b>C Basic Header Block 3.1.1 N</b>		
<i>Bad format of Basic Header Block - Error message</i>		
 Precondition		
 SWIFT message produced with a Basic Header Block Incorrect		Verify
 The basic header block is Incorrect		
 Incorrect Basic Header Block produce an error message		Verify
<b>C Text Block -Sequence A 3.3.3 P</b>		
<i>Mandatory Sequence A is part of the SWIFT message (ISO 15022 Text Block)</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence A is part of the SWIFT message		
 Sequence A is part of the ISO 15022 Text Block		Verify
<b>C Text Block -Sequence A - Opening and ending tags 3.3.3 P</b>		
<i>Sequence A begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		

 Correct opening and closing tags		Verify
<b>C Text Block -Sequence A - Mandatory fields 3.3.3 P</b>		
<i>Mandatory fields are all present and correct on the sequence A</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence A		
 Mandatory fields are all present and correct in the sequence		Verify
<b>C Text Block -Sequence A - Negative Test 3.3.3 N</b>		
<i>Error message in case of incorrect Sequence A</i>		
 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence A is not correct system returns an error message		
 Error message from Clearing System		Verify
<b>C Text Block -Subsequence A1 3.3.3 P</b>		
<i>Subsequence A1 is NOT part of the SWIFT message</i>		
 Precondition		
 SWIFT message from the Clearing System to communicate a new settlement		Verify
 SWIFT message from the Clearing System to communicate a cancellation of a previously sent message		Verify
 Verify that Subsequence A1 is NOT part of the SWIFT message for new settlements communications		
 Subsequence A1 is NOT part of the ISO 15022 Text Block		Verify
 Verify that Subsequence A1 is part of the SWIFT message for new settlements communications		
 Subsequence A1 is part of the ISO 15022 Text Block		Verify
<b>C Text Block -Subsequence A1 - Opening and ending tags 3.3.3 P</b>		
<i>Subsequence A1 begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System to communicate a cancellation of a previously sent message		Verify
 Verify opening and closing tags		

 Correct opening and closing tags		Verify
<b>C Text Block -Subsequence A1 - Mandatory fields 3.3.3 P</b>		
<i>Mandatory fields are all present and correct on the Subsequence A1</i>		
 Precondition		
 SWIFT message from the Clearing System to communicate a cancellation of a previously sent message		Verify
 Verify that Mandatory fields are all present and correct on the subsequence A1		
 Mandatory fields are all present and correct in the subsequence		Verify
<b>C Text Block -Subsequence A1 - Negative Test 3.3.3 N</b>		
<i>Error message in case of incorrect Sequence A</i>		
 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Subsequence A1 is not correct system returns an error message		
 Error message from Clearing System		Verify
<b>C Text Block -Sequence B 3.3.3 P</b>		
<i>Mandatory Sequence B is part of the SWIFT message (ISO 15022 Text Block)</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence B is part of the SWIFT message		
 Sequence B is part of the ISO 15022 Text Block		Verify
<b>C Text Block -Sequence B - Opening and ending tags 3.3.3 P</b>		
<i>Sequence B begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify
<b>C Text Block -Sequence B - Mandatory fields 3.3.3 P</b>		
<i>Mandatory fields are all present and correct on the sequence B</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify

 Verify that Mandatory fields are all present and correct on the sequence B		
 Mandatory fields are all present and correct in the sequence		Verify

### Text Block - Sequence B - Negative Test 3.3.3 N

*Error message in case of incorrect Sequence B*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence B is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Sequence C 3.3.3 P

*Mandatory Sequence C is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence C is part of the SWIFT message		
 Sequence C is part of the ISO 15022 Text Block		Verify

### Text Block -Sequence C - Opening and ending tags 3.3.3 P

*Sequence C begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Sequence C - Mandatory fields 3.3.3 P

*Mandatory fields are all present and correct on the sequence C*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence C		
 Mandatory fields are all present and correct in the sequence		Verify

### Text Block -Sequence C - Negative Test 3.3.3 N

*Error message in case of incorrect Sequence C*

 Precondition		
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 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence A is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Sequence E 3.3.3 P

*Mandatory Sequence E is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence E is part of the SWIFT message		
 Sequence E is part of the ISO 15022 Text Block		Verify

### Text Block -Sequence E - Opening and ending tags 3.3.3 P

*Sequence E begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Sequence E - Mandatory fields 3.3.3 P

*Mandatory fields are all present and correct on the sequence E*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence E		
 Mandatory fields are all present and correct in the sequence		Verify

### Text Block -Sequence E - Negative Test 3.3.3 N

*Error message in case of incorrect Sequence E*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence E is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Subsequence E1 3.3.3 P

*Mandatory Subsequence E1 is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
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 SWIFT message from the Clearing System		Verify
 Verify that mandatory Subsequence E1 is part of the SWIFT message		
 Sequence E is part of the ISO 15022 Text Block		Verify

### Text Block -Subsequence E 1- Opening and ending tags 3.3.3 P

*Subsequence E1 begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Subsequence E1 - Mandatory fields 3.3.3 P

*Mandatory fields are all present and correct on the Subsequence E1*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the Subsequence E1		
 Mandatory fields are all present and correct in the sequence		Verify

### Text Block -Subsequence E1 - Negative Test 3.3.3 N

*Error message in case of incorrect Subsequence E1*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Subsequence E1 is not correct system returns an error message		
 Error message from Clearing System		Verify

### Application Header Block 3.1.2 P

*Correct format of Application Header Block*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that header block is fixed-length and continuous with no field delimiters. Example {2: I 542 OCSDATWWXXXX N }		
 Header Block well formatted		Verify

### Application Header Block 3.1.2 N

*Bad format of Application Header Block - Error message*

 Precondition		
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 SWIFT message produced with a Application Header Block Incorrect		Verify
 The Application header block is Incorrect		
 Incorrect Application Header Block produce an error message		Verify

C User Header Block 3.1.3 P		
<i>User Header Block not populated</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that User Header Block is not populated for these ISO messages		
 User Header Block not populated		Verify

C Trailer Block 3.1.5 P		
<i>Trailer Block not populated</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that Trailer Block is not populated for these ISO messages		
 Trailer Block not populated		Verify

C Standard Message Block 3.1 P		
<i>Correct format of Standard Message Block</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that ISO 15022 messages respect the rules in attach		
 Standard message block structure correct		Verify

C Basic Header Block 3.1.1 P		
<i>Correct format of Basic Header Block</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that header block is fixed-length and continuous with no field delimiters. Example {1: F 01 CAAHATWW2XXX 0023 001234}		
 Header Block well formatted		Verify

C Basic Header Block 3.1.1 N		
<i>Bad format of Basic Header Block - Error message</i>		

 Precondition		
 SWIFT message produced with a Basic Header Block Uncorrect		Verify
 The basic header block is uncorrect		
 Uncorrect Basic Header Block produce an error message		Verify

### Text Block -Sequence A 3.3.4 P

*Mandatory Sequence A is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence A is part of the SWIFT message		
 Sequence A is part of the ISO 15022 Text Block		Verify

### Text Block -Sequence A - Opening and ending tags 3.3.4 P

*Sequence A begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Sequence A - Mandatory fields 3.3.4 P

*Mandatory fields are all present and correct on the sequence A*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence A		
 Mandatory fields are all present and correct in the sequence		Verify

### Text Block -Sequence A - Negative Test 3.3.4 N

*Error message in case of incorrect Sequence A*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence A is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Subsequence A1 3.3.4 P

*Subsequence A1 is NOT part of the SWIFT message*

 Precondition		
 SWIFT message from the Clearing System to communicate a new settlement		Verify
 SWIFT message from the Clearing System to communicate a cancellation of a previously sent message		Verify
 Verify that Subsequence A1 is NOT part of the SWIFT message for new settlements communications		
 Subsequence A1 is NOT part of the ISO 15022 Text Block		Verify
 Verify that Subsequence A1 is part of the SWIFT message for new settlements communications		
 Subsequence A1 is part of the ISO 15022 Text Block		Verify

#### Text Block -Subsequence A1 - Opening and ending tags 3.3.4 P

*Subsequence A1 begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System to communicate a cancellation of a previously sent message		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

#### Text Block -Subsequence A1 - Mandatory fields 3.3.4 P

*Mandatory fields are all present and correct on the Subsequence A1*

 Precondition		
 SWIFT message from the Clearing System to communicate a cancellation of a previously sent message		Verify
 Verify that Mandatory fields are all present and correct on the subsequence A1		
 Mandatory fields are all present and correct in the subsequence		Verify

#### Text Block -Subsequence A1 - Negative Test 3.3.4 N

*Error message in case of incorrect Sequence A*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that if Subsequence A1 is not correct system returns an error message		
 Error message from Clearing System		Verify

#### Text Block -Sequence B 3.3.4 P

*Mandatory Sequence B is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence B is part of the SWIFT message		
 Sequence B is part of the ISO 15022 Text Block		Verify

### Text Block -Sequence B - Opening and ending tags 3.3.4 P

*Sequence B begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Sequence B - Mandatory fields 3.3.4 P

*Mandatory fields are all present and correct on the sequence B*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence B		
 Mandatory fields are all present and correct in the sequence		Verify

### Text Block - Sequence B - Negative Test 3.3.4 N

*Error message in case of incorrect Sequence B*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence B is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Sequence C 3.3.4 P

*Mandatory Sequence C is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence C is part of the SWIFT message		
 Sequence C is part of the ISO 15022 Text Block		Verify

### Text Block -Sequence C - Opening and ending tags 3.3.4 P

*Sequence C begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### C Text Block -Sequence C - Mandatory fields 3.3.4 P

*Mandatory fields are all present and correct on the sequence C*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence C		
 Mandatory fields are all present and correct in the sequence		Verify

### C Text Block -Sequence C - Negative Test 3.3.4 N

*Error message in case of incorrect Sequence C*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence A is not correct system returns an error message		
 Error message from Clearing System		Verify

### C Text Block -Sequence E 3.3.4 P

*Mandatory Sequence E is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence E is part of the SWIFT message		
 Sequence E is part of the ISO 15022 Text Block		Verify

### C Text Block -Sequence E - Opening and ending tags 3.3.4 P

*Sequence E begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### C Text Block -Sequence E - Mandatory fields 3.3.4 P

*Mandatory fields are all present and correct on the sequence E*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence E		
 Mandatory fields are all present and correct in the sequence		Verify

### C Text Block -Sequence E - Negative Test 3.3.4 N

*Error message in case of incorrect Sequence E*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence E is not correct system returns an error message		
 Error message from Clearing System		Verify

### C Text Block -Subsequence E1 3.3.4 P

*Mandatory Subsequence E1 is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Subsequence E1 is part of the SWIFT message		
 Sequence E is part of the ISO 15022 Text Block		Verify

### C Text Block -Subsequence E1- Opening and ending tags 3.3.4 P

*Subsequence E1 begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### C Text Block -Subsequence E1 - Mandatory fields 3.3.4 P

*Mandatory fields are all present and correct on the Subsequence E1*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the Subsequence E1		
 Mandatory fields are all present and correct in the sequence		Verify

### C Text Block -Subsequence E1 - Negative Test 3.3.4 N

*Error message in case of incorrect Subsequence E1*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Subsequence E1 is not correct system returns an error message		
 Error message from Clearing System		Verify
<b>C Application Header Block 3.1.2 P</b>		
<i>Correct format of Application Header Block</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that header block is fixed-length and continuous with no field delimiters. Example {2: I 543 OCSDATWWXXXX N }		
 Header Block well formatted		Verify
<b>C Application Header Block 3.1.2 N</b>		
<i>Bad format of Application Header Block - Error message</i>		
 Precondition		
 SWIFT message produced with a Application Header Block Uncorrect		Verify
 The Application header block is uncorrect		
 Uncorrect Application Header Block produce an error message		Verify
<b>C User Header Block 3.1.3 P</b>		
<i>User Header Block not populated</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that User Header Block is not populated for these ISO messages		
 User Header Block not populated		Verify
<b>C Trailer Block 3.1.5 P</b>		
<i>Trailer Block not populated</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that Trailer Block is not populated for these ISO messages		
 Trailer Block not populated		Verify

<b>C Standard Message Block 3.1 P</b>		
<i>Correct format of Standard Message Block</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that ISO 15022 messages respect the rules in attach		
 Standard message block structure correct		Verify
<b>C Text Block -Sequence A 3.3.4 P</b>		
<i>Mandatory Sequence A is part of the SWIFT message (ISO 15022 Text Block)</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence A is part of the SWIFT message		
 Sequence A is part of the ISO 15022 Text Block		Verify
<b>C Text Block -Sequence A - Opening and ending tags 3.3.4 P</b>		
<i>Sequence A begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify
<b>C Text Block -Sequence A - Mandatory fields 3.3.4 P</b>		
<i>Mandatory fields are all present and correct on the sequence A</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence A		
 Mandatory fields are all present and correct in the sequence		Verify
<b>C Text Block -Sequence A - Negative Test 3.3.4 N</b>		
<i>Error message in case of incorrect Sequence A</i>		
 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence A is not correct system returns an error message		
 Error message from Clearing System		Verify
<b>C Text Block -Sequence A1 3.3.4 P</b>		
<i>Mandatory Sequence A1 is part of the SWIFT message (ISO 15022 Text Block)</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify

 Verify that mandatory Sequence A1 is part of the SWIFT message		
 Sequence A1 is part of the ISO 15022 Text Block		Verify

<b>C Text Block -Sequence A1 - Opening and ending tags 3.3.4 P</b>		
<i>Sequence A1 begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

<b>C Text Block -Sequence A1 - Mandatory fields 3.3.4 P</b>		
<i>Mandatory fields are all present and correct on the sequence A1</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence A1		
 Mandatory fields are all present and correct in the sequence		Verify

<b>C Text Block -Sequence A1 - Negative Test 3.3.4 N</b>		
<i>Error message in case of incorrect Sequence A1</i>		
 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence A1 is not correct system returns an error message		
 Error message from Clearing System		Verify

<b>C Text Block -Sequence B 3.3.4 P</b>		
<i>Mandatory Sequence B is part of the SWIFT message (ISO 15022 Text Block)</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence B is part of the SWIFT message		
 Sequence B is part of the ISO 15022 Text Block		Verify

<b>C Text Block -Sequence B - Opening and ending tags 3.3.4 P</b>		
<i>Sequence B begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

<b>C Text Block -Sequence B - Mandatory fields 3.3.4 P</b>		
<i>Mandatory fields are all present and correct on the sequence B</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify

 Verify that Mandatory fields are all present and correct on the sequence B		
 Mandatory fields are all present and correct in the sequence		Verify

### C Text Block -Sequence B - Negative Test 3.3.4 N

*Error message in case of incorrect Sequence B*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence B is not correct system returns an error message		
 Error message from Clearing System		Verify

### C Text Block -Sequence B1 3.3.4 P

*Mandatory Sequence B1 is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence B1 is part of the SWIFT message		
 Sequence B1 is part of the ISO 15022 Text Block		Verify

### C Text Block -Sequence B1 - Opening and ending tags 3.3.4 P

*Sequence B1 begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### C Text Block -Sequence B1 - Mandatory fields 3.3.4 P

*Mandatory fields are all present and correct on the sequence B1*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence B1		
 Mandatory fields are all present and correct in the sequence		Verify

### C Text Block -Sequence B1 - Negative Test 3.3.4 N

*Error message in case of incorrect Sequence B1*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence B1 is not correct system returns an error message		
 Error message from Clearing System		Verify

### C Text Block -Sequence D 3.3.4 P

*Mandatory Sequence D is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence D is part of the SWIFT message		
 Sequence D is part of the ISO 15022 Text Block		Verify

### Text Block -Sequence D - Opening and ending tags 3.3.4 P

*Sequence D begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Sequence D - Mandatory fields 3.3.4 P

*Mandatory fields are all present and correct on the sequence D*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence D		
 Mandatory fields are all present and correct in the sequence		Verify

### Text Block -Sequence D - Negative Test 3.3.4 N

*Error message in case of incorrect Sequence D*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence D is not correct system returns an error message		
 Error message from Clearing System		Verify

### Basic Header Block 3.1.1 P

*Correct format of Basic Header Block*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that header block is fixed-length and continuous with no field delimiters. Example {1: F 01 CAAHATWW2XXX 0023 001234}		
 Header Block well formatted		Verify

### Basic Header Block 3.1.1 N

*Bad format of Basic Header Block - Error message*

 Precondition		
 SWIFT message produced with a Basic Header Block Incorrect		Verify
 The basic header block is Incorrect		

 Incorrect Basic Header Block produce an error message		Verify
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 Application Header Block 3.1.2 P		
<i>Correct format of Application Header Block</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that header block is fixed-length and continuous with no field delimiters. Example {2: I 503 OCSDATWWXXXX N }		
 Header Block well formatted		Verify

 Application Header Block 3.1.2 N		
<i>Bad format of Application Header Block - Error message</i>		
 Precondition		
 SWIFT message produced with a Application Header Block Incorrect		Verify
 The Application header block is Incorrect		
 Incorrect Application Header Block produce an error message		Verify

 User Header Block 3.1.3 P		
<i>User Header Block not populated</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that User Header Block is not populated for these ISO messages		
 User Header Block not populated		Verify

 Trailer Block 3.1.5 P		
<i>Trailer Block not populated</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that Trailer Block is not populated for these ISO messages		
 Trailer Block not populated		Verify

 Standard Message Block 3.1 P		
<i>Correct format of Standard Message Block</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify

 Check that ISO 15022 messages respect the rules in attach		
 Standard message block structure correct		Verify

### Text Block -Sequence A 3.3.5 P

*Mandatory Sequence A is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence A is part of the SWIFT message		
 Sequence A is part of the ISO 15022 Text Block		Verify

### Text Block -Sequence A - Opening and ending tags 3.3.5 P

*Sequence A begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Sequence A - Mandatory fields 3.3.5 P

*Mandatory fields are all present and correct on the sequence A*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence A		
 Mandatory fields are all present and correct in the sequence		Verify

### Text Block -Sequence A - Negative Test 3.3.5 N

*Error message in case of incorrect Sequence A*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence A is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Sequence A1 3.3.5 P

*Mandatory Sequence A1 is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence A1 is part of the SWIFT message		
 Sequence A1 is part of the ISO 15022 Text Block		Verify

### Text Block -Sequence A1 - Opening and ending tags 3.3.5 P

*Sequence A begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Sequence A1 - Mandatory fields 3.3.5 P

*Mandatory fields are all present and correct on the sequence A1*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence A1		
 Mandatory fields are all present and correct in the sequence		Verify

### Text Block -Sequence A1 - Negative Test 3.3.5 N

*Error message in case of incorrect Sequence A1*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence A1 is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Sequence B 3.3.5 P

*Mandatory Sequence B is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence B is part of the SWIFT message		
 Sequence B is part of the ISO 15022 Text Block		Verify

### Text Block -Sequence B - Opening and ending tags 3.3.5 P

*Sequence B begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Sequence B - Mandatory fields 3.3.5 P

*Mandatory fields are all present and correct on the sequence B*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence B		
 Mandatory fields are all present and correct in the sequence		Verify

### Text Block -Sequence B - Negative Test 3.3.5 N

*Error message in case of incorrect Sequence B*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence B is not correct system returns an error message		
 Error message from Clearing System		Verify

#### Text Block -Sequence D 3.3.5 P

*Repetitive Optional Sequence D Collateral Details - Sequence 'COLD' repeats per piece of collateral*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that optional Sequence D repeats per piece of collateral		
 Optional Sequence D repeats per piece of collateral		Verify

#### Text Block -Sequence D - Opening and ending tags 3.3.5 P

*Sequence D begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify
 Correct opening and closing tags		Verify

#### Text Block -Sequence D - Mandatory fields 3.3.5 P

*Mandatory fields are all present and correct on the sequence D*

 Precondition		
 SWIFT message from the Clearing System		Verify
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence D		
 Mandatory fields are all present and correct in the sequence		Verify
 Mandatory fields are all present and correct in the sequence		Verify

#### Text Block -Sequence D - Negative Test 3.3.5 N

*Error message in case of incorrect Sequence D*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence D is not correct system returns an error message		
 Error message from Clearing System		Verify
 Error message from Clearing System		Verify

 <b>Text Block -Subsequence D1 3.3.5 P</b>		
<i>Optional Subsequence D1 is populated for Securities Collateral</i>		
 Precondition		
 SWIFT message from the Clearing System for Securities Collateral		Verify
 Verify that Subsequence D1 is populated for Securities Collateral		
 Optional Subsequence D1 is populated for Securities Collateral		Verify
 <b>Text Block -Subsequence D1 - Opening and ending tags 3.3.5 P</b>		
<i>Sequence D begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System for Securities Collateral		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify
 <b>Text Block -Subsequence D1 - Mandatory fields 3.3.5 P</b>		
<i>Mandatory fields are all present and correct on the sequence D1</i>		
 Precondition		
 SWIFT message from the Clearing System for Securities Collateral		Verify
 Verify that Mandatory fields are all present and correct on the sequence D1		
 Mandatory fields are all present and correct in the sequence		Verify
 <b>Text Block -Subsequence D1 - Negative Test 3.3.5 N</b>		
<i>Error message in case of incorrect Sequence D1</i>		
 Precondition		
 SWIFT message from the Clearing System for Securities Collateral		Verify
 Verify that if Sequence D1 is not correct system returns an error message		
 Error message from Clearing System		Verify
 <b>Text Block -Subsequence D2 3.3.5 P</b>		
<i>Optional Subsequence D2 is populated for Cash Collateral</i>		
 Precondition		
 SWIFT message from the Clearing System with Cash Collateral		Verify
 Verify that Subsequence D2 is populated for Cash Collateral		
 Optional Subsequence D2 is populated for Cash Collateral		Verify
 <b>Text Block -Subsequence D2 - Opening and ending tags 3.3.5 P</b>		
<i>Sequence D2 begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		

 SWIFT message from the Clearing System with Cash Collateral		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### C Text Block -Subsequence D2 - Mandatory fields 3.3.5 P

*Mandatory fields are all present and correct on the sequence D2*

 Precondition		
 SWIFT message from the Clearing System with Cash Collateral		Verify
 Verify that Mandatory fields are all present and correct on the sequence D2		
 Mandatory fields are all present and correct in the sequence		Verify

### C Text Block -Subsequence D2 - Negative Test 3.3.5 N

*Error message in case of incorrect Sequence D2*

 Precondition		
 SWIFT message from the Clearing System with Cash Collateral		Verify
 Verify that if Sequence D2 is not correct system returns an error message		
 Error message from Clearing System		Verify

### C Text Block - Sequence D - Additional Information 3.3.5 P

*Mandatory Sequence D is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence D is part of the SWIFT message		
 Sequence D is part of the ISO 15022 Text Block		Verify

### C Basic Header Block 3.1.1 P

*Correct format of Basic Header Block*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that header block is fixed-length and continuous with no field delimiters. Example {1: F 01 CAAHATWWAXXX 0001 001981}		
 Header Block well formatted		Verify

### C Basic Header Block 3.1.1 N

*Bad format of Basic Header Block - Error message*

 Precondition		
 SWIFT message produced with a Basic Header Block Incorrect		Verify
 The basic header block is Incorrect		
 Incorrect Basic Header Block produce an error message		Verify

<b>C Application Header Block 3.1.2 P</b>		
<i>Correct format of Application Header Block</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that header block is fixed-length and continuous with no field delimiters. Example {2: I 506 BANKBEBBXXXX N}		
 Header Block well formatted		Verify
<b>C Application Header Block 3.1.2 N</b>		
<i>Bad format of Application Header Block - Error message</i>		
 Precondition		
 SWIFT message produced with a Application Header Block Incorrect		Verify
 The Application header block is Incorrect		
 Incorrect Application Header Block produce an error message		Verify
<b>C User Header Block 3.1.3 P</b>		
<i>User Header Block not populated</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that User Header Block is not populated for these ISO messages		
 User Header Block not populated		Verify
<b>C Trailer Block 3.1.5 P</b>		
<i>Correct format of Trailer Block</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that Trailer Block is fixed-length and continuous with no field delimiters. Example {5: {MAC:12345678} {CHK:123456789ABC} }		
 Trailer Block well formatted		Verify
<b>C Standard Message Block 3.1 P</b>		
<i>Correct format of Standard Message Block</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that ISO 15022 messages respect the rules in attach		
 Standard message block structure correct		Verify
<b>C Text Block -Sequence A 3.3.1 P</b>		
<i>Mandatory Sequence A is part of the SWIFT message (ISO 15022 Text Block)</i>		
 Precondition		

 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence A is part of the SWIFT message		
 Sequence A is part of the ISO 15022 Text Block		Verify

### C Text Block -Sequence A - Opening and ending tags 3.3.1 P

*Sequence A begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### C Text Block -Sequence A - Mandatory fields 3.3.1 P

*Mandatory fields are all present and correct on the sequence A*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence A		
 Mandatory fields are all present and correct in the sequence		Verify

### C Text Block -Sequence A - Negative Test 3.3.1 N

*Error message in case of incorrect Sequence A*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence A is not correct system returns an error message		
 Error message from Clearing System		Verify

### C Text Block -Sequence B 3.3.1 P

*Optional Sequence B is part of the SWIFT message (ISO 15022 Text Block). Sequence repeats for each position status (25D) and Reason code 24B in sequence B1*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that optional Sequence B is part of the SWIFT message. Sequence repeats for each position status (25D) and Reason code 24B in sequence B1		
 Sequence B is part of the ISO 15022 Text Block. Sequence repeats for each position status (25D) and Reason code 24B in sequence B1		Verify

### C Text Block -Sequence B - Opening and ending tags 3.3.1 P

*Sequence B begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

<b>C Text Block -Sequence B - Mandatory fields 3.3.1 P</b>		
<i>Mandatory fields are all present and correct on the sequence B</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence B		
 Mandatory fields are all present and correct in the sequence		Verify
<b>C Text Block -Sequence B - Negative Test 3.3.1 N</b>		
<i>Error message in case of incorrect Sequence B</i>		
 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence B is not correct system returns an error message		
 Error message from Clearing System		Verify
<b>C Text Block -Sequence B1 3.3.1 P</b>		
<i>Optional Sequence B1 is part of the SWIFT message (ISO 15022 Text Block). Sequence repeats for each position status (25D) and Reason code 24B in sequence B1</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that optional Sequence B1 is part of the SWIFT message. Sequence repeats for each position status (25D) and Reason code 24B in sequence B1		
 Sequence B1 is part of the ISO 15022 Text Block.. Sequence repeats for each position status (25D) and Reason code 24B in sequence B1		Verify
<b>C Text Block -Sequence B1 - Opening and ending tags 3.3.1 P</b>		
<i>Sequence B1 begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify
<b>C Text Block -Sequence B1 - Mandatory fields 3.3.1 P</b>		
<i>Mandatory fields are all present and correct on the sequence B1</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence B1		
 Mandatory fields are all present and correct in the sequence		Verify
<b>C Text Block -Sequence B1 - Negative Test 3.3.1 N</b>		
<i>Error message in case of incorrect Sequence B1</i>		

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence B1 is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Sequence B2 3.3.1 P

*Mandatory Sequence B2 is part of the SWIFT message (ISO 15022 Text Block). This sequence is repeated for all the open positions in the given position account for each position status (25D) and Reason code 24B in sequence B1*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence B2 is part of the SWIFT message. This sequence is repeated for all the open positions in the given position account for each position status (25D) and Reason code 24B in sequence B1		
 Sequence B2 is part of the ISO 15022 Text Block. This sequence is repeated for all the open positions in the given position account for each position status (25D) and Reason code 24B in sequence B1		Verify

### Text Block -Sequence B2 - Opening and ending tags 3.3.1 P

*Sequence B2 begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Sequence B2 - Mandatory fields 3.3.1 P

*Mandatory fields are all present and correct on the sequence B2*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence B2		
 Mandatory fields are all present and correct in the sequence		Verify

### Text Block -Sequence B2 - Negative Test 3.3.1 N

*Error message in case of incorrect Sequence B2*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence B2 is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Sequence B2 - optional fields 3.3.1 P

*Optional fields in subsections B2*

 Precondition		
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 SWIFT message from the Clearing System		Verify
 Verify optional values on subsections, for all kind of Corporate Actions		
 Optional values have different values depending on the instruction		Verify

### Text Block -Subsequence B2a 3.3.1 P

*Mandatory Subsequence B2a is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Subsequence B2a is part of the SWIFT message		
 Subsequence B2a is part of the ISO 15022 Text Block		Verify

### Text Block -Subsequence B2a - Opening and ending tags 3.3.1 P

*Subsequence B2a begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		

### Text Block -Subsequence B2a - Mandatory fields 3.3.1 P

*Mandatory fields are all present and correct on the sequence B2a*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the Subsequence B2a		
 Mandatory fields are all present and correct in the Subsequence		Verify

### Text Block -Subsequence B2a - Negative Test 3.3.1 N

*Error message in case of incorrect Subsequence B2a*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Subsequence B2a is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Subsequence B2a - optional fields 3.3.1 P

*Optional fields in subsection B2a*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify optional values on subsection		
 Optional values have different values depending on the instruction		Verify

<b>C Text Block -Subsequence B2b 3.3.1 P</b>		
<i>Optional Subsequence B2b is part of the SWIFT message (ISO 15022 Text Block)</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify if Optional Subsequence B2b is part of the SWIFT message		
 Subsequence B2b is part of the ISO 15022 Text Block		Verify
<b>C Text Block -Subsequence B2b - Opening and ending tags 3.3.1 P</b>		
<i>Subsequence B2b begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify
<b>C Text Block -Subsequence B2b - Mandatory fields 3.3.1 P</b>		
<i>Mandatory fields are all present and correct on the sequence B2b</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the Subsequence B2b		
 Mandatory fields are all present and correct in the Subsequence		Verify
<b>C Text Block -Subsequence B2b - Negative Test 3.3.1 N</b>		
<i>Error message in case of incorrect Subsequence B2b</i>		
 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Subsequence B2b is not correct system returns an error message		
 Error message from Clearing System		Verify
<b>C Text Block -Subsequence B2b - optional fields 3.3.1 P</b>		
<i>Optional fields in subsection B2b</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify optional values on subsection		
 Optional values have different values depending on the instruction		Verify
<b>C Text Block -Subsequence B2b1 3.3.1 P</b>		
<i>Optional Subsequence B2b1 is part of the SWIFT message (ISO 15022 Text Block)</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify if Optional Subsequence B2b1 is part of the SWIFT message		

 Subsequence B2b1 is part of the ISO 15022 Text Block		Verify
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### Text Block -Subsequence B2b1 - Opening and ending tags 3.3.1 P

*Subsequence B2b1 begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Subsequence B2b1 - Mandatory fields 3.3.1 P

*Mandatory fields are all present and correct on the sequence B2b1*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the Subsequence B2b1		
 Mandatory fields are all present and correct in the Subsequence		Verify

### Text Block -Subsequence B2b1 - Negative Test 3.3.1 N

*Error message in case of incorrect Subsequence B2b1*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Subsequence B2b1 is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Sequence D - Additional Information 3.3.1 P

*Mandatory Sequence D is part of the SWIFT message (ISO 15022 Text Block).*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence D is part of the SWIFT message.		
 Sequence D is part of the ISO 15022 Text Block		Verify

### Text Block -Sequence D - Opening and ending tags 3.3.1 P

*Sequence D begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Sequence D - Mandatory fields 3.3.1 P

*Mandatory fields are all present and correct on the sequence D*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence D		

 Mandatory fields are all present and correct in the sequence		Verify
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### Text Block -Sequence D - Negative Test 3.3.1 N

*Error message in case of incorrect Sequence D*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence D is not correct system returns an error message		
 Error message from Clearing System		Verify

### Basic Header Block 3.1.1 P

*Correct format of Basic Header Block*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that header block is fixed-length and continuous with no field delimiters. Example {1: F 01 CAAHATWWAXXX 0001 001981}		
 Header Block well formatted		Verify

### Basic Header Block 3.1.1 N

*Bad format of Basic Header Block - Error message*

 Precondition		
 SWIFT message produced with a Basic Header Block Incorrect		Verify
 The basic header block is Incorrect		
 Incorrect Basic Header Block produce an error message		Verify

### Application Header Block 3.1.2 P

*Correct format of Application Header Block*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that header block is fixed-length and continuous with no field delimiters. Example {2: I 537 BANKBEBBXXXX N}		
 Header Block well formatted		Verify

### Application Header Block 3.1.2 N

*Bad format of Application Header Block - Error message*

 Precondition		
 SWIFT message produced with a Application Header Block Incorrect		Verify
 The Application header block is Incorrect		
 Incorrect Application Header Block produce an error message		Verify

### User Header Block 3.1.3 P

*User Header Block not populated*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that User Header Block is not populated for these ISO messages		
 User Header Block not populated		Verify

 <b>Trailer Block 3.1.5 P</b>		
<i>Correct format of Trailer Block</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that Trailer Block is fixed-length and continuous with no field delimiters. Example {5: {MAC:12345678} {CHK:123456789ABC} }		
 Trailer Block well formatted		Verify

 <b>Standard Message Block 3.1 P</b>		
<i>Correct format of Standard Message Block</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that ISO 15022 messages respect the rules in attach		
 Standard message block structure correct		Verify

 <b>Text Block -Sequence A 3.3.2 P</b>		
<i>Mandatory Sequence A is part of the SWIFT message (ISO 15022 Text Block)</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence A is part of the SWIFT message		
 Sequence A is part of the ISO 15022 Text Block		Verify

 <b>Text Block -Sequence A - Opening and ending tags 3.3.2 P</b>		
<i>Sequence A begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

 <b>Text Block -Sequence A - Mandatory fields 3.3.2 P</b>		
<i>Mandatory fields are all present and correct on the sequence A</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence A		
 Mandatory fields are all present and correct in the sequence		Verify

<b>C Text Block -Sequence A - Negative Test 3.3.2 N</b>		
<i>Error message in case of incorrect Sequence A</i>		
Precondition		
☒ SWIFT message from the Clearing System with an error on sequence		Verify
☒ Verify that if Sequence A is not correct system returns an error message		
☒ Error message from Clearing System		Verify
<b>C Text Block -Sequence B 3.3.2 P</b>		
<i>Optional Sequence B is part of the SWIFT message (ISO 15022 Text Block)</i>		
Precondition		
☒ SWIFT message from the Clearing System		Verify
☒ Verify that optional Sequence B is part of the SWIFT message		
☒ Sequence B is part of the ISO 15022 Text Block.		Verify
<b>C Text Block -Sequence B - Opening and ending tags 3.3.2 P</b>		
<i>Sequence B begins with opening tag 16R and ends with tag 16S</i>		
Precondition		
☒ SWIFT message from the Clearing System		Verify
☒ Verify opening and closing tags		
☒ Correct opening and closing tags		Verify
<b>C Text Block -Sequence B - Mandatory fields 3.3.2 P</b>		
<i>Mandatory fields are all present and correct on the sequence B</i>		
Precondition		
☒ SWIFT message from the Clearing System		Verify
☒ Verify that Mandatory fields are all present and correct on the sequence B		
☒ Mandatory fields are all present and correct in the sequence		Verify
<b>C Text Block -Sequence B - Negative Test 3.3.2 N</b>		
<i>Error message in case of incorrect Sequence B</i>		
Precondition		
☒ SWIFT message from the Clearing System with an error on sequence		Verify
☒ Verify that if Sequence B is not correct system returns an error message		
☒ Error message from Clearing System		Verify
<b>C Text Block -Sequence B1 3.3.2 P</b>		
<i>Optional Sequence B1 is part of the SWIFT message (ISO 15022 Text Block) Repeated for each unique ISIN of Settled Positions</i>		
Precondition		
☒ SWIFT message from the Clearing System		Verify

 Verify that optional Sequence B1 is part of the SWIFT message and it's repeated for each unique ISIN of Settled Positions		
 Sequence B1 is part of the ISO 15022 Text Block and it's repeated for each unique ISIN of Settled Positions.		Verify

### Text Block -Sequence B1 - Opening and ending tags 3.3.2 P

*Sequence B1 begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Sequence B1 - Mandatory fields 3.3.2 P

*Mandatory fields are all present and correct on the sequence B1*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence B1		
 Mandatory fields are all present and correct in the sequence		Verify

### Text Block -Sequence B1 - Negative Test 3.3.2 N

*Error message in case of incorrect Sequence B1*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence B1 is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Subsequence B1a - Opening and ending tags 3.3.2 P

*Subsequence B1a begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Subsequence B1a1 3.3.2 P

*Ripetitive Mandatory Subsequence B1a1 is part of the SWIFT message (ISO 15022 Text Block)  
Repeated for each Settled position with the Instrument of the Fin Sequence (35B) above*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Subsequence B1a1 is part of the SWIFT message and it's repeated for each Settled position with the Instrument of the Fin Sequence (35B) above		

 Subsequence B1a1 is part of the ISO 15022 Text Block and it's repeated for each Settled position with the Instrument of the Fin Sequence (35B) above		Verify
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 Text Block -Subsequence B1a1 - Opening and ending tags 3.3.2 P		
<i>Subsequence B1a1 begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

 Text Block -Subsequence B1a1 - Mandatory fields 3.3.2 P		
<i>Mandatory fields are all present and correct on the Subsequence B1a1</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence B1a		
 Mandatory fields are all present and correct in the sequence		Verify

 Text Block -Subsequence B1a1 - Negative Test 3.3.2 N		
<i>Error message in case of incorrect Subsequence B1a1</i>		
 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Subsequence B1a1 is not correct system returns an error message		
 Error message from Clearing System		Verify

 Text Block -Subsequence B1a1 - optional fields 3.3.2 P		
<i>Optional fields in subsection B1a1</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check if optional values are populated in case of corporate action		
 Optional values have different values depending on the instruction		Verify

 Text Block -Subsequence B1a2 3.3.2 P		
<i>Ripetitive Optional Subsequence B1a2 is part of the SWIFT message (ISO 15022 Text Block)</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Optional Subsequence B1a2 is part of the SWIFT message		
 Optional Subsequence B1a2 is part of the ISO 15022 Text Block		Verify

 Text Block -Subsequence B1a2 - Opening and ending tags 3.3.2 P		
<i>Subsequence B1a2 begins with opening tag 16R and ends with tag 16S</i>		

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Subsequence B1a2 - Mandatory fields 3.3.2 P

*Mandatory fields are all present and correct on the Subsequence B1a2*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the Subsequence B1a2		

### Text Block -Subsequence B1a2 - Negative Test 3.3.2 N

*Error message in case of incorrect Subsequence B1a2*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Subsequence B1a2 is not correct system returns an error message		

### Text Block -Subsequence B1a2A 3.3.2 P

*Ripetitive Optional Subsequence B1a2A is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Optional Subsequence B1a2 is a part of the SWIFT message		

### Text Block -Subsequence B1a2A - Opening and ending tags 3.3.2 P

*Subsequence B1a2A begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		

### Text Block -Subsequence B1a2A - Mandatory fields 3.3.2 P

*Mandatory fields are all present and correct on the Subsequence B1a2A*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the Subsequence B1a2A		

<b>C Text Block -Subsequence B1a2A - Negative Test 3.3.2 N</b>		
<i>Error message in case of incorrect Subsequence B1a2A</i>		
Precondition		
☒ SWIFT message from the Clearing System with an error on sequence		Verify
☒ Verify that if Subsequence B1a2A is not correct system returns an error message		
☒ Error message from Clearing System		Verify
<b>C Text Block -Sequence C - Additional Information 3.3.2 P</b>		
<i>Mandatory Sequence C is part of the SWIFT message (ISO 15022 Text Block)</i>		
Precondition		
☒ SWIFT message from the Clearing System		Verify
☒ Verify that mandatory Sequence C is part of the SWIFT message		
☒ Sequence C is part of the ISO 15022 Text Block.		Verify
<b>C Text Block -Sequence C - Opening and ending tags 3.3.2 P</b>		
<i>Sequence C begins with opening tag 16R and ends with tag 16S</i>		
Precondition		
☒ SWIFT message from the Clearing System		Verify
☒ Verify opening and closing tags		
☒ Correct opening and closing tags		Verify
<b>C Text Block -Sequence C - Mandatory fields 3.3.2 P</b>		
<i>Mandatory fields are all present and correct on the sequence C</i>		
Precondition		
☒ SWIFT message from the Clearing System		Verify
☒ Verify that Mandatory fields are all present and correct on the sequence C		
☒ Mandatory fields are all present and correct in the sequence		Verify
<b>C Text Block -Sequence C - Negative Test 3.3.2 N</b>		
<i>Error message in case of incorrect Sequence C</i>		
Precondition		
☒ SWIFT message from the Clearing System with an error on sequence		Verify
☒ Verify that if Sequence C is not correct system returns an error message		
☒ Error message from Clearing System		Verify
<b>C Basic Header Block 3.1.1 P</b>		
<i>Correct format of Basic Header Block</i>		
Precondition		
☒ SWIFT message from the Clearing System		Verify

 Check that header block is fixed-length and continuous with no field delimiters. Example {1: F 01 CAAHATWWAXXX 0001 001981}		
 Header Block well formatted		Verify

C Basic Header Block 3.1.1 N		
<i>Bad format of Basic Header Block - Error message</i>		
 Precondition		
 SWIFT message produced with a Basic Header Block Incorrect		Verify
 The basic header block is Incorrect		
 Incorrect Basic Header Block produce an error message		Verify

C Application Header Block 3.1.2 P		
<i>Correct format of Application Header Block</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that header block is fixed-length and continuous with no field delimiters. Example {2: I 536 BANKBEBBXXXX N}		
 Header Block well formatted		Verify

C Application Header Block 3.1.2 N		
<i>Bad format of Application Header Block - Error message</i>		
 Precondition		
 SWIFT message produced with a Application Header Block Incorrect		Verify
 The Application header block is Incorrect		
 Incorrect Application Header Block produce an error message		Verify

C User Header Block 3.1.3 P		
<i>User Header Block not populated</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that User Header Block is not populated for these ISO messages		
 User Header Block not populated		Verify

C Trailer Block 3.1.5 P		
<i>Correct format of Trailer Block</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that Trailer Block is fixed-length and continuous with no field delimiters. Example {5: {MAC:12345678} {CHK:123456789ABC} }		
 Trailer Block well formatted		Verify

 Standard Message Block 3.1 P		
<i>Correct format of Standard Message Block</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that ISO 15022 messages respect the rules in attach		
 Standard message block structure correct		Verify

 Text Block -Sequence A 3.3.3 P		
<i>Mandatory Sequence A is part of the SWIFT message (ISO 15022 Text Block)</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence A is part of the SWIFT message		
 Sequence A is part of the ISO 15022 Text Block		Verify

 Text Block -Sequence A - Opening and ending tags 3.3.3 P		
<i>Sequence A begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

 Text Block -Sequence A - Mandatory fields 3.3.3 P		
<i>Mandatory fields are all present and correct on the sequence A</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence A		
 Mandatory fields are all present and correct in the sequence		Verify

 Text Block -Sequence A - Negative Test 3.3.3 N		
<i>Error message in case of incorrect Sequence A</i>		
 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence A is not correct system returns an error message		
 Error message from Clearing System		Verify

 Text Block - Optional Sequence B 3.3.3 P		
<i>Optional Sequence B is part of the SWIFT message (ISO 15022 Text Block)</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify

 Verify that Optional Sequence B is part of the SWIFT message		
 Sequence B is part of the ISO 15022 Text Block.		Verify

<b>C Text Block -Sequence B - Opening and ending tags 3.3.3 P</b>		
<i>Sequence B begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

<b>C Text Block - Optional Subsequence B1 3.3.3 P</b>		
<i>Repetitive Optional Subsequence B1 Financial Instrument is Repeated for each unique ISIN of the Trades</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Repetitive Optional Subsequence B1 Financial Instrument is Repeated for each unique ISIN of the Trades		
 Repetitive Optional Subsequence B1 Financial Instrument is Repeated for each unique ISIN of the Trades		Verify

<b>C Text Block -Subsequence B1 - Opening and ending tags 3.3.3 P</b>		
<i>Subsequence B1 begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

<b>C Text Block -Subsequence B1 - Mandatory fields 3.3.3 P</b>		
<i>Mandatory fields are all present and correct on the Subsequence B1</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the Subsequence B1		
 Mandatory fields are all present and correct in the sequence		Verify

<b>C Text Block -Subsequence B1 - Negative Test 3.3.3 N</b>		
<i>Error message in case of incorrect Subsequence B1</i>		
 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Subsequence B1 is not correct system returns an error message		
 Error message from Clearing System		Verify

<b>C Text Block -Subsequence B1a 3.3.3 P</b>		
<i>Mandatory Subsequence B1a is part of the SWIFT message (ISO 15022 Text Block) Repeated for each unique ISIN of Settled Positions</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Subsequence B1a is part of the SWIFT message and it's repeated for each unique ISIN of Settled Positions		
 Subsequence B1a is part of the ISO 15022 Text Block and it's repeated for each unique ISIN of Settled Positions.		Verify
<b>C Text Block -Subsequence B1a - Opening and ending tags 3.3.3 P</b>		
<i>Subsequence B1a begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify
<b>C Text Block -Subsequence B1a1 3.3.3 P</b>		
<i>Mandatory Subsequence B1a1 is part of the SWIFT message (ISO 15022 Text Block) Repeated for each unique ISIN of Settled Positions</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Subsequence B1a1 is part of the SWIFT message and it's repeated for each unique ISIN of Settled Positions		
 Subsequence B1a1 is part of the ISO 15022 Text Block and it's repeated for each unique ISIN of Settled Positions.		Verify
<b>C Text Block -Subsequence B1a1 - Opening and ending tags 3.3.3 P</b>		
<i>Subsequence B1a1 begins with opening tag 16R and ends with tag 16S</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify
<b>C Text Block -Subsequence B1a1 - Mandatory fields 3.3.3 P</b>		
<i>Mandatory fields are all present and correct on the Subsequence B1a1</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the Subsequence B1a1		
 Mandatory fields are all present and correct in the sequence		Verify
<b>C Text Block -Subsequence B1a1 - Negative Test 3.3.3 N</b>		
<i>Error message in case of incorrect Subsequence B1a1</i>		

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Subsequence B1a1 is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Subsequence B1a2 3.3.3 P

*Mandatory Subsequence B1a2 is part of the SWIFT message (ISO 15022 Text Block)  
Repeated for each unique ISIN of Settled Positions*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Subsequence B1a2 is part of the SWIFT message and it's repeated for each unique ISIN of Settled Positions		
 Subsequence B1a2 is part of the ISO 15022 Text Block and it's repeated for each unique ISIN of Settled Positions.		Verify

### Text Block -Subsequence B1a2 - Opening and ending tags 3.3.3 P

*Subsequence B1a2 begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Subsequence B1a2 - Mandatory fields 3.3.3 P

*Mandatory fields are all present and correct on the Subsequence B1a2*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the Subsequence B1a2		
 Mandatory fields are all present and correct in the sequence		Verify

### Text Block -Subsequence B1a2 - Negative Test 3.3.3 N

*Error message in case of incorrect Subsequence B1a2*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Subsequence B1a2 is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Subsequence B1a2A 3.3.3 P

*Mandatory Subsequence B1a2A is part of the SWIFT message (ISO 15022 Text Block)  
Repeated for each unique ISIN of Settled Positions*

 Precondition		
 SWIFT message from the Clearing System		Verify

 Verify that mandatory Subsequence B1a2A is part of the SWIFT message and it's repeated for each unique ISIN of Settled Positions		
 Subsequence B1a2A is part of the ISO 15022 Text Block and it's repeated for each unique ISIN of Settled Positions.		Verify

### Text Block -Subsequence B1a2A - Opening and ending tags 3.3.3 P

*Subsequence B1a2A begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Subsequence B1a2A - Mandatory fields 3.3.3 P

*Mandatory fields are all present and correct on the Subsequence B1a2A*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the Subsequence B1a2A		
 Mandatory fields are all present and correct in the sequence		Verify

### Text Block -Subsequence B1a2A - Negative Test 3.3.3 N

*Error message in case of incorrect Subsequence B1a2A*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Subsequence B1a2A is not correct system returns an error message		
 Error message from Clearing System		Verify

### Text Block -Sequence C - Additional Information 3.3.3 P

*Mandatory Sequence C is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence C is part of the SWIFT message		
 Sequence C is part of the ISO 15022 Text Block.		Verify

### Text Block -Sequence C - Opening and ending tags 3.3.3 P

*Sequence C begins with opening tag 16R and ends with tag 16S*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify opening and closing tags		
 Correct opening and closing tags		Verify

### Text Block -Sequence C - Mandatory fields 3.3.3 P

*Mandatory fields are all present and correct on the sequence C*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present and correct on the sequence C		
 Mandatory fields are all present and correct in the sequence		Verify

### Text Block -Sequence C - Negative Test 3.3.3 N

*Error message in case of incorrect Sequence C*

 Precondition		
 SWIFT message from the Clearing System with an error on sequence		Verify
 Verify that if Sequence C is not correct system returns an error message		
 Error message from Clearing System		Verify

### Basic Header Block 3.1.1 P

*Correct format of Basic Header Block*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that header block is fixed-length and continuous with no field delimiters. Example {1: F 01 CAAHATWWAXXX 0001 001981}		
 Header Block well formatted		Verify

### Basic Header Block 3.1.1 N

*Bad format of Basic Header Block - Error message*

 Precondition		
 SWIFT message produced with a Basic Header Block Incorrect		Verify
 The basic header block is Incorrect		
 Incorrect Basic Header Block produce an error message		Verify

### Application Header Block 3.1.2 P

*Correct format of Application Header Block*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that header block is fixed-length and continuous with no field delimiters. Example {2: I 536 BANKBEBBXXXX N}		
 Header Block well formatted		Verify

### Application Header Block 3.1.2 N

*Bad format of Application Header Block - Error message*

 Precondition		
 SWIFT message produced with a Application Header Block Incorrect		Verify
 The Application header block is Incorrect		

 Incorrect Application Header Block produce an error message		Verify
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### C User Header Block 3.1.3 P

*User Header Block not populated*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that User Header Block is not populated for these ISO messages		
 User Header Block not populated		Verify

### C Trailer Block 3.1.5 P

*Correct format of Trailer Block*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that Trailer Block is fixed-length and continuous with no field delimiters. Example {5: {MAC:12345678} {CHK:123456789ABC} }		
 Trailer Block well formatted		Verify

### C Standard Message Block 2.1 P

*Correct format of Standard Message Block*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that ISO 15022 messages respect the rules in attach		
 Standard message block structure correct		Verify

### C Text Block -Sequence A 2.3.1 P

*Mandatory Sequence A is part of the SWIFT message (ISO 15022 Text Block)*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that mandatory Sequence A is part of the SWIFT message		
 Sequence A is part of the ISO 15022 Text Block		Verify

### C Text Block - Mandatory fields 2.3.1 P

*Mandatory fields are all present*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Mandatory fields are all present		
 Mandatory fields are all present		Verify

### C Text Block - Negative Test 2.3.1 N

*Error message in case of incorrect Text Block*

 Precondition		
---	--	--

 SWIFT message from the Clearing System		Verify
 Verify that if Text Block is not correct system returns an error message		
 Error message from Clearing System		Verify

### C Basic Header Block 2.1.1 P

*Correct format of Basic Header Block*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that header block is fixed-length and continuous with no field delimiters. Example {1: F 01 CAAHATWWAXXX 0001 001981}		
 Header Block well formatted		Verify

### C Basic Header Block 2.1.1 N

*Bad format of Basic Header Block - Error message*

 Precondition		
 SWIFT message produced with a Basic Header Block Incorrect		Verify
 The basic header block is Incorrect		
 Incorrect Basic Header Block produce an error message		Verify

### C Application Header Block 2.1.2 P

*Correct format of Application Header Block*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that header block is fixed-length and continuous with no field delimiters. Example {2: I 202 BKAUATWWXXXX N}		
 Header Block well formatted		Verify

### C Application Header Block 2.1.2 N

*Bad format of Application Header Block - Error message*

 Precondition		
 SWIFT message produced with a Application Header Block Incorrect		Verify
 The Application header block is Incorrect		
 Incorrect Application Header Block produce an error message		Verify

### C User Header Block 2.1.3 P

*User Header Block not populated*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Check that User Header Block is not populated for these ISO messages		
 User Header Block not populated		Verify

C Trailer Block 2.1.5 P		
<i>Trailer Block not populated</i>		
Precondition		
X SWIFT message from the Clearing System		Verify
T Check that Trailer Block is not populated for these ISO messages		
XV Trailer Block not populated		Verify
C Risposta iso Remade		
Risposta iso		
TBox Set Buffer		
NLinea	1	Input
Random	{RANDOMREGEX["^A-Z][0-9]{12}\$"]}	Input
NLoop	1	Input
Filecontent		Input
AllContent		Input
GetRowCounts&Buffer		
TBox DB Expert module-totRowNum		
Open Connection	{NULL}	Select
Connection name	myconn	Input
DSN	SwiftFile	Input
Connection string	"Driver={Microsoft Text Driver (*.txt; *.csv)};Dbq=C:\temp\;Extensions=asc,csv,t ab,txt;"	Input
Driver	Generic ODBC	Input
SQL Statement	SELECT * FROM [Esempio541.txt]	Input
Result Table	totRowCount	Buffer
Close connection	True	Input
TBox DB Expert module-totMessages		
Open Connection	{NULL}	Select
Connection name	myconn	Input
DSN	SwiftFile	Input
Connection string	"Driver={Microsoft Text Driver (*.txt; *.csv)};Dbq=C:\temp\;Extensions=asc,csv,t ab,txt;"	Input
Driver	Generic ODBC	Input
SQL Statement	SELECT * FROM [Esempio541.txt] WHERE MESSAGE LIKE ("{1:%"	Input
Result Table	totMessages	Buffer
Close connection	True	Input
TBox Set Buffer-RowNum		
rowNum	2	Input
totRowCount	{MATH[{B[totRowCount]}-1]}	Input
totMessages	{MATH[{B[totMessages]}-1]}	Input
TBox DB Open Connection		
Connection name	myConn	Input

■ DSN	SwiftFile	Input
■ LoopReadRecords		
⌚ TBox Set Buffer		
■ NLinea	1	Input
■ Timestamp	{DATETIME}	Input
⌚ TBox Set Buffer-updaterownum		
■ rowNum	{MATH[{B[rowNum]}+1]}	Input
⌚ TBox Set Buffer		
■ NLoop	1	Input
■ totMessages	{MATH[{B[totMessages]}-1]}	Input
⌚ TBox Set Buffer_1		
■ AllContent	{b[content{b[NLoop]}]}	Input
■ WriteRecordsinbuffer		
⌚ TBox Set Buffer_1		
■ NLoop	{CALC[{b[NLoop]}+1]}	Input
■ AllContent	{b[AllContent]}\n{b[content{b[NLoop]}]}	Input
⌚ TBox DB Close Connection		
■ Connection name	myConn	Input
⌚ TC String Operations		
▣ Value	{b[AllContent]}	Input
▣ Operation	Replace,Global	Input
▣ Pattern	£	Input
▣ ReplaceBy	{	Input
▣ Result	AllContent	Input
⌚ TC String Operations		
▣ Value	{b[AllContent]}	Input
▣ Operation	Replace,Global	Input
▣ Pattern	!	Input
▣ ReplaceBy	}	Input
▣ Result	AllContent	Input
⌚ TextStream Open		
▣ ID	prova	Input
⌚ TextStream Load		
▣ SourceType	File	Input
▣ SourceDetail	C:\temp\Esempio_out_545.txt	Input
▣ LoadMode	Replace	Input
⌚ TXT		
▣ FirstName	{b[AllContent]}	Input
⌚ TxtStream Save		
▣ DestinationType	File	Input
▣ DestinationDetail	C:\temp\Esempio_out_545.txt	Input
⌚ TextStream Close		
▣ ID	prova	Input

## Close Browser

### Login

 OpenUrl		
 Url	https://10.178.25.6/	Input
 Select Environment		
 ITE2 - Internal Test Environment 2	{Click}	Input
 Login Credentials		
 Username	{CP[UsernameWICS]}	Input
 Password	{Click}	Input
 Password	{CP[PasswordWICS]}	Input
 Submit	{Click}	Input

### Go To Participant

 Click on Menu		
 MENU	{Click}	Input
 TT AUSTRIA -		
 Search...	Participant	Input
 TBox Wait		
 Duration	1000	Input
 TBox Send Keys		
 Caption	TT*	Input
 Keys	"{DEL}"	Input
 TBox Wait		
 Duration	1000	Input
 TBox Send Keys		
 Caption	TT*	Input
 Keys	"{DOWN}"	Input
 TBox Wait		
 Duration	1000	Input
 TBox Send Keys		
 Caption	TT*	Input
 Keys	"{DOWN}"	Input
 TBox Wait		
 Duration	1000	Input
 TBox Send Keys		
 Caption	TT*	Input
 Keys	"{DOWN}"	Input
 TBox Wait		
 Duration	1000	Input
 TBox Send Keys		
 Caption	TT*	Input
 Keys	"{ENTER}"	Input
 TBox Wait		

<input type="checkbox"/> Duration	500	Input
<b>C Add Participant</b>		
<input type="checkbox"/> Click Add		
<input type="checkbox"/> Add	{Click}	Input
<input type="checkbox"/> Compile participant anagraphic		
<input type="checkbox"/> PARTICIPANT CODE:	{CP[MemberCodeWICS]}	Input
<input type="checkbox"/> PARTICIPANT MNEMONIC :	AAA	Input
<input type="checkbox"/> PARTICIPANT NAME :	TEST PARTECIPANTE AUTOMATICO	Input
<input type="checkbox"/> PARTICIPANT TYPE :	CCP	Input
<input type="checkbox"/> BIC SETTLEMENT HEAD :	ABCDEFGHILM	Input
<input type="checkbox"/> BIC SETTLEMENT BODY :	ABCDEFGHILM	Input
<input type="checkbox"/> BIC PAYMENT HEAD :	ABCDEFGHILM	Input
<input type="checkbox"/> BIC PAYMENT BODY :	ABCDEFGHILM	Input
<input type="checkbox"/> BIC REPORTING HEAD :	ABCDEFGHILM	Input
<input type="checkbox"/> BIC REPORTING BODY :	ABCDEFGHILM	Input
<input type="checkbox"/> MARGIN ADD-IN % :	0,000	Input
<input type="checkbox"/> Activate Settlement:	ACTIVE	Input
<input type="checkbox"/> Activate Payment Messages:	DEACTIVE	Input
<input type="checkbox"/> Activate Swift Reporting:	DEACTIVE	Input
<input type="checkbox"/> INPUT	{Click}	Input
<input type="checkbox"/> Wait 1 sec		
<input type="checkbox"/> Duration	1000	Input
<input type="checkbox"/> Click Down arrow		
<input type="checkbox"/> Caption	TT*	Input
<input type="checkbox"/> Keys	"{DOWN}"	Input
<input type="checkbox"/> Wait 1 sec		
<input type="checkbox"/> Duration	1000	Input
<input type="checkbox"/> Click Down arrow		
<input type="checkbox"/> Caption	TT*	Input
<input type="checkbox"/> Keys	"{DOWN}"	Input
<input type="checkbox"/> Wait 0,5 sec		
<input type="checkbox"/> Duration	500	Input
<input type="checkbox"/> Click Enter		
<input type="checkbox"/> Caption	TT*	Input
<input type="checkbox"/> Keys	"{ENTER}"	Input
<input type="checkbox"/> Wait 0.5 sec		
<input type="checkbox"/> Duration	500	Input
<input type="checkbox"/> AddParticipant		
<input type="checkbox"/> Add	{Click}	Input
<input type="checkbox"/> Remove filter		
<input type="checkbox"/> CODE-1011	{Click}	Input
<input type="checkbox"/> wait 10 sec		
<input type="checkbox"/> Duration	10000	Input

C Export List of Participant to Csv		
Click on ;		
;	{Click}	Input
Click on export csv		
Export to Csv	{Click}	Input
Save excel		
ComboBox	Microsoft Excel 2010 (default)	Input
Save	{Click}	Input
OK	{Click}	Input
Microsoft Excel - 92670222CPAMBR01V_20190605_09_51_IT [Read-Only]		
File Tab	True	Verify
TBox Start Program		
Path	taskkill	Input
Arguments	{NULL}	Select
Argument	/f	Input
Argument	/im	Input
Argument	EXCEL.EXE	Input

C Filter and Display Participant		
Filter partecipante		
filtervalue	{CP[MemberCodeWICS]}	Input
+	{Click}	Input
Remove filter		
CODE-1011	True	Verify
Display record		
View this record	{Click}	Input
If open , click on return		
PARTICIPANT TYPE :	True	Verify
Return	{Click}	Input

C Modify Participant		
Click change record		
Change this record	{Click}	Input
Change participant		
PARTICIPANT NAME :	TEST MODIFICATO AUTOMATICO	Input
Change	{Click}	Input
Remove filter		
CODE-1011	{Click}	Input

C Go to Collateral and Add New		
General Menu		
Collateral	{Click}	Input
Click add		

<input type="checkbox"/> Add	{Click}	Input
<input checked="" type="checkbox"/> Compile collateral		
<input type="checkbox"/> Collateral Account ID :	CO-{CP[MemberCodeWICS]}-1	Input
<input type="checkbox"/> ACCOUNT DESCRIPTION :	{CP[ParticipantNameWICS]}	Input
<input type="checkbox"/> <no Module Attribute associated>	{CLICK}	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	750	Input
<input checked="" type="checkbox"/> Insert 1011		
<input type="checkbox"/> Caption	TT*	Input
<input type="checkbox"/> Keys	1011	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input checked="" type="checkbox"/> TBox Send Keys		
<input type="checkbox"/> Caption	TT*	Input
<input type="checkbox"/> Keys	"{ENTER}"	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input checked="" type="checkbox"/> Click add		
<input type="checkbox"/> CURRENCY :	EUR - EURO	Input
<input type="checkbox"/> Add	{Click}	Input
<input checked="" type="checkbox"/> Click on change button		
<input type="checkbox"/> Change this record	{Click}	Input
<input checked="" type="checkbox"/> Confirm change		
<input type="checkbox"/> ACCOUNT DESCRIPTION :	{CP[NewParticipantNameWICS]}	Input
<input type="checkbox"/> Change	{Click}	Input
<input checked="" type="checkbox"/> Remove filter		
<input type="checkbox"/> COLLATERAL ACCOUNT ID-CO-1011-1	{Click}	Input

#### Go to Default Fund and Add New

<input checked="" type="checkbox"/> General Menu		
<input type="checkbox"/> Default Fund Participant	{Click}	Input
<input checked="" type="checkbox"/> add DF		
<input type="checkbox"/> Add	{Click}	Input
<input checked="" type="checkbox"/> Compile fields		
<input type="checkbox"/> DF PARTICIPANT ACCOUNT ID :	CO-{CP[MemberCodeWICS]}-2	Input
<input type="checkbox"/> SPAN	{CLICK}	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	1000	Input
<input checked="" type="checkbox"/> TBox Send Keys		
<input type="checkbox"/> Caption	TT*	Input
<input type="checkbox"/> Keys	CPP	Input
<input checked="" type="checkbox"/> TBox Wait		
<input type="checkbox"/> Duration	500	Input
<input checked="" type="checkbox"/> TBox Send Keys		

■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - Default Fund Participant		
■ 0	{CLICK}	Input
⌚ TBox Wait		
■ Duration	750	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	1011	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Click on add		
■ ACCOUNT DESCRIPTION :	{CP[ParticipantNameWICS]}	Input
■ MINIMUM CONTRIBUTION :	1000,00	Input
■ Add	{Click}	Input
⌚ Remove filter		
■ DF PARTICIPANT ACCOUNT -CO-1011-2	{Click}	Input

### ⌚ Go to Settlement and Add New

⌚ General Menu		
■ Settlement	{Click}	Input
⌚ Click on add		
■ Add	{Click}	Input
⌚ Compile settlement		
■ SETTLEMENT ACCOUNT ID :	SA-{CP[MemberCodeWICS]}	Input
■ DESCRIPTION :	TEST FABRIZIO AUTOMATICO	Input
■ SAC	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	1011	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input

⌚ TT AUSTRIA - Settlement		
■ CCP	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	2400	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TT AUSTRIA - Settlement		
■ CSD	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	1221	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Click on add		
■ CASH ACCOUNT ID :	ABCDEFGHI	Input
■ SECURITY DEPOSIT ID :	OCSD{CP[MemberCodeWICS]}	Input
■ Add	{Click}	Input
⌚ Remove filter		
■ SETTLEMENT ACCOUNT ID-SA-1011	{Click}	Input

### ⌚ Go to Position and Add New

⌚ General Menu		
■ Position	{Click}	Input
⌚ Click on add		
■ Add	{Click}	Input
⌚ Compile fields		
■ POSITION ACCOUNT ID :	5015	Input
■ MARKET CODE :	- 03 - XVIE - AUSTRIA	Input
■ ACCOUNT CATEGORY :	HOUSE	Input

■ ACCOUNT DESCRIPTION :	TEST FABRIZIO AUTOMATICO (H)	Input
■ MARGIN GROUP :	5015	Input
■ <no Module Attribute associated>	GCM General Clearing Member	Input
⌚ TT AUSTRIA - General Menu		
■ Position	{Click}	Input
⌚ TT AUSTRIA - Position		
■ participant code	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	1011	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - Position		
■ CM ownership	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	1011	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ Click on add		
■ Add	{Click}	Input
⌚ TT AUSTRIA - Position_H_control		
■ CPAAPAC010_grid	{NULL}	Select
■ \$4	{NULL}	Select
■ \$1	H	Verify
⌚ TT AUSTRIA - Position_H cancellation		
■ CPAAPAC010_grid	{NULL}	Select
■ Delete this record	{Click}	Input
⌚ TT AUSTRIA - Position Delete		
■ Delete	{Click}	Input
⌚ TT AUSTRIA - Return to main position menu		
■ POSITION ACCOUNT ID-5015	{Click}	Input
⌚ TT AUSTRIA - Add position		
■ Add	{Click}	Input

⌚ TT AUSTRIA - Position		
■ POSITION ACCOUNT ID :	2008	Input
■ MARKET CODE :	- 03 - XVIE - AUSTRIA	Input
■ ACCOUNT CATEGORY :	CLIENT	Input
■ ACCOUNT DESCRIPTION :	TEST FABRIZIO AUTOMATICO (C)	Input
■ MARGIN GROUP :	2008	Input
■ <no Module Attribute associated>	GCM General Clearing Member	Input
⌚ TT AUSTRIA - Position		
■ participant code	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	1011	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - Position		
■ CM ownership	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	1011	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TT AUSTRIA - Position		
■ Add	{Click}	Input
⌚ TT AUSTRIA - Position_C_control		
■ CPAAPAC010_grid	{NULL}	Select
■ \$4	{NULL}	Select
■ \$1	C	Verify
⌚ TT AUSTRIA - Position_C_cancellation		
■ CPAAPAC010_grid	{NULL}	Select
■ Delete this record	{Click}	Input
⌚ TT AUSTRIA - Position Delete		
■ Delete	{Click}	Input
⌚ TT AUSTRIA - Return to main position menu		
■ POSITION ACCOUNT ID-5015	{Click}	Input

C Export Foreign Exchange Rate		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA -		
■ Search...	Foreign Exchange	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{DEL}"	Input
⌚ TBox Wait		
■ Duration	2000	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{DOWN}"	Input
⌚ TBox Wait		
■ Duration	2000	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	2000	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TT AUSTRIA - ParticipantPage		
■ ;	{Click}	Input
⌚ Foreign Exchange Rates export to cvs		
■ Export to Csv	{Click}	Input
⌚ Apertura di 92670222CPAMBR01V_20190605_09_51_IT.csv		
■ ComboBox	Microsoft Excel (predefinita)	Input
■ Save	{Click}	Input
■ OK	{Click}	Input
⌚ Microsoft Excel - 92670222CPAMBR01V_20190605_09_51_IT [Read-Only]		
■ File Tab	True	Verify
⌚ TBox Start Program		
■ Path	taskkill	Input
■ Arguments	{NULL}	Select
■ Argument	/f	Input

■ Argument	/im	Input
■ Argument	EXCEL.EXE	Input

### ⌚ Export Financial Instruments

⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA -		
■ Search...	financial instruments	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{DEL}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{DOWN}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TT AUSTRIA - ParticipantPage		
■ ;	{Click}	Input
⌚ Financial Instruments export		
■ Export to Csv	{Click}	Input
⌚ Apertura di 92670222CPAMBR01V_20190605_09_51_IT.csv		
■ OK	{Click}	Input
■ Save	{Click}	Input
■ OK	{Click}	Input

### ⌚ Add Trade and Check

⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA -		
■ Search...	Trade	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{DEL}"	Input

⌚ TBox Wait		
█ Duration	500	Input
⌚ TBox Send Keys		
█ Caption	TT*	Input
█ Keys	"{DOWN}"	Input
⌚ TBox Wait		
█ Duration	500	Input
⌚ TBox Send Keys		
█ Caption	TT*	Input
█ Keys	"{DOWN}"	Input
⌚ TBox Wait		
█ Duration	500	Input
⌚ TBox Send Keys		
█ Caption	TT*	Input
█ Keys	"{ENTER}"	Input
⌚ TBox Wait		
█ Duration	500	Input
⌚ TT AUSTRIA - Trade		
█ Add	{Click}	Input
⌚ Trade_parts		
█ Exchange Id :	EAE	Input
█ Trade generation date :	{DATE[][],[yyyyMMdd]}	Input
█ Trade generation time :	070000	Input
█ Denomination currency code :	EUR	Input
█ Trade quantity :	100,000	Input
█ Trade price :	10.000,000	Input
█ Settlement amount :	100,00	Input
█ Settlement currency code :	EUR	Input
█ Settlement date :	{DATE[],[+3w],[yyyyMMdd]}	Input
█ Instrument subtype :	POI	Input
█ Issuer :	0000	Input
█ Coupon :	10	Input
█ Maturity date :	29990101	Input
█ Rate of interest :	12,000	Input
█ Buy quantity :	200,000	Input
█ Sell quantity :	200,000	Input
⌚ Trade_parts_isin		
█ ISIN	{CLICK}	Input
⌚ TBox Wait		
█ Duration	500	Input
⌚ TBox Send Keys		
█ Caption	TT*	Input
█ Keys	AUTOMATION01	Input
⌚ TBox Wait		

■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Trade_parts_ACC BUY		
■ Account buy	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	2010	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Trade_parts_ACC BUY MEM		
■ Buy Trading member	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	{CP[AccBuy]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Trade_parts_ACC SELL		
■ Account sell	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	2002	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		

■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{TAB}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	{CP[AccSell]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Trade_parts_ACC SELL MEM		
■ Sell tradin Member	1111	Select
⌚ Add Trade		
■ Add	{Click}	Input
⌚ Wait for the approval		
■ IMG	True	Verify
⌚ Trade filter		
■ Exchange id	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	isin	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input

⌚ Trade filter		
■ filtervalue	ATSK001PREM2	Input
■ +	{Click}	Input
⌚ Modify or delete trade		
■ CPTRANW10_grid	{NULL}	Select
■ Delete this record	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Delete button		
■ Delete	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input

⌚ Transfer Position and Check		
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Filter for isin		
■ FILTER	ISIN	Input
■ filtervalue	{CP[ISIN_WICS]}	Input
■ +	{Click}	Input
⌚ Select all the position on automatio01		
■ on	{CLICK}	Input
⌚ filter for transfer position and liquidate position		
■ Participant code	{CLICK}	Input
■ INPUT	participant	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ filter for transfer position and liquidate position		
■ filtervalue	{CP[AccBuy]}	Input
■ +	{Click}	Input
⌚ TT AUSTRIA - Position Account Items		
■ CPAMGNPW10_grid	{NULL}	Select
■ on	{CLICK}	Input
⌚ Position Account Items		
■ Transfer Position	{Click}	Input
⌚ Position Account Items		
■ Select One Row	{CLICK}	Input
⌚ Search Position Account for transfer		
■ Search bar pos acc	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input

⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	2008	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ Search Position Account for transfer		
■ Add	{Click}	Input
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Position transfer status grid check and execute button		
■ Position Transfer Execute	{Click}	Input
⌚ Confirm position transfer		
■ OK	{Click}	Input
⌚ TBox Wait		
■ Duration	2000	Input
⌚ Transfer complete confirm		
■ SPAN	{CLICK}	Input
⌚ TBox Wait		
■ Duration	25000	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{F5}"	Input
⌚ Position transfer status grid check and execute button		
■ TABLE	{NULL}	Select
■ \$1	{NULL}	Select
■ REQUEST TIME	{CLICK}	Input
■ \$1	{NULL}	Select
■ REQUEST TIME	{CLICK}	Input
⌚ Header Table for Transfer		
■ TABLE	{NULL}	Select
■ \$header	{NULL}	Select
■ EXECUTION TIME	{CLICK}	Input
■ \$header	{NULL}	Select
■ EXECUTION TIME	{CLICK}	Input
⌚ Position Transfer delete record		
■ Delete this record	{Click}	Input
⌚ Delete button		
■ Delete	{Click}	Input
⌚ Check D status		
■ CPAPTRW010_grid	{NULL}	Select

<input type="checkbox"/> \$10	{NULL}	Select
<input type="checkbox"/> \$1	D	Verify
⌚ Position Transfer Status		
<input type="checkbox"/> FILTER	POSITION ACCOUNT RECIEVER	Input
<input type="checkbox"/> filtervalue	2008	Input
<input type="checkbox"/> POSITION ACCOUNT RECIEVER-2008	{Click}	Input
⌚ Click on Menu		
<input type="checkbox"/> MENU	{Click}	Input
⌚ Flag for liquidation		
<input type="checkbox"/> POSITION ID-190507000489	{CLICK}	Input

### C Liquidate Position

⌚ Click on Menu		
<input type="checkbox"/> MENU	{Click}	Input
⌚ Filter for one position		
<input type="checkbox"/> FILTER	ISIN	Input
<input type="checkbox"/> filtervalue	AUTOMATION01	Input
<input type="checkbox"/> +	{Click}	Input
⌚ Select all the position on automatio01		
<input type="checkbox"/> on	{CLICK}	Input
⌚ Flag for liquidation		
<input type="checkbox"/> on	{CLICK}	Input
⌚ Liquidate positions		
<input type="checkbox"/> Liquidate Position	{Click}	Input
⌚ Add Liquidation		
<input type="checkbox"/> Add	{Click}	Input
⌚ Click on Menu		
<input type="checkbox"/> MENU	{Click}	Input
⌚ HEADER Liquidated Position History		
<input type="checkbox"/> header	{NULL}	Select
<input type="checkbox"/> \$header	{NULL}	Select
<input type="checkbox"/> Execution time	{CLICK}	Input
<input type="checkbox"/> \$header	{NULL}	Select
<input type="checkbox"/> Execution time	{CLICK}	Input
⌚ Liquidated Position History grid		
<input type="checkbox"/> CPAPOS LW10_grid	{NULL}	Select
<input type="checkbox"/> \$1	{NULL}	Select
<input type="checkbox"/> \$5	{DATE[::][yyyy-MM-dd]}	Verify
<input type="checkbox"/> \$7	{CP[ISIN_WICS]}	Verify
<input type="checkbox"/> \$2	{NULL}	Select
<input type="checkbox"/> \$5	{DATE[::][yyyy-MM-dd]}	Verify
<input type="checkbox"/> \$7	{CP[ISIN_WICS]}	Verify

### C Add New Trade

 Click on Menu		
 MENU	{Click}	Input
 TT AUSTRIA -		
 Search...	Trade	Input
 TBox Wait		
 Duration	500	Input
 TBox Send Keys		
 Caption	TT*	Input
 Keys	"{DEL}"	Input
 TBox Wait		
 Duration	500	Input
 TBox Send Keys		
 Caption	TT*	Input
 Keys	"{DOWN}"	Input
 TBox Wait		
 Duration	500	Input
 TBox Send Keys		
 Caption	TT*	Input
 Keys	"{DOWN}"	Input
 TBox Wait		
 Duration	500	Input
 TBox Send Keys		
 Caption	TT*	Input
 Keys	"{ENTER}"	Input
 TBox Wait		
 Duration	500	Input
 TT AUSTRIA - Trade		
 Add	{Click}	Input
 Trade_parts		
 Exchange Id :	EAE	Input
 Trade generation date :	{DATE[][],[yyyyMMdd]}	Input
 Trade generation time :	070000	Input
 Denomination currency code :	EUR	Input
 Trade quantity :	100,000	Input
 Trade price :	10.000,000	Input
 Settlement amount :	100,00	Input
 Settlement currency code :	EUR	Input
 Settlement date :	{DATE[],[+3w],[yyyyMMdd]}	Input
 Instrument subtype :	POI	Input
 Issuer :	0000	Input
 Coupon :	10	Input
 Maturity date :	29990101	Input
 Rate of interest :	12,000	Input
 Buy quantity :	400,000	Input

■ Sell quantity :	2000,000	Input
⌚ Trade_parts_isin		
■ ISIN	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	AUTOMATION02	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Trade_parts_ACC BUY		
■ Account buy	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	2010	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Trade_parts_ACC BUY MEM		
■ Buy Trading member	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	{CP[AccBuy]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Trade_parts_ACC SELL		

■ Account sell	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	2002	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{TAB}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	{CP[AccSell]}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Trade_parts_ACC SELL MEM		
■ Sell tradin Member	1111	Select
⌚ Add Trade		
■ Add	{Click}	Input
⌚ Wait for the approval		
■ IMG	True	Verify
⌚ Trade filter		
■ Exchange id	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		

■ Caption	TT*	Input
■ Keys	isin	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Trade filter		
■ filtervalue	ATSK001PREM2	Input
■ +	{Click}	Input
⌚ Modify or delete trade		
■ CPATRANW10_grid	{NULL}	Select
■ Delete this record	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ Delete button		
■ Delete	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input

### ⌚ Delete Trade

⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Trade filter		
■ Exchange id	{CLICK}	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	ISIN	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ Trade filter		
■ filtervalue	AUTOMATION02	Input
■ +	{Click}	Input
⌚ Modify or delete trade		
■ CPATRANW10_grid	{NULL}	Select
■ Delete this record	{Click}	Input
⌚ TBox Wait		

■ Duration	500	Input
⌚ Delete button		
■ Delete	{Click}	Input
⌚ TBox Wait		
■ Duration	500	Input

### ⌚ Margin Call Execute

⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Lateral Menu		
■ Financial Positions	{Click}	Input
⌚ TBox Wait		
■ Duration	1000	Input
⌚ Lateral Menu		
■ Trade	{Click}	Input
⌚ TBox Wait		
■ Duration	1000	Input
⌚ Lateral Menu		
■ Master Files	{Click}	Input
⌚ TBox Wait		
■ Duration	1000	Input
⌚ Click ok intraday margin call		
■ OK	{Click}	Input
⌚ Confirm intraday margin call		
■ Green label	{CLICK}	Input
⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ Lateral Menu		
■ Margin	{Click}	Input
⌚ TBox Wait		
■ Duration	10000	Input
⌚ Lateral Menu		
■ Home	{Click}	Input
⌚ TBox Wait		
■ Duration	2000	Input
⌚ Report margin call		
■ INPUT	MS33 - Margin Call	Input
■ Button	{Click}	Input
■ View	{Click}	Input
⌚ TBox Wait		
■ Duration	10000	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{UP}"	Input

⌚ TBox Wait			
█ Duration	500		Input
⌚ TBox Send Keys			
█ Caption	TT*		Input
█ Keys	"{UP}"		Input
⌚ TBox Wait			
█ Duration	500		Input
⌚ TBox Send Keys			
█ Caption	TT*		Input
█ Keys	"{ENTER}"		Input
⌚ TBox Wait			
█ Duration	7000		Input
⌚ Report MS33 control			
⌚ Report margin call			
█ Export to pdf	{Click}		Input
⌚ TBox Wait			
█ Duration	7000		Input
⌚ TBox Window Operation			
█ Caption	Opening*		Input
█ Operation	Close		Input
⌚ Click on Menu			
█ MENU	{Click}		Input
⌚ Lateral Menu			
█ Home	{Click}		Input
⌚ Click on Menu			
█ MENU	{Click}		Input

### ⌚ Delete Collateral

⌚ Click on Menu			
█ MENU	{Click}		Input
⌚ Lateral Menu			
█ Financial Positions	{Click}		Input
⌚ TBox Wait			
█ Duration	2000		Input
⌚ TT AUSTRIA - Participant			
█ filtervalue	CO-{CP[MemberCodeWICS]}-1		Input
█ +	{Click}		Input
⌚ TT AUSTRIA - Action Collateral			
█ Delete this record	{Click}		Input
⌚ Delete button			
█ Delete	{Click}		Input

### ⌚ Delete DFPParticipant

⌚ Click on Menu			
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■ MENU	{Click}	Input
⌚ Close financial positions		
■ Financial Positions	{Click}	Input
⌚ TBox Wait		
■ Duration	1000	Input
⌚ TT AUSTRIA - Filter		
■ filtervalue	CO-{CP[MemberCodeWICS]}-2	Input
■ +	{Click}	Input
⌚ Default Fund Participant action		
■ Delete this record	{Click}	Input
⌚ Delete button		
■ Delete	{Click}	Input

### ⌚ Delete Settlement

⌚ Click on Menu		
■ MENU	{Click}	Input
⌚ TT AUSTRIA - Filter		
■ filtervalue	SA-{CP[MemberCodeWICS]}	Input
■ +	{Click}	Input
⌚ Settlement action		
■ Delete this record	{Click}	Input
⌚ Delete button		
■ Delete	{Click}	Input

### ⌚ Delete Position

⌚ Position		
■ Position	{Click}	Input
⌚ TT AUSTRIA - Position		
■ ACCOUNT CATEGORY	{CLICK}	Input
⌚ TBox Wait		
■ Duration	1000	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	position account	Input
⌚ TBox Wait		
■ Duration	1000	Input
⌚ TBox Send Keys		
■ Caption	TT*	Input
■ Keys	"{ENTER}"	Input
⌚ TBox Wait		
■ Duration	500	Input
⌚ TT AUSTRIA - Position		
■ filtervalue	2008	Input
■ +	{Click}	Input

 Delete this record	{Click}	Input
 Delete button		
 Delete	{Click}	Input

C Delete Participant		
 Click on Menu		
 MENU	{Click}	Input
 Participant button		
 Participant	{Click}	Input
 TBox Wait		
 Duration	500	Input
 TT AUSTRIA - ParticipantPage		
 filtervalue	1011	Input
 +	{Click}	Input
 TT AUSTRIA - action PARTICIPANT		
 Delete this record	{Click}	Input
 Delete button		
 Delete	{Click}	Input

C Logout and Close Browser		
 User Button		
 User button	{Click}	Input
 TBox Wait		
 Duration	250	Input
 Logoff button		
 Log Out	{Click}	Input
 TBox Window Operation		
 Caption	TT AUSTRIA - Login - Mozilla Firefox	Input
 Operation	Close	Input

C Close Browser		
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C Login		
 OpenUrl		
 Url	{cp[URL_Wics]}	Input
 Select Environment		
 ITE2 - Internal Test Environment 2	X	Input
 Login Credentials		
 Username	{CP[UsernameWICS]}{TAB}	Input
 Password	{CP[PasswordWICS]}	Input
 Submit	X	Input

C Margin Account Items equals To Position Account Items via GUI		
 Close Browser		
 Login		

OpenUrl		
Url	{cp[URL_Wics]}	Input
Select Environment		
ITE2 - Internal Test Environment 2	X	Input
Login Credentials		
Username	{CP[UsernameWICS]}{TAB}	Input
Password	{CP[PasswordWICS]}	Input
Submit	X	Input
Load the 2 tables		
TBox Wait		
Duration	2000	Input
OpenPositionItemUrl		
Url	https://10.178.25.6/ccpatt/CPAMGNPW10.pgm?smurfid=0020ca3491aad871c2036e7fbb12e2d8d46f7460e24a9819c80f8751aa9e58db&rnd=971661&m_cod_menu=&namepgm=Position%20Account%20Items&bread=Financial%20Positions**Position%20Account%20Items	Input
TBox Wait		
Duration	2000	Input
CloseBrowser		
Title	TT AUSTRIA -	Input
TBox Wait		
Duration	2000	Input
OpenMarginItemsUrl		
Url	https://10.178.25.6/ccpatt/MRGVIEWW10.pgm?smurfid=00206c1654658a95dfadbf1825fa873b9f3240aa2819b3996f79c9847dd33c2&rnd=185878&m_cod_menu=&namepgm=Margin%20Account%20Items&bread=Margin**Margin%20Account%20Items	Input
TBox Wait		
Duration	2000	Input
Expand Margin Table		
Set Name first Table		
tabName	Margin Account Items	Input
TableMarginAccount		
SELECT	60	Input
Expand Position Table		
Set Name second Table		
tabName	Position Account Items	Input
TablePositionAccount		
SELECT	60	Input
Set Name first Row		
Counter	1	Input
Cycle		
Read data from MarginAccount		

⌚ Set Name first Table			
■ tabName	Margin Account Items		Input
⌚ TableMarginAccount			
■ CPAMGNPW10_grid	{NULL}		Select
■ \${B[Counter]}	marginAccountRow		Buffer
■ Read data from position Account			
⌚ Set Name second Table			
■ tabName	Position Account Items		Input
⌚ TablePositionAccount			
■ CPAMGNPW10_grid	{NULL}		Select
■ \${B[Counter]}	positionAccountRow		Buffer
■ VERIFICATION STEPS			
■ ID COMPARE			
⌚ CutMarginBuffer			
■ Buffer	marginAccountId		Input
■ Value	{B[MarginAccountRow]}		Input
■ Start	1		Input
■ End	12		Input
⌚ CutPositionBuffer			
■ Buffer	positionAccountId		Input
■ Value	{B[PositionAccountRow]}		Input
■ Start	1		Input
■ End	12		Input
⌚ ID COMPARE			
■ Expression	{B[marginAccountId]}=={B[positionAccountId]}		Verify
■ Unsettled QTY Compare			
⌚ CutMarginBuffer			
■ Buffer	marginAccountId		Input
■ Value	{B[MarginAccountRow]}		Input
■ Start	1		Input
■ End	12		Input
⌚ CutPositionBuffer			
■ Buffer	positionAccountId		Input
■ Value	{B[PositionAccountRow]}		Input
■ Start	1		Input
■ End	12		Input
⌚ ID COMPARE			
■ Expression	{B[marginAccountId]}=={B[positionAccountId]}		Verify
⌚ Increment Counter			
■ Counter	{MATH[1+{B[Counter]}]}		Input
⌚ OffSetAlgorhythm			
⌚ TBox DB Open Connection			

■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ initCounter		
■ Counter	1	Input
■ Checks		
⌚ TBox DB Run SQL Statement		
■ SQL Statement	select * from toscatt.bogavie	Input
■ Result Table	{NULL}	Select
■ #{MATH[{B[Counter]}+1]}	{NULL}	Select
■ #1	move1	Buffer
■ #{MATH[{B[Counter]}+2]}	{NULL}	Select
■ #1	move2	Buffer
■ #{MATH[{B[Counter]}+3]}	{NULL}	Select
■ #1	move3	Buffer
⌚ TBox DB Run SQL Statement		
■ SQL Statement	insert into toscatt.trade_2 (row1, row2, row3) values ('{B[move1]}','{B[move2]}','{B[move3]}')	Input
⌚ Counter++		
■ Counter	{MATH[{B[Counter]}+3]}	Input
⌚ TBox DB Close Connection		
■ Connection name	toscaConnection	Input
⌚ TBox Read/Create File		
■ Directory	{CP[PathSourcesFiles]}	Input
■ File	prova.dat	Input
■ Text	{B[prova]}	Input
■ Overwrite	True	Input

### ⌚ <New TestCase>\_1

■ OpenConnections		
⌚ TBox DB Open Connection		
■ Connection name	toscaConnection	Input
■ DSN	tosca	Input
■ User ID	{CP[UsernameWICS]}	Input
■ Password	***** ***** ***** ***** *****	Input
⌚ initCounter		
■ Counter	1	Input
■ Checks		
■ dBCCPA		

 TBox DB Run SQL Statement		
 SQL Statement	SELECT * from toscatt.fx_refkurs	Input
 Result Table	{NULL}	Select
 #{MATH[{B[Counter]}+1]}	{NULL}	Select
 #1	roba	Buffer
 TBox DB Run SQL Statement		
 SQL Statement	update toscatt.fx_refkurs set counter = {B[Counter]} where header = '{b[roba]}'	Input
 Counter++		
 Counter	{MATH[{B[Counter]}+1]}	Input
 TBox Delete File		
 Directory	{CP[PathCSV]}	Input
 File	{B[NomeCSV]}	Input
 CloseConnection		
 TBox DB Close Connection		
 Connection name	DB_CCPA	Input
 TBox DB Close Connection		
 Connection name	toscaConnection	Input
 TBox DB Open Connection		
 Connection name	toscaConnection	Input
 DSN	tosca	Input
 User ID	{CP[UsernameWICS]}	Input
 Password	***** ***** ***** ***** *****	Input

## odbc

 TBox DB Expert module		
 Open Connection	{NULL}	Select
 Connection string	"Driver={Microsoft Excel Driver (*.xls, .xlsx, *.xlsm, .xlbs)};Dbq=C:\Temp\CCPA\MS20-1001_1 001_1.xls;"	Input
 Driver	Generic ODBC	Input
 SQL Statement	Select * From [test\$]	Input
 Close connection	True	Input

## TBox DB Expert module

 TBox DB Expert module		
 Open Connection	{NULL}	Select
 Connection string	"Driver={Microsoft Excel Driver (*.xls, .xlsx, *.xlsm, .xlbs)};Dbq=C:\Temp\CCPA\MS20-1001_1 001_1.xls;"	Input
 Driver	Generic ODBC	Input
 SQL Statement	Select * From [test\$]	Input
 Close connection	True	Input

<b>C Source Account FN00006492 P</b>		
<i>Select the source account for the Transfer process</i>		
 Precondition		
 1.Select positions not locked for settlement at the moment in which the transfer is initiated. Settlement Lock=F (Unlocked)		Verify
 Select the open positions on the participant accounts (through inquiry)		
 1.Select the open positions on the participant accounts (through inquiry)		Input
 2.Select the position that you need to tranfer		Input
 1.It is possible to view the positions accounts selected by inquiry 2.It is visible the list of targets participants		Verify
<b>C Destination Account FN00006497 P</b>		
<i>Select the Destination Account for the Transfer process. It works only for General Participant (GCM)</i>		
 Precondition		
 1.Destination account should be already present and selectable 2.Destination Account is active 3.The corresponding position of the transferred position (same [ISIN, Market, Currency, ISD]), if exists, must be "not locked" for settlement ([Position Item][Settlement lock]=D') 4.Verify the change of the owner		Verify
 Select of the Destination Account		
 Select of the Destination Account		Input
 It is visible an elaborating message of the process		Verify
<b>C Propagation to Margin Accounts FN00006493 P</b>		
<i>Margin account propagation</i>		
 Precondition		
 Transfer process successful done		Verify
 Rebuild of margin accounts balances. The process is triggered via job Margin Run (rebuild margin account) whe the position account has been modified.		
 Chek the GUI interface for the margin account and Report BCS MS22		Verify
<b>C Propagation to Settlement Accounts FN00006498 P</b>		
<i>Settlement account propagation</i>		
 Precondition		
 1.Transfer process successful done 2.The destination GCM is not suspended from settlement		Verify
 Rebuild of settlement accounts balances. Process to triggere is the Settlement Instracting		
 Chek the GUI interface for the settlement account and Report BCS MP21		Verify

<b>C Mass Position Transfer FN00006499 P</b>		
<i>Massive Tranfer</i>		
 Precondition		
 0.Select positions not locked for settlement at the moment in which the transfer is initiated 1.Destination account should be already present and selectable 2.Destination Account is active 3.The corresponding position of the transferred position (same [IISIN, Market, Currency, ISD]), if exists, must be "not locked" for settlement ([Position Item][Settlement lock]='D') 4.Verify the change of the owner		Verify
 Elaboration of the possibility of a massive tranfer		
 Same checks as reported on single transfer		Verify
<b>C Transfer process FN00006495 P</b>		
<i>Execute the Transfer process</i>		
 The process is starting on demand via call by the Partecipant		
 The process is starting on demand via call by the Partecipant		Input
 1.The system returns an ok message 2.Verify that the processed transfer is into the list of the processed transfers 3.Verify [PositionItem][Source]= "Transfer"		Verify
<b>C Position netting FN00006494 P</b>		
<i>Elaboration and verify of netting functionality</i>		
 Precondition		
 Using two long positions		Verify
 Using one long and one short positions		Verify
 Using two short positions		Verify
 Elaboration and verify of netting functionality between two long positions		
 Check that the result is 2L. Report MP20		Verify
 Elaboration and verify of netting functionality between one long and one short positions		
 Check that the result is 0 netting. Report MP20		Verify
 Elaboration and verify of netting functionality between two short positions		
 Check that the result is 2C. Report MP20		Verify
<b>C Source Account FN00006492 N</b>		
1.Select positions locked for settlement at the moment in which the transfer is initiated		
 Precondition		
 Settlement Lock=L (Locked)		Verify
 Inquiry Position locked that you need to tranfer		
 1.Inquiry Position locked that you need to tranfer		Input

 2.Select Destination Account		Input
 3.Run the Transfer Process		Input
 The Transfer Process avoid the transfer of locked positions.		Verify

### Propagation to Settlement Accounts FN00006498 N

*Settlement account propagation is not correctly performed if the destination GCM is suspended from settlement*

 Precondition		
 destination GCM is suspended from settlement		Verify
 1. Run the Transfer Process with valid position account (source and target). 2.Settlement Instruction is run		
 1. Run the Transfer Process with valid position account (source and target)		Input
 2.Settlement Instruction is run		Input
 1.The Rebuild phase is not able to build the settlement account. 2.Check the System via inquiry and Report MP21		Verify

### Manual Amendment FN00006500 P

*Position attributes can be amended by the CCP operator*

 Precondition		
 [Settlement lock]='F'		Verify
 CCP operaton can amend this attributes: 1.Unsettled Quantity 2.Original Quantity 3.Unsettled Countervalue 4.Original Countervalue 5.Accrued interest 6.Buy-in Status		
 Verify the modified attribute  1.Unsettled Quantity 2.Original Quantity 3.Unsettled Countervalue 4.Original Countervalue 5.Accrued interest 6.Buy-in Status  The change is Real time and is available for the CCP operator via inquiry. AS supervisor the operator can check the new attributes.		Verify

### Position Amendment history FN00006501 P

*Stored amendment history*

 Precondition		
 Manual amendment successful done		Verify
 Check the "position amendment history". The Operator will select the functionality of History and the select the Position under amendment.		
 Verify the existing modified attribute in the history		Verify

<b>C Position editing preconditions FN00006482 N</b>		
<i>Positions can't be edited when locked for settlement: [Settlement lock]='L'</i>		
 Precondition		
 [Settlement lock]='L'		Verify
 Negative test: not respected precondition		
 It's not possible to start the amendment position		Verify
<b>C Position Liquidation activation FN00008383 P</b>		
<i>Single positions can be liquidated activating the corresponding function in the graphical user interface</i>		
 Precondition		
 [Settlement lock]='F'		Verify
 The user liquidate a single position		
 Position Liquidated		Verify
<b>C Position Liquidation history FN00006484 P</b>		
<i>Stored liquidation history</i>		
 Precondition		
 Manual cancellation successful done		Verify
 Check the "position liquidated history" The Operator will select the functionality of History and the select the Position under amendment.		
 Verify the deleted attribute in the history in the GUI interface. Can be also checked via inquiry via GUI.		Verify
<b>C Position liquidation preconditions FN00006487 N</b>		
<i>Positions can't be deleted when locked for settlement: [Settlement lock]='L'</i>		
 Precondition		
 [Settlement lock]='L'		Verify
 Negative test: not respected precondition		
 It's not possible to delete the position		Verify
<b>C Massive position unlock FN00006504 P</b>		
<i>Verify the position unlocked</i>		
 Precondition		
 Find a Position with the following Statement Status[Settlement lock]='L' and for the same Position multiple settlement instructions.		Verify
 The user canceled all the settlement instructions		
 Position unlocked and [Settlement lock]='F' Check via GUI , inquiry.		Verify
<b>C Suspended Settlement Status FN00006505 P</b>		
<i>Verify that the flag [activate settlement]="D" locks every kind of settlement instructions</i>		
 Precondition		
 Flag [activate settlement]="D"		Verify

 The participant try every kind of settlement instructions		
 The participant can't operate: no editing , no transfer , no liquidation		Verify

 Settlement status lock FN00006503 N		
<i>Verify that the flag [Settlement lock]='L' prevents the CCP Operator from doing any kind of amendment to the position (transfer, editing, liquidation).</i>		
 Precondition		
 Find a Position with the following Statement Status[Settlement lock]='L'		Verify
 Every operations must be verified		
 Every CCP's operations must be locked (transfer, editing, liquidation)		Verify

 Position unlock FN00006503 P		
<i>Verify the position unlocked</i>		
 Precondition		
 Find a Position with the following Statement Status[Settlement lock]='L'		Verify
 The user canceled the settlement instruction		
 Position unlocked and [Settlement lock]='F' Check via GUI , inquiry.		Verify

 Settlement items cancellation history FN00008372 P		
<i>Verify that the settlement item is moved to a separate archive called "Cancelled settlement items history"</i>		
 Precondition		
 1.Single settlement positions have to be cancelled		Verify
 After the settlement position is cancelled a new row is inserted in the table		
 check via GUI or inquiry the history tabel of settlement position		Verify

 Settlement cancellation activation FN00008386 P		
<i>Single settlement positions have to be cancelled</i>		
 Single settlement positions can be cancelled activating the corresponding function in the graphical user interface.		
 The cancellation of the selected position has been cancelled. Check the GUI		Verify

 Settlement instructing preconditions FN00008376 P		
<i>Clearing Position check</i>		
 Inquiry if the Clearing Position has the correct precondition		
 For the Clearing Position Selected the flag is Flag [Settlement Lock]="F"		Verify

 Manual settlement instructing FN00008378 P		
<i>Manual settlement instructing is performed</i>		

 Precondition		
 Flag [Settlement Lock] = "F"		Verify
 1. netting of the selected clearing positions; 2. settlement instructing of the selected positions.		
 the System allows the CCP operator to run the process of Settlement Instructing (additional check are covered for the Settlement Instructing and Fail Allocation)		Verify

### Clearing positions selection FN00008374 P

*CCP Operator should be allowed to select a Clearing Position*

 Precondition		
 Select manually a clearing position		Verify
 Operator select the Open Position		
 the Open Position is selected and candidated		Verify

### Risk Management FN00006192 P

*Check the diary entry time constraint*

 Precondition		
 Manual insertion of mandatory levels by the user		Verify
 Verify the value of the entry time constraint in the CA Diary		
 Corporate Action adjustment in the CA Diary are allowed until Ex-date-1 before the EOD.		Verify

### Risk Management FN00006333 P\_4 (eventualmente da cancellare)

*The field [CUM Class code] is updated in the corresponding Corporate Action Diary Entry with the newly generated class code for CUM positions*

 Precondition		
 New trade on the Financial Instrument subject of the corporate actions At [Ex Date + 1] EOD (Record Date)		Verify
 At [Ex Date + 1] EOD (Record Date) the settlement instructions referring to both the positions identified by the instrument identification code [Class Code] and [Cum Class Code] are subject of transformation on the CSD. The transformation implies a cancellation of all the outstanding instruction and the creation of new ones. New Positions are created with instrument identification code [Class Code] only.		
 Cancellation of all the outstanding instruction and the creation of new ones		Verify

### Risk Management FN00006334 P\_2

*Positions referring to the instrument subject of CA, having instrument identification code [Class Code] are evaluated following the standard margin computation process.*

 Precondition		
 Corporate Action in the course of [EX Date] and [EX Date +1]:		Verify

 Verify that the positions referring to instrument subject of CA having Instrument Identification Code [CUM Class Code] consider the Adjusted Market Price		
 Correct margin calculation ([Adjusted Market Price] = Rounding([Adjusting Factor] * [Market Price], MODE))		Verify

#### Risk Management FN00006191\_1

 Click on WICS the new functionality CA Diary		
 All columns of specifications are available on WICS with correct type.		Verify

#### Risk Management FN00006342 P

*Manual insertion of mandatory levels for Corporate Action.  
New record created on Corporate Action Diary*

 The user must provide at least the following values: 1.Class Code 2.Corporate Action Type 3.Ex-date 4.Adjustment Factor 5.Adjustment Factor Type 6.Adjustment Factor Rule		
 The user can insert all mandatory values		Verify

#### Risk Management FN00006342 N

*User doesn't insert a mandatory field - Popup message*

 The user don't insert a mandatory field		
 Popup error message		Verify

#### Risk Management FN00006191 \_2

 User clicks on Add Button		
 User can insert manually all values of Columns		Verify

#### Risk Management FN00006191 \_3

 User clicks on Export to CSV		
 Export to CSV is available - All columns are available on the CSV file		Verify

#### Risk Management FN00006191 \_4

 User clicks on Edit Mode		
 Fields are Editable by User. Changes are saved on WICS		Verify

#### Risk Management FN00006333 P\_1

*The field [CUM Class code] is updated in the corresponding Corporate Action Diary Entry with the newly generated class code for CUM positions*

 Precondition		
 Manual insertion of mandatory levels by the user		Verify
 Check that the record created into the corporate action diary have the new value of CUM Class Code		

 New CUM Class Code created		Verify
<b>C Risk Management FN00006333 P_2</b>		
<i>The field [CUM Class code] is updated in the corresponding Corporate Action Diary Entry with the newly generated class code for CUM positions</i>		
 Precondition		
 1.Unsettled Trading positions with [Position Account Item][Class ID]=[CA Diary][Class Code]. 2.CUM Class Code available on the CA Diary		Verify
 Check that All the unsettled trading positions corresponding to the [Class Code] value in the Corporate action diary are replaced by new identical entries having code [CUM Class Code]		
 All the unsettled trading positions have code [CUM Class Code]		Verify
<b>C Risk Management FN00006333 P_3</b>		
<i>The field [CUM Class code] is updated in the corresponding Corporate Action Diary Entry with the newly generated class code for CUM positions</i>		
 Precondition		
 New trade on the Financial Instrument subject of the corporate actions (Between [EX Date] and [EX Date +1])		Verify
 Check that when arrive a new trade Between [EX Date] and [EX Date +1] on the Financial Instrument subject of the corporate actions is posted to trading positions having [Class Code] (the original code) as instrument identification code.		
 The new trade has Class Code=The original code		Verify
<b>C Risk Management FN00006334 P_1</b>		
<i>Positions referring to the instrument subject of CA, having instrument identification code [Class Code] are evaluated following the standard margin computation process.</i>		
 Precondition		
 Corporate Action in the course of [EX Date] and [EX Date +1]:		Verify
 Verify that Positions referring to the instrument subject of CA,having instrument identification code [Class Code] are evaluated following standard margin computation process		
 Positions referring to the instrument subject of CA,having instrument identification code [Class Code] are evaluated following standard margin computation process		Verify
<b>C Risk Management FN00006334 P_3</b>		
<i>Positions referring to the instrument subject of CA, having instrument identification code [Class Code] are evaluated following the standard margin computation process.</i>		
 Precondition		
 Corporate Action in the course of [EX Date] and [EX Date +1]:		Verify
 Verify that CUM and EX positions concur to produce the same margin figure		

 Margin is calculated per ISIN: CUM and EX positions concur to produce the same margin figure		Verify
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## Transaction Management FN00006344 P

*The Clearing System covers the market standards of Corporate Actions.*

 Precondition		
 MT548 received		Verify
 Verify that only Market Claims and Transformations reflected in the Clearing System		
 Only Market Claims and Transformations reflected in the Clearing System		Verify

## Transaction Management FN00006346 P

*Check that the Clearing System correctly manages the Status Update Message*

 Precondition		
 MT548 received with a cancelation instruction		Verify
 Status Update Message correctly managed		
 Status Update Message correctly managed - Update message compliant with specifications		Verify

## Transaction Management FN00006347 P\_1

*Check that the cancellation message update the corresponding settlement position in the settlement account.*

 Precondition		
 MT548 received with a cancelation instruction		Verify
 Verify that the position selection is done using the following selection rule: [SetlItem][Sender msg ref] = [MT548:LINK:20C::RELA//]		
 The position selection in the settlement account is correct		Verify

## Transaction Management FN00006348 P\_2

*For each cancellation message received a corresponding set of position records are updated in the position account*

 Precondition		
 Cancellation at settlement account level must be completed		Verify
 Verify that [PosITem][Position Status] = "TRSF" (Cancelled as a consequence of a corporate action).		
 Correct value of the Settlement Status		Verify

## Transaction Management FN00006349 P

*Check that the Clearing System correctly manages the Status Update Message*

 Precondition		
 MT548 received with a transformation instruction		Verify
 Status Update Message correctly managed		
 Status Update Message correctly managed - Check specifications for relevant informations		Verify

<b>C Transaction Management FN00006350 P_1</b>		
<i>New record created in the settlement account</i>		
Precondition		
MT548 received with a transformation instruction		Verify
Verify that the record is selected following the correct selection rule.		
The following rule is used to identify the original cancelled record: [SettItem][Sender msg ref] = [MT548:LINK:20C::RELA//]		Verify
<b>C Transaction Management FN00006350 P_2</b>		
<i>New record created in the settlement account</i>		
Precondition		
MT548 received with a transformation instruction		Verify
Check that values of settlement account are compliant with specifications		
[SettItem][CA instruction msg ref] = [MT548:GENL:20C::SEME//] [SettItem][Linked instruction msg ref] = [MT548:LINK:20C::PREV//] [SettItem][Market Infrastructure msg ref] = [MT548:LINK:20C::MITI//] [SettItem][Original CTV] = [MT548:SETTRAN:19A::SETT//] [SettItem][Original QTY] = [MT548:SETTRAN:36B::SETT//UNIT//] [SettItem][Unsettled CTV] = [MT548:SETTRAN:19A::SETT//] [SettItem][Unsettled QTY] = [MT548:SETTRAN:36B::SETT//UNIT//] [SettItem][ISIN] = [MT548:SETTRAN:35B:ISIN] [SettItem][Intended Settlement Date] = [MT548:SETTRAN::98A::SETT//] [SettItem][Settlement Status] = "PEND" [SettItem][Reason Code] = NULL [SettItem][Reason Narrative] = NULL		Verify
<b>C Transaction Management FN00006352 P _1</b>		
<i>New position records are initially generated as copy of the corresponding original canceled.</i>		
Precondition		
MT548 received with a transformation instruction		Verify
Verify that the new position records are selected using the specifications rule		
The set of original record to copy is selected using the following rule: [PosItem][Settlement ref] = [MT548:LINK:20C::RELA//]		Verify
<b>C Transaction Management FN00006352 P _2</b>		
<i>New position records are initially generated as copy of the corresponding original canceled.</i>		
Precondition		
MT548 received with a transformation instruction		Verify
Check values of position account table are compliant with specifications		

<p>[PosItem][Settlement ref] = [MT548:LINK:20C::PCTI//]  [PosItem][Unsettled Quantity] = TRANSFORMED_QTY  [PosItem][Original Quantity] = TRANSFORMED_QTY  [PosItem][Corporate action fraction] = POSITION_FRACTION  [PosItem][ISIN] = [MT548:SETTRAN:35B:ISIN]  [PosItem][Settlement date] = [MT548:SETTRAN::98A::SETT//]  [PosItem][Position Source] = "TS"</p>		Verify
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## C Transaction Management FN00007034 P

*Value of Corporate Action Fraction*

<p>Precondition</p>		
MT548 received with a transformation instruction		Verify
Verify the value of the Corporate Action Fraction for all the position items		
<p>For each transformed settlement instruction the following update is performed:  [SettItem][Position Fraction] = sum ([PosItem][Corporate Action Fraction])</p>		Verify

## C Transaction Management FN00006373

<p>Precondition</p>		
		Verify
NO ACTIONS		
		Verify

## C Transaction Management FN00006353 P

*Check that the Clearing System correctly manages Market Claims Message*

<p>Precondition</p>		
MT548 received with a Market Claims Message		Verify
Verify that the Clearing System processes the Subscription Rights related messages (CA type="RHDI") and Spin-off related messages (CA type="SOFF"), discarding other messages. Unknown ISIN is handled by the system adding a new specific ITEM with flag [Subscription right]=A'		
The Clearing System correctly manage Market Claims Message		Verify

## C Transaction Management FN00006354 P

*For each market claim message received a corresponding record is created in the settlement account.*

<p>Precondition</p>		
MT548 received with a Market Claims Message		Verify
MT548 received with a Market Claims Message		Verify
Verify that for each market claim message received a corresponding record is created in the settlement account. The record creation is done as a clone of the linked record that generated the market claim.		

 The record creation is done as a clone of the linked record that generated the market claim. The following rule is used to identify the original record: [SettItem][Sender msg ref] = [MT548:LINK:20C::PREV//]		Verify
 Check values of settlement account table following the attach on expected result  [SettItem][Sender msg ref] = [MT548:LINK:20C::PCTI//] [SettItem][Linked Instruction ref] = [MT548:LINK:20C::PREV//] [SettItem][Market Infrastructure msg ref] = [MT548:LINK:20C::MITI//] [SettItem][Original CTV] = [MT548:SETTRAN:19A://SETT//] [SettItem][Original QTY] = [MT548:SETTRAN:36B://UNIT//] [SettItem][Unsettled CTV] = [MT548:SETTRAN:19A://SETT//] [SettItem][Unsettled QTY] = [MT548:SETTRAN:36B://UNIT//] [SettItem][ISIN] = [MT548:SETTRAN:35B:ISIN] [SettItem][Intended Settlement date] = [MT548:SETTRAN::98A::SETT//] [SettItem][Partial Settlement Status] = NULL [SettItem][Settlement Instruction type] = "C" [SettItem][Reason Code] = NULL [SettItem][Reason Narrative] = NULL		Verify

## Transaction Management FN00006356 P

*For each claim message received a corresponding set of position records is created.*

 Precondition		
 MT548 received with a Market Claims Message		Verify
 MT548 received with a Market Claims Message		Verify
 For each claim message received a corresponding set of position records is created. The record creation is done as a clone of the original linked records in the Position Account.		
 The record creation is done as a clone of the original linked records in the Position Account. The following rule is used to identify the original linked record: [PoslItem][Settlement ref] = [MT548:LINK:20C::PREV//]		Verify
 Check values of position account table following the attach on expected result		
 [PoslItem][Settlement ref] = [MT548:LINK:20C::PCTI//] [PoslItem][Unsettled Quantity] = QUANTITY [SettItem][Unsettled CTV] = COUNTERVALUE [PoslItem][Original Quantity] = QUANTITY [SettItem][Original CTV] = COUNTERVALUE [PoslItem][ISIN] = [MT548:SETTRAN:35B:ISIN] [PoslItem][Intended Settlement date] = [MT548:SETTRAN::98A::SETT//] [PoslItem][Corporate Action Fraction] = FRACTION [PoslItem][Position source] = "CL"		Verify

<b>C Transaction Management FN00007052 P</b>		
<i>Value of Corporate Action Fraction</i>		
 Precondition		
 MT548 received with a Market Claims Message		Verify
 Verify the value of the Corporate Action Fraction for all the position items		
 For each transformed settlement instruction the following update is performed: [SettItem][Position Fraction] = sum ([PosItem][Corporate Action Fraction])		Verify
<b>C Transaction Management FN00006347 P_2</b>		
<i>Check that the cancellation message update the corresponding settlement position in the settlement account.</i>		
 Precondition		
 MT548 received with a cancelation instruction		Verify
 Check that values of settlement account are compliant with specifications		
 [SettItem][Cancel_confirmation_msg_ref] = [MT548:GENL:20C::SEME//] [SettItem][Settlement Status] = "CAND" [SettItem][Reason Code] = [MT548:REAS:24B::CAND//] [SettItem][Reason Narrative] = [MT548:REAS:70D::REAS//]		Verify
<b>C Transaction Management FN00006348 P_1</b>		
<i>For each cancellation message received a corresponding set of position records are updated in the position account</i>		
 Precondition		
 Cancellation at settlement account level must be completed		Verify
 Verify that the position selection is done using the following selection rule: [PosItem][Settlement ref] = [MT548:LINK:20C::RELA//]		
 The position selection in the position account is correct		Verify
<b>C Default Fund Definition FN00006916 P</b>		
<i>Check the correct population of table of Default Fund Account</i>		
 Precondition		
 Table of Default Fund Account exists		Verify
 This table represents the default fund account definition (considering that a single default fund in EUR is initially supported).		
 Table of Default Fund Account is populated with the correct fields		Verify
<b>C Default Fund Definition FN00006848 P</b>		
<i>Correct relation between Default Fund Participant Account and External T2 Account</i>		
 Precondition		
 Tables of Default Fund Participant Account and External Account Exist		Verify

 Check the relationship between Participant and External Account		
 Relationship between Participant and External Account is correct		Verify

### C Default Fund Definition FN00006847 P

*Correct population of fields of table of Default Fund Participant contribution*

 Precondition		
 Tables of Default Fund Participant contribution exist		Verify
 Check the correct population of fields of table of Default Fund Participant contribution		
 For each Default Fund Account the current requirement and balance are kept updated by the system		Verify

### C Default Fund Definition FN00006846 P

*Correct population of fields of table of Default Fund Participant transactions*

 Precondition		
 Tables of Default Fund Participant transactions exist		Verify
 Check the correct population of fields of table of Default Fund Participant transactions		
 Transactions on default fund (deposit and withdrawal) can be generated automatically by the System, in case of Default Fund call, or inserted manually.		Verify

### C Default Fund Definition FN00006845 P

*Default Fund currency must be EUR only*

 Check the currency of Default Fund		
 Currency is EUR for each participant		Verify

### C Default Fund Definition FN00006844 P

*A unique default fund is used to cover open liabilities in the event of default of participants operating on multiple markets.*

 Check that participants operating on multiple markets are related with only one Default Fund with Euro currency		
 More participants related with only one Default Fund		Verify

### C Default Fund Call FN00006865 P

*Clearing system received MT900 with confirmation of debit*

 Precondition		
 SWIFT message MT202 sent to CSD		Verify
 Clearing system compares the value of default fund requested contribution and default fund account balance. In case the difference (default fund call) is negative the clearing system generates a SWIFT message MT202 in order to transfer the default fund call amount from the member's account to the CCPA's account.		

 SWIFT message MT202 sent		Verify
 Clearing system compares the value of default fund requested contribution and default fund account balance. In case the difference is positive (excess collateral) and the default fund restitution automatic process is activated, an MT202 is generated in order to enable the user to handle restitution;		
 SWIFT message MT202 sent		Verify
 Check reception of MT900 from National Bank for confirmation of debit		
 MT900 received from National Bank		Verify
 Check reception of MT910 from National Bank for confirmation of credit		
 MT910 received from National Bank		Verify

 Default Fund Call FN00006866 P		
<i>Check the content of the MT202 message</i>		
 Precondition		
 Negative Default Fund Call or Excess collateral		Verify
 Execute the process to send the MT202 Process		
 The message should contain at least the following information: Sender reference Receive reference value date currency amount		Verify

 Default Fund Call FN00006868 P		
<i>Activation of default fund call</i>		
 Check if this process can be activated/deactivated per member (GCM/DCM). Participants for which this process is deactivated are handled via manual procedures.		
 this process can be activated/deactivated per member (GCM/DCM). Participants for which this process is deactivated are handled via manual procedures.		Verify

 Default Fund Call FN00006864 P		
<i>Activation of Default fund restitution process</i>		
 Check if this process can be activated/deactivated per member (GCM/DCM). Participants for which this process is deactivated are handled via manual procedures.		
 The automatic process for the cash restitution in case of excess collateral can be activated/deactivated per member (GCM/DCM). Participants for which this process is deactivated are handled via manual procedures.		Verify

 Default Fund Deposit and Withdrawal FN00006872 P		
<i>Default fund call for a clearing member</i>		
 Precondition		

 Default Fund Call - Non swift users		Verify
 Negative Default Fund Call		Verify
 Users are alerted by a system notification and reports MS14 and MS15 are provided in BCS.		
 Users are alerted by a system notification and reports MS14 and MS15 are provided in BCS.		Verify

### Default Fund Deposit and Withdrawal FN00006873 P

*Correct withdrawal process in case of Excess Collateral*

 Precondition		
 Excess Collateral		Verify
 1.Clearing member makes a withdrawal from a dedicated collateral account held at OeNB. 2.Administrative user transfers the cash from the CCPA's account held at National Bank into the clearing member's account. 3.Administrative user manually feeds the Clearing System with the transaction that withdraw the cash collateral from the Participant Default Fund Account.		
 Correct withdrawal process in case of Excess Collateral		Verify

### Default Fund Deposit and Withdrawal FN00006874 P

 1.Clearing member make a deposit on a dedicated collateral account held at OeNB. 2.Administrative user transfers the cash from the clearing member's account into the CCPA's account held at National Bank. 3.Administrative manually feed the Clearing System with the transaction that post the cash collateral to the Participant Default Fund Account		
 Correct deposit process in case of a Negative Default Fund call		Verify

### Default Fund Quota Calculation FN00006853 P

*The default fund quota calculation is carried out periodically by the clearing system according to a time schedule (e.g. quarterly), but it can also be carried out manually by the operator.*

 Quota calculation process can be activated (manual or scheduled activation)		
 Quota calculation can be manual or scheduled		Verify

### Default Fund Quota Calculation FN00006852 P

*Calculation of the Average Initial Margins for each Participant*

 1.Computation of the average of the Initial Margins deposited by the Participant x in the previous n months. 2. Conversion of the values previously calculated to the Default Fund currency (EUR) 3. Calculation of the sum of the values previously calculated in order to assign to each Participant x a unique indicator of the Average Initial Margins (IMx) deposited in the previous n months. 4. Calculation of the Total Average of the Initial Margins (IM) given by the sum of all the average values M <sub>IM</sub>		
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 Correct calculation of the Average Initial Margins for each Participant		Verify
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 Default Fund Quota Calculation FN00006854 P		
<i>Calculation of the Dynamic Contribution Quota for each Participant</i>		
 1.Computation of the ratio between the Average of the Initial Margins of the Participant x (IMx) and the Total Average of the Initial Margins (IM) 2.Multiplication of the ratio (IMx)/(IM) by the Total Amount of the Default Fund (Default Fund) to be allotted. 3.Definition of the Dynamic Contribution Quota (QCx) as: QCx=Default Fund*(IMx)/(IM).		
 Correct calculation of the Dynamic Contribution Quota for each Participant		Verify

 Default Fund Quota Calculation FN00006855 P		
<i>Calculation of the Contribution Quota Due for each participant</i>		
 The Contribution Quota Due (QDx) is set as the maximum between the Dynamic Contribution Quota (QCx) previously calculated and the Contribution Quota Min (Qmin): QDx=max{QCx; Qmin}. The result obtained is rounded to the h-figure, where h is the predetermined rounding parameter of the Contribution Quota.		
 Correct calculation of the Contribution Quota Due for each participant		Verify

 MS14 Default Fund Contribution		
 Precondition		
 User requests production of MS14 report		WaitOn
 Operator executes the job for MS14 report production		
 The report shows the amount of the Contribution to the Default Fund and the details of the calculation.		Input

 MS15 Default Fund - Calculation Details		
 Precondition		
 User requests production of MS14 report		WaitOn
 Operator executes the job for MS15 report production		
 The report shows the amount of the Contribution to the Default Fund and the details of the calculation (day by day)		Input

 Collateral eligibility FN00006779 P		
<i>Verify that the list of the instrument is correctly populated</i>		
 Precondition		
 Eligible asset table loaded		Verify
 Operator execute an inquiry on the eligible asset table		
 List of instrument is visible		Verify

<b>C Collateral eligibility FN00006782 P</b>		
<i>Decoupling of eligible and traded instruments</i>		
 Precondition		
 Eligible asset table loaded		Verify
 Operator execute an inquiry on the eligible asset table		
 In case an instrument is traded and collateral eligible the Clearing System contains two separate instances of it.		Verify
<b>C Collateral eligibility FN00006783 P</b>		
<i>The Clearing System, as part of the EOD process, generates a Mail Alert for all the instruments which are in the Expiration period</i>		
 Precondition		
 Instrument in expiration period		Verify
 Process that send the alert is up and running		
 Mail Alert generated for instrument in Expiration period		Verify
<b>C Collateral eligibility FN00006777 P</b>		
<i>If the haircut field is not populated, Collateral Class default is used.</i>		
 Precondition		
 Haircut field on instrument list is not populated		Verify
 Operator execute an inquiry on the haircut of an eligible instrument		
 Value of the haircut is on the Collateral Class Default		Verify
<b>C Collateral eligibility FN00006780 P</b>		
<i>Each issuer group has different concentration limits of securities accepted</i>		
 Operator execute an inquiry on the concentration limits of securities		
 Each issuer group has different concentration limits of securities accepted		Verify
 Security limits can be setup at system level		Verify
<b>C Collateral eligibility FN00006781 P</b>		
<i>ECB Eligible assets table contains the list of eligible marketable assets for Eurosystem operations.</i>		
 Operator execute an inquiry on ECB Eligible assets		
 ECB Eligible assets table contains the list of eligible marketable assets for Eurosystem operations. Summarizes all relevant instrument's information for each ISIN.		Verify
<b>C Collateral eligibility FN00006778 P</b>		
<i>Maintenance of eligible currencies</i>		
 Operator execute an inquiry on the eligible currencies		

 The list of currencies which are eligible to be posted as collateral (in the form of cash or securities) are manually maintained in the clearing system		Verify
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### MA01 Report intraday production

 Precondition		
 Daily Schedule up&Running		WaitOn
 Check the intraday production of MA01 report		
 Report show types of collateral securities deposited or withdrawn as Collateral		Input

### MA03 Report intraday production

 Precondition		
 Daily Schedule up&Running		WaitOn
 Check the intraday production of MA03 report		
 Report provides details of securities deposited or withdrawn as Collateral		Input

### MS11 Collateral Account Balance

 Precondition		
 Daily Schedule up&Running		WaitOn
 Check the intraday production of MS11 report		
 The report is created for Clearing Members, is made available before the start of trading and can be used to verify the amounts to be settled within the daily settlement of margins.		Input

### Collateral accounts FN00006792 P

*The collateral posted by clearing participants may reside in an external depository (for securities) or external bank account (for cash).*

 Operator execute an inquiry on the external collateral accounts		
 Participants can keep n External Collateral Accounts		Verify

### Collateral accounts FN00006794 P

*Collateral account is uniquely identified by a unique ID [Collateral Account ID] which is referenced at Participant Account level.*

 Operator execute an inquiry on the collateral account table		
 Collateral account is uniquely identified by a unique ID [Collateral Account ID] and it is an internal representation of the collateral assets in cash and securities.		Verify

### Collateral accounts FN00006790 P

*Collateral Account Balance Items keeps the assets posted by the Clearing Member in the connected External Accounts and the informations about collateral evaluation*

 Operator execute an inquiry on the collateral account table		
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<p> Collateral account balance items are the aggregated view of all the assets posted by the Clearing Member in the connected External Accounts</p> <p>In addition to the actual asset balances, the Collateral Account Items table contains the details about the absorption connected to the collateral evaluation.</p>		Verify
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<p> <b>Collateral accounts FN00006788 P</b></p> <p><i>The "Transactions" table contains the deposit or withdrawal transactions.</i></p>		
 Precondition		Verify
 Participant execute a transaction on an external collateral account		Verify
 Operator execute an inquiry on the transactions table		
 The "Transactions" table contains the deposit or withdrawal transactions.		Verify

<p> <b>Collateral synchronization FN00006806 P</b></p> <p><i>Communication from the cash custodian to the clearing system</i></p>		
 Precondition		Verify
 FTP communication with cash custodian		Verify
 Cash custodian sent the message 5 times per day		Verify
 Cash custodian sent a cash balance file		Verify
 Transaction created		Verify
 Process that receive the cash collateral synchronization is up and running		
 For each entry the following data is available: External account number Value: account balance Date of the last update in the format YYYYMMDD Currency of the external account		Verify
 Verify that process of cash collateral synchronization works 5 times per day		
 Frequency is set to 5 per day. Execution is performed before Margin Calculation and Margin Verification Process.		Verify
 Operator execute an inquiry on the transactions table		
 Transaction is created from the difference between collateral account balance and balance in the plain text file, only if the delta amount is different from 0.		Verify
 Operator execute an inquiry on the external collateral accounts		
 External account balances are updated taking into account the stored transactions.		Verify

<p> <b>Collateral synchronization FN00006808 P</b></p> <p><i>In case of unknown account the System discards the item and sends an alert to the user</i></p>		
 Precondition		Verify
 Cash custodian sent an unknown account		Verify
 CSD sent an unknown account		Verify

 Verify the alert sent to the user		
 Alert sent to the user A		Verify
 Alert sent to the user B		Verify

 Collateral synchronization FN00006802 P		
<i>CSD sends messages containing the securities collateral (MT535 and MT598)</i>		
 Precondition		
 FTP communication with CSD		Verify
 CSD sent MT535 and MT598		Verify
 Process that receive the securities collateral synchronization is up and running		
 Clearing system receives the cash balances from the custodian system		Verify
 Operator execute an inquiry on the transactions table		
 Transaction are created comparing the balances. Securities which are not in the MT535 correspond to withdrawn collaterals while new ones correspond to new deposits.		Verify
 Operator execute an inquiry on the external collateral accounts		
 External account balances are updated taking into account the stored transactions.		Verify
 Operator execute an inquiry on the master data		
 If the message contains a new instrument (not yet inserted into the clearing system master data) the system detects it and automatically add it into the master data.		Verify
 Verify the alert sent to the user		
 Alert sent to the user		Verify

 Collateral synchronization FN00006919 P		
<i>Request of cash or securities withdrawal</i>		
 Precondition		
 Request accepted		Verify
 Clearing member can manually request a cash or securities withdrawal		
 User Administrator check the collateral evaluation report in order to identify the excess collateral amount.		Verify
 Administrator transfers the excess amount to the clearing member account		
 Transfer completed		Verify

 Collateral valuation FN00006819 P		
<i>A scheduler triggers the evaluation process in correspondence of margin calculation and margin verification steps (5 times per day).</i>		
 Check that scheduler triggers the evaluation process 5 times per day in correspondence of margin calculation		
 Scheduler triggers the evaluation process 5 times per day in correspondence of margin calculation		Verify

<b>C Collateral valuation FN00006818 P</b>		
<i>Valuation process can be manually triggered by an administrative user</i>		
 An administrator user can start the collateral evaluation process		
 Collateral evaluation process started		Verify
<b>C Collateral valuation FN00006817 P</b>		
<i>Retrieval of collateral account balance</i>		
 Precondition		
 Request of a collateral evaluation (manual or triggered)		Verify
 Clearing system retrieves the collateral accounts balances from the external account balances		
 Clearing system retrieves the collateral accounts balances from the external account balances		Verify
 For each security in the collateral account, the system retrieves the last price.		
 For each security in the collateral account, the system retrieves the last price.		Verify
 Check the update of cash account relevant informations in the internal accounts data		
 Cash account relevant informations in the internal accounts data updated		Verify
 Check the update of securities account relevant informations in the internal accounts data		
 Securities account relevant informations in the internal accounts data updated		Verify
 Check the update of Gross Balance and Last Price		
 Gross Balance and Last Price updated		Verify
 Check the update of Gross Balance in clearing currency		
 Gross Balance in clearing currency updated		Verify
 Check the Net Balance value		
 Net Balance value updated		Verify
 Check the application of class securities on concentration limits		
 Concentration limits consider Class of securities		Verify
 Check the application of Issuer Group on concentration limits		
 Concentration limits consider Issuer Groups		Verify
 Check the application of Percentage of securities on concentration limits		
 Concentration limits consider Percentage of securities		Verify
 Check the value of post evaluation collateral		
 The post-evaluation collateral is obtained summing up all the balances after the mark-to-market, currency conversion and collateral policy application		Verify

<b>C Margin Call FN00006829 P</b>		
<i>Margin call/restitution is computed as the difference between the collateral account balance and the margin requirement</i>		
 An administrator user can start the margin call process		
 An administrator user starts the margin call process		Verify
<b>C Margin Call FN00006828 P</b>		
<i>Margin call process can be manually triggered by an administrative user, through a user functionality.</i>		
 Check that scheduler triggers the margin call process		
 Scheduler triggers the margin call process		Verify
<b>C Report MS33 Margin Call</b>		
 Precondition		
 Daily Schedule Up&Running		Input
 Intraday generation of MS33 Report		
 The report shows the intraday Margin Calls		Input
<b>C Margin Call FN00006826 P_1</b>		
<i>Margin call/restitution is computed as the difference between the collateral account balance and the margin requirement</i>		
 Precondition		
 Margin call <=0		Verify
 Check that if Margin call <=0-> No Action		
 If Margin call 0 -> No Action		Verify
<b>C Margin Call FN00006826 P_2</b>		
<i>Margin call/restitution is computed as the difference between the collateral account balance and the margin requirement</i>		
 Check difference between the collateral account balance and the margin requirement		
 Difference >0		Verify
 Check that clearing member is notified with a message MT503.		
 Clearing member is notified with a message MT503		Verify
 Check that clearing member is notified with a message MT506		
 Clearing member is notified with a message MT506		Verify
<b>C Margin verification FN00006834 P</b>		
<i>Perform margin verification</i>		
 Precondition		
 A trigger starts the process		Verify

 1.Verify whether the clearing member has deposited collateral to cover new if margin requirement 2.Collateral valuation 3.Verify whether the deposit covers the margin call		
 Verify whether the deposit covers the margin call		Verify

C Report MS24 Margin Account Level		
 Precondition		
 Daily Schedule Up&Running		Input
 Intraday generation of MS24 Report		
 The report shows the marginable positions at Margin Account Level		Input

C Report MS36 Margin Amount by GCM/NCM		
 Precondition		
 Daily Schedule Up&Running		Input
 Intraday generation of MS36 Report		
 The report shows all the intraday margin calls sent over the same day to the Clearing Member and the detail of the Initial Margins calculated on its behalf and on behalf of each Non-Clearing Member		Input

C Buy In FN00007069 N		
<i>Clearing System doesn't open the Buy In Position</i>		
 Precondition 1		
 Position [Unsettled quantity] has positive sign Buy-in Status = "N" Buy-in date <= CURRENT-BUS-DATE Settlement status = 'PEND'		Verify
 Process of Buy in up and running		
 The process doesn't open the Buy In position		Verify
 Precondition 2		
 Position [Unsettled quantity] has negative sign Buy-in Status = "Y" Buy-in date <= CURRENT-BUS-DATE Settlement status = 'PEND'		Verify
 Precondition 3		
 Position [Unsettled quantity] has negative sign Buy-in Status = "N" Buy-in date > CURRENT-BUS-DATE Settlement status = 'PEND'		Verify
 Precondition 4		
 Position [Unsettled quantity] has negative sign Buy-in Status = "N" Buy-in date<= CURRENT-BUS-DATE Settlement status <> 'PEND'		Verify

C Buy In FN00007069 P		
<i>Clearing System open the Buy In Position</i>		
 Precondition		

 Position [Unsettled quantity] has negative sign Buy-in Status = "N" Buy-in date<= CURRENT-BUS-DATE Settlement status = 'PEND'		Verify
 Process of Buy in up and running		
 Clearing System open the Buy In Position and update [PosItem][Buy-in Status] = "Y"		Verify

C Buy In FN00007064 P		
<i>The Clearing System automatically checks buy-in eligibility for open positions</i>		
 Precondition		
 Process of Buy in run at the end of the day and check all the positions eligible for Buy-In		Verify
 Process of Buy in up and running		
 The process recognize the buy in eligibility of all the positions and update [PosItem][Buy-in Status] = "Y"		Verify

C ME01 Buy In Notice		
 Precondition		
 User requests production of ME01 report		WaitOn
 Operator executes the job for MAE1 report production		
 The report shows the list of failed positions for which the Buy-In relating is activated.		Input

C Cash Settlement FN00007084 N		
<i>Clearing System doesn't recognize a cash settlement position</i>		
 Precondition 2		
 Sell position [Cash Settlement date] >CURRENT-BUS-DATE (indicates that the sell position has reached its Cash Settlement date)		Verify
 Process of Cash Settlement up and running		
 The process doesn't open the cash settlement position		Verify
 Precondition 1		
 Sell position [Cash Settlement date] <=CURRENT-BUS-DATE (indicates that the sell position has reached its Cash Settlement date) Doesn't exist a buy position with [End Validity Date] <= CURRENT-BUS-DATE		Verify

C Cash Settlement FN00007084 P		
<i>Clearing System recognize the conditions for Cash settlement eligibility</i>		
 Precondition		
 Sell position [Cash Settlement date] <=CURRENT-BUS-DATE (indicates that the sell position has reached its Cash Settlement date) Exist at least a buy position with [End Validity Date] <= CURRENT-BUS-DATE		Verify
 Process of Cash Settlement up and running		

 The Cash Settlement Status at Position Account level is updated as follows: [PosItem][Cash Settlement Status] = "Y"		Verify
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### Cross Margining Model FN00008403 P

*Positions corresponding to financial instruments having same ISIN and Currency and different Market are netted in a single position, producing a single margin requirement;  
Positions corresponding to financial instruments having same ISIN and different Currency are kept separated but the respective price/currency scenarios are offsetted to produce a single margin requirement.*

 Precondition		
 Member setup enabled Cross Margining Model		Verify
 Check Margin calculation		
 Margin calculation produce only one initial margin amount		Verify

### Cross Margining Model FN00008402 P

*Calculation for each ISIN separately per Position Account*

 Precondition		
 Member setup enabled Cross Margining Model		Verify
 Calculation for each ISIN separately per Position Account		
 $\text{Mark-to-Market (Trade currency)} = \text{Net Quantity} * (\text{Last Price} - \text{Settl. Price})$		Verify
 Check the application of Haircut and Exchange Rate - 1a   $[\text{MarginAccountItem}][\text{MTM CTV}](\text{Clearing Currency}) = [\text{MarginAccountItem}][\text{MTM CTV}](\text{Trade Currency}) / ([\text{MarginAccountItem}][\text{Exchange Rate}] * (1 - [\text{MarginAccountItem}][\text{Haircut}]))$		Verify
 Check the application of haircut and Exchange rate 1b   $[\text{MarginAccountItem}][\text{MTM CTV}](\text{Clearing Currency}) = [\text{MarginAccountItem}][\text{MTM CTV}](\text{Trade Currency}) / ([\text{MarginAccountItem}][\text{Exchange Rate}] * (1 + [\text{MarginAccountItem}][\text{Haircut}]))$		Verify
 Check the Mark-to-Market Calculation per Margin ID		
 Cross Mark-to-Market = Mark-to-Market (Position Account 1) + Mark-to-Market(Position Account2)		Verify

### Cross Margining Model FN00008395 P

*Calculation for each ISIN, separately per Position Account ID, of the Downside and Upside theoretical price.*

 Precondition		
 Member setup enabled Cross Margining Model		Verify
 Check the Downside and Upside theoretical price		
 Downside Scenario=Last Price*(1-Margin Interval) Upside Scenario=Last Price*(1+Margin Interval)		Verify
 Check the Downside and Upside Gain/Loss		

 Downside Gain Loss: Downside Gain Loss=Quantity *(Max Downside Scenario- Last Price) Updise Gain Loss: Updise Gain Loss=Quantity *(Max Updise Scenario- Last Price)		Verify
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 Cross Margining Model FN00008407 P		
<i>Calculation of Downside and Updise Gain Loss in Clearing currency</i>		
 Precondition		
 Member setup enabled Cross Margining Model		Verify
 Check the Downside and Updise Gain/Loss in clearing currency		
 Downside Gain Loss (Clearing Currency)=(Max Downside Gain Loss (Trading Currency))/((Exchange Rate)*(1+Haircut on Exchange Rate))		Verify
 Downside Gain Loss (Clearing Currency)=(Max Downside Gain Loss (Trading Currency))/((Exchange Rate)*(1-Haircut on Exchange Rate))		Verify

 Cross Margining Model FN00008406 P		
<i>Calculation of Cross Additional Margin at Margin Account ID</i>		
 Precondition		
 Member setup enabled Cross Margining Model		Verify
 Check the Cross Additional Margin at Margin Account ID value		
 Cross Additional Margin= -min (Cross Downside Gain Loss (Clear.Curr); Cross Updise Gain Loss(Clear.Curr.))		Verify

 Cross Margining Model FN00008396 P		
<i>Cross Initial Margin is equal to the sum of Cross Mark to Market and Cross Additional Margin</i>		
 Precondition		
 Member setup enabled Cross Margining Model		Verify
 Check the Initial Margin value		
 Initial Margin=max(Cross Mark to Market + Cross Additional Margin;0)		Verify

 Cross Margining Model FN00008522 P		
<i>The Margin Requirement, at Margin Requirements table level, is calculated through a netting process that sums Initial Margins having the same combination Participant/Market but different ISINs and applying the Add-In:</i>		
 Precondition		
 Member setup enabled Cross Margining Model		Verify
 Check the Margin Requirement Value		
 Margin Requirement= Sum Initial Margin for each different ISIN * (1+ add-in Margin)		Verify

## No Cross Margining Model FN00008420 P

Positions corresponding to financial instruments having same ISIN and Currency and different Market are not netted in a single position and produce multiple margin requirement;

Positions corresponding to financial instruments having same ISIN and different Currency are kept separated and the respective price/currency scenarios are not offsetted. In this way multiple Margin Requirement are produced.

 Precondition		
 Member setup enabled No Cross Margining Model		Verify
 Check Margin calculation		
 Margin calculation produce multiple initial margin amount		Verify

## No Cross Margining Model FN00008432 P

The CCP carries out the calculation for each ISIN separately per Position Account:

 Precondition		
 Member enabled No Cross Margining Model		Verify
 The Member enabled No Cross Margining Model		Verify
 Member setup enabled No Cross Margining Model		Verify
 Calculation for each ISIN separately per Position Account		
 Mark-to-Market (Trade currency) = Net Quantity * (Last Price – Settl. Price)		Verify
 Check the application of haircut and Exchange rate		
 [MarginAccountItem][MTM CTV](Clearing Currency) = [MarginAccountItem][MTM CTV](Trade Currency) / ([MarginAccountItem][Exchange Rate] * (1 - [MarginAccountItem][Haircut]))		Verify
 [MarginAccountItem][MTM CTV](Clearing Currency) = [MarginAccountItem][MTM CTV](Trade Currency) / ([MarginAccountItem][Exchange Rate] * (1 + [MarginAccountItem][Haircut]))		Verify

## No Cross Margining Model FN00008429 P

Calculation for each ISIN, separately per Position Account ID, of the Downside and Upside theoretical price.

 Precondition		
 Member setup enabled No Cross Margining Model		Verify
 Check the Downside and Upside theoretical price		
 Downside Scenario=Last Price*(1-Margin Interval) Upside Scenario=Last Price*(1+Margin Interval)		Verify
 Check the Downside and Upside Gain/Loss		
 Downside Gain Loss: Downside Gain Loss=Quantity *(Max Downside Scenario- Last Price) Upside Gain Loss: Upside Gain Loss=Quantity *(Max Upside Scenario- Last Price)		Verify
 Check the Additional Margin value		
 Additional Margin=min (Downside Gain Loss (Clear.Curr); Upside Gain Loss(Clear.Curr.))		Verify

 Check the Downside and Upside Gain/Loss in clearing currency		
 $\text{Downside Gain Loss (Clearing Currency)} = -(\text{Max Downside Gain Loss (Trading Currency}) / ((\text{Exchange Rate}) * (1 + \text{Haircut on Exchange Rate}))$		Verify
 $\text{Downside Gain Loss (Clearing Currency)} = -(\text{Max Downside Gain Loss (Trading Currency}) / ((\text{Exchange Rate}) * (1 - \text{Haircut on Exchange Rate}))$		Verify

### No Cross Margining Model FN00008427 P

*Initial Margin is equal to the sum of Mark to Market and Additional Margin*

 Precondition		
 Member setup enabled No Cross Margining Model		Verify
 Check the Initial Margin value		
 $\text{Initial Margin} = \max(\text{Mark to Market} + \text{Additional Margin}, 0)$		Verify

### No Cross Margining Model FN00008542 P

*The Margin Requirement, at Margin Requirements table level, is calculated through a netting process that sums Initial Margins having the same combination Participant/Market but different ISINs and applying the Add-In:*

 Precondition		
 Member setup enabled No Cross Margining Model		Verify
 Check the Margin Requirement Value		
 Margin Requirement = Sum Initial Margin for each different ISIN * (1 + add-in Margin)		Verify

### Offset FN00040214 P

*The Clearing System performs Settlement Netting and Settlement Instructing in the batch before ISD, that is to say, on the night of ISD-1. At this time a technical internal offsetting is performed with no results on the EOD reports. At the ISD start of day the offsetting process is executed, producing accounting results.*

 Check the correct scheduling of Offset process		
 Correct offset process scheduling		Verify

### 1 - 1) Long Position - Highest price

*Correct priority of Long Position with the highest price*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity offset process started		Verify
 Check the System selected the long position with the highest price		
 Correct selection of the long position		Verify

### 2 - 2) Long Position - Smallest quantity

*Correct priority of Long Position with the highest price and the smallest quantity*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify

 Precondition 2		
 Quantity offset process started		Verify
 Check the System selected the long position with the smallest quantity (in absolute terms)		
 Correct selection of the long position		Verify

### 3 - 3) Long Position - Randomly

*Correct priority of Long Position with the highest price and the smallest quantity, randomly selected*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity offset process started		Verify
 Check the System selected the long position randomly		
 Correct selection of the long position		Verify

### 4 - 1) Short Position - Highest price

*Correct priority of Short Position with the lowest price*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity offset process started		Verify
 Check the System selected the short position with the lowest price		
 Correct selection of the short position		Verify

### 5 - 2) Short Position - Smallest quantity

*Correct priority of Short Position with the lowest price and the smallest quantity*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity offset process started		Verify
 Check the System selected the short position with the smallest quantity (in absolute terms)		
 Correct selection of the short position		Verify

### 6 - 3) Short Position - Randomly

*Correct priority of Short Position with the lowest price and the smallest quantity, randomly selected*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity offset process started		Verify
 Check the System selected the short position randomly		
 Correct selection of the short position		Verify

<b>C 7 - 1) Strange Net 1 - Long Position - Highest price</b>		
<i>Correct priority of strange net 1/long position with the highest price</i>		
Precondition 1		
Two or more Position Accounts linked to one Settlement Account		Verify
Precondition 2		
Quantity offset process started		Verify
Check the System selected the strange net 1/long position with the highest price		
Correct selection of the strange net 1/long position		Verify
<b>C 8 - 2) Strange Net 1 - Long Position - Smallest quantity</b>		
<i>Correct priority of strange net 1/long position with the highest price and the smallest quantity</i>		
Precondition 1		
Two or more Position Accounts linked to one Settlement Account		Verify
Precondition 2		
Quantity offset process started		Verify
Check the System selected the strange net 1/long position with the smallest quantity (in absolute terms)		
Correct selection of the strange net 1/long position		Verify
<b>C 9 - 3) Strange Net 1 - Long Position - Randomly</b>		
<i>Correct priority of strange net 1/long position with the highest price and the smallest quantity, randomly selected</i>		
Precondition 1		
Two or more Position Accounts linked to one Settlement Account		Verify
Precondition 2		
Quantity offset process started		Verify
Check the System selected the strange net 1/long position randomly		
Correct selection of the strange net 1/long position		Verify
<b>C 10 - 1) strange net 2 - Long Position - Highest price</b>		
<i>Correct priority of strange net 2/long position with the highest price</i>		
Precondition 1		
Two or more Position Accounts linked to one Settlement Account		Verify
Precondition 2		
Quantity offset process started		Verify
Check the System selected the strange net 2/long position with the highest price		
Correct selection of the strange net 2/long position		Verify
<b>C 11 - 2) strange net 2 - Long Position - Smallest quantity</b>		
<i>Correct priority of strange net 2/long position with the highest price and the smallest quantity</i>		
Precondition 1		

 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity offset process started		Verify
 Check the System selected the strange net 2/long position with the smallest quantity (in absolute terms)		
 Correct selection of the strange net 2/long position		Verify

### C 12 - 3) strange net 2 - Long Position - Randomly

*Correct priority of strange net 2/long position with the highest price and the smallest quantity, randomly selected*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity offset process started		Verify
 Check the System selected the strange net 2/long position randomly		
 Correct selection of the strange net 2/long position		Verify

### C 13 - 1) Strange net 3 - Short Position - lowest price

*Correct priority of strange net 3/Short Position with the lowest price*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity offset process started		Verify
 Check the System selected the strange net 3/short position with the lowest price		
 Correct selection of the strange net 3/short position		Verify

### C 14 - 2) Strange Net 3 - Short Position - Smallest quantity

*Correct priority of strange net 3/Short Position with the lowest price and the smallest quantity*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity offset process started		Verify
 Check the System selected the strange net 3/short position with the smallest quantity (in absolute terms)		
 Correct selection of the strange net 3/short position		Verify

### C 15 - 3) Strange net 3 - Short Position - Randomly

*Correct priority of strange net 3/Short Position with the lowest price and the smallest quantity, randomly selected*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		

 Quantity offset process started		Verify
 Check the System selected the strange net 3/short position randomly		
 Correct selection of the strange net 3/short position		Verify

### C 16 - 1) strange net 4 - Short Position - lowest price

*Correct priority of strange net 4/Short Position with the lowest price*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity offset process started		Verify
 Check the System selected the strange net 4/short position with the lowest price		
 Correct selection of the strange net 4/short position		Verify

### C 17 - 2) strange net 4 - Short Position - Smallest quantity

*Correct priority of strange net 4/Short Position with the lowest price and the smallest quantity*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity offset process started		Verify
 Check the System selected the strange net 4/short position with the smallest quantity (in absolute terms)		
 Correct selection of the strange net 4/short position		Verify

### C 18 - 3) strange net 4 - Short Position - Randomly

*Correct priority of strange net 4/Short Position with the lowest price and the smallest quantity, randomly selected*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity offset process started		Verify
 Check the System selected the strange net 4/short position randomly		
 Correct selection of the strange net 4/short position		Verify

### C 19 - 1) strange net 5 - Long Position - Highest price

*Correct priority of strange net 5/long position with the highest price*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity offset process started		Verify
 Check the System selected the strange net 5/long position with the highest price		
 Correct selection of the strange net 5/long position		Verify

### C 21 - 3) strange net 5 - Long Position - Randomly

*Correct priority of strange net 5/long position with the highest price and the smallest quantity, randomly selected*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity offset process started		Verify
 Check the System selected the strange net 5/long position randomly		
 Correct selection of the strange net 5/long position		Verify

### C 22 - 1) strange net 6 - Short Position - Highest price

*Correct priority of strange net 6/Short Position with the lowest price*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity offset process started		Verify
 Check the System selected the strange net 6/short position with the lowest price		
 Correct selection of the strange net 6/short position		Verify

### C 24 - 3) strange net 6 - Short Position - Randomly

*Correct priority of strange net 6/Short Position with the lowest price and the smallest quantity, randomly selected*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity offset process started		Verify
 Check the System selected the strange net 6/short position randomly		
 Correct selection of the strange net 6/short position		Verify

### C 25 - No quantity offset

*No quantity offset takes place*

 Precondition 1		
 Only one Position Account linked to one Settlement Account		Verify
 Precondition 2		
 Quantity offset process started		Verify
 Check the System doesn't start quantity offset		
 No quantity offset takes place		Verify

### C 26 - Different participants - NCM

*Correct quantity offset among different participants*

 Precondition 1		
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 Two or more Position Accounts referring to a NCM different from other participants linked to one Settlement Account		Verify
 Precondition 2		
 Quantity offset process started		Verify
 Check quantity offset among different participants		
 Correct quantity offset among different participants		Verify

 27 - Different participants - RC		
<i>Correct quantity offset among different participants</i>		
 Precondition 1		
 Two or more Position Accounts referring to a RC different from other participants linked to one Settlement Account		Verify
 Precondition 2		
 Quantity offset process started		Verify
 Check quantity offset among different participants		
 Correct quantity offset among different participants		Verify

 28 - 1) Long Position - Highest price		
<i>Correct priority of Long Position with the highest price</i>		
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System selected the long position with the highest price		
 Correct selection of the long position		Verify

 29 - 2) Long Position - Smallest quantity		
<i>Correct priority of Long Position with the highest price and the smallest quantity</i>		
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System selected the long position with the smallest quantity (in absolute terms)		
 Correct selection of the long position		Verify

 30 - 3) Long Position - Randomly		
<i>Correct priority of Long Position with the highest price and the smallest quantity, randomly selected</i>		
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify

 Check the System selected the long position randomly		
 Correct selection of the long position		Verify

 <b>31 - 1) Short Position - Highest price</b>		
<i>Correct priority of Short Position with the lowest price</i>		
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System selected the short position with the lowest price		
 Correct selection of the short position		Verify

 <b>32 - 2) Short Position - Smallest quantity</b>		
<i>Correct priority of Short Position with the lowest price and the smallest quantity</i>		
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System selected the short position with the smallest quantity (in absolute terms)		
 Correct selection of the short position		Verify

 <b>33 - 3) Short Position - Randomly</b>		
<i>Correct priority of Short Position with the lowest price and the smallest quantity, randomly selected</i>		
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System selected the short position randomly		
 Correct selection of the short position		Verify

 <b>34 - 1) Strange Net 1 - Short Position - Lowest price</b>		
<i>Correct priority of strange net 1/short position with the lowest price</i>		
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System selected the strange net 1/short position with the lowest price		
 Correct selection of the strange net 1/short position		Verify

 35 - 2) Strange Net 1 - short Position - Smallest quantity	<i>Correct priority of strange net 1/short position with the lowest price and the smallest quantity</i>	
<i>Precondition 1</i>		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System selected the strange net 1/short position with the smallest quantity (in absolute terms)		
 Correct selection of the strange net 1/short position		Verify
 36 - 3) Strange Net 1 - short Position - Randomly	<i>Correct priority of strange net 1/short position with the lowest price and the smallest quantity, randomly selected</i>	
<i>Precondition 1</i>		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System selected the strange net 1/short position randomly		
 Correct selection of the strange net 1/short position		Verify
 37 - 1) strange net 2 - Long Position - Highest price	<i>Correct priority of strange net 2/long position with the highest price</i>	
<i>Precondition 1</i>		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System selected the strange net 2/long position with the highest price		
 Correct selection of the strange net 2/long position		Verify
 38 - 2) strange net 2 - Long Position - Smallest quantity	<i>Correct priority of strange net 2/long position with the highest price and the smallest quantity</i>	
<i>Precondition 1</i>		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System selected the strange net 2/long position with the smallest quantity (in absolute terms)		
 Correct selection of the strange net 2/long position		Verify
 39 - 3) strange net 2 - Long Position - Randomly	<i>Correct priority of strange net 2/long position with the highest price and the smallest quantity, randomly selected</i>	
<i>Precondition 1</i>		

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System selected the strange net 2/long position randomly		
 Correct selection of the strange net 2/long position		Verify

#### 40 - 1) Strange net 3 - long Position - highest price

*Correct priority of strange net 3/long Position with the highest price*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System selected the strange net 3/long position with the highest price		
 Correct selection of the strange net 3/long position		Verify

#### 41 - 2) Strange Net 3 - long Position - Smallest quantity

*Correct priority of strange net 3/long Position with the highest price and the smallest quantity*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System selected the strange net 3/long position with the smallest quantity (in absolute terms)		
 Correct selection of the strange net 3/long position		Verify

#### 42 - 3) Strange net 3 - long Position - Randomly

*Correct priority of strange net 3/long Position with the highest price and the smallest quantity, randomly selected*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System selected the strange net 3/long position randomly		
 Correct selection of the strange net 3/long position		Verify

#### 43 - 1) strange net 4 - Short Position - lowest price

*Correct priority of strange net 4/Short Position with the lowest price*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		

 Countervalue offset process started		Verify
 Check the System selected the strange net 4/short position with the lowest price		
 Correct selection of the strange net 4/short position		Verify

### C 44 - 2) strange net 4 - Short Position - Smallest quantity

*Correct priority of strange net 4/Short Position with the lowest price and the smallest quantity*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System selected the strange net 4/short position with the smallest quantity (in absolute terms)		
 Correct selection of the strange net 4/short position		Verify

### C 45 - 3) strange net 4 - Short Position - Randomly

*Correct priority of strange net 4/Short Position with the lowest price and the smallest quantity, randomly selected*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System selected the strange net 4/short position randomly		
 Correct selection of the strange net 4/short position		Verify

### C 46 - 1) strange net 5 - Long Position - Highest price

*Correct priority of strange net 5/long position with the highest price*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System selected the strange net 5/long position with the highest price		
 Correct selection of the strange net 5/long position		Verify

### C 48 - 3) strange net 5 - Long Position - Randomly

*Correct priority of strange net 5/long position with the highest price and the smallest quantity, randomly selected*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System selected the strange net 5/long position randomly		
 Correct selection of the strange net 5/long position		Verify

 49 - 1) strange net 6 - Short Position - lowest price		
<i>Correct priority of strange net 6/Short Position with the lowest price</i>		
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System selected the strange net 6/short position with the lowest price		
 Correct selection of the strange net 6/short position		Verify

 51 - 3) strange net 6 - Short Position - Randomly		
<i>Correct priority of strange net 6/Short Position with the lowest price and the smallest quantity, randomly selected</i>		
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System selected the strange net 6/short position randomly		
 Correct selection of the strange net 6/short position		Verify

 52 - No countervalue offset		
<i>No countervalue offset takes place</i>		
 Precondition 1		
 Only one Position Account linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue offset process started		Verify
 Check the System doesn't start countervalue offset		
 No countervalue offset takes place		Verify

 53 - Different participants - NCM		
<i>Correct countervalue offset among different participants</i>		
 Precondition 1		
 Two or more Position Accounts referring to a NCM different from other participants linked to one Settlement Account		Verify
 Precondition 2		
 countervalue offset process started		Verify
 Check countervalue offset among different participants		
 Correct countervalue offset among different participants		Verify

 54 - Different participants - RC		
<i>Correct countervalue offset among different participants</i>		
 Precondition 1		

 Two or more Position Accounts referring to a RC different from other participants linked to one Settlement Account		Verify
 Precondition 2		
 <b>countervalue offset process started</b>		Verify
 Check countervalue offset among different participants		
 Correct countervalue offset among different participants		Verify

### 56 - Update of the selected long position's quantity

*Update of the selected long position's quantity*

 Precondition		
 Selected long position's quantity has been offset		Verify
 Update of the selected long position's quantity		
 Selected long position's quantity is Updated		Verify

### 57 - Update of the selected short position's quantity

*Update of the selected short position's quantity*

 Precondition		
 Selected short position's quantity has been offset		Verify
 Update of the selected short position's quantity		
 Selected short position's quantity is Updated		Verify

### 58 - Update of the selected strange net 1 position's quantity

*Update of the selected strange net 1 position's quantity*

 Precondition		
 Selected strange net 1 position's quantity has been offset		Verify
 Update of the selected strange net 1 position's quantity		
 Selected strange net 1 position's quantity is Updated		Verify

### 59 - Update of the selected strange net 2 position's quantity

*Update of the selected strange net 2 position's quantity*

 Precondition		
 Selected strange net 2 position's quantity has been offset		Verify
 Update of the selected strange net 2 position's quantity		
 Selected strange net 2 position's quantity is Updated		Verify

### 60 - Update of the selected strange net 3 position's quantity

*Update of the selected strange net 3 position's quantity*

 Precondition		
 Selected strange net 3 position's quantity has been offset		Verify

 Update of the selected strange net 3 position's quantity		
 Selected strange net 3 position's quantity is Updated		Verify

### C 61 - Update of the selected strange net 4 position's quantity

*Update of the selected strange net 4 position's quantity*

 Precondition		
 Selected strange net 4 position's quantity has been offset		Verify
 Update of the selected strange net 4 position's quantity		
 Selected strange net 4 position's quantity is Updated		Verify

### C 62 - Update of the selected strange net 5 position's quantity

*Update of the selected strange net 5 position's quantity*

 Precondition		
 Selected strange net 5 position's quantity has been offset		Verify
 Update of the selected strange net 5 position's quantity		
 Selected strange net 5 position's quantity is Updated		Verify

### C 63 - Update of the selected strange net 6 position's quantity

*Update of the selected strange net 6 position's quantity*

 Precondition		
 Selected strange net 6 position's quantity has been offset		Verify
 Update of the selected strange net 6 position's quantity		
 Selected strange net 6 position's quantity is Updated		Verify

### C 65 - Update of the selected long position's countervalue

*Update of the selected long position's countervalue*

 Precondition		
 Selected long position's countervalue has been offset		Verify
 Update of the selected long position's countervalue		
 Selected long position's countervalue is Updated		Verify

### C 66 - Update of the selected short position's countervalue

*Update of the selected short position's countervalue*

 Precondition		
 Selected short position's countervalue has been offset		Verify
 Update of the selected short position's countervalue		
 Selected short position's countervalue is Updated		Verify

 67 - Update of the selected strange net 1 position's countervalue	<i>Update of the selected strange net 1 position's countervalue</i>	
 Precondition		
 Selected strange net 1 position's countervalue has been offset		Verify
 Update of the selected strange net 1 position's countervalue		
 Selected strange net 1 position's countervalue is Updated		Verify
 68 - Update of the selected strange net 2 position's countervalue	<i>Update of the selected strange net 2 position's countervalue</i>	
 Precondition		
 Selected strange net 2 position's countervalue has been offset		Verify
 Update of the selected strange net 2 position's countervalue		
 Selected strange net 2 position's countervalue is Updated		Verify
 69 - Update of the selected strange net 3 position's countervalue	<i>Update of the selected strange net 3 position's countervalue</i>	
 Precondition		
 Selected strange net 3 position's countervalue has been offset		Verify
 Update of the selected strange net 3 position's countervalue		
 Selected strange net 3 position's countervalue is Updated		Verify
 70 - Update of the selected strange net 4 position's countervalue	<i>Update of the selected strange net 4 position's countervalue</i>	
 Precondition		
 Selected strange net 4 position's countervalue has been offset		Verify
 Update of the selected strange net 4 position's countervalue		
 Selected strange net 4 position's countervalue is Updated		Verify
 71 - Update of the selected strange net 5 position's countervalue	<i>Update of the selected strange net 5 position's countervalue</i>	
 Precondition		
 Selected strange net 5 position's countervalue has been offset		Verify
 Update of the selected strange net 5 position's countervalue		
 Selected strange net 5 position's countervalue is Updated		Verify

<b>C 72 - Update of the selected strange net 6 position's countervalue</b>		
<i>Update of the selected strange net 6 position's countervalue</i>		
 Precondition		
 Selected strange net 6 position's countervalue has been offset		Verify
 Update of the selected strange net 6 position's countervalue		
 Selected strange net 6 position's countervalue is Updated		Verify
<b>C 55 - Selection of criteria for offset</b>		
<i>Selection of criteria for offset</i>		
 Precondition		
 Selection of a long position and a short position		Verify
 selection of criteria for offset: SA ID, ISIN, Settlem. Currency, TD, ISD, Market		
 Positions with same criteria are offset		Verify
<b>C CSD Communications FN00040239 P</b>		
<i>Settlement Instructing is performed by the Clearing System usually between 17.00 and 17.30 (maximum cut-off at 21.00) with the dispatch of settlement instructions having ISD=SD+1 to CSD via SWIFT MT54X.</i>		
 Precondition		
 Process of Communications to CSD scheduled		Verify
 Clearing system send the settlement instruction via Swift MT54X		
 Swift MT54X sent to CSD		Verify
<b>C Unique settlement reference FN00040220 P</b>		
<i>The settlement instruction is characterized by a unique settlement reference [Position Account Items][Settlement ref.], linked to the open positions.</i>		
 Check that the settlement instruction is characterized by a unique settlement reference		
 Settlement instruction is characterized by a unique settlement reference		Verify
<b>C 74 - Generation of settlement instructions from the open long positions</b>		
<i>Generation of settlement instructions from the open long positions</i>		
 Precondition		
 There is no further long position position to offset		Verify
 Generation of settlement instructions from the open long positions		
 Settlement instructions are generated from the open long positions and sent to CSD		Verify
<b>C 75 - Generation of settlement instructions from the open short positions</b>		
<i>Generation of settlement instructions from the open short positions</i>		
 Precondition		
 There is no further short position position to offset		Verify

 Generation of settlement instructions from the open short positions		
 Settlement instructions are generated from the open short positions and sent to CSD		Verify

## C 76 - Generation of settlement instructions from the open strange net 1 positions

*Generation of settlement instructions from the open strange net 1 positions*

 Precondition		
 There is no further strange net 1 position position to offset		Verify
 Generation of settlement instructions from the open strange net 1 positions		
 Settlement instructions are generated from the open strange net 1 positions and sent to CSD		Verify

## C 77 - Generation of settlement instructions from the open strange net 2 positions

*Generation of settlement instructions from the open strange net 2 positions*

 Precondition		
 There is no further strange net 2 position position to offset		Verify
 Generation of settlement instructions from the open strange net 2 positions		
 Settlement instructions are generated from the open strange net 2 positions and sent to CSD		Verify

## C 78 - Generation of settlement instructions from the open strange net 3 positions

*Generation of settlement instructions from the open strange net 3 positions*

 Precondition		
 There is no further strange net 3 position position to offset		Verify
 Generation of settlement instructions from the open strange net 3 positions		
 Settlement instructions are generated from the open strange net 3 positions and sent to CSD		Verify

## C 79 - Generation of settlement instructions from the open strange net 4 positions

*Generation of settlement instructions from the open strange net 4 positions*

 Precondition		
 There is no further strange net 4 position position to offset		Verify
 Generation of settlement instructions from the open strange net 4 positions		
 Settlement instructions are generated from the open strange net 4 positions and sent to CSD		Verify

## C 80 - Generation of settlement instructions from the open strange net 5 positions

*Generation of settlement instructions from the open strange net 5 positions*

 Precondition		
 There is no further strange net 5 position position to offset		Verify
 Generation of settlement instructions from the open strange net 5 positions		

 Settlement instructions are generated from the open strange net 5 positions and sent to CSD		Verify
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C 81 - Generation of settlement instructions from the open strange net 6 positions		
<i>Generation of settlement instructions from the open strange net 6 positions</i>		
 Precondition		
 There is no further strange net 6 position position to offset		Verify
 Generation of settlement instructions from the open strange net 6 positions		
 Settlement instructions are generated from the open strange net 6 positions and sent to CSD		Verify

C Allocation FN00040225 P		
<i>The Clearing System executes the allocation in the following order:</i>		
1. Clearing system allocates as many positions as possible on the security leg level following the allocation priority, and, where possible, allocates the cash leg of the selected positions as well;		
2. Following the allocation of all possible quantities, it checks on the remaining cash legs whether any further allocation among the positions on the cash leg level is possible. Check that process select further positions to be allocated		
 Precondition		
 Allocation process		Verify
 Check the correct recursive allocation process		
 This process goes on until there is no further position to be allocated		Verify

C 55 - Update of the selected long position's quantity		
<i>Update of the selected long position's quantity</i>		
 Precondition		
 Selected long position's quantity has been allocated		Verify
 Update of the selected long position's quantity		
 Selected long position's quantity is updated		Verify

C 56 - Update of the selected short position's quantity		
<i>Update of the selected short position's quantity</i>		
 Precondition		
 Selected short position's quantity has been allocated		Verify
 Update of the selected short position's quantity		
 Selected short position's quantity is updated		Verify

C 57 - Update of the selected strange net 1 position's quantity		
<i>Update of the selected strange net 1 position's quantity</i>		
 Precondition		
 Selected strange net 1 position's quantity has been allocated		Verify
 Update of the selected strange net 1 position's quantity		
 Selected strange net 1 position's quantity is updated		Verify

 58 - Update of the selected strange net 2 position's quantity	<i>Update of the selected strange net 2 position's quantity</i>	
<i>Update of the selected strange net 2 position's quantity</i>		
 Precondition		
 Selected strange net 2 position's quantity has been allocated		Verify
 Update of the selected strange net 2 position's quantity		
 Selected strange net 2 position's quantity is updated		Verify
 59 - Update of the selected strange net 3 position's quantity	<i>Update of the selected strange net 3 position's quantity</i>	
<i>Update of the selected strange net 3 position's quantity</i>		
 Precondition		
 Selected strange net 3 position's quantity has been allocated		Verify
 Update of the selected strange net 3 position's quantity		
 Selected strange net 3 position's quantity is updated		Verify
 60 - Update of the selected strange net 4 position's quantity	<i>Update of the selected strange net 4 position's quantity</i>	
<i>Update of the selected strange net 4 position's quantity</i>		
 Precondition		
 Selected strange net 4 position's quantity has been allocated		Verify
 Update of the selected strange net 4 position's quantity		
 Selected strange net 4 position's quantity is updated		Verify
 61 - Update of the selected strange net 5 position's quantity	<i>Update of the selected strange net 5 position's quantity</i>	
<i>Update of the selected strange net 5 position's quantity</i>		
 Precondition		
 Selected strange net 5 position's quantity has been allocated		Verify
 Update of the selected strange net 5 position's quantity		
 Selected strange net 5 position's quantity is updated		Verify
 62 - Update of the selected strange net 6 position's quantity	<i>Update of the selected strange net 6 position's quantity</i>	
<i>Update of the selected strange net 6 position's quantity</i>		
 Precondition		
 Selected strange net 6 position's quantity has been allocated		Verify
 Update of the selected strange net 6 position's quantity		
 Selected strange net 6 position's quantity is updated		Verify

 64 - Update of the selected long position's countervalue	<i>Update of the selected long position's countervalue</i>	
 Precondition		
 Selected long position's countervalue has been allocated		Verify
 Update of the selected long position's countervalue		
 Selected long position's countervalue is updated		Verify
 65 - Update of the selected short position's countervalue	<i>Update of the selected short position's countervalue</i>	
 Precondition		
 Selected short position's countervalue has been allocated		Verify
 Update of the selected short position's countervalue		
 Selected short position's countervalue is updated		Verify
 66 - Update of the selected strange net 1 position's countervalue	<i>Update of the selected strange net 1 position's countervalue</i>	
 Precondition		
 Selected strange net 1 position's countervalue has been allocated		Verify
 Update of the selected strange net 1 position's countervalue		
 Selected strange net 1 position's countervalue is updated		Verify
 67 - Update of the selected strange net 2 position's countervalue	<i>Update of the selected strange net 2 position's countervalue</i>	
 Precondition		
 Selected strange net 2 position's countervalue has been allocated		Verify
 Update of the selected strange net 2 position's countervalue		
 Selected strange net 2 position's countervalue is updated		Verify
 68 - Update of the selected strange net 3 position's countervalue	<i>Update of the selected strange net 3 position's countervalue</i>	
 Precondition		
 Selected strange net 3 position's countervalue has been allocated		Verify
 Update of the selected strange net 3 position's countervalue		
 Selected strange net 3 position's countervalue is updated		Verify
 69 - Update of the selected strange net 4 position's countervalue	<i>Update of the selected strange net 4 position's countervalue</i>	
 Precondition		

 Selected strange net 4 position's countervalue has been allocated		Verify
 Update of the selected strange net 4 position's countervalue		
 Selected strange net 4 position's countervalue is updated		Verify

### C 70 - Update of the selected strange net 5 position's countervalue

*Update of the selected strange net 5 position's countervalue*

 Precondition		
 Selected strange net 5 position's countervalue has been allocated		Verify
 Update of the selected strange net 5 position's countervalue		
 Selected strange net 5 position's countervalue is updated		Verify

### C 71 - Update of the selected strange net 6 position's countervalue

*Update of the selected strange net 6 position's countervalue*

 Precondition		
 Selected strange net 6 position's countervalue has been allocated		Verify
 Update of the selected strange net 6 position's countervalue		
 Selected strange net 6 position's countervalue is updated		Verify

### C 1 - 1) Long Position - Highest price

*Correct priority of Long Position with the highest price*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the long position with the highest price		
 Correct selection of the long position		Verify

### C 2 - 2) Long Position - Smallest quantity

*Correct priority of Long Position with the highest price and the smallest quantity*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the long position with the smallest quantity (in absolute terms)		
 Correct selection of the long position		Verify

### C 3 - 3) Long Position - Randomly

*Correct priority of Long Position with the highest price and the smallest quantity, randomly selected*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the long position randomly		
 Correct selection of the long position		Verify

#### 4 - 1) Short Position - Highest price

*Correct priority of Short Position with the lowest price*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the short position with the lowest price		
 Correct selection of the short position		Verify

#### 5 - 2) Short Position - Smallest quantity

*Correct priority of Short Position with the lowest price and the smallest quantity*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the short position with the smallest quantity (in absolute terms)		
 Correct selection of the short position		Verify

#### 6 - 3) Short Position - Randomly

*Correct priority of Short Position with the lowest price and the smallest quantity, randomly selected*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the short position randomly		
 Correct selection of the short position		Verify

#### 7 - 1) Strange Net 1 - Long Position - Highest price

*Correct priority of strange net 1/long position with the highest price*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify

 Check the System selected the strange net 1/long position with the highest price		
 Correct selection of the strange net 1/long position		Verify

### C 8 - 2) Strange Net 1 - Long Position - Smallest quantity

*Correct priority of strange net 1/long position with the highest price and the smallest quantity*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the strange net 1/long position with the smallest quantity (in absolute terms)		
 Correct selection of the strange net 1/long position		Verify

### C 9 - 3) Strange Net 1 - Long Position - Randomly

*Correct priority of strange net 1/long position with the highest price and the smallest quantity, randomly selected*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the strange net 1/long position randomly		
 Correct selection of the strange net 1/long position		Verify

### C 10 - 1) strange net 2 - Long Position - Highest price

*Correct priority of strange net 2/long position with the highest price*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the strange net 2/long position with the highest price		
 Correct selection of the strange net 2/long position		Verify

### C 11 - 2) strange net 2 - Long Position - Smallest quantity

*Correct priority of strange net 2/long position with the highest price and the smallest quantity*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the strange net 2/long position with the smallest quantity (in absolute terms)		
 Correct selection of the strange net 2/long position		Verify

<b>C 12 - 3) strange net 2 - Long Position - Randomly</b>		
<i>Correct priority of strange net 2/long position with the highest price and the smallest quantity, randomly selected</i>		
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the strange net 2/long position randomly		
 Correct selection of the strange net 2/long position		Verify
<b>C 13 - 1) Strange net 3 - Short Position - lowest price</b>		
<i>Correct priority of strange net 3/Short Position with the lowest price</i>		
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the strange net 3/short position with the lowest price		
 Correct selection of the strange net 3/short position		Verify
<b>C 14 - 2) Strange Net 3 - Short Position - Smallest quantity</b>		
<i>Correct priority of strange net 3/Short Position with the lowest price and the smallest quantity</i>		
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the strange net 3/short position with the smallest quantity (in absolute terms)		
 Correct selection of the strange net 3/short position		Verify
<b>C 15 - 3) Strange net 3 - Short Position - Randomly</b>		
<i>Correct priority of strange net 3/Short Position with the lowest price and the smallest quantity, randomly selected</i>		
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the strange net 3/short position randomly		
 Correct selection of the strange net 3/short position		Verify
<b>C 16 - 1) strange net 4 - Short Position - lowest price</b>		
<i>Correct priority of strange net 4/Short Position with the lowest price</i>		
 Precondition 1		

 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the strange net 4/short position with the lowest price		
 Correct selection of the strange net 4/short position		Verify

### C 17 - 2) strange net 4 - Short Position - Smallest quantity

*Correct priority of strange net 4/Short Position with the lowest price and the smallest quantity*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the strange net 4/short position with the smallest quantity (in absolute terms)		
 Correct selection of the strange net 4/short position		Verify

### C 18 - 3) strange net 4 - Short Position - Randomly

*Correct priority of strange net 4/Short Position with the lowest price and the smallest quantity, randomly selected*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the strange net 4/short position randomly		
 Correct selection of the strange net 4/short position		Verify

### C 19 - 1) strange net 5 - Long Position - Highest price

*Correct priority of strange net 5/long position with the highest price*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the strange net 5/long position with the highest price		
 Correct selection of the strange net 5/long position		Verify

### C 21 - 3) strange net 5 - Long Position - Randomly

*Correct priority of strange net 5/long position with the highest price and the smallest quantity, randomly selected*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify

 Check the System selected the strange net 5/long position randomly		
 Correct selection of the strange net 5/long position		Verify

### C 22 - 1) strange net 6 - Short Position - Highest price

*Correct priority of strange net 6/Short Position with the lowest price*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the strange net 6/short position with the lowest price		
 Correct selection of the strange net 6/short position		Verify

### C 24 - 3) strange net 6 - Short Position - Randomly

*Correct priority of strange net 6/Short Position with the lowest price and the smallest quantity, randomly selected*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the strange net 6/short position randomly		
 Correct selection of the strange net 6/short position		Verify

### C 25 - Allocation without priority

*Positions allocated without considering priority*

 Precondition 1		
 Only one Position Account linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System doesn't consider priority		
 Positions allocated without considering priority		Verify

### C 26 - Different participants - NCM

*Correct quantity allocation among different participants*

 Precondition 1		
 Two or more Position Accounts referring to a NCM different from other participants linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check quantity allocation among different participants		
 Correct quantity allocation among different participants		Verify

 27 - Different participants - RC	<i>Correct quantity allocation among different participants</i>	
 Precondition 1		
 Two or more Position Accounts referring to a RC different from other participants linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check quantity allocation among different participants		
 Correct quantity allocation among different participants		Verify
 28 - 1) Long Position - Highest price	<i>Correct priority of Long Position with the highest price</i>	
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify
 Check the System selected the long position with the highest price		
 Correct selection of the long position		Verify
 29 - 2) Long Position - Smallest quantity	<i>Correct priority of Long Position with the highest price and the smallest quantity</i>	
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify
 Check the System selected the long position with the smallest quantity (in absolute terms)		
 Correct selection of the long position		Verify
 30 - 3) Long Position - Randomly	<i>Correct priority of Long Position with the highest price and the smallest quantity, randomly selected</i>	
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify
 Check the System selected the long position randomly		
 Correct selection of the long position		Verify
 31 - 1) Short Position - Highest price	<i>Correct priority of Short Position with the lowest price</i>	

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify
 Check the System selected the short position with the lowest price		
 Correct selection of the short position		Verify

### 32 - 2) Short Position - Smallest quantity

*Correct priority of Short Position with the lowest price and the smallest quantity*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify
 Check the System selected the short position with the smallest quantity (in absolute terms)		
 Correct selection of the short position		Verify

### 33 - 3) Short Position - Randomly

*Correct priority of Short Position with the lowest price and the smallest quantity, randomly selected*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify
 Check the System selected the short position randomly		
 Correct selection of the short position		Verify

### 34 - 1) Strange Net 1 - short Position - lowest price

*Correct priority of strange net 1/short position with the lowest price*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify
 Check the System selected the strange net 1/short position with the lowest price		
 Correct selection of the strange net 1/short position		Verify

### 35 - 2) Strange Net 1 - short Position - Smallest quantity

*Correct priority of strange net 1/short position with the lowest price and the smallest quantity*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify

 Check the System selected the strange net 1/short position with the smallest quantity (in absolute terms)		
 Correct selection of the strange net 1/short position		Verify

 36 - 3) Strange Net 1 - short Position - Randomly		
<i>Correct priority of strange net 1/short position with the lowest price and the smallest quantity, randomly selected</i>		
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify
 Check the System selected the strange net 1/short position randomly		
 Correct selection of the strange net 1/short position		Verify

 37 - 1) strange net 2 - Long Position - Highest price		
<i>Correct priority of strange net 2/long position with the highest price</i>		
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify
 Check the System selected the strange net 2/long position with the highest price		
 Correct selection of the strange net 2/long position		Verify

 38 - 2) strange net 2 - Long Position - Smallest quantity		
<i>Correct priority of strange net 2/long position with the highest price and the smallest quantity</i>		
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify
 Check the System selected the strange net 2/long position with the smallest quantity (in absolute terms)		
 Correct selection of the strange net 2/long position		Verify

 39 - 3) strange net 2 - Long Position - Randomly		
<i>Correct priority of strange net 2/long position with the highest price and the smallest quantity, randomly selected</i>		
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify
 Check the System selected the strange net 2/long position randomly		
 Correct selection of the strange net 2/long position		Verify

 40 - 1) Strange net 3 - long Position - highest price	<i>Correct priority of strange net 3/long Position with the highest price</i>	
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify
 Check the System selected the strange net 3/long position with the highest price		
 Correct selection of the strange net 3/long position		Verify

 41 - 2) Strange Net 3 - long Position - Smallest quantity	<i>Correct priority of strange net 3/long Position with the highest price and the smallest quantity</i>	
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify
 Check the System selected the strange net 3/long position with the smallest quantity (in absolute terms)		
 Correct selection of the strange net 3/long position		Verify

 42 - 3) Strange net 3 - long Position - Randomly	<i>Correct priority of strange net 3/long Position with the highest price and the smallest quantity, randomly selected</i>	
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify
 Check the System selected the strange net 3/long position randomly		
 Correct selection of the strange net 3/long position		Verify

 43 - 1) strange net 4 - Short Position - lowest price	<i>Correct priority of strange net 4/Short Position with the lowest price</i>	
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify
 Check the System selected the strange net 4/short position with the lowest price		
 Correct selection of the strange net 4/short position		Verify

 44 - 2) strange net 4 - Short Position - Smallest quantity	<i>Correct priority of strange net 4/Short Position with the lowest price and the smallest quantity</i>	
 Precondition 1		

 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify
 Check the System selected the strange net 4/short position with the smallest quantity (in absolute terms)		
 Correct selection of the strange net 4/short position		Verify

#### 45 - 3) strange net 4 - Short Position - Randomly

*Correct priority of strange net 4/Short Position with the lowest price and the smallest quantity, randomly selected*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify
 Check the System selected the strange net 4/short position randomly		
 Correct selection of the strange net 4/short position		Verify

#### 46 - 1) strange net 5 - Long Position - Highest price

*Correct priority of strange net 5/long position with the highest price*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify
 Check the System selected the strange net 5/long position with the highest price		
 Correct selection of the strange net 5/long position		Verify

#### 48 - 3) strange net 5 - Long Position - Randomly

*Correct priority of strange net 5/long position with the highest price and the smallest quantity, randomly selected*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify
 Check the System selected the strange net 5/long position randomly		
 Correct selection of the strange net 5/long position		Verify

#### 49 - 1) strange net 6 - Short Position - lowest price

*Correct priority of strange net 6/Short Position with the lowest price*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify

 Check the System selected the strange net 6/short position with the lowest price		
 Correct selection of the strange net 6/short position		Verify

### C 51 - 3) strange net 6 - Short Position - Randomly

*Correct priority of strange net 6/Short Position with the lowest price and the smallest quantity, randomly selected*

 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Countervalue allocation process started		Verify
 Check the System selected the strange net 6/short position randomly		
 Correct selection of the strange net 6/short position		Verify

### C 52 - Allocation without priority

*Positions allocated without considering priority*

 Precondition 1		
 Only one Position Account linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System doesn't consider priority		
 Positions allocated without considering priority		Verify

### C 53 - Different participants - NCM

*Correct quantity allocation among different participants*

 Precondition 1		
 Two or more Position Accounts referring to a NCM different from other participants linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check quantity allocation among different participants		
 Correct quantity allocation among different participants		Verify

### C 54 - Different participants - RC

*Correct quantity allocation among different participants*

 Precondition 1		
 Two or more Position Accounts referring to a RC different from other participants linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check quantity allocation among different participants		
 Correct quantity allocation among different participants		Verify

<b>C Information to clearing members FN00040241 P</b>		
<i>In BCS a settlement page informs about:</i>		
<ul style="list-style-type: none"> <li>- status of positions on ISD (ISD SOD open - position/offset/allocation -&gt; current open position)</li> <li>- status of positions not settled on ISD on each day till settlement (ISD SOD open position/offset/allocation on ISD; allocation on ISD+1, allocation on ISD+n) -&gt; current open position)</li> </ul>		
 Precondition		
 Process of Communications from BCS scheduled		Verify
 Check the settlement informations from BCS		
 Settlement instructions from BCS received		Verify
<b>C Information to clearing members FN00040243 P</b>		
<i>SWIFT messages MT536-MT537 are sent to Clearing Members at when BCS opens. The next updates on the status of settlement and the dispatch of SWIFT messages are sent to Clearing Members until the EOD update takes place.</i>		
 Precondition		
 Process of Communications from BCS scheduled		Verify
 Check the settlement informations from BCS		
 Settlement instructions from BCS received		Verify
<b>C Report MP20 Open Positions</b>		
 Precondition		
 Daily Schedule Up&Running		Input
 Intraday generation of MP20 Report		
 The report indicates all Open Positions along with value and quantity		Input
<b>C Report MP21 Open Settlement Instructions</b>		
 Precondition		
 Daily Schedule Up&Running		Input
 Intraday generation of MP21 Report		
 The report indicates all final Settlement Balances along with value and quantity		Input
<b>C Report MS20 Settlement</b>		
 Precondition		
 Daily Schedule Up&Running		Input
 Intraday generation of MS20 Report		
 The report shows the amount of the Settlement Balance and the details of the positions to be settled		Input
<b>C Report MS21 Settlement Balance</b>		
 Precondition		
 Daily Schedule Up&Running		Input
 Intraday generation of MS21 Report		
 The report shows the Settlement Balance and the details of the positions settled during the settlement day		Input

C Report MS23 Settlement Forecast		
 Precondition		
 Daily Schedule Up&Running		Input
 Intraday generation of MS23 Report		
 The report shows in particular the Unsettled Quantity, Unsettled Amount and Settlement Status		Input
C File Transfer FN00006035 P		
<i>The protocol supports the possibility to process a variable number of Files each day.</i>		
 Precondition		
 Provider sent more than one message per day		Verify
 Provider sent more than one message in 30 minutes		Verify
 Execute the process and verify the correct Processing of input Files when more than one File arrived in one day		
 Files correctly processed		Verify
 Check that the consumer cant process more than one File in 30 minutes		
 The consumer cant process more than one File in 30 minutes		Verify
C File Transfer Processing FN00006042 P		
<i>The File content is formatted using a "semi colon delimited"</i>		
 Precondition		
 Provider sent an Exchange Rate File		Verify
 Provider sent an Exchange Rate File on a Clearing Holidays date (e.g. 24.12)		Verify
 Execute the process		
 System processes the correctly formatted File		Verify
 System processes the File		Verify
C File Transfer Processing FN00006067 P		
<i>The Exchange Rate File feeds the Clearing System internal Exchange Rate archive.</i>		
 Precondition		
 Provider sent a correct Exchange Rate File		Verify
 Execute the process and check the records in database		
 For each row in the Exchange Rate File two rows are stored in the internal database.		Verify
C File Transfer Processing FN00006039 N		
<i>The Consumer cannot accept price dates different from the business date in which the File is processed.</i>		
 Precondition		
 Provider sent a date different from business date		Verify
 Execute the process		
 Consumer discard the records with price dates <> Business dates		Verify

## File Transfer Processing FN00006041 P

*The new record overwrites what already present in the internal archive.*

 Precondition		
 Provider sent a field subset "DATE/TIME/CURRENCY" that is already in the database		Verify
 Execute the process and check the record on database		
 The new record overwrites what already present in the internal archive.		Verify

## File Transfer FN00005832 P

*The protocol supports the possibility to process a variable number of Files each day.*

 Precondition		
 Provider sent more than one message per day		Verify
 Provider sent more than one message in 30 minutes		Verify
 Execute the process and verify the correct processing of input Files when more than one File arrived in one day		
 Files correctly processed		Verify
 Check that the consumer cant process more than one File in 30 minutes		
 The consumer cant process more than one File in 30 minutes		Verify

## File Processing FN00005836 P

*The File content is formatted using a "fixed-length field format" and does not include any header or footer row.*

 Precondition		
 Provider sent a Price File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

## File Processing FN00005836 N

*Process doesn't elaborate files on a Clearing Holidays date*

 Precondition		
 Provider sent an Price Feed File on a Clearing Holidays date (e.g. 24.12)		Verify
 Execute the process		
 System doesn't process the File on Clearing Holidays date		Verify

## File Processing FN00005837 N

*The Consumer discards a Price record if The Price date/time is strictly older than the last valid Price record stored for the financial instrument.*

- The Price date/time is strictly higher than the current business date.
- There are records referring to the same instrument in the same File with more recent date/time.
- The ISIN code reference is not found in the Consumer System.

 Precondition		
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 Provider sent Price dates different from the business date in which the File is processed		Verify
 Execute the process and check the discarded records		
 Consumer discard the records respecting discarding rules		Verify

### File Processing FN00005838 P

*The new record overwrites what already present in the internal archive.*

 Precondition		
 Provider sent a field subset "DATE/TIME/CURRENCY" that is already in the database		Verify
 Execute the process and check the record on database		
 The new record overwrites what already present in the internal archive.		Verify

### Contingency Solution FN00006506 P

*In case the last Trade File is not available before the EOD, the Trade File is submitted the following business day.*

 Precondition		
 Provider didn't send last Trade File		Verify
 The File submission shall respect the rules in attach		
 The process elaborate the Trade File the next business day		Verify

### Contingency Solution FN00006507 P

*The System shall be able to handle the situation in which the last Trade File is not available before the EOD and the exchange cannot produce the File in the expected format.*

 Precondition		
 Provider didn't send last Trade File and the exchange cannot produce the File in the expected format		Verify
 CSV File with correct File format		Verify
 The File submission shall respect the rules in attach		
 Trade File will be charged on GUI by File upload functionality		Verify
 CSV File format respect the rules in attach		
 CSV File accepted by GUI File upload functionality		Verify

### Contingency Solution FN00006507 N

*The System discard the File with bad field separator*

 Precondition		
 CSV File with field separator "<> ;"		Verify
 CSV File with field format		Verify
 CSV File with multiple row per trade		Verify

 CSV File with header or footer		Verify
 CSV File without a mandatory field		Verify
 Trade Feed File received		Verify
 Trade Feed File received		Verify
 Failure during Trade Feed File processing		Verify
 Failure during Trade Feed File processing		Verify
 Failure during Trade Feed File processing		Verify
 Execute the process and check discards		
 CSV File discarded by GUI		Verify
 CSV File discarded by GUI		Verify
 CSV File discarded by GUI		Verify
 CSV File discarded by GUI		Verify
 CSV File discarded by GUI		Verify
 In case of ISIN mismatch batch is stopped to permit manual amendments. When the TECH-OPS has made all the necessary amendments, the process is released starting from CHK-02.		
 Process is released starting from CHK-02		Verify
 In case of ISIN mismatch batch is stopped to permit manual amendments. When the TECH-OPS has made all the necessary amendments, the process is released starting from CHK-05.		
 Process is released starting from CHK-05		Verify
 The checkpoint is released when: 1. file upload has been correctly performed 2. TECH-OPS has made manual amendments in order to correctly continue the process		
 After manual amendments checkpoint is released		Verify
 After manual amendments checkpoint is released		Verify
 After manual amendments checkpoint is released		Verify

## Transfer Process FN00006124 P

*Correct configuration of the sftp transfer*

 Precondition		
 Provider is configurated to send message		Verify
 Execute the process, then go to the directory and check if the Provider put a Trade Feed File		
 The Trade Feed File is available in the directory		Verify

## Transfer Frequency FN00006120 P

*The protocol supports the possibility to process a variable number of Files each day.*

 Precondition		
 Provider sent more than one message per day		Verify
 Execute the process and verify the correct processing of input Files when more than one File arrived in one day		
 Files correctly processed		Verify
 Check that the consumer cant process more than one File in 30 minutes		

 The consumer cant process more than one File in 30 minutes		Verify
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C Transfer Frequency FN00006120 N		
<i>The Consumer cant process more than one File in 30 minutes</i>		
 Precondition		
 Provider sent more than one message in 30 minutes		Verify

C Trade File naming convention FN00006125 P		
<i>Process elaborate Trade Feed Files with correct Filenames bogaXXXYYYYMMDD_NN.dat 1.XXX is the Market ID ("vie" for the Vienna Market, "pra" for the Prague Market) 2.YYYYMMDD is File generation date 3.NN is a two digit incrementing number (01, 02,...) for each File produced in the given date. For the last File of the business day the value is 'ff'</i>		
 Precondition		
 Provider sent an Trade File		Verify
 Execute the process and Check that Files with correct Filename ( bogaXXXYYYYMMDD_NN.dat) are correctly processed		
 Correct Trade Files are elaborated		Verify

C Multimarket Support FN00006195 P		
<i>Consumer can process N File in input</i>		
 Precondition		
 Providers send Trade feed files for 2 markets (XVIE,XPRA)		Verify
 Process N File in input		
 System process all the N Files correctly		Verify

C File Format FN00006129 P		
<i>The File content is formatted using a fixed length format. The File structure is the following: ·Header row ·Trade rows (3 rows per trade) ·Termination row</i>		
 Precondition		
 Provider sent a Trade File with the correct format		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing on Clearing Holidays FN00006129 N		
<i>Process doesn't elaborate files on a Clearing Holidays date</i>		
 Precondition		
 Provider sent a Trade File with SD on a Clearing Holiday (e.g. 24/12)		Verify
 Execute the process		
 System correctly processes the File with SD on a Clearing Holiday (e.g. 24/12)		Verify

<b>C Header row FN00006127 P</b>		
<i>Check the correct format of File Header. Format in attach</i>		
 Precondition		
 Provider sent a Trade File with header		Verify
 Execute the process		
 System process correctly recognize the header File		Verify
<b>C Trade Data row FN00006139_1 P</b>		
<i>Check the correct format of trade data row. Format in attach</i>		
 Precondition		
 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify
<b>C Order Data row FN00006141_1 P</b>		
<i>Check the correct format of order data row. Format in attach</i>		
 Precondition		
 Provider sent a Trade File with an order data row		Verify
 Execute the process		
 System process correctly recognize order data row		Verify
<b>C Termination row FN00006133 P</b>		
<i>Check the correct format of the termination row. Format in attach</i>		
 Precondition		
 Provider sent a Trade File with a termination row		Verify
 Execute the process		
 System process correctly recognize termination row		Verify
<b>C Cumulative format FN00006199 P</b>		
<i>The last delivered File "ff" contains the trades done during the entire business day.</i>		
 Precondition		
 Provider sent the final Trade File		Verify
 Execute the process		
 System process correctly elaborate the final trade of the day		Verify
<b>C Record uniqueness FN00006197 N</b>		
<i>Unique trade is recognized based on the following combination: ISIN + Trade Number + Market + Data.</i>		

 Precondition		
 Provider sent a Trade File with a non unique record		Verify
 Execute the process		
 If a trade key has been previously received during the same business day, the record is yet present and no operation is made (validation included).		Verify

 Record uniqueness FN00006197 P		
<i>New record created if trade key is unique</i>		
 Precondition		
 Provider sent a Trade File with a unique record		Verify
 Execute the process		
 Each unique trade key not previously received during the same business day is considered a new record.		Verify

 Trade Cancelation FN00006206 P		
<i>Each unique trade key received in a specific day which is not transmitted in the further File deliveries is considered as canceled.</i>		
 Precondition		
 Provider sent a Trade File		Verify
 Execute the process and check cancelations		
 Each unique trade key received in a specific day which is not transmitted in the further File deliveries is considered as canceled.		Verify

 Trade Data row FN00006139_2 P		
<i>market status indicator O; denomination currency code DEM; deposit option Girosammelverwahrung;</i>		
 Precondition		
 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

 Trade Data row FN00006139_3 P		
<i>market status indicator C; denomination currency code DEM; deposit option Girosammelverwahrung;</i>		
 Precondition		
 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

 Trade Data row FN00006139_4 P		
<i>market status indicator V; denomination currency code DEM; deposit option Girosammelverwahrung;</i>		
 Precondition		
 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

<b>C Trade Data row FN00006139_5 P</b>		
<i>market status indicator A; denomination currency code DEM; deposit option Girosammelverwahrung;</i>		
Precondition		
Provider sent a Trade File with a trade data row		Verify
Execute the process		
System process correctly recognize trade data row		Verify
<b>C Trade Data row FN00006139_6 P</b>		
<i>market status indicator F; denomination currency code DEM; deposit option Girosammelverwahrung;</i>		
Precondition		
Provider sent a Trade File with a trade data row		Verify
Execute the process		
System process correctly recognize trade data row		Verify
<b>C Trade Data row FN00006139_7 P</b>		
<i>market status indicator O; denomination currency code EUR; deposit option Girosammelverwahrung;</i>		
Precondition		
Provider sent a Trade File with a trade data row		Verify
Execute the process		
System process correctly recognize trade data row		Verify
<b>C Trade Data row FN00006139_8 P</b>		
<i>market status indicator C; denomination currency code EUR; deposit option Girosammelverwahrung;</i>		
Precondition		
Provider sent a Trade File with a trade data row		Verify
Execute the process		
System process correctly recognize trade data row		Verify
<b>C Trade Data row FN00006139_9 P</b>		
<i>market status indicator V; denomination currency code EUR; deposit option Girosammelverwahrung;</i>		
Precondition		
Provider sent a Trade File with a trade data row		Verify
Execute the process		
System process correctly recognize trade data row		Verify
<b>C Trade Data row FN00006139_10 P</b>		
<i>market status indicator A; denomination currency code EUR; deposit option Girosammelverwahrung;</i>		
Precondition		
Provider sent a Trade File with a trade data row		Verify
Execute the process		
System process correctly recognize trade data row		Verify
<b>C Trade Data row FN00006139_11 P</b>		
<i>market status indicator F; denomination currency code EUR; deposit option Girosammelverwahrung;</i>		
Precondition		

 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

C Trade Data row FN00006139_12 P		
<i>market status indicator O; denomination currency code DEM; deposit option Streifbandverwahrung;</i>		
 Precondition		
 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

C Trade Data row FN00006139_13 P		
<i>market status indicator C; denomination currency code DEM; deposit option Streifbandverwahrung;</i>		
 Precondition		
 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

C Trade Data row FN00006139_14 P		
<i>market status indicator V; denomination currency code DEM; deposit option Streifbandverwahrung;</i>		
 Precondition		
 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

C Trade Data row FN00006139_15 P		
<i>market status indicator A; denomination currency code DEM; deposit option Streifbandverwahrung;</i>		
 Precondition		
 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

C Trade Data row FN00006139_16 P		
<i>market status indicator F; denomination currency code DEM; deposit option Streifbandverwahrung;</i>		
 Precondition		
 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

C Trade Data row FN00006139_17 P		
<i>market status indicator O; denomination currency code EUR; deposit option Streifbandverwahrung;</i>		
 Precondition		
 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

<b>C Trade Data row FN00006139_18 P</b>		
<i>market status indicator C; denomination currency code EUR; deposit option Streifbandverwahrung;</i>		
Precondition		
Provider sent a Trade File with a trade data row		Verify
Execute the process		
System process correctly recognize trade data row		Verify
<b>C Trade Data row FN00006139_19 P</b>		
<i>market status indicator V; denomination currency code EUR; deposit option Streifbandverwahrung;</i>		
Precondition		
Provider sent a Trade File with a trade data row		Verify
Execute the process		
System process correctly recognize trade data row		Verify
<b>C Trade Data row FN00006139_20 P</b>		
<i>market status indicator A; denomination currency code EUR; deposit option Streifbandverwahrung;</i>		
Precondition		
Provider sent a Trade File with a trade data row		Verify
Execute the process		
System process correctly recognize trade data row		Verify
<b>C Trade Data row FN00006139_21 P</b>		
<i>market status indicator F; denomination currency code EUR; deposit option Streifbandverwahrung;</i>		
Precondition		
Provider sent a Trade File with a trade data row		Verify
Execute the process		
System process correctly recognize trade data row		Verify
<b>C Trade Data row FN00006139_22 P</b>		
<i>market status indicator O; denomination currency code DEM; deposit option Wertpapierrechnung;</i>		
Precondition		
Provider sent a Trade File with a trade data row		Verify
Execute the process		
System process correctly recognize trade data row		Verify
<b>C Trade Data row FN00006139_23 P</b>		
<i>market status indicator C; denomination currency code DEM; deposit option Wertpapierrechnung;</i>		
Precondition		
Provider sent a Trade File with a trade data row		Verify
Execute the process		
System process correctly recognize trade data row		Verify
<b>C Trade Data row FN00006139_24 P</b>		
<i>market status indicator V; denomination currency code DEM; deposit option Wertpapierrechnung;</i>		
Precondition		

 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

C Trade Data row FN00006139_25 P		
<i>market status indicator A; denomination currency code DEM; deposit option Wertpapierrechnung;</i>		
 Precondition		
 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

C Trade Data row FN00006139_26 P		
<i>market status indicator F; denomination currency code DEM; deposit option Wertpapierrechnung;</i>		
 Precondition		
 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

C Trade Data row FN00006139_27 P		
<i>market status indicator O; denomination currency code EUR; deposit option Wertpapierrechnung;</i>		
 Precondition		
 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

C Trade Data row FN00006139_28 P		
<i>market status indicator C; denomination currency code EUR; deposit option Wertpapierrechnung;</i>		
 Precondition		
 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

C Trade Data row FN00006139_29 P		
<i>market status indicator V; denomination currency code EUR; deposit option Wertpapierrechnung;</i>		
 Precondition		
 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

C Trade Data row FN00006139_30 P		
<i>market status indicator A; denomination currency code EUR; deposit option Wertpapierrechnung;</i>		
 Precondition		
 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

<b>C Trade Data row FN00006139_31 P</b>		
<i>market status indicator F; denomination currency code EUR; deposit option Wertpapierrechnung;</i>		
Precondition		
Provider sent a Trade File with a trade data row		Verify
Execute the process		
System process correctly recognize trade data row		Verify
<b>C Trade Data row FN00006139_32 P</b>		
<i>market status indicator O; denomination currency code DEM; deposit option akv;</i>		
Precondition		
Provider sent a Trade File with a trade data row		Verify
Execute the process		
System process correctly recognize trade data row		Verify
<b>C Trade Data row FN00006139_33 P</b>		
<i>market status indicator C; denomination currency code DEM; deposit option akv;</i>		
Precondition		
Provider sent a Trade File with a trade data row		Verify
Execute the process		
System process correctly recognize trade data row		Verify
<b>C Trade Data row FN00006139_34 P</b>		
<i>market status indicator V; denomination currency code DEM; deposit option akv;</i>		
Precondition		
Provider sent a Trade File with a trade data row		Verify
Execute the process		
System process correctly recognize trade data row		Verify
<b>C Trade Data row FN00006139_35 P</b>		
<i>market status indicator A; denomination currency code DEM; deposit option akv;</i>		
Precondition		
Provider sent a Trade File with a trade data row		Verify
Execute the process		
System process correctly recognize trade data row		Verify
<b>C Trade Data row FN00006139_36 P</b>		
<i>market status indicator F; denomination currency code DEM; deposit option akv;</i>		
Precondition		
Provider sent a Trade File with a trade data row		Verify
Execute the process		
System process correctly recognize trade data row		Verify
<b>C Trade Data row FN00006139_37 P</b>		
<i>market status indicator O; denomination currency code EUR; deposit option akv;</i>		
Precondition		

 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

 Trade Data row FN00006139_38 P		
<i>market status indicator C; denomination currency code EUR; deposit option akv;</i>		
 Precondition		
 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

 Trade Data row FN00006139_39 P		
<i>market status indicator V; denomination currency code EUR; deposit option akv;</i>		
 Precondition		
 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

 Trade Data row FN00006139_40 P		
<i>market status indicator A; denomination currency code EUR; deposit option akv;</i>		
 Precondition		
 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

 Trade Data row FN00006139_41 P		
<i>market status indicator F; denomination currency code EUR; deposit option akv;</i>		
 Precondition		
 Provider sent a Trade File with a trade data row		Verify
 Execute the process		
 System process correctly recognize trade data row		Verify

 Order Data row FN00006141_2 P		
<i>indicator B; Account Type Code A</i>		
 Precondition		
 Provider sent a Trade File with an order data row		Verify
 Execute the process		
 System process correctly recognize order data row		Verify

 Order Data row FN00006141_3 P		
<i>indicator B; Account Type Code P</i>		
 Precondition		
 Provider sent a Trade File with an order data row		Verify
 Execute the process		
 System process correctly recognize order data row		Verify

<b>C Order Data row FN00006141_4 P</b>		
<i>indicator B; Account Type Code M</i>		
 Precondition		
 Provider sent a Trade File with an order data row		Verify
 Execute the process		
 System process correctly recognize order data row		Verify
<b>C Order Data row FN00006141_5 P</b>		
<i>indicator S; Account Type Code A</i>		
 Precondition		
 Provider sent a Trade File with an order data row		Verify
 Execute the process		
 System process correctly recognize order data row		Verify
<b>C Order Data row FN00006141_6 P</b>		
<i>indicator B; Account Type Code P</i>		
 Precondition		
 Provider sent a Trade File with an order data row		Verify
 Execute the process		
 System process correctly recognize order data row		Verify
<b>C Order Data row FN00006141_7 P</b>		
<i>indicator B; Account Type Code M</i>		
 Precondition		
 Provider sent a Trade File with an order data row		Verify
 Execute the process		
 System process correctly recognize order data row		Verify
<b>C File Transfer FN00006933 P</b>		
<i>Consumer can process N File in input</i>		
 Precondition		
 Providers send Exchange Instrument feed files for 2 markets (XVIE,XPRA)		Verify
 Process N File in input		
 System process all the N Files correctly		Verify
<b>C File Processing FN00006940_1 P</b>		
<i>class type e;liquidity t;asset class id bo;coupon frequency indicator 0;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
<b>C File Processing FN00006940_3 P</b>		
<i>class type e;liquidity n;asset class id bo;coupon frequency indicator 0;</i>		
 Precondition		

 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_5 P		
<i>class type e;liquidity t;asset class id ce;coupon frequency indicator 0;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_7 P		
<i>class type e;liquidity n;asset class id ce;coupon frequency indicator 0;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_9 P		
<i>class type e;liquidity t;asset class id fu;coupon frequency indicator 0;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_11 P		
<i>class type e;liquidity n;asset class id fu;coupon frequency indicator 0;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_13 P		
<i>class type e;liquidity t;asset class id ri;coupon frequency indicator 0;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_15 P		
<i>class type e;liquidity n;asset class id ri;coupon frequency indicator 0;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

 File Processing FN00006940_17 P		
<i>class type e;liquidity t;asset class id st;coupon frequency indicator 0;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_19 P		
<i>class type e;liquidity n;asset class id st;coupon frequency indicator 0;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_21 P		
<i>class type e;liquidity t;asset class id wa;coupon frequency indicator 0;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_23 P		
<i>class type e;liquidity n;asset class id wa;coupon frequency indicator 0;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006946 P		
<i>Each record in the received File (NEWREC) is compared with the corresponding one (OLDREC) in the existing archive</i>		
 Precondition		
 Instrument File received with a new Instrument		Verify
 Execute the process		
 IF New Instrument THEN add NEWREC to the archive		Verify
 File Processing FN00006943 P		
<i>Generation of a unique Financial Instrument Instance</i>		
 Precondition		
 Instrument File received		Verify
 Execute the process		

 The field subset "MARKET/ISIN" identifies a unique Financial Instrument Instance; when a new instance is detected a new unique identification code [Class code] is internally generated and assigned to it. In case a File contains two instances of the same Instrument the second one is discarded.		Verify
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 File Processing FN00006940 P		
<i>The File content is formatted using a "semi colon delimited"</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

 File Processing FN00006946 P_1		
<i>Update instrument</i>		
 Precondition		
 Instrument File received an already known Instrument		Verify
 Execute the process		
 Alert against CCP Operator ("Instrument updated")		Verify

 File Processing FN00006946 P_2		
<i>Reactivating Instrument</i>		
 Precondition		
 Instrument File received an already known Instrument		Verify
 Execute the process		
 Alert against CCP Operator ("Delisted Instrument reactivated")		Verify

 File Processing FN00006946 P_3		
<i>Delisting Instrument</i>		
 Precondition		
 Instrument in the archive without the corresponding NEWREC		Verify
 Execute the process		
 Update [Status]='X' (delisted)		Verify

 File Processing FN00006940 P_1		
<i>Instrument file on Holidays Date</i>		
 Precondition		
 Provider sent an Instrument File on a Clearing Holidays date (e.g. 24.12)		Verify
 Execute the process		
 System processes the File		Verify

 File Processing FN00006940_4 P		
<i>class type b;liquidity n;asset class id bo;coupon frequency indicator 0;</i>		

 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

### C File Processing FN00006940\_8 P

*class type b;liquidity n;asset class id ce;coupon frequency indicator 0;*

 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

### C File Processing FN00006940\_32 P

*class type b;liquidity n;asset class id ce;coupon frequency indicator 1;*

 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

### C File Processing FN00006940\_28 P

*class type b;liquidity n;asset class id bo;coupon frequency indicator 1;*

 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

### C File Processing FN00006940\_52 P

*class type b;liquidity n;asset class id bo;coupon frequency indicator 2;*

 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

### C File Processing FN00006940\_56 P

*class type b;liquidity n;asset class id ce;coupon frequency indicator 2;*

 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

### C File Processing FN00006940\_76 P

*class type b;liquidity n;asset class id bo;coupon frequency indicator 4;*

 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

<b>C</b>	<b>File Processing FN00006940_80 P</b>		
<i>class type b;liquidity n;asset class id ce;coupon frequency indicator 4;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_100 P</b>		
<i>class type b;liquidity n;asset class id bo;coupon frequency indicator 6;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_104 P</b>		
<i>class type b;liquidity n;asset class id ce;coupon frequency indicator 6;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_124 P</b>		
<i>class type b;liquidity n;asset class id bo;coupon frequency indicator 12;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_128 P</b>		
<i>class type b;liquidity n;asset class id ce;coupon frequency indicator 12;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Transfer FN00008605 P</b>		
<i>The protocol supports the possibility to process a variable number of Files each day.</i>			
 Precondition			
 Provider sent more than one message per day			Verify
 Provider sent more than one message in 30 minutes			Verify
 Execute the process and verify the correct processing of input Files when more than one File arrived in one day			
 Files correctly processed			Verify

 Check that the consumer cant process more than one File in 30 minutes		
 The consumer cant process more than one File in 30 minutes		Verify

## C File Processing FN00008614 P

*The file content is formatted using a fixed length format and doesn't include any header or footer row.  
Each file contains an account identification code together with its last balance and currency.*

 Precondition		
 Provider sent a Cash Collateral Feed File		Verify
 Provider sent an Cash Collateral File on a Clearing Holidays date (e.g. 24.12)		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 System processes the File		Verify

## C Contingency Solution FN00008619 N

*GUI supports update of Cash Account Balance*

 Precondition		
 Failure during Cash Collateral File processing		Verify
 Open GUI - Collateral Functionalities		
 Failures on the Cash Collateral Feed are handled via manual update of the cash account balances via GUI		Verify

## C RP-MP21 Open Settlement Instructions 2.1

*Correct layout of report*

 Precondition		
 Report MP21 produced by Clearing System		Verify
 User open report MP21		
 Layout of report MP21 is correct		Verify

## C RP-MP21 Open Settlement Instructions 2.2

*User opens report MP21 for a Clearing Member*

 Precondition		
 User opens report MP21 for a Clearing Member		Verify
 Report shows all the open settlement instructions, result of the balancing process		
 All the open settlement instructions of the member are reported		Verify

## C RP-MP21 Open Settlement Instructions 2.4

*Column shows the ISIN of all the open settlement instructions of the Clearing Member*

 Precondition		
 User opens report MP21 for a Clearing Member		Verify
 Check if column correctly shows the ISIN of all the open settlement instructions of the Clearing Member		
 Correct values of the ISIN column. Values are the same of the MP20 report		Verify

## RP-MP21 Open Settlement Instructions 2.5

*Column shows the Trade Date of all the open settlement instructions of the Clearing Member*

 Precondition		
 User opens report MP21 for a Clearing Member		Verify
 Check if column correctly shows the Trade Date of all the open settlement instructions of the Clearing Member		
 Correct values of the Trade Date column. Values are the same of the MP20 report column		Verify

## RP-MP21 Open Settlement Instructions 2.6

*Column shows the Intended Settlement Date of all the open settlement instructions of the Clearing Member*

 Precondition		
 User opens report MP21 for a Clearing Member		Verify
 Check if column correctly shows the Intended Settlement Date of all the open settlement instructions of the Clearing Member		
 Correct values of the Intended Settlement Date. Values are the same of the MP20 report column		Verify

## RP-MP21 Open Settlement Instructions 2.7

*Column shows the End of Validity Date of all the open settlement instructions of the Clearing Member*

 Precondition		
 User opens report MP21 for a Clearing Member		Verify
 Check if column correctly shows the End of Validity Date of all the open settlement instructions of the Clearing Member		
 Correct values of the End of Validity Date column		Verify

## RP-MP21 Open Settlement Instructions 2.8

*Column shows the Client Message Reference of all the open settlement instructions of the Clearing Member*

 Precondition		
 User opens report MP21 for a Clearing Member		Verify
 Check if column correctly shows the Client Message Reference of all the open settlement instructions of the Clearing Member		
 Correct values of the Client Message Reference column. Values are the same of the MP20 report column		Verify

## RP-MP21 Open Settlement Instructions 2.9

*Column shows the Market Infrastructure Message Reference of all the open settlement instructions of the Clearing Member*

 Precondition		
 User opens report MP21 for a Clearing Member		Verify
 Check if column correctly shows the Market Infrastructure Message Reference of all the open settlement instructions of the Clearing Member		

 <b>Correct values of the Market Infrastructure Message Reference column.Values are the same of the MP20 report column</b>		Verify
<b>RP-MP21 Open Settlement Instructions 2.10</b>		
<i>Original Quantity is calculated as result of the balance from the values of report MP20</i>		
 Precondition		
 User opens report MP21 for a Clearing Member		Verify
 Check the correct Original Quantity value as result of balancing process		
 Correct Original Quantity value		Verify
<b>RP-MP21 Open Settlement Instructions 2.11</b>		
<i>Original Amount is calculated as result of the balance from the values of report MP20</i>		
 Precondition		
 User opens report MP21 for a Clearing Member		Verify
 Check the correct Original Amount value as result of balancing process		
 Correct Original Amount value		Verify
<b>RP-MP21 Open Settlement Instructions 2.12</b>		
<i>Column shows the Unsettled Quantity of all the open settlement instructions of the Clearing Member</i>		
 Precondition		
 User opens report MP21 for a Clearing Member		Verify
 Check if column correctly shows the Unsettled Quantity of all the open settlement instructions of the Clearing Member		
 Correct values of the Unsettled Quantity column.Values are the same of the column Positions Quantity in MP20 report		Verify
<b>RP-MP21 Open Settlement Instructions 2.13</b>		
<i>Column shows the Unsettled Amount of all the open settlement instructions of the Clearing Member</i>		
 Precondition		
 User opens report MP21 for a Clearing Member		Verify
 Check if column correctly shows the Unsettled Amount of all the open settlement instructions of the Clearing Member		
 Correct values of the Unsettled Amount column.Values are the same of the column Position Amount in MP20 report		Verify
<b>RP-MP21 Open Settlement Instructions 2.14</b>		
<i>Column shows the Unsettled Accrued Interest of all the open settlement instructions of the Clearing Member</i>		
 Precondition		
 User opens report MP21 for a Clearing Member		Verify
 Check if column correctly shows the Unsettled Accrued Interest of all the open settlement instructions of the Clearing Member		

 Correct values of the Unsettled Accrued Interest column. Values are the same of the column Accrued Interest in MP20 report		Verify
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#### RP-MP21 Open Settlement Instructions 2.15

*Column shows the Settlement References of all the open settlement instructions of the Clearing Member*

 Precondition		
 User opens report MP21 for a Clearing Member		Verify
 Check if column correctly shows the Settlement References of all the open settlement instructions of the Clearing Member		
 Correct values of the Settlement References column		Verify

#### RP-MP21 Open Settlement Instructions 2.16

*Column shows the Settlement Account ID of all the open settlement instructions of the Clearing Member*

 Precondition		
 User opens report MP21 for a Clearing Member		Verify
 Check if column correctly shows the Settlement Account ID of all the open settlement instructions of the Clearing Member		
 Correct values of the Settlement Account ID column		Verify

#### RP-MP21 Open Settlement Instructions 2.17

*Column shows the Market of all the open settlement instructions of the Clearing Member*

 Precondition		
 User opens report MP21 for a Clearing Member		Verify
 Check if column correctly shows the Market of all the open settlement instructions of the Clearing Member		
 Correct values of the Market column. Values are the same of the column in MP20 report		Verify

#### RP-MP21 Open Settlement Instructions 2.18

*Column shows the Last Update Date&Time of all the open settlement instructions of the Clearing Member*

 Precondition		
 User opens report MP21 for a Clearing Member		Verify
 Check if column correctly shows the Last Update Date&Time of all the open settlement instructions of the Clearing Member		
 Correct values of the Last Update Date&Time column. Values are the same of the column in MP20 report		Verify

#### RP-MP21 Open Settlement Instructions 2.19

*Column shows the Currency of all the open settlement instructions of the Clearing Member*

 Precondition		
 User opens report MP21 for a Clearing Member		Verify
 Check if column correctly shows the Currency of all the open settlement instructions of the Clearing Member		

 Correct values of the Currency column. Values are the same of the column in MP20 report		Verify
<b>C RP-MP21 Open Settlement Instructions 2.3</b>		
 Clearing System produces report MP21 more times per day		
 Check if report is produced more times per day		
 Report is updated more times per day		Verify
<b>C RP-MP21 - Other date Functionality</b>		
 Is possible to extract report on a different date		
 Click on Other date bottom and select another date from calendar		
 Report of the selected date is shown		Input
<b>C RP-MP21 - Export to PDF</b>		
 Is possible to extract report on PDF format with ; separator		
 Click on Extract to PDF and select ; separator		
 Report on PDF format is available		Input
<b>C RP-MP21 - MRR - , separator</b>		
 Is possible to extract report on PDF format with , separator		
 Click on Extract to PDF and select - , separator		
 Report on PDF format is available		Input
<b>C RP-MP21 - Export to Excel</b>		
 Is possible to extract report on Excel format with ; separator		
 Click on Extract to Excel and select ; separator		
 Report on Excel format is available		Input
<b>C RP-MP21 - MRR-; separator</b>		
 Is possible to extract report on Excel format with , separator		
 Click on Extract to Excel and select - , separator		
 Report on Excel format is available		Input
<b>C RP-MS20 Settlement – Position Settled during the day 3.1</b>		
 Correct layout of report		
 Precondition		
 Report MS20 produced by Clearing System		Verify
 User open report MS20		
 Layout of report MS20 is correct		Verify
<b>C RP-MS20 Settlement – Position Settled during the day 3.2</b>		
 User opens report MS20 for a Clearing Member		
 Precondition		
 User opens report MS20 for a Clearing Member		Verify
 Report shows the amount of the Settlement Balance and the details of the positions to be settled		

 Amount of the Settlement Balance and the details of the positions to be settled are reported		Verify
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#### RP-MS20 Settlement – Position Settled during the day 3.4

*Column shows the ISIN of all the positions to be settled of the Clearing Member*

 Precondition		
 User opens report MS20 for a Clearing Member		Verify
 Check if column correctly shows the ISIN of all the positions to be settled of the Clearing Member		
 Correct values of the ISIN column. Values are the same of the MP20 report		Verify

#### RP-MS20 Settlement – Position Settled during the day 3.5

*Column shows the Trade Date of all the positions to be settled of the Clearing Member*

 Precondition		
 User opens report MS20 for a Clearing Member		Verify
 Check if column correctly shows the Trade Date of all the positions to be settled of the Clearing Member		
 Correct values of the Trade Date column. Values are the same of the MP20 report column		Verify

#### RP-MS20 Settlement – Position Settled during the day 3.6

*Column shows the Intended Settlement Date of all the positions to be settled of the Clearing Member*

 Precondition		
 User opens report MS20 for a Clearing Member		Verify
 Check if column correctly shows the Intended Settlement Date of all the positions to be settled of the Clearing Member		
 Correct values of the Intended Settlement Date. Values are the same of the MP20 report column		Verify

#### RP-MS20 Settlement – Position Settled during the day 3.7

*Column shows the Client Message Reference of all the positions to be settled of the Clearing Member*

 Precondition		
 User opens report MS20 for a Clearing Member		Verify
 Check if column correctly shows the Client Message Reference of all the positions to be settled of the Clearing Member		
 Correct values of the Client Message Reference column. Values are the same of the MP20 report column		Verify

#### RP-MS20 Settlement – Position Settled during the day 3.8

*Column shows the Market Infrastructure Message Reference of all the positions to be settled of the Clearing Member*

 Precondition		
 User opens report MS20 for a Clearing Member		Verify
 Check if column correctly shows the Market Infrastructure Message Reference of all the positions to be settled of the Clearing Member		

 <b>Correct values of the Market Infrastructure Message Reference column. Values are the same of the MP20 report column</b>		Verify
<b>RP-MS20 Settlement – Position Settled during the day 3.9</b>		
<i>Column shows the Account Category of all the positions to be settled of the Clearing Member</i>		
 Precondition		
 User opens report MS20 for a Clearing Member		Verify
 Check if column correctly shows the Account Category of all the positions to be settled of the Clearing Member		
 Correct values of the Account Category column. Values are the same of the MP20 report column		Verify
<b>RP-MS20 Settlement – Position Settled during the day 3.10</b>		
<i>Column shows the Quantity Type of all the positions to be settled of the Clearing Member</i>		
 Precondition		
 User opens report MS20 for a Clearing Member		Verify
 Check if column correctly shows the Quantity Type of all the positions to be settled of the Clearing Member		
 Correct values of the Quantity Type column. Values are the same of the MP20 report column		Verify
<b>RP-MS20 Settlement – Position Settled during the day 3.11</b>		
<i>Column shows the Position Account ID of all the positions to be settled of the Clearing Member</i>		
 Precondition		
 User opens report MS20 for a Clearing Member		Verify
 Check if column correctly shows the Position Account ID of all the positions to be settled of the Clearing Member		
 Correct values of the Position Account ID column. Values are the same of the MP20 report column		Verify
<b>RP-MS20 Settlement – Position Settled during the day 3.12</b>		
<i>Column shows the Position ID of all the positions to be settled of the Clearing Member</i>		
 Precondition		
 User opens report MS20 for a Clearing Member		Verify
 Check if column correctly shows the Position ID of all the positions to be settled of the Clearing Member		
 Correct values of the Position ID column. Values are the same of the MP20 report column		Verify
<b>RP-MS20 Settlement – Position Settled during the day 3.13</b>		
<i>Column shows the Settlement Reference of all the positions to be settled of the Clearing Member</i>		
 Precondition		
 User opens report MS20 for a Clearing Member		Verify

 Check if column correctly shows the Settlement Reference of all the positions to be settled of the Clearing Member		
 Correct values of the Settlement Reference column.Values are the same of the MP21 report column		Verify

#### RP-MS20 Settlement – Position Settled during the day 3.14

*Column shows the Position Quantity of all the positions to be settled of the Clearing Member*

 Precondition		
 User opens report MS20 for a Clearing Member		Verify
 Check if column correctly shows the Position Quantity of all the positions to be settled of the Clearing Member		
 Correct values of the Position Quantity column.Values are the result of balancing and offsetting process		Verify

#### RP-MS20 Settlement – Position Settled during the day 3.15

*Column shows the Position Amount of all the positions to be settled of the Clearing Member*

 Precondition		
 User opens report MS20 for a Clearing Member		Verify
 Check if column correctly shows the Position Amount of all the positions to be settled of the Clearing Member		
 Correct values of the Position Amount column.Values are the result of balancing and offsetting process		Verify

#### RP-MS20 Settlement – Position Settled during the day 3.16

*Column shows the Accrued Interest of all the positions to be settled of the Clearing Member. It is calculated from the Position Amount*

 Precondition		
 User opens report MS20 for a Clearing Member		Verify
 Check if column correctly shows the Accrued Interest of all the positions to be settled of the Clearing Member		
 Correct values of the Accrued Interest column		Verify

#### RP-MS20 Settlement – Position Settled during the day 3.17

*Column shows the Settled Quantity of all the positions to be settled of the Clearing Member*

 Precondition		
 User opens report MS20 for a Clearing Member		Verify
 Check if column correctly shows the Settled Quantity of all the positions to be settled of the Clearing Member		
 Correct values of the Settled Quantity column.Values are the result of balancing and offsetting process		Verify

#### RP-MS20 Settlement – Position Settled during the day 3.18

*Column shows the Settled Amount of all the positions to be settled of the Clearing Member*

 Precondition		
 User opens report MS20 for a Clearing Member		Verify
 Check if column correctly shows the Settled Amount of all the positions to be settled of the Clearing Member		
 Correct values of the Settled Amount column. Values are the result of balancing and offsetting process		Verify

#### RP-MS20 Settlement – Position Settled during the day 3.19

*Column shows the Settled Accrued Interest of all the positions to be settled of the Clearing Member. It is calculated from the Position Amount*

 Precondition		
 User opens report MS20 for a Clearing Member		Verify
 Check if column correctly shows the Settled Accrued Interest of all the positions to be settled of the Clearing Member		
 Correct values of the Settled Accrued Interest column		Verify

#### RP-MS20 Settlement – Position Settled during the day 3.20

*Column shows partial settled (PAIN) and fully settled (PARC) position*

 Precondition		
 User opens report MS20 for a Clearing Member		Verify
 Check the correct value of column for partially and fully settled positions		
 Correct values of Partial Settlement column		Verify

#### RP-MS20 Settlement – Position Settled during the day 3.21

*Column shows the Market of all the positions to be settled of the Clearing Member. It is calculated from the Position Amount*

 Precondition		
 User opens report MS20 for a Clearing Member		Verify
 Check if column correctly shows the Market of all the positions to be settled of the Clearing Member		
 Correct values of the Market column		Verify

#### RP-MS20 Settlement – Position Settled during the day 3.22

*Column shows the Last Update Date&Time of all the positions to be settled of the Clearing Member. It is calculated from the Position Amount*

 Precondition		
 User opens report MS20 for a Clearing Member		Verify
 Check if column correctly shows the Last Update Date&Time of all the positions to be settled of the Clearing Member		
 Correct values of the Last Update Date&Time column		Verify

#### RP-MS20 Settlement – Position Settled during the day 3.23

*Column shows the Currency of all the positions to be settled of the Clearing Member. It is calculated from the Position Amount*

 Precondition		
 User opens report MS20 for a Clearing Member		Verify
 Check if column correctly shows the Currency of all the positions to be settled of the Clearing Member		
 Correct values of the Currency column		Verify

 RP-MS20 Settlement – Position Settled during the day 3.3		
<i>Clearing System produces report MS20 more times per day</i>		
 Check if report is produced more times per day		
 Report is updated more times per day		Verify

 RP-MS20 - Other date Functionality		
<i>Is possible to extract report on a different date</i>		
 Click on Other date bottom and select another date from calendar		
 Report of the selected date is shown		Input

 RP-MS20 - Export to PDF		
<i>Is possible to extract report on PDF format with ; separator</i>		
 Click on Extract to PDF and select ; separator		
 Report on PDF format is available		Input

 RP-MS20 - MRR , separator		
<i>Is possible to extract report on PDF format with , separator</i>		
 Click on Extract to PDF and select - , separator		
 Report on PDF format is available		Input

 RP-MS20 - Export to Excel		
<i>Is possible to extract report on Excel format with ; separator</i>		
 Click on Extract to Excel and select ; separator		
 Report on Excel format is available		Input

 RP-MS20 - MRR ; separator		
<i>Is possible to extract report on Excel format with , separator</i>		
 Click on Extract to Excel and select - , separator		
 Report on Excel format is available		Input

 RP-MP20 Open Positions 1.1		
<i>Correct layout of report</i>		
 Precondition		
 Report MP20 produced by Clearing System		Verify
 User open report MP20		
 Layout of report MP20 is correct		Verify

 RP-MP20 Open Positions 1.2		
<i>Report shows all the open positions of the selected Clearing Member</i>		
 Precondition		

 User opens report MP20 for a Clearing Member		Verify
 Check if report shows all the open positions of the selected Clearing Member		
 All the open positions showed on report		Verify

#### C RP-MP20 Open Positions 1.4

*Column shows the ISIN of all the open positions of the Clearing Member*

 Precondition		
 User opens report MP20 for a Clearing Member with open positions		Verify
 Check if column correctly shows the ISIN of all the open positions of the Clearing Member		
 Correct values of the ISIN column		Verify

#### C RP-MP20 Open Positions 1.5

*Column shows the Trade Date of all the open positions of the Clearing Member*

 Precondition		
 User opens report MP20 for a Clearing Member with open positions		Verify
 Check if column correctly shows the Trade Date of all the open positions of the Clearing Member		
 Correct values of the Trade Date column		Verify

#### C RP-MP20 Open Positions 1.6

*Column shows the Intended Settlement Date of all the open positions of the Clearing Member*

 Precondition		
 User opens report MP20 for a Clearing Member with open positions		Verify
 Check if column correctly shows the Intended Settlement Date of all the open positions of the Clearing Member		
 Correct values of the Intended Settlement Date column		Verify

#### C RP-MP20 Open Positions 1.7

*Column shows the End of Validity Date of all the open positions of the Clearing Member*

 Precondition		
 User opens report MP20 for a Clearing Member with open positions		Verify
 Check if column correctly shows the End of Validity Date of all the open positions of the Clearing Member		
 Correct values of the End of Validity Date column		Verify

#### C RP-MP20 Open Positions 1.8

*Column shows the Client Message Reference of all the open positions of the Clearing Member*

 Precondition		
 User opens report MP20 for a Clearing Member with open positions		Verify

 Check if column correctly shows the Client Message Reference of all the open positions of the Clearing Member		
 Correct values of the Client Message Reference column		Verify

## C RP-MP20 Open Positions 1.9

*Column shows the Market Infrastructure Message Reference of all the open positions of the Clearing Member*

 Precondition		
 User opens report MP20 for a Clearing Member with open positions		Verify
 Check if column correctly shows the Market Infrastructure Message Reference of all the open positions of the Clearing Member		
 Correct values of the Market Infrastructure Message Reference column		Verify

## C RP-MP20 Open Positions 1.10

*Column shows the Account Category of all the open positions of the Clearing Member*

 Precondition		
 User opens report MP20 for a Clearing Member with open positions		Verify
 Check if column correctly shows the Account Category of all the open positions of the Clearing Member		
 Correct values of the Account Category column		Verify

## C RP-MP20 Open Positions 1.11

*Column shows the Positions Quantity of all the open positions of the Clearing Member*

 Precondition		
 User opens report MP20 for a Clearing Member with open positions		Verify
 Check if column correctly shows the Positions Quantity of all the open positions of the Clearing Member		
 Correct values of the Positions Quantity column		Verify

## C RP-MP20 Open Positions 1.12

*Column shows the Quantity Type of all the open positions of the Clearing Member*

 Precondition		
 User opens report MP20 for a Clearing Member with open positions		Verify
 Check if column correctly shows the Quantity Type of all the open positions of the Clearing Member		
 Correct values of the Quantity Type column		Verify

## C RP-MP20 Open Positions 1.13

*Column shows the Position Amount of all the open positions of the Clearing Member*

 Precondition		
 User opens report MP20 for a Clearing Member with open positions		Verify

 Check if column correctly shows the Position Amount of all the open positions of the Clearing Member		
 Correct values of the Position Amount column		Verify

### RP-MP20 Open Positions 1.14

*Column shows the Accrued Interest of all the open positions of the Clearing Member. It is calculated from the Position Amount*

 Precondition		
 User opens report MP20 for a Clearing Member with open positions		Verify
 Check if column correctly shows the Accrued Interest of all the open positions of the Clearing Member		
 Correct values of the Accrued Interest column		Verify

### RP-MP20 Open Positions 1.15

*Column shows the Position Account ID of all the open positions of the Clearing Member*

 Precondition		
 User opens report MP20 for a Clearing Member with open positions		Verify
 Check if column correctly shows the Position Account ID of all the open positions of the Clearing Member		
 Correct values of the Position Account ID column		Verify

### RP-MP20 Open Positions 1.16

*Column shows the Position ID of all the open positions of the Clearing Member*

 Precondition		
 User opens report MP20 for a Clearing Member with open positions		Verify
 Check if column correctly shows the Position ID of all the open positions of the Clearing Member		
 Correct values of the Position ID column		Verify

### RP-MP20 Open Positions 1.17

*Column shows the Market of all the open positions of the Clearing Member*

 Precondition		
 User opens report MP20 for a Clearing Member with open positions		Verify
 Check if column correctly shows the Market of all the open positions of the Clearing Member		
 Correct values of the Market column		Verify

### RP-MP20 Open Positions 1.18

*Column shows the Last Update Date&Time of all the open positions of the Clearing Member*

 Precondition		
 User opens report MP20 for a Clearing Member with open positions		Verify

 Check if column correctly shows the Last Update Date&Time of all the open positions of the Clearing Member		
 Correct values of the Last Update Date&Time column		Verify

## C RP-MP20 Open Positions 1.19

*Column shows the Currency of all the open positions of the Clearing Member*

 Precondition		
 User opens report MP20 for a Clearing Member with open positions		Verify
 Check if column correctly shows the Currency of all the open positions of the Clearing Member		
 Correct values of the Currency column		Verify

## C RP-MP20 Open Positions 1.3

*Clearing System produces report MP20 more times per day*

 Check if report is produced more times per day		
 Report is updated more times per day		Verify

## C RP-MP20 - Other date Functionality

*Is possible to extract report on a different date*

 Click on Other date bottom and select another date from calendar		
 Report of the selected date is shown		Input

## C RP-MP20 - Export to PDF

*Is possible to extract report on PDF format with ; separator*

 Click on Extract to PDF and select ; separator		
 Report on PDF format is available		Input

## C RP-MP20 - MRR - , separator

*Is possible to extract report on PDF format with , separator*

 Click on Extract to PDF and select - , separator		
 Report on PDF format is available		Input

## C RP-MP20 - Export to Excel

*Is possible to extract report on Excel format with ; separator*

 Click on Extract to Excel and select ; separator		
 Report on Excel format is available		Input

## C RP-MP20 -MRR- ; separator

*Is possible to extract report on Excel format with , separator*

 Click on Extract to Excel and select - , separator		
 Report on Excel format is available		Input

## C RP-MS21 Settlement Balance - Settled Quantity 4.1

*Correct layout of report*

 Precondition		
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 Report MS21 produced by Clearing System		Verify
 User open report MS21		
 Layout of report MS21 is correct		Verify
<b>C RP-MS21 Settlement Balance - Settled Quantity 4.2</b>		
<i>User opens report MS21 for a Clearing Member</i>		
 Precondition		
 User opens report MS21 for a Clearing Member		Verify
 Report shows the amount of the Settlement Balance and the details of the settled positions		
 Amount of the Settlement Balance and the details of the settled positions are reported		Verify
<b>C RP-MS21 Settlement Balance - Settled Quantity 4.4</b>		
<i>Column shows the ISIN of all the settled positions of the Clearing Member</i>		
 Precondition		
 User opens report MS21 for a Clearing Member		Verify
 Check if column correctly shows the ISIN of all the settled positions of the Clearing Member		
 Correct values of the ISIN column. Values are the same of the MP21 report		Verify
<b>C RP-MS21 Settlement Balance - Settled Quantity 4.5</b>		
<i>Column shows the Trade Date of all the settled positions of the Clearing Member</i>		
 Precondition		
 User opens report MS21 for a Clearing Member		Verify
 Check if column correctly shows the Trade Date of all the settled positions of the Clearing Member		
 Correct values of the Trade Date column. Values are the same of the MP21 report column		Verify
<b>C RP-MS21 Settlement Balance - Settled Quantity 4.6</b>		
<i>Column shows the Intended Settlement Date of all the settled positions of the Clearing Member</i>		
 Precondition		
 User opens report MS21 for a Clearing Member		Verify
 Check if column correctly shows the Intended Settlement Date of all the settled positions of the Clearing Member		
 Correct values of the Intended Settlement Date. Values are the same of the MP21 report column		Verify
<b>C RP-MS21 Settlement Balance - Settled Quantity 4.7</b>		
<i>Column shows the Client Message Reference of all the settled positions of the Clearing Member</i>		
 Precondition		
 User opens report MS21 for a Clearing Member		Verify
 Check if column correctly shows the Client Message Reference of all the settled positions of the Clearing Member		

 <b>Correct values of the Client Message Reference column. Values are the same of the MP21 report column</b>		Verify
<b>RP-MS21 Settlement Balance - Settled Quantity 4.8</b>		
<i>Column shows the MITI of all the settled positions of the Clearing Member</i>		
 Precondition		
 User opens report MS21 for a Clearing Member		Verify
 Check if column correctly shows the MITI of all the settled positions of the Clearing Member		
 Correct values of the MITI column. Values are the same of the MP21 report column		Verify
<b>RP-MS21 Settlement Balance - Settled Quantity 4.9</b>		
<i>Column shows the Settlement Account ID of all the settled positions of the Clearing Member</i>		
 Precondition		
 User opens report MS21 for a Clearing Member		Verify
 Check if column correctly shows the Settlement Account ID of all the settled positions of the Clearing Member		
 Correct values of the Settlement Account ID column. Values are the same of the MP21 report column		Verify
<b>RP-MS21 Settlement Balance - Settled Quantity 4.10</b>		
<i>Column shows the Settlement Reference of all the settled positions of the Clearing Member</i>		
 Precondition		
 User opens report MS21 for a Clearing Member		Verify
 Check if column correctly shows the Settlement Reference of all the settled positions of the Clearing Member		
 Correct values of the Settlement Reference column. Values are the same of the MP21 report column		Verify
<b>RP-MS21 Settlement Balance - Settled Quantity 4.11</b>		
<i>Column shows the Settlement Quantity of all the settled positions of the Clearing Member</i>		
 Precondition		
 User opens report MS21 for a Clearing Member		Verify
 Check if column correctly shows the Settlement Quantity of all the settled positions of the Clearing Member		
 Correct values of the Settlement Quantity column		Verify
<b>RP-MS21 Settlement Balance - Settled Quantity 4.12</b>		
<i>Column shows the Settlement Amount of all the settled positions of the Clearing Member</i>		
 Precondition		
 User opens report MS21 for a Clearing Member		Verify
 Check if column correctly shows the Settlement Amount of all the settled positions of the Clearing Member		

 Correct values of the Settlement Amount column		Verify
<b>C RP-MS21 Settlement Balance - Settled Quantity 4.13</b>		
<i>Column shows partial settled (PAIN) and fully settled (PARC) position</i>		
 Precondition		
 User opens report MS21 for a Clearing Member		Verify
 Check the correct value of column for partially and fully settled positions		
 Correct values of Partial Settlement column		Verify
<b>C RP-MS21 Settlement Balance - Settled Quantity 4.14</b>		
<i>Column shows the Settled Quantity of all the settled positions of the Clearing Member</i>		
 Precondition		
 User opens report MS21 for a Clearing Member		Verify
 Check if column correctly shows the Settled Quantity of all the settled positions of the Clearing Member		
 Correct values of the Settled Quantity column.Values are the result of balancing and offsetting process		Verify
<b>C RP-MS21 Settlement Balance - Settled Quantity 4.15</b>		
<i>Column shows the Settled Amount of all the settled positions of the Clearing Member</i>		
 Precondition		
 User opens report MS21 for a Clearing Member		Verify
 Check if column correctly shows the Settled Amount of all the settled positions of the Clearing Member		
 Correct values of the Settled Amount column.Values are the result of balancing and offsetting process		Verify
<b>C RP-MS21 Settlement Balance - Settled Quantity 4.16</b>		
<i>Column shows the Market of all the settled positions of the Clearing Member.It is calculated from the Position Amount</i>		
 Precondition		
 User opens report MS21 for a Clearing Member		Verify
 Check if column correctly shows the Market of all the settled positions of the Clearing Member		
 Correct values of the Market column		Verify
<b>C RP-MS21 Settlement Balance - Settled Quantity 4.17</b>		
<i>Column shows the Last Update Date&amp;Time of all the settled positions of the Clearing Member.It is calculated from the Position Amount</i>		
 Precondition		
 User opens report MS21 for a Clearing Member		Verify
 Check if column correctly shows the Last Update Date&Time of all the settled positions of the Clearing Member		
 Correct values of the Last Update Date&Time column		Verify

<b>C RP-MS21 Settlement Balance - Settled Quantity 4.18</b>		
<i>Column shows the Currency of all the settled positions of the Clearing Member. It is calculated from the Position Amount</i>		
 Precondition		
 User opens report MS21 for a Clearing Member		Verify
 Check if column correctly shows the Currency of all the settled positions of the Clearing Member		
 Correct values of the Currency column		Verify
<b>C RP-MS21 Settlement Balance - Settled Quantity 4.3</b>		
<i>Clearing System produces report MS21 more times per day</i>		
 Check if report is produced more times per day		
 Report is updated more times per day		Verify
<b>C RP-MS21 - Other date Functionality</b>		
<i>Is possible to extract report on a different date</i>		
 Click on Other date bottom and select another date from calendar		
 Report of the selected date is shown		Input
<b>C RP-MS21 - Export to PDF</b>		
<i>Is possible to extract report on PDF format with ; separator</i>		
 Click on Extract to PDF and select ; separator		
 Report on PDF format is available		Input
<b>C RP-MS21 - MRR , separator</b>		
<i>Is possible to extract report on PDF format with , separator</i>		
 Click on Extract to PDF and select - , separator		
 Report on PDF format is available		Input
<b>C RP-MS21 - Export to Excel</b>		
<i>Is possible to extract report on Excel format with ; separator</i>		
 Click on Extract to Excel and select ; separator		
 Report on Excel format is available		Input
<b>C RP-MS21 - MRR ; separator</b>		
<i>Is possible to extract report on Excel format with , separator</i>		
 Click on Extract to Excel and select - , separator		
 Report on Excel format is available		Input
<b>C RP-MS22 Initial Margins per Margin Account and ISIN 5.1</b>		
<i>Correct layout of report</i>		
 Precondition		
 Report MS22 produced by Clearing System		Verify
 User open report MS22		
 Layout of report MS22 is correct		Verify

<b>C RP-MS22 Initial Margins per Margin Account and ISIN 5.2</b>		
<i>User opens report MS22 for a Clearing Member</i>		
 Precondition		
 User opens report MS22 for a Clearing Member		Verify
 Check that report shows the different components of initial Margins, calculated for each account on the basis of the ISINs.		
 The report shows the different components of initial Margins, calculated for each account on the basis of the ISINs.		Verify
<b>C RP-MS22 Initial Margins per Margin Account and ISIN 5.4</b>		
<i>Column shows the ISINS of the Clearing Member</i>		
 Precondition		
 User opens report MS22 for a Clearing Member		Verify
 Check if column correctly shows the ISINS of the Clearing Member		
 Correct values of the ISIN column		Verify
<b>C RP-MS22 Initial Margins per Margin Account and ISIN 5.5</b>		
<i>Column shows the Margin Account ID of the Clearing Member</i>		
 Precondition		
 User opens report MS22 for a Clearing Member		Verify
 Check if column correctly shows the Margin Account ID of the Clearing Member		
 Correct values of the Margin Account ID column		Verify
<b>C RP-MS22 Initial Margins per Margin Account and ISIN 5.6</b>		
<i>Column shows the Account Category of the Clearing Member</i>		
 Precondition		
 User opens report MS22 for a Clearing Member		Verify
 Check if column correctly shows the Account Category of the Clearing Member		
 Correct values of the Account Category column		Verify
<b>C RP-MS22 Initial Margins per Margin Account and ISIN 5.7</b>		
<i>Column shows the Currency of the Clearing Member</i>		
 Precondition		
 User opens report MS22 for a Clearing Member		Verify
 Check if column correctly shows the Currency of the Clearing Member		
 Correct values of the Currency column		Verify
<b>C RP-MS22 Initial Margins per Margin Account and ISIN 5.8</b>		
<i>Column shows the MTM of the Clearing Member</i>		
 Precondition		
 User opens report MS22 for a Clearing Member		Verify

 Check if column correctly shows the MTM of the Clearing Member		
 Correct values of the MTM column		Verify

#### C RP-MS22 Initial Margins per Margin Account and ISIN 5.9

*Column shows the Additional Margin of the Clearing Member*

 Precondition		
 User opens report MS22 for a Clearing Member		Verify
 Check if column correctly shows the Additional Margin of the Clearing Member		
 Correct values of the Additional Margin column		Verify

#### C RP-MS22 Initial Margins per Margin Account and ISIN 5.10

*Column shows the Initial Margin of the Clearing Member*

 Precondition		
 User opens report MS22 for a Clearing Member		Verify
 Check if column correctly shows the Initial Margin of the Clearing Member		
 Correct values of the Initial Margin column		Verify

#### C RP-MS22 Initial Margins per Margin Account and ISIN 5.11

*Column shows the Collateral Account ID of the Clearing Member*

 Precondition		
 User opens report MS22 for a Clearing Member		Verify
 Check if column correctly shows the Collateral Account ID of the Clearing Member		
 Correct values of the Collateral Account ID column		Verify

#### C RP-MS22 Initial Margins per Margin Account and ISIN 5.12

*Column shows the Last Update Date&Time of the Clearing Member*

 Precondition		
 User opens report MS22 for a Clearing Member		Verify
 Check if column correctly shows the Last Update Date&Time of the Clearing Member		
 Correct values of the Last Update Date&Time column		Verify

#### C RP-MS22 Initial Margins per Margin Account and ISIN 5.13

*Cell of Initial Margin sum is populated with the sum of all Initial Margins of the Clearing Member*

 Precondition		
 User opens report MS22 for a Clearing Member		Verify
 Check if Initial Margin sum is populated with the sum of all Initial Margins of the Clearing Member		
 Correct sum of the Initial Margins		Verify

#### C RP-MS22 Initial Margins per Margin Account and ISIN 5.14

*Cell of Add-in Margin is reported under the cell of Initial Margin sum*

 Precondition		
 User opens report MS22 for a Clearing Member		Verify

 Check if cell of Add-in Margin is reported under the cell of Inizial Margin sum		
 Cell of Add-in Margin is reported under the cell of Inizial Margin sum		Verify

C RP-MS22 Initial Margins per Margin Account and ISIN 5.15		
<i>Cell of Margin Requirement is reported under the cell of Inizial Margin sum. It is given by the Inizial Margin sum plus the Add-in Margin</i>		
 Precondition		
 User opens report MS22 for a Clearing Member		Verify
 Check if cell of Margin Requirement is reported under the cell of Inizial Margin sum		
 Margin Requirement is reported under the cell of Inizial Margin sum. It is given by the Inizial Margin sum plus the Add-in Margin		Verify

C RP-MS22 Initial Margins per Margin Account and ISIN 5.3		
<i>Clearing System produces report MS22 more times per day</i>		
 Check if report is produced more times per day		
 Report is updated more times per day		Verify

C RP-MS22 - Other date Functionality		
<i>Is possible to extract report on a different date</i>		
 Click on Other date bottom and select another date from calendar		
 Report of the selected date is shown		Input

C RP-MS22 - Export to PDF		
<i>Is possible to extract report on PDF format with ; separator</i>		
 Click on Extract to PDF and select ; separator		
 Report on PDF format is available		Input

C RP-MS22 - MRR - , separator		
<i>Is possible to extract report on PDF format with , separator</i>		
 Click on Extract to PDF and select - , separator		
 Report on PDF format is available		Input

C RP-MS22 - Export to Excel		
<i>Is possible to extract report on Excel format with ; separator</i>		
 Click on Extract to Excel and select ; separator		
 Report on Excel format is available		Input

C RP-MS22 - MRR - ; separator		
<i>Is possible to extract report on Excel format with , separator</i>		
 Click on Extract to Excel and select - , separator		
 Report on Excel format is available		Input

C RP-MS23 Settlement Forecast 6.1		
<i>Correct layout of report</i>		

 Precondition		
 Report MS23 produced by Clearing System		Verify
 User open report MS23		
 Layout of report MS23 is correct		Verify

## RP-MS23 Settlement Forecast 6.2

*User opens report MS23 for a Clearing Member*

 Precondition		
 User opens report MS23 for a Clearing Member		Verify
 Report shows the Unsettled Quantity, Unsettled Amount and Settlement Status of all the positions of a Clearing Member		
 Report shows the Unsettled Quantity, Unsettled Amount and Settlement Status of all the positions of a Clearing Member		Verify

## RP-MS23 Settlement Forecast 6.4

*Column shows the ISIN of all the positions of the Clearing Member*

 Precondition		
 User opens report MS23 for a Clearing Member with open positions		Verify
 Check if column correctly shows the ISIN of all the positions of the Clearing Member		
 Correct values of the ISIN column		Verify

## RP-MS23 Settlement Forecast 6.5

*Column shows the Trade Date of all the positions of the Clearing Member*

 Precondition		
 User opens report MS23 for a Clearing Member with open positions		Verify
 Check if column correctly shows the Trade Date of all the positions of the Clearing Member		
 Correct values of the Trade Date column		Verify

## RP-MS23 Settlement Forecast 6.6

*Column shows the Intended Settlement Date of all the positions of the Clearing Member*

 Precondition		
 User opens report MS23 for a Clearing Member with open positions		Verify
 Check if column correctly shows the Intended Settlement Date of all the positions of the Clearing Member		
 Correct values of the Intended Settlement Date column		Verify

## RP-MS23 Settlement Forecast 6.7

*Column shows the End of Validity Date of all the positions of the Clearing Member*

 Precondition		
 User opens report MS23 for a Clearing Member with open positions		Verify

 Check if column correctly shows the End of Validity Date of all the positions of the Clearing Member		
 Correct values of the End of Validity Date column		Verify

### RP-MS23 Settlement Forecast 6.8

*Column shows the Settlement Account ID of all the positions of the Clearing Member*

 Precondition		
 User opens report MS23 for a Clearing Member with open positions		Verify
 Check if column correctly shows the Settlement Account ID of all the positions of the Clearing Member		
 Correct values of the Settlement Account ID column		Verify

### RP-MS23 Settlement Forecast 6.9

*Column shows the Unsettled Quantity of all the positions of the Clearing Member*

 Precondition		
 User opens report MS23 for a Clearing Member with open positions		Verify
 Check if column correctly shows the Unsettled Quantity of all the positions of the Clearing Member		
 Correct values of the Unsettled Quantity column. Values are the same reported on MP20 and MP21		Verify

### RP-MS23 Settlement Forecast 6.10

*Column shows the Unsettled Amount of all the positions of the Clearing Member*

 Precondition		
 User opens report MS23 for a Clearing Member with open positions		Verify
 Check if column correctly shows the Unsettled Amount of all the positions of the Clearing Member		
 Correct values of the Unsettled Amount column. Values are the same reported on MP20 and MP21		Verify

### RP-MS23 Settlement Forecast 6.11

*Column shows the Settlement Status of all the positions of the Clearing Member. Values can be partial when settlement instruction is partially settled, pending when instruction is still not settled*

 Precondition		
 User opens report MS23 for a Clearing Member with open positions		Verify
 Check if column correctly shows the Settlement Status of all the positions of the Clearing Member		
 Correct values of the Settlement Status column. Value is partial when settlement instruction is partially settled, pending when instruction is still not settled		Verify

### RP-MS23 Settlement Forecast 6.12

*Column shows the Market of all the positions of the Clearing Member*

 Precondition		
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 User opens report MS23 for a Clearing Member with open positions		Verify
 Check if column correctly shows the Market of all the positions of the Clearing Member		
 Correct values of the Market column		Verify

C RP-MS23 Settlement Forecast 6.13		
<i>Column shows the Currency of all the positions of the Clearing Member</i>		
 Precondition		
 User opens report MS23 for a Clearing Member with open positions		Verify
 Check if column correctly shows the Currency of all the positions of the Clearing Member		
 Correct values of the Currency column		Verify

C RP-MS23 Settlement Forecast 6.3		
<i>Clearing System produces report MS23 more times per day</i>		
 Check if report is produced more times per day		
 Report is updated more times per day		Verify

C RP-MS23 - Other date Functionality		
<i>Is possible to extract report on a different date</i>		
 Click on Other date bottom and select another date from calendar		
 Report of the selected date is shown		Input

C RP-MS23 - Export to PDF		
<i>Is possible to extract report on PDF format with ; separator</i>		
 Click on Extract to PDF and select ; separator		
 Report on PDF format is available		Input

C RP-MS23 - MRR , separator		
<i>Is possible to extract report on PDF format with , separator</i>		
 Click on Extract to PDF and select - , separator		
 Report on PDF format is available		Input

C RP-MS23 - Export to Excel		
<i>Is possible to extract report on Excel format with ; separator</i>		
 Click on Extract to Excel and select ; separator		
 Report on Excel format is available		Input

C RP-MS23 - MRR ; separator		
<i>Is possible to extract report on Excel format with , separator</i>		
 Click on Extract to Excel and select - , separator		
 Report on Excel format is available		Input

C RP-MS24 Margin Account Level 7.1		
<i>Correct layout of report</i>		

 Precondition		
 Report MS24 produced by Clearing System		Verify
 User open report MS24		
 Layout of report MS24 is correct		Verify

 RP-MS24 Margin Account Level 7.2		
<i>User opens report MS24 for a Clearing Member</i>		
 Precondition		
 User opens report MS24 for a Clearing Member		Verify
 Verify that report shows the marginable positions at Margin Account Level of a Clearing Member		
 The report shows the marginable positions at Margin Account Level of a Clearing Member		Verify

 RP-MS24 Margin Account Level 7.4		
<i>Column shows the ISIN of all the marginable positions of the Clearing Member</i>		
 Precondition		
 User opens report MS24 for a Clearing Member		Verify
 Check if column correctly shows the ISIN of all the marginable positions of the Clearing Member		
 Correct values of the ISIN column		Verify

 RP-MS24 Margin Account Level 7.5		
<i>Column shows the Trade Date of all the marginable positions of the Clearing Member</i>		
 Precondition		
 User opens report MS24 for a Clearing Member		Verify
 Check if column correctly shows the Trade Date of all the marginable positions of the Clearing Member		
 Correct values of the Trade Date column		Verify

 RP-MS24 Margin Account Level 7.6		
<i>Column shows the Intended Settlement Date of all the marginable positions of the Clearing Member</i>		
 Precondition		
 User opens report MS24 for a Clearing Member		Verify
 Check if column correctly shows the Intended Settlement Date of all the marginable positions of the Clearing Member		
 Correct values of the Intended Settlement Date column		Verify

 RP-MS24 Margin Account Level 7.7		
<i>Column shows the Margin Account ID of all the marginable positions of the Clearing Member</i>		
 Precondition		
 User opens report MS24 for a Clearing Member		Verify
 Check if column correctly shows the Margin Account ID of all the marginable positions of the Clearing Member		
 Correct values of the Margin Account ID column		Verify

<b>C</b>	<b>RP-MS24 Margin Account Level 7.8</b>		
<i>Column shows the Margin Group of all the marginable positions of the Clearing Member</i>			
	Precondition		
	User opens report MS24 for a Clearing Member		Verify
	Check if column correctly shows the Margin Group of all the marginable positions of the Clearing Member		
	Correct values of the Margin Group column		Verify
<b>C</b>	<b>RP-MS24 Margin Account Level 7.9</b>		
<i>Column shows the Accrued Interest of all the marginable positions of the Clearing Member</i>			
	Precondition		
	User opens report MS24 for a Clearing Member		Verify
	Check if column correctly shows the Accrued Interest of all the marginable positions of the Clearing Member		
	Correct values of the Accrued Interest column		Verify
<b>C</b>	<b>RP-MS24 Margin Account Level 7.10</b>		
<i>Column shows the Quantity Type of all the marginable positions of the Clearing Member</i>			
	Precondition		
	User opens report MS24 for a Clearing Member		Verify
	Check if column correctly shows the Quantity Type of all the marginable positions of the Clearing Member		
	Correct values of the Quantity Type column		Verify
<b>C</b>	<b>RP-MS24 Margin Account Level 7.11</b>		
<i>Column shows the R-Factor of all the marginable positions of the Clearing Member</i>			
	Precondition		
	User opens report MS24 for a Clearing Member		Verify
	Check if column correctly shows the R-Factor of all the marginable positions of the Clearing Member		
	Correct values of the R-Factor column		Verify
<b>C</b>	<b>RP-MS24 Margin Account Level 7.12</b>		
<i>Column shows the Last MTM Price of all the marginable positions of the Clearing Member</i>			
	Precondition		
	User opens report MS24 for a Clearing Member		Verify
	Check if column correctly shows the Last MTM Price of all the marginable positions of the Clearing Member		
	Correct values of the Last MTM Price column		Verify
<b>C</b>	<b>RP-MS24 Margin Account Level 7.13</b>		
<i>Column shows the Account Category of all the marginable positions of the Clearing Member</i>			
	Precondition		
	User opens report MS24 for a Clearing Member		Verify

 Check if column correctly shows the Account Category of all the marginable positions of the Clearing Member		
 Correct values of the Account Category column		Verify

#### RP-MS24 Margin Account Level 7.14

*Column shows the Quantity of all the marginable positions of the Clearing Member*

 Precondition		
 User opens report MS24 for a Clearing Member		Verify
 Check if column correctly shows the Quantity of all the marginable positions of the Clearing Member		
 Correct values of the Quantity column		Verify

#### RP-MS24 Margin Account Level 7.15

*Value of CTV is given by the product of the absolute value of Quantity and Last MTM Price*

 Precondition		
 User opens report MS24 for a Clearing Member		Verify
 Check if column correctly shows the CTV of all the marginable positions of the Clearing Member		
 Correct values of the CTV column		Verify

#### RP-MS24 Margin Account Level 7.16

*Column shows the Currency of all the marginable positions of the Clearing Member*

 Precondition		
 User opens report MS24 for a Clearing Member		Verify
 Check if column correctly shows the Currency of all the marginable positions of the Clearing Member		
 Correct values of the Currency column		Verify

#### RP-MS24 Margin Account Level 7.17

*Column shows the Market of all the marginable positions of the Clearing Member*

 Precondition		
 User opens report MS24 for a Clearing Member		Verify
 Check if column correctly shows the Market of all the marginable positions of the Clearing Member		
 Correct values of the Market column		Verify

#### RP-MS24 Margin Account Level 7.18

*Column shows the Last Update Date&Time of all the marginable positions of the Clearing Member*

 Precondition		
 User opens report MS24 for a Clearing Member		Verify
 Check if column correctly shows the Last Update Date&Time of all the marginable positions of the Clearing Member		
 Correct values of the Last Update Date&Time column		Verify

#### RP-MS24 Margin Account Level 7.3

*Clearing System produces report MS24 more times per day*

 Check if report is produced more times per day		
 Report is updated more times per day		Verify
<b>C RP-MS24 - Other date Functionality</b>		
<i>Is possible to extract report on a different date</i>		
 Click on Other date bottom and select another date from calendar		
 Report of the selected date is shown		Input
<b>C RP-MS24 - Export to PDF</b>		
<i>Is possible to extract report on PDF format with ; separator</i>		
 Click on Extract to PDF and select ; separator		
 Report on PDF format is available		Input
<b>C RP-MS24 - MRR - , separator</b>		
<i>Is possible to extract report on PDF format with , separator</i>		
 Click on Extract to PDF and select - , separator		
 Report on PDF format is available		Input
<b>C RP-MS24 - Export to Excel</b>		
<i>Is possible to extract report on Excel format with ; separator</i>		
 Click on Extract to Excel and select ; separator		
 Report on Excel format is available		Input
<b>C RP-MS24 - MRR - ; separator</b>		
<i>Is possible to extract report on Excel format with , separator</i>		
 Click on Extract to Excel and select - , separator		
 Report on Excel format is available		Input
<b>C RP-ME01 Buy-in Notice 8.1</b>		
<i>Correct layout of report</i>		
 Precondition		
 Report ME01 produced by Clearing System		Verify
 User open report ME01		
 Layout of report ME01 is correct		Verify
<b>C RP-ME01 Buy-in Notice 8.2</b>		
<i>User opens report ME01 for a Clearing Member</i>		
 Precondition		
 User opens report ME01 for a Clearing Member		Verify
 Verify that report shows the list of failed positions for which the Buy-In relating is activated.		
 The report shows the list of failed positions for which the Buy-In relating is activated.		Verify
<b>C RP-ME01 Buy-in Notice 8.4</b>		
<i>Column shows the ISIN of failed positions for which the Buy-In relating is activated</i>		
 Precondition		

 User opens report ME01 for a Clearing Member		Verify
 Check if column correctly shows the ISIN of failed positions for which the Buy-In relating is activated		
 Correct values of the ISIN column. Value is the same of MP20 report		Verify

#### RP-ME01 Buy-in Notice 8.5

*Column shows the Trade Date of failed positions for which the Buy-In relating is activated*

 Precondition		
 User opens report ME01 for a Clearing Member		Verify
 Check if column correctly shows the Trade Date of failed positions for which the Buy-In relating is activated		
 Correct values of the Trade Date column. Value is the same of MP20 report		Verify

#### RP-ME01 Buy-in Notice 8.6

*Column shows the Intended Settlement Date of failed positions for which the Buy-In relating is activated*

 Precondition		
 User opens report ME01 for a Clearing Member		Verify
 Check if column correctly shows the Intended Settlement Date of failed positions for which the Buy-In relating is activated		
 Correct values of the Intended Settlement Date column. Value is the same of MP20 report		Verify

#### RP-ME01 Buy-in Notice 8.7

*Column shows the End of Validity Date of failed positions for which the Buy-In relating is activated*

 Precondition		
 User opens report ME01 for a Clearing Member		Verify
 Check if column correctly shows the End of Validity Date of failed positions for which the Buy-In relating is activated		
 Correct values of the End of Validity Date column. Value is the same of MP20 report		Verify

#### RP-ME01 Buy-in Notice 8.8

*Column shows the Client Message Reference of failed positions for which the Buy-In relating is activated*

 Precondition		
 User opens report ME01 for a Clearing Member		Verify
 Check if column correctly shows the Client Message Reference of failed positions for which the Buy-In relating is activated		
 Correct values of the Client Message Reference column. Value is the same of MP20 report		Verify

#### RP-ME01 Buy-in Notice 8.9

*Column shows the Account Category of failed positions for which the Buy-In relating is activated*

 Precondition		
 User opens report ME01 for a Clearing Member		Verify

 Check if column correctly shows the Account Category of failed positions for which the Buy-In relating is activated		
 Correct values of the Account Category column. Value is the same of MP20 report		Verify

#### RP-ME01 Buy-in Notice 8.10

*Column shows the Position Quantity of failed positions for which the Buy-In relating is activated*

 Precondition		
 User opens report ME01 for a Clearing Member		Verify
 Check if column correctly shows the Position Quantity of failed positions for which the Buy-In relating is activated		
 Correct values of the Position Quantity column. Value is the same of MP20 report		Verify

#### RP-ME01 Buy-in Notice 8.11

*Column shows the Quantity Type of failed positions for which the Buy-In relating is activated*

 Precondition		
 User opens report ME01 for a Clearing Member		Verify
 Check if column correctly shows the Quantity Type of failed positions for which the Buy-In relating is activated		
 Correct values of the Quantity Type column. Value is the same of MP20 report		Verify

#### RP-ME01 Buy-in Notice 8.12

*Column shows the Settlement Amount of failed positions for which the Buy-In relating is activated*

 Precondition		
 User opens report ME01 for a Clearing Member		Verify
 Check if column correctly shows the Settlement Amount of failed positions for which the Buy-In relating is activated		
 Correct values of the Settlement Amount column. Value is the same of MP20 report		Verify

#### RP-ME01 Buy-in Notice 8.13

*Column shows the Accrued Interest of failed positions for which the Buy-In relating is activated*

 Precondition		
 User opens report ME01 for a Clearing Member		Verify
 Check if column correctly shows the Accrued Interest of failed positions for which the Buy-In relating is activated		
 Correct values of the Accrued Interest column. Value is the same of MP20 report		Verify

#### RP-ME01 Buy-in Notice 8.14

*Column shows the Position Account ID of failed positions for which the Buy-In relating is activated*

 Precondition		
 User opens report ME01 for a Clearing Member		Verify

 Check if column correctly shows the Position Account ID of failed positions for which the Buy-In relating is activated		
 Correct values of the Position Account ID column.Value is the same of MP20 report		Verify

### RP-ME01 Buy-in Notice 8.15

*Column shows the Position ID of failed positions for which the Buy-In relating is activated*

 Precondition		
 User opens report ME01 for a Clearing Member		Verify
 Check if column correctly shows the Position ID of failed positions for which the Buy-In relating is activated		
 Correct values of the Position ID column.Value is the same of MP20 report		Verify

### RP-ME01 Buy-in Notice 8.16

*Column shows the Market of failed positions for which the Buy-In relating is activated*

 Precondition		
 User opens report ME01 for a Clearing Member		Verify
 Check if column correctly shows the Market of failed positions for which the Buy-In relating is activated		
 Correct values of the Market column.Value is the same of MP20 report		Verify

### RP-ME01 Buy-in Notice 8.17

*Column shows the Last Update Date&Time of failed positions for which the Buy-In relating is activated*

 Precondition		
 User opens report ME01 for a Clearing Member		Verify
 Check if column correctly shows the Last Update Date&Time of failed positions for which the Buy-In relating is activated		
 Correct values of the Last Update Date&Time column.Value is the same of MP20 report		Verify

### RP-ME01 Buy-in Notice 8.18

*Column shows the Currency of failed positions for which the Buy-In relating is activated*

 Precondition		
 User opens report ME01 for a Clearing Member		Verify
 Check if column correctly shows the Currency of failed positions for which the Buy-In relating is activated		
 Correct values of the Currency column.Value is the same of MP20 report		Verify

### RP-ME01 Buy-in Notice 8.3

*Clearing System produces report ME01 on request*

 Check if report is produced for failed positions for which buy-in is activated		
 Report is produced for failed positions for which buy-in is activated		Verify

<b>C RP-ME01 - Other date Functionality</b>		
<i>Is possible to extract report on a different date</i>		
 Click on Other date bottom and select another date from calendar		
 Report of the selected date is shown		Input
<b>C RP-ME01 - Export to PDF</b>		
<i>Is possible to extract report on PDF format with ; separator</i>		
 Click on Extract to PDF and select ; separator		
 Report on PDF format is available		Input
<b>C RP-ME01 - MRR , separator</b>		
<i>Is possible to extract report on PDF format with , separator</i>		
 Click on Extract to PDF and select - , separator		
 Report on PDF format is available		Input
<b>C RP-ME01 - Export to Excel</b>		
<i>Is possible to extract report on Excel format with ; separator</i>		
 Click on Extract to Excel and select ; separator		
 Report on Excel format is available		Input
<b>C RP-ME01 - MRR ; separator</b>		
<i>Is possible to extract report on Excel format with , separator</i>		
 Click on Extract to Excel and select - , separator		
 Report on Excel format is available		Input
<b>C RP-MA01 Securities Deposited/Withdrawn 9.1</b>		
<i>Correct layout of report</i>		
 Precondition		
 Report MA01 produced by Clearing System		Verify
 User open report MA01		
 Layout of report MA01 is correct		Verify
<b>C RP-MA01 Securities Deposited/Withdrawn 9.2</b>		
<i>User opens report MA01 for a Clearing Member</i>		
 Precondition		
 User opens report MA01 for a Clearing Member		Verify
 Verify that report shows the types of collateral securities deposited or withdrawn as collateral.		
 The report shows the types of collateral securities deposited or withdrawn as collateral.		Verify
<b>C RP-MA01 Securities Deposited/Withdrawn 9.4</b>		
<i>Column shows the type of collateral (Deposit or Withdrawal)</i>		
 Precondition		
 User opens report MA01 for a Clearing Member		Verify

 Check if column shows the type of collateral (Deposit or Withdrawal)		
 Correct values of the D/W column.		Verify
<b>C RP-MA01 Securities Deposited/Withdrawn 9.5</b>		
<i>Column shows the Collateral Account ID</i>		
 Precondition		
 User opens report MA01 for a Clearing Member		Verify
 Check if column shows the Collateral Account ID		
 Correct values of the Collateral Account ID column.		Verify
<b>C RP-MA01 Securities Deposited/Withdrawn 9.6</b>		
<i>Column shows the ISIN</i>		
 Precondition		
 User opens report MA01 for a Clearing Member		Verify
 Check if column shows the ISIN		
 Correct values of the ISIN column.		Verify
<b>C RP-MA01 Securities Deposited/Withdrawn 9.7</b>		
<i>Column shows the Description</i>		
 Precondition		
 User opens report MA01 for a Clearing Member		Verify
 Check if column shows the Description		
 Correct values of the Description column.		Verify
<b>C RP-MA01 Securities Deposited/Withdrawn 9.8</b>		
<i>Column shows the Collateral Class</i>		
 Precondition		
 User opens report MA01 for a Clearing Member		Verify
 Check if column shows the Collateral Class		
 Correct values of the Collateral Class column.		Verify
<b>C RP-MA01 Securities Deposited/Withdrawn 9.9</b>		
<i>Column shows the Issuer Group</i>		
 Precondition		
 User opens report MA01 for a Clearing Member		Verify
 Check if column shows the Issuer Group		
 Correct values of the Issuer Group column.		Verify
<b>C RP-MA01 Securities Deposited/Withdrawn 9.10</b>		
<i>Column shows the Denomination Currency</i>		
 Precondition		
 User opens report MA01 for a Clearing Member		Verify
 Check if column shows the Denomination Currency		
 Correct values of the Denomination Currency column.		Verify

<b>C RP-MA01 Securities Deposited/Withdrawn 9.11</b>		
<i>Column shows the Quantity Type</i>		
Precondition		
User opens report MA01 for a Clearing Member		Verify
Check if column shows the Quantity Type		
Correct values of the Quantity Type column.		Verify
<b>C RP-MA01 Securities Deposited/Withdrawn 9.12</b>		
<i>Column shows the Nominal Quantity</i>		
Precondition		
User opens report MA01 for a Clearing Member		Verify
Check if column shows the Nominal Quantity		
Correct values of the Nominal Quantity column.		Verify
<b>C RP-MA01 Securities Deposited/Withdrawn 9.13</b>		
<i>Column shows the Price Post Haircut</i>		
Precondition		
User opens report MA01 for a Clearing Member		Verify
Check if column shows the Price Post Haircut		
Correct values of the Price Post Haircut column.		Verify
<b>C RP-MA01 Securities Deposited/Withdrawn 9.14</b>		
<i>Column shows the Haircut</i>		
Precondition		
User opens report MA01 for a Clearing Member		Verify
Check if column shows the Haircut		
Correct values of the Haircut column.		Verify
<b>C RP-MA01 Securities Deposited/Withdrawn 9.15</b>		
<i>Column shows the Net Value</i>		
Precondition		
User opens report MA01 for a Clearing Member		Verify
Check if column shows the Net Value		
Correct values of the Net Value column. Net Value is given by Nominal Quantity*Price Post Haircut/100		Verify
<b>C RP-MA01 Securities Deposited/Withdrawn 9.16</b>		
<i>Column shows the Deposit Date</i>		
Precondition		
User opens report MA01 for a Clearing Member		Verify
Check if column shows the Deposit Date		
Correct values of the Deposit Date column.		Verify
<b>C RP-MA01 Securities Deposited/Withdrawn 9.17</b>		
<i>Column shows the Maturity Date</i>		

 Precondition		
 User opens report MA01 for a Clearing Member		Verify
 Check if column shows the Maturity Date		
 Correct values of the Maturity Date column.		Verify

### C RP-MA01 Securities Deposited/Withdrawn 9.18

*Column shows the Exchange Rate*

 Precondition		
 User opens report MA01 for a Clearing Member		Verify
 Check if column shows the Exchange Rate		
 Correct values of the Exchange Rate column.		Verify

### C RP-MA01 Securities Deposited/Withdrawn 9.19

*Column shows the Currency Haircut*

 Precondition		
 User opens report MA01 for a Clearing Member		Verify
 Check if column shows the Currency Haircut		
 Correct values of the Currency Haircut column.		Verify

### C RP-MA01 Securities Deposited/Withdrawn 9.20

*Column shows the Collateral Value (Reference Currency)*

 Precondition		
 User opens report MA01 for a Clearing Member		Verify
 Check if column shows the Collateral Value (Reference Currency)		
 Correct values of the Collateral Value (Reference Currency) column. Value is given by Net Value/Exchange Rate*(1-Currency Haircut)		Verify

### C RP-MA01 Securities Deposited/Withdrawn 9.21

*Column shows the Currency*

 Precondition		
 User opens report MA01 for a Clearing Member		Verify
 Check if column shows the Currency		
 Correct values of the Currency column.		Verify

### C RP-MA01 Securities Deposited/Withdrawn 9.3

*Clearing System produces report MA01 intraday*

 Check if report is produced more times per day		
 Report is produced more times per day		Verify

### C RP-MA01 - Other date Functionality

*Is possible to extract report on a different date*

 Click on Other date bottom and select another date from calendar		
 Report of the selected date is shown		Input

<b>C RP-MA01 - Export to PDF</b>		
<i>Is possible to extract report on PDF format with ; separator</i>		
 Click on Extract to PDF and select ; separator		
 Report on PDF format is available		Input
<b>C RP-MA01 - MRR - , separator</b>		
<i>Is possible to extract report on PDF format with , separator</i>		
 Click on Extract to PDF and select - , separator		
 Report on PDF format is available		Input
<b>C RP-MA01 - Export to Excel</b>		
<i>Is possible to extract report on Excel format with ; separator</i>		
 Click on Extract to Excel and select ; separator		
 Report on Excel format is available		Input
<b>C RP-MA01 - MRR - ;separator</b>		
<i>Is possible to extract report on Excel format with , separator</i>		
 Click on Extract to Excel and select - , separator		
 Report on Excel format is available		Input
<b>C RP-MA03 Concentration limit / Securities Net Value 10.1</b>		
<i>Correct layout of report</i>		
 Precondition		
 Report MA03 produced by Clearing System		Verify
 User open report MA03		
 Layout of report MA03 is correct		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.2</b>		
<i>User opens report MA03 for a Clearing Member</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that report shows the details of securities deposited by the Clearing Member showing the related net value considering the application of concentration limits		
 The report shows the details of securities deposited by the Clearing Member showing the related net value considering the application of concentration limits		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.4</b>		
<i>Column shows all the Collateral Classes</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows the Collateral Classes		
 Column shows the Collateral Class		Verify

<b>C RP-MA03 Concentration limit / Securities Net Value 10.5</b>		
<i>Column shows the value of limits for every Collateral Class</i>		
Precondition		
User opens report MA03 for a Clearing Member		Verify
Verify that column shows the limits in percentage for every Collateral Class		
Column shows the limits in percentage for every Collateral Class		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.6</b>		
<i>Column shows the Net Value after Haircut for every Collateral Class</i>		
Precondition		
User opens report MA03 for a Clearing Member		Verify
Verify that column shows the correct Net Value after Haircut for every Collateral Class		
Column shows the correct Net Value after Haircut for every Collateral Class		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.7</b>		
<i>Column shows the Threshold value for every Collateral Class. Value is given by Initial Margin*Limit</i>		
Precondition		
User opens report MA03 for a Clearing Member		Verify
Verify that column shows the correct Threshold value for every Collateral Class. Value is given by Initial Margin*Limit		
Column shows the correct Threshold value for every Collateral Class		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.8</b>		
<i>Column shows the Usable Value post CCL value for every Collateral Class. Value is minimum between Net Value after Haircut and Threshold</i>		
Precondition		
User opens report MA03 for a Clearing Member		Verify
Verify that column shows Usable Value post CCL for every Collateral Class. Value is minimum between Net Value after Haircut and Threshold		
Column shows the correct Usable Value post CCL value for every Collateral Class		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.9</b>		
<i>Column shows the Usable Percentage post CCL value for every Collateral Class. Value is given by Usable value post CCL/Net Value after haircut</i>		
Precondition		
User opens report MA03 for a Clearing Member		Verify
Verify that column shows Usable Percentage post CCL for every Collateral Class. Value is given by Usable value post CCL/Net Value after haircut		
Column shows the correct Usable Percentage post CCL value for every Collateral Class		Verify

<b>C RP-MA03 Concentration limit / Securities Net Value 10.10</b>		
<i>Column shows the Currency value for every Collateral Class</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows Currency for every Collateral Class		
 Column shows the correct Currency value for every Collateral Class		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.11</b>		
<i>Column shows the Collateral Account ID value for every security collateral on portfolio</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows Collateral Account ID for every security collateral on portfolio		
 Column shows the correct Collateral Account ID value for every security collateral on portfolio		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.12</b>		
<i>Column shows the ISIN value for every security collateral on portfolio</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows ISIN for every security collateral on portfolio		
 Column shows the correct ISIN value for every security collateral on portfolio		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.13</b>		
<i>Column shows the Collateral Class value for every security collateral on portfolio</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows Collateral Class for every security collateral on portfolio		
 Column shows the correct Collateral Class value for every security collateral on portfolio		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.14</b>		
<i>Column shows the Issuer Group value for every security collateral on portfolio</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows Issuer Group for every security collateral on portfolio		
 Column shows the correct Issuer Group value for every security collateral on portfolio		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.15</b>		
<i>Column shows the Usable percentage post CCL value for every security collateral on portfolio. Value is given by the Usable Percentage post CCL value of the collateral class of the security collateral</i>		
 Precondition		

 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows Usable percentage post CCL for every security collateral on portfolio. Value is given by the Usable Percentage post CCL value of the collateral class of the security collateral		
 Column shows the correct Usable percentage post CCL value for every security collateral on portfolio		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.16</b>		
<i>Column shows the Quantity Type value for every security collateral on portfolio</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows Quantity Type for every security collateral on portfolio		
 Column shows the correct Quantity Type value for every security collateral on portfolio		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.17</b>		
<i>Column shows the Net Value Before CCL value for every security collateral on portfolio</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows Net Value Before CCL for every security collateral on portfolio		
 Column shows the correct Net Value Before CCL value for every security collateral on portfolio		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.18</b>		
<i>Column shows the Net Value Post CCL value for every security collateral on portfolio. Value is given by Usable percentage post CCL * Net Value Before CCL</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows Net Value Post CCL for every security collateral on portfolio. Value is given by Usable percentage post CCL * Net Value Before CCL		
 Column shows the correct Net Value Post CCL value for every security collateral on portfolio		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.19</b>		
<i>Column shows the Deposit Date value for every security collateral on portfolio.</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows Deposit Date for every security collateral on portfolio.		
 Column shows the correct Deposit Date value for every security collateral on portfolio		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.20</b>		
<i>Column shows the Maturity Date value for every security collateral on portfolio.</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify

 Verify that column shows Maturity Date for every security collateral on portfolio.		
 Column shows the correct Maturity Date value for every security collateral on portfolio		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.21</b>		
<i>Column shows the Currency value for every security collateral on portfolio.</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows Currency for every security collateral on portfolio.		
 Column shows the correct Currency value for every security collateral on portfolio		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.22</b>		
<i>Column shows all the Issuer Groups</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows the Issuer Groups		
 Column shows the Issuer Group		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.23</b>		
<i>Column shows the value of limits for every Issuer Group</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows the limits in percentage for every Issuer Group		
 Column shows the limits in percentage for every Issuer Group		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.24</b>		
<i>Column shows the Value after haircut IGL for every Issuer Group</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows the correct Value after haircut IGL for every Issuer Group		
 Column shows the correct Value after haircut IGL for every Issuer Group		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.25</b>		
<i>Column shows the Threshold value for every Issuer Group. Value is given by Initial Margin*Limit</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows the correct Threshold value for every Issuer Group. Value is given by Initial Margin*Limit		
 Column shows the correct Threshold value for every Issuer Group		Verify

<b>C RP-MA03 Concentration limit / Securities Net Value 10.26</b>		
<i>Column shows the Usable Value post IGL value for every Issuer Group. Value is minimum between Net Value after Haircut and Threshold</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows Usable Value post IGL for every Issuer Group. Value is minimum between Net Value after Haircut and Threshold		
 Column shows the correct Usable Value post IGL value for every Issuer Group		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.27</b>		
<i>Column shows the Usable Percentage post IGL value for every Issuer Group. Value is given by Usable value post IGL/Net Value after haircut</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows Usable Percentage post IGL for every Issuer Group. Value is given by Usable value post IGL/Net Value after haircut		
 Column shows the correct Usable Percentage post IGL value for every Issuer Group		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.28</b>		
<i>Column shows the Collateral Account ID value for every security collateral on portfolio</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows Collateral Account ID for every security collateral on portfolio		
 Column shows the correct Collateral Account ID value for every security collateral on portfolio		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.29</b>		
<i>Column shows the ISIN value for every security collateral on portfolio</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows ISIN for every security collateral on portfolio		
 Column shows the correct ISIN value for every security collateral on portfolio		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.30</b>		
<i>Column shows the Issuer Group value for every security collateral on portfolio</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows Issuer Group for every security collateral on portfolio		
 Column shows the correct Issuer Group value for every security collateral on portfolio		Verify

<b>C RP-MA03 Concentration limit / Securities Net Value 10.31</b>		
<i>Column shows the Issuer Group value for every security collateral on portfolio</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows Issuer Group for every security collateral on portfolio		
 Column shows the correct Issuer Group value for every security collateral on portfolio		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.32</b>		
<i>Column shows the Usable percentage post IGL value for every security collateral on portfolio. Value is given by the Usable Percentage post IGL value of the Issuer Group of the security collateral</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows Usable percentage post IGL for every security collateral on portfolio. Value is given by the Usable Percentage post IGL value of the Issuer Group of the security collateral		
 Column shows the correct Usable percentage post IGL value for every security collateral on portfolio		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.33</b>		
<i>Column shows the Quantity Type value for every security collateral on portfolio</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows Quantity Type for every security collateral on portfolio		
 Column shows the correct Quantity Type value for every security collateral on portfolio		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.34</b>		
<i>Column shows the Net Value Before IGL value for every security collateral on portfolio</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows Net Value Before IGL for every security collateral on portfolio		
 Column shows the correct Net Value Before IGL value for every security collateral on portfolio		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.35</b>		
<i>Column shows the Net Value Post IGL value for every security collateral on portfolio. Value is given by Usable percentage post IGL*Net Value Before IGL</i>		
 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows Net Value Post IGL for every security collateral on portfolio. Value is given by Usable percentage post IGL*Net Value Before IGL		
 Column shows the correct Net Value Post IGL value for every security collateral on portfolio		Verify

<b>C RP-MA03 Concentration limit / Securities Net Value 10.36</b>		
<i>Column shows the Deposit Date value for every security collateral on portfolio.</i>		
Precondition		
User opens report MA03 for a Clearing Member		Verify
Verify that column shows Deposit Date for every security collateral on portfolio.		
Column shows the correct Deposit Date value for every security collateral on portfolio		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.37</b>		
<i>Column shows the Maturity Date value for every security collateral on portfolio.</i>		
Precondition		
User opens report MA03 for a Clearing Member		Verify
Verify that column shows Maturity Date for every security collateral on portfolio.		
Column shows the correct Maturity Date value for every security collateral on portfolio		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.38</b>		
<i>Column shows the Currency value for every security collateral on portfolio.</i>		
Precondition		
User opens report MA03 for a Clearing Member		Verify
Verify that column shows Currency for every security collateral on portfolio.		
Column shows the correct Currency value for every security collateral on portfolio		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.39</b>		
<i>Column shows the Security Limit in percentage value</i>		
Precondition		
User opens report MA03 for a Clearing Member		Verify
Verify that column shows the Security Limit in percentage value		
Column shows the Security Limit in percentage value		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.40</b>		
<i>Column shows the Initial Margins value</i>		
Precondition		
User opens report MA03 for a Clearing Member		Verify
Verify that column shows the Initial Margins value		
Column shows the Initial Margins value		Verify
<b>C RP-MA03 Concentration limit / Securities Net Value 10.41</b>		
<i>Column shows the Security Collateral Post CCL value. Value is given by the sum of all the Net Value Post CCL of the portfolio</i>		
Precondition		
User opens report MA03 for a Clearing Member		Verify

 Verify that column shows the Security Collateral Post CCL value. Value is given by the sum of all the Net Value Post CCL of the portfolio		
 Column shows the Security Collateral Post CCL value		Verify

#### C RP-MA03 Concentration limit / Securities Net Value 10.42

*Column shows the Security Collateral Post IGL value. Value is given by the sum of all the Value Post IGL of the portfolio*

 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows the Security Collateral Post IGL value. Value is given by the sum of all the Net Value Post IGL of the portfolio		
 Column shows the Security Collateral Post IGL value		Verify

#### C RP-MA03 Concentration limit / Securities Net Value 10.43

*Column shows the SEL Threshold value. Value is given by the Initial Margin\*Security Limit*

 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows the SEL Threshold value. Value is given by the Initial Margin*Security Limit		
 Column shows the SEL Threshold value		Verify

#### C RP-MA03 Concentration limit / Securities Net Value 10.44

*Column shows the Security Collateral post SEL. Value is given by the minimum value between SEL Threshold and Security Collateral Post IGL*

 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows the Security Collateral post SEL. Value is given by the minimum value between SEL Threshold and Security Collateral Post IGL		
 Column shows the Security Collateral post SEL value		Verify

#### C RP-MA03 Concentration limit / Securities Net Value 10.45

*Column shows the Excess Securities collateral. Value is given by the difference between total value of collateral in portfolio and Security Collateral post SEL*

 Precondition		
 User opens report MA03 for a Clearing Member		Verify
 Verify that column shows the Excess Securities collateral. Value is given by the difference between total value of collateral in portfolio and Security Collateral post SEL		
 Column shows the Excess Securities collateral value		Verify

#### C RP-MA03 Concentration limit / Securities Net Value 10.3

*Clearing System produces report MA03 intraday*

 Check if report is produced more times per day		
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 Report is produced more times per day		Verify
<b>C RP-MA03 - Other date Functionality</b>		
<i>Is possible to extract report on a different date</i>		
 Click on Other date bottom and select another date from calendar		
 Report of the selected date is shown		Input
<b>C RP-MA03 - Export to PDF</b>		
<i>Is possible to extract report on PDF format with ; separator</i>		
 Click on Extract to PDF and select ; separator		
 Report on PDF format is available		Input
<b>C RP-MA03 - MRR , separator</b>		
<i>Is possible to extract report on PDF format with , separator</i>		
 Click on Extract to PDF and select - , separator		
 Report on PDF format is available		Input
<b>C RP-MA03 - Export to Excel</b>		
<i>Is possible to extract report on Excel format with ; separator</i>		
 Click on Extract to Excel and select ; separator		
 Report on Excel format is available		Input
<b>C RP-MA03 - MRR ; separator</b>		
<i>Is possible to extract report on Excel format with , separator</i>		
 Click on Extract to Excel and select - , separator		
 Report on Excel format is available		Input
<b>C RP-MS11 Collateral Account Balance 11.1</b>		
<i>Correct layout of report</i>		
 Precondition		
 Report MS11 produced by Clearing System		Verify
 User open report MS11		
 Layout of report MS11 is correct		Verify
<b>C RP-MS11 Collateral Account Balance 11.2</b>		
<i>User opens report MS11 for a Clearing Member</i>		
 Precondition		
 User opens report MS11 for a Clearing Member		Verify
 Verify that report can be used to verify the amounts to be settled within the daily settlement of margins.		
 This report can be used to verify the amounts to be settled within the daily settlement of margins.		Verify
<b>C RP-MS11 Collateral Account Balance 11.4</b>		
<i>Total Margin Requirement shows the total amount of margin of a Collateral account of a Clearing Member</i>		
 Precondition		
 User opens report MS11 for a Clearing Member		Verify

 Check if Total Margin Requirement shows the total amount of margin of a Collateral account of a Clearing Member		
 Correct value of Total Margin Requirement		Verify
<b>C RP-MS11 Collateral Account Balance 11.5</b>		
<i>Securities collateral pledged shows the amount of the securities used to cover the Total Margin</i>		
 Precondition		
 User opens report MS11 for a Clearing Member		Verify
 Check if Securities collateral pledged shows the amount of the securities used to cover the Total Margin		
 Correct value of Securities collateral pledged		Verify
<b>C RP-MS11 Collateral Account Balance 11.6</b>		
<i>Cash Margin Requirement is given by difference between Total Margin Requirement and Securities collateral pledged</i>		
 Precondition		
 User opens report MS11 for a Clearing Member		Verify
 Check if Cash Margin Requirement is given by difference between Total Margin Requirement and Securities collateral pledged		
 Correct value of Cash Margin Requirement		Verify
<b>C RP-MS11 Collateral Account Balance 11.7</b>		
<i>Cash Collateral Held is amount of Cash Collateral Held in a Collateral Account by a Clearing Member</i>		
 Precondition		
 User opens report MS11 for a Clearing Member		Verify
 Cash Collateral Held in a Collateral Account by a Clearing Member		
 Correct value of Cash Collateral Held		Verify
<b>C RP-MS11 Collateral Account Balance 11.8</b>		
<i>Margin Call is given by difference by Cash Margin Requirement and Cash Collateral Held</i>		
 Precondition		
 User opens report MS11 for a Clearing Member		Verify
 Check if Margin Call is difference by Cash Margin Requirement and Cash Collateral Held		
 Correct value of Margin Call		Verify
<b>C RP-MS11 Collateral Account Balance 11.9</b>		
<i>Excess Cash Collateral shows the cash deposited in the account not used for the coverage Margins</i>		
 Precondition		
 User opens report MS11 for a Clearing Member		Verify
 Verify that Excess Cash Collateral shows the cash deposited in the account not used for the coverage Margins		
 Correct value of Excess Cash Collateral		Verify

<b>C RP-MS11 Collateral Account Balance 11.10</b>		
<i>Excess Securities Collateral shows the securities value surplus that is available in addition to the margin call coverage.</i>		
 Precondition		
 User opens report MS11 for a Clearing Member		Verify
 Verify that Excess Securities Collateral shows the securities value surplus that is available in addition to the margin call coverage		
 Correct value of Excess Securities Collateral		Verify
<b>C RP-MS11 Collateral Account Balance 11.3</b>		
<i>Clearing System produces report MS11 before start of trading</i>		
 Check if report is produced before start of trading		
 Report is produced before start of trading		Verify
<b>C RP-MS11 - Other date Functionality</b>		
<i>Is possible to extract report on a different date</i>		
 Click on Other date bottom and select another date from calendar		
 Report of the selected date is shown		Input
<b>C RP-MS11 - Export to PDF</b>		
<i>Is possible to extract report on PDF format with ; separator</i>		
 Click on Extract to PDF and select ; separator		
 Report on PDF format is available		Input
<b>C RP-MS11 - MRR - , separator</b>		
<i>Is possible to extract report on PDF format with , separator</i>		
 Click on Extract to PDF and select - , separator		
 Report on PDF format is available		Input
<b>C RP-MS11 - Export to Excel</b>		
<i>Is possible to extract report on Excel format with ; separator</i>		
 Click on Extract to Excel and select ; separator		
 Report on Excel format is available		Input
<b>C RP-MS11 - MRR - ; separator</b>		
<i>Is possible to extract report on Excel format with , separator</i>		
 Click on Extract to Excel and select - , separator		
 Report on Excel format is available		Input
<b>C RP-MS33 Margin Call 12.1</b>		
<i>Correct layout of report</i>		
 Precondition		
 Report MS33 produced by Clearing System		Verify
 User opens report MS33		
 Layout of report MS33 is correct		Verify

<b>C RP-MS33 Margin Call 12.2</b>		
<i>User opens report MS33 for a Clearing Member</i>		
 Precondition		
 User opens report MS33 for a Clearing Member		Verify
 Verify that report contains the intraday Margin call		
 Report contains the intraday Margin call		Verify
<b>C RP-MS33 Margin Call 12.4</b>		
<i>Column shows the Collateral Account ID that receive the Margin Call</i>		
 Precondition		
 User opens report MS33 for a Clearing Member		Verify
 Check if column shows the Collateral Account ID that receive the Margin Call		
 Correct value of Collateral Account ID Column		Verify
<b>C RP-MS33 Margin Call 12.5</b>		
<i>Column shows the name of the Member that receives the Margin Call</i>		
 Precondition		
 User opens report MS33 for a Clearing Member		Verify
 Check if column shows the name of the Member that receives the Margin Call		
 Correct value of Member Name Column		Verify
<b>C RP-MS33 Margin Call 12.6</b>		
<i>Column shows the Margin Call Amount</i>		
 Precondition		
 User opens report MS33 for a Clearing Member		Verify
 Check if column shows the Margin Call Amount		
 Correct value of Margin Call Amount Column		Verify
<b>C RP-MS33 Margin Call 12.7</b>		
<i>Column shows the Margin Call Time</i>		
 Precondition		
 User opens report MS33 for a Clearing Member		Verify
 Check if column shows the Margin Call Time		
 Correct value of Margin Call Time		Verify
<b>C RP-MS33 Margin Call 12.8</b>		
<i>Column shows the Currency of Margin Call</i>		
 Precondition		
 User opens report MS33 for a Clearing Member		Verify
 Check if column shows the Currency of Margin Call		
 Correct value of Currency of Margin Call		Verify
<b>C RP-MS33 Margin Call 12.3</b>		
<i>Clearing System produces report MS33 intraday</i>		

 Check if report is produced intraday		
 Report is produced intraday		Verify
<b>C RP-MS33 - Other date Functionality</b>		
<i>Is possible to extract report on a different date</i>		
 Click on Other date bottom and select another date from calendar		
 Report of the selected date is shown		Input
<b>C RP-MS33- Export to PDF</b>		
<i>Is possible to extract report on PDF format with ; separator</i>		
 Click on Extract to PDF and select ; separator		
 Report on PDF format is available		Input
<b>C RP-MS33 - MRR , separator</b>		
<i>Is possible to extract report on PDF format with , separator</i>		
 Click on Extract to PDF and select - , separator		
 Report on PDF format is available		Input
<b>C RP-MS33 - Export to Excel</b>		
<i>Is possible to extract report on Excel format with ; separator</i>		
 Click on Extract to Excel and select ; separator		
 Report on Excel format is available		Input
<b>C RP-MS33 - MRR ; separator</b>		
<i>Is possible to extract report on Excel format with , separator</i>		
 Click on Extract to Excel and select - , separator		
 Report on Excel format is available		Input
<b>C RP-MS36 Margin – Amount by GCM/NCM 13.1</b>		
<i>Correct layout of report</i>		
 Precondition		
 Report MS36 produced by Clearing System		Verify
 User opens report MS36		
 Layout of report MS36 is correct		Verify
<b>C RP-MS36 Margin – Amount by GCM/NCM 13.2</b>		
<i>User opens report MS36 for a Clearing Member</i>		
 Precondition		
 User opens report MS36 for a Clearing Member		Verify
 Verify that report contains the intraday Margin call and the detail of the Initial Margins calculated on its behalf and on behalf of each Non-Clearing Member		
 Report contains the intraday Margin call and the detail of the Initial Margins calculated on its behalf and on behalf of each Non-Clearing Member		Verify

<b>C RP-MS36 Margin – Amount by GCM/NCM 13.4</b>		
<i>Column shows the Margin Account ID</i>		
 Precondition		
 User opens report MS36 for a Clearing Member		Verify
 Check if column shows the Margin Account ID		
 Correct value of Margin Account ID		Verify
<b>C RP-MS36 Margin – Amount by GCM/NCM 13.5</b>		
<i>Column shows the Account Category</i>		
 Precondition		
 User opens report MS36 for a Clearing Member		Verify
 Check if column shows the correct Account Category		
 Correct value of Margin Account ID		Verify
<b>C RP-MS36 Margin – Amount by GCM/NCM 13.6</b>		
<i>Column shows the Member Name</i>		
 Precondition		
 User opens report MS36 for a Clearing Member		Verify
 Check if column shows the correct Member Name		
 Correct value of Margin Account ID		Verify
<b>C RP-MS36 Margin – Amount by GCM/NCM 13.7</b>		
<i>Margin Amount indicates the total amount due (Initial Margins, Variation Margins, Premium) computed for each account of the Clearing Member and of the related Non Clearing Members;</i>		
 Precondition		
 User opens report MS36 for a Clearing Member		Verify
 Check if column shows the correct Margin amount		
 Correct value of Margin Amount		Verify
<b>C RP-MS36 Margin – Amount by GCM/NCM 13.8</b>		
<i>Column shows Currency of Margin Amount</i>		
 Precondition		
 User opens report MS36 for a Clearing Member		Verify
 Check if column shows the Currency of Margin Amount		
 Correct value of Currency		Verify
<b>C RP-MS36 Margin – Amount by GCM/NCM 13.9</b>		
<i>Total Margin is given by sum of all the Margin Amounts</i>		
 Precondition		
 User opens report MS36 for a Clearing Member		Verify
 Check if value of Total Margin is correct		
 Total Margin value is correct		Verify

<b>C RP-MS36 Margin – Amount by GCM/NCM 13.10</b>		
<i>Collateral Value indicates the value of the Clearing Member's collateral</i>		
 Precondition		
 User opens report MS36 for a Clearing Member		Verify
 Check if Collateral Value is correct		
 Collateral Value is correct		Verify
<b>C RP-MS36 Margin – Amount by GCM/NCM 13.11</b>		
<i>Margin Call amount indicates the total intraday margin calls amount requested for the indicated account</i>		
 Precondition		
 User opens report MS36 for a Clearing Member		Verify
 Check if value of Margin Call amount		
 Margin Call amount is correct		Verify
<b>C RP-MS36 Margin – Amount by GCM/NCM 13.3</b>		
<i>Clearing System produces report MS36 intraday</i>		
 Check if report is produced intraday		
 Report is produced intraday		Verify
<b>C RP-MS36 - Other date Functionality</b>		
<i>Is possible to extract report on a different date</i>		
 Click on Other date bottom and select another date from calendar		
 Report of the selected date is shown		Input
<b>C RP-MS36- Export to PDF</b>		
<i>Is possible to extract report on PDF format with ; separator</i>		
 Click on Extract to PDF and select ; separator		
 Report on PDF format is available		Input
<b>C RP-MS36 - MRR - , separator _1</b>		
<i>Is possible to extract report on PDF format with , separator</i>		
 Click on Extract to PDF and select - , separator		
 Report on PDF format is available		Input
<b>C RP-MS36 - Export to Excel</b>		
<i>Is possible to extract report on Excel format with ; separator</i>		
 Click on Extract to Excel and select ; separator		
 Report on Excel format is available		Input
<b>C RP-MS36 - MRR - ; separator</b>		
<i>Is possible to extract report on Excel format with , separator</i>		
 Click on Extract to Excel and select - , separator		
 Report on Excel format is available		Input

<b>C RP-MS14 Default Fund Contribution 14.1</b>		
<i>Correct layout of report</i>		
 Precondition		
 Report MS14 produced by Clearing System		Verify
 User opens report MS14		
 Layout of report MS14 is correct		Verify
<b>C RP-MS14 Default Fund Contribution 14.2</b>		
<i>User opens report MS14 for a Clearing Member</i>		
 Precondition		
 User opens report MS14 for a Clearing Member		Verify
 The report shows the amount of the Default Fund Cash Call		
 The report shows the amount of the Default Fund Cash Call		Verify
<b>C RP-MS14 Default Fund Contribution 14.4</b>		
<i>Column shows the Default Account ID of the Clearing Member</i>		
 Precondition		
 User opens report MS14 for a Clearing Member		Verify
 Check if column shows the Default Account ID of the Clearing Member		
 Correct value of the Default Account ID		Verify
<b>C RP-MS14 Default Fund Contribution 14.6</b>		
<i>Column shows the Variable Contribution value for the Clearing Member</i>		
 Precondition		
 User opens report MS14 for a Clearing Member		Verify
 Check if Average Initial Margin shows the average amount of the Initial Margins calculated during the observation period		
 Correct value of Variable Contribution		Verify
<b>C RP-MS14 Default Fund Contribution 14.7</b>		
<i>Column shows the Minimum Contribution value that a Clearing Member have to deposit for Default fund</i>		
 Precondition		
 User opens report MS14 for a Clearing Member		Verify
 Check if column shows the Minimum Contribution value that a Clearing Member have to deposit for Default fund		
 Correct value of Minimum Contribution		Verify
<b>C RP-MS14 Default Fund Contribution 14.8</b>		
<i>Column shows the Required Contribution value for the Clearing Member</i>		
 Precondition		
 User opens report MS14 for a Clearing Member		Verify

 Check if Required Contribution value is given by maxvalue between Minimum Contribution and Variable Contribution		
 Correct value of Required Contribution		Verify

#### RP-MS14 Default Fund Contribution 14.9

*Posted Collateral shows the cash deposited to cover the Contribution Amount*

 Precondition		
 User opens report MS14 for a Clearing Member		Verify
 Check if Posted Collateral column shows the cash deposited to cover the Contribution Amount		
 Correct value of Posted Collateral		Verify

#### RP-MS14 Default Fund Contribution 14.10

*Excess Cash shows the positive difference between Posted Collateral and Calculated contribution.*

 Precondition		
 User opens report MS14 for a Clearing Member		Verify
 Check if Excess Cash shows the positive difference between Posted Collateral and Calculated contribution.		
 Correct value of Excess Cash		Verify

#### RP-MS14 Default Fund Contribution 14.11

*Excess Cash shows the negative difference between Posted Collateral and Calculated contribution.*

 Precondition		
 User opens report MS14 for a Clearing Member		Verify
 Check if Excess Cash shows the positive difference between Posted Collateral and Calculated contribution.		
 Correct value of Excess Cash		Verify

#### RP-MS14 Default Fund Contribution 14.12

*Column shows the Currency used for Default Fund Account*

 Precondition		
 User opens report MS14 for a Clearing Member		Verify
 Check if column shows the Currency used for Default Fund Account		
 Correct value of Currency		Verify

#### RP-MS14 Default Fund Contribution 14.13

*Period shows the first day and the last day of the contribuition period (the period is flexible).*

 Precondition		
 User opens report MS14 for a Clearing Member		Verify
 Period shows the first day and the last day of the contribuition period (the period is flexible)		
 Correct value of Period		Verify

#### RP-MS14 Default Fund Contribution 14.3

*Clearing System produces report MS14 on request*

 Check if report is produced on request		
 Report is produced on request		Verify

C RP-MS14 - Other date Functionality		
<i>Is possible to extract report on a different date</i>		
 Click on Other date bottom and select another date from calendar		
 Report of the selected date is shown		Input

C RP-MS14- Export to PDF		
<i>Is possible to extract report on PDF format with ; separator</i>		
 Click on Extract to PDF and select ; separator		
 Report on PDF format is available		Input

C RP-MS14 - MRR , separator		
<i>Is possible to extract report on PDF format with , separator</i>		
 Click on Extract to PDF and select - , separator		
 Report on PDF format is available		Input

C RP-MS14 - Export to Excel		
<i>Is possible to extract report on Excel format with ; separator</i>		
 Click on Extract to Excel and select ; separator		
 Report on Excel format is available		Input

C RP-MS14 - MRR ; separator		
<i>Is possible to extract report on Excel format with , separator</i>		
 Click on Extract to Excel and select - , separator		
 Report on Excel format is available		Input

C RP-MS14 Default Fund Contribution 14.5		
<i>DF Call is given by the max value between 0 and the positive difference between required contribution and posted collateral</i>		
 Precondition		
 User opens report MS14 for a Clearing Member		Verify
 Check if DF Call shows the max value between 0 and the positive difference between required contribution and posted collateral		
 Correct value of Excess Cash		Verify

C RP-MS16 Default Fund – Calculation Details 16.1		
<i>Correct layout of report</i>		
 Precondition		
 Report MS15 produced by Clearing System		Verify
 User opens report MS16		
 Layout of report MS16 is correct		Verify

C RP-MS16 Default Fund – Calculation Details 16.2		
<i>User opens report MS16 for a Clearing Member</i>		

 Precondition		
 User opens report MS15 for a Clearing Member		Verify
 Verify that report shows the amount of the Contribution to the Default Fund and the details of the calculation day by day for the Clearing Member		
 Report shows the amount of the Contribution to the Default Fund and the details of the calculation day by day for the Clearing Member		Verify

#### C RP-MS16 Default Fund – Calculation Details 16.4

*Column shows the Margin date of the Clearing Member Day by Day*

 Precondition		
 User opens report MS15 for a Clearing Member		Verify
 Check if column shows the Margin Date of the Clearing Member Day by Day		
 Correct value of the Margin Date Column		Verify

#### C RP-MS16 Default Fund – Calculation Details 16.5

*Column shows the House/Account Margin Value of the Clearing Member Day by Day*

 Precondition		
 User opens report MS15 for a Clearing Member		Verify
 Check if column shows the House/Account Margin Value of the Clearing Member Day by Day		
 Correct value of the House/Account Margin		Verify

#### C RP-MS16 Default Fund – Calculation Details 16.6

*Column shows the Client/Account Margin Value of the Clearing Member Day by Day*

 Precondition		
 User opens report MS15 for a Clearing Member		Verify
 Check if column shows the Client/Account Margin Value of the Clearing Member Day by Day		
 Correct value of the Client/Account Margin		Verify

#### C RP-MS16 Default Fund – Calculation Details 16.7

*Column shows the Total Margin Value of the Clearing Member Day by Day. Value is given by sum of House and Client Account Margins*

 Precondition		
 User opens report MS15 for a Clearing Member		Verify
 Check if column shows the correct Total Margin Value of the Clearing Member Day by Day		
 Correct value of the Total Margin		Verify

#### C RP-MS16 Default Fund – Calculation Details 16.8

*Column shows the Currency of Margin Accounts for the Clearing Member*

 Precondition		
 User opens report MS15 for a Clearing Member		Verify
 Check if column shows the Currency of Margin Accounts for the Clearing Member		
 Correct value of the Currency		Verify

<b>C RP-MS16 Default Fund – Calculation Details 16.9</b>		
<i>Margin row shows total value of all Margins in the reference period</i>		
 Precondition		
 User opens report MS15 for a Clearing Member		Verify
 Check if Margin row shows total value of all Margins in the reference period		
 Correct value of the Margin on Summary		Verify
<b>C RP-MS16 Default Fund – Calculation Details 16.10</b>		
<i>Average row shows average of all Margins in the reference period</i>		
 Precondition		
 User opens report MS15 for a Clearing Member		Verify
 Check if Average row shows total value of all Margins in the reference period		
 Correct value of the Average on Summary		Verify
<b>C RP-MS16 Default Fund – Calculation Details 16.3</b>		
<i>Clearing System produces report MS16 on request</i>		
 Check if report is produced on request		
 Report is produced on request		Verify
<b>C RP-MS16 - Other date Functionality</b>		
<i>Is possible to extract report on a different date</i>		
 Click on Other date bottom and select another date from calendar		
 Report of the selected date is shown		Input
<b>C RP-MS16- Export to PDF</b>		
<i>Is possible to extract report on PDF format with ; separator</i>		
 Click on Extract to PDF and select ; separator		
 Report on PDF format is available		Input
<b>C RP-MS16 - MRR - , separator</b>		
<i>Is possible to extract report on PDF format with , separator</i>		
 Click on Extract to PDF and select - , separator		
 Report on PDF format is available		Input
<b>C RP-MS16 - Export to Excel</b>		
<i>Is possible to extract report on Excel format with ; separator</i>		
 Click on Extract to Excel and select ; separator		
 Report on Excel format is available		Input
<b>C RP-MS16 - MRR - ; separator</b>		
<i>Is possible to extract report on Excel format with , separator</i>		
 Click on Extract to Excel and select - , separator		
 Report on Excel format is available		Input

<b>C RP-MS25 Correct layout of report 16.1 P</b>		
<i>Correct layout of report</i>		
 User open report MS25		
 Layout of report MS25 is correct		Verify
<b>C RP-MS25 The report shows the amount initial Margins, calculated for each margin account and collateral account 16.2 P</b>		
<i>User opens report MS25 for a Clearing Member</i>		
 Check that report shows the amount of initial Margins, calculated for each margin account and collateral account		
 The report shows the amount of initial Margins, calculated for each margin account and collateral account		Verify
<b>C RP-MS25 Report scheduling 16.3 P</b>		
<i>Clearing System produces report MS25 more times per day</i>		
 Check if report is produced more times per day		
 Report is updated more times per day		Verify
<b>C RP-MS25 Margin Account ID column 16.4 P</b>		
<i>Column shows the Margin Account ID of the Clearing Member</i>		
 Check if column correctly shows the Margin Account ID of the Clearing Member		
 Correct values of the Margin Account ID column		Verify
<b>C RP-MS25 Account Category column 16.5 P</b>		
<i>Column shows the Account Category of the Clearing Member</i>		
 Check if column correctly shows the Account Category of the Clearing Member		
 Correct values of the Account Category column		Verify
<b>C RP-MS25 Collateral Account ID column 16.6 P</b>		
<i>Column shows the Collateral Account ID of the Clearing Member</i>		
 Check if column correctly shows the Collateral Account ID of the Clearing Member		
 Correct values of the Collateral Account ID column		Verify
<b>C RP-MS25 Currency column 16.7 P</b>		
<i>Column shows the Currency of the Clearing Member</i>		
 Check if column correctly shows the Currency of the Clearing Member		
 Correct values of the Currency column		Verify
<b>C RP-MS25 Initial Margin column 16.8 P</b>		
<i>Column shows the Initial Margin of the Clearing Member</i>		
 Check if column correctly shows the Initial Margin of the Clearing Member		
 Correct values of the Initial Margin column		Verify

<b>C RP-MS25 Add-on Margin 16.9 P</b>		
<i>Cell of Add-in Margin is reported under the cell of Inizial Margin sum</i>		
 Check if cell of Add-in Margin is reported under the cell of Initial Margin sum		
 Cell of Add-in Margin is reported under the cell of Initial Margin sum		Verify
<b>C RP-MS25 Margin Requirement 16.10 P</b>		
<i>Cell of Margin Requirement is reported under the cell of Initial Margin sum. It is given by the Initial Margin sum plus the Add-in Margin</i>		
 Check if cell of Margin Requirement is reported under the cell of Inizial Margin sum		
 Margin Requirement is reported under the cell of Initial Margin sum. It is given by the Initial Margin sum plus the Add-in Margin		Verify
<b>C RP-MS25 Initial Margin sum 16.11 P</b>		
<i>Cell of Initial Margin sum is populated with the sum of all Initial Margins of the Clearing Member</i>		
 Check if Initial Margin sum is populated with the sum of all Initial Margins of the Clearing Member		
 Correct sum of the Initial Margins		Verify
<b>C RP-MS25 Last Update Date&amp;Time column 16.12 P</b>		
<i>Column shows the Last Update Date&amp;Time of the Clearing Member</i>		
 Check if column correctly shows the Last Update Date&Time of the Clearing Member		
 Correct values of the Last Update Date&Time column		Verify
<b>C RP-MS15 Default Fund – Quota Calculation 15.1</b>		
<i>Correct layout of report</i>		
 Precondition		
 Report MS15 produced by Clearing System		Verify
 User opens report MS15		
 Layout of report MS15 is correct		Verify
<b>C RP-MS15 Default Fund – Quota Calculation 15.2</b>		
<i>User opens report MS16 for a Clearing Member</i>		
 Precondition		
 User opens report MS15 for a Clearing Member		Verify
 Verify that report shows the Average Initial Margin calculated for each Margin Account and the Default Fund contribution quota calculation		
 Report shows the Average Initial Margin calculated for each Margin Account and the Default Fund contribution quota calculation		Verify
<b>C RP-MS15 Default Fund – Quota Calculation 15.4</b>		
<i>Column shows the Margin Account ID of the Clearing Member</i>		
 Precondition		

 User opens report MS15 for a Clearing Member		Verify
 Check if column shows the Margin Account ID of the Clearing Member		
 Correct value of the Margin Account ID Column		Verify
<b>C RP-MS15 Default Fund – Quota Calculation 15.5</b>		
<i>Column shows the Average Margin for every Margin Account ID</i>		
 Precondition		
 User opens report MS15 for a Clearing Member		Verify
 Check if column shows the Average Margin for every Margin Account ID		
 Correct value of the House/Account Margin		Verify
<b>C RP-MS15 Default Fund – Quota Calculation 15.9</b>		
<i>Average row shows Average value for the clearing member</i>		
 Precondition		
 User opens report MS15 for a Clearing Member		Verify
 Check if Average row shows Average value per clearing member		
 Correct value of the Average		Verify
<b>C RP-MS15 Default Fund – Quota Calculation 15.10</b>		
<i>Average total row shows total average between all participants</i>		
 Precondition		
 User opens report MS15 for a Clearing Member		Verify
 Check if Average total shows total value between all participants		
 Correct value of the Average on Summary		Verify
<b>C RP-MS15 Default Fund – Quota Calculation 15.3</b>		
<i>Clearing System produces report MS15 on request</i>		
 Check if report is produced on request		
 Report is produced on request		Verify
<b>C RP-MS15 - Other date Functionality</b>		
<i>Is possible to extract report on a different date</i>		
 Click on Other date bottom and select another date from calendar		
 Report of the selected date is shown		Input
<b>C RP-MS15- Export to PDF</b>		
<i>Is possible to extract report on PDF format with ; separator</i>		
 Click on Extract to PDF and select ; separator		
 Report on PDF format is available		Input
<b>C RP-MS15 - MRR - , separator</b>		
<i>Is possible to extract report on PDF format with , separator</i>		
 Click on Extract to PDF and select - , separator		

 Report on PDF format is available		Input
<b>C RP-MS15 - Export to Excel</b>		
<i>Is possible to extract report on Excel format with ; separator</i>		
 Click on Extract to Excel and select ; separator		
 Report on Excel format is available		Input
<b>C RP-MS15 - MRR - ; separator</b>		
<i>Is possible to extract report on Excel format with , separator</i>		
 Click on Extract to Excel and select - , separator		
 Report on Excel format is available		Input
<b>C RP-MS15 Default Fund – Quota Calculation 15.11</b>		
%a/b		
 Precondition		
 User opens report MS15 for a Clearing Member		Verify
 Check if % = (a /b) is given by Average/Average total		
 Correct value of %		Verify
<b>C RP-MS15 Default Fund – Quota Calculation 15.12</b>		
<i>Total DF</i>		
 Precondition		
 User opens report MS15 for a Clearing Member		Verify
 Check if value of DF is correct		
 Correct value of DF		Verify
<b>C RP-MS15 Default Fund – Quota Calculation 15.13</b>		
<i>Contr Calc</i>		
 Precondition		
 User opens report MS15 for a Clearing Member		Verify
 Check if value of Contr Calc is correct		
 Value is given by total of DF* %		Verify
<b>C RP-MS15 Default Fund – Quota Calculation 15.14</b>		
<i>Contr Amount</i>		
 Precondition		
 User opens report MS15 for a Clearing Member		Verify
 Check if value of Contr Amount is correct		
 Value is given by round Contr Calc		Verify
<b>C Text Block -Sequence A - tag 23G:NEWM 3.3.1 P</b>		
<i>In case of a new settlement message tag 23G is populated with NEWM value</i>		
 Precondition		
 SWIFT message from the Clearing System to communicate a new settlement		Verify

 Verify that tag 23G:NEWM		
 Tag 23G:NEWM		Verify

### Text Block -Sequence A - tag 23G:CANC 3.3.1 P

*In case of a cancellation message tag 23G is populated with CANC value*

 Precondition		
 SWIFT message from the Clearing System to communicate a cancellation of a previously sent message		Verify
 Verify that tag 23G:CANC		
 Tag 23G:CANC		Verify

### Text Block -Sequence C - tag 36B:SETT//FAMT 3.3.1 P

*Quantity expressed as an amount representing the face amount*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that tag 36B:SETT//FAMT		
 Example tag 36B::SETT//FAMT/3000		Verify

### Text Block -Sequence C- tag 36B:SETT//UNIT 3.3.1 P

*Quantity expressed as a number, for example, a number of shares.*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that tag tag 36B:SETT//UNIT		
 Example tag 36B::SETT//UNIT/1		Verify

### Text Block -Subsequence C - Tag 97A::SAFE - Participant 3.3.1 P

*If instruction is on behalf of a participant tag is populated with the CSD Account Identifier associated with the CSD of settlement against the participants relevant settlement account*

 Precondition		
 Instruction is on behalf of a participant		Verify
 Verify that if instruction is on behalf of a participant tag is populated with the CSD Account Identifier associated with the CSD of settlement against the participants relevant settlement account		
 Tag 97A::SAFE [SettlementAccountItem][Settlement Agent Security Account ID]		Verify

### Text Block - Subsequence C - Tag 97A::SAFE - CCP 3.3.1 P

*If the instruction is on behalf of the CCP, this is populated with the CSD account code associated with CSD of settlement for the purpose of Securities Settlement against the CCP's*

 Precondition		
 Instruction is on behalf of the CCP		Verify
 Verify that if instruction is on behalf of the CCP, this is populated with the CSD account code associated with CSD of settlement for the purpose of Securities Settlement against the CCP's		
 Tag 97A::SAFE [SettlementAccountItem][CCP Security Account ID]		Verify

 Text Block -Subsequence E1 - Tag 95P::DEAG - Participant 3.3.1 P		
<i>If instruction is on behalf of a participant tag Is populated with the BIC code of the CCP</i>		
 Precondition		
 Instruction is on behalf of a participant		Verify
 Verify that if instruction is on behalf of a participant tag Is populated with the BIC code of the CCP		
 Tag Is populated with the BIC code of the CCP		Verify

 Text Block -Subsequence E1 - Tag 95P::DEAG - CCP 3.3.1 P		
<i>If instruction is on behalf of a participant tag is populated with the BIC code of the counterparty firm</i>		
 Precondition		
 Instruction is on behalf of the CCP		Verify
 Verify that if instruction is on behalf of a participant tag is populated with the BIC code of the counterparty firm		
 Tag is populated with the BIC code of the counterparty firm		Verify

 Tag 20C::SEME - Population of target table 3.3.1 P		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

 Tag 23G::NEWM/CANC - Population of target table 3.3.1 P		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Tag 13A::LINK - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 20C::PREV - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 98A::SETT - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 98A::TRAD - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 35B::ISIN - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Tag 36B::SETT - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 97A::SAFE - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22F::SETR - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22F::STCO - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22F::CCPT - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Tag 95P::PSET - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 95P::DEAG - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence A - tag 23G:NEWM 3.3.2 P</b>		
<i>In case of a new settlement message tag 23G is populated with NEWM value</i>		
 Precondition		
 SWIFT message from the Clearing System to communicate a new settlement		Verify
 Verify that tag 23G:NEWM		
 Tag 23G:NEWM		Verify
<b>C Text Block -Sequence A - tag 23G:CANC 3.3.2 P</b>		
<i>In case of a cancellation message tag 23G is populated with CANC value</i>		
 Precondition		
 SWIFT message from the Clearing System to communicate a cancellation of a previously sent message		Verify
 Verify that tag 23G:CANC		
 Tag 23G:CANC		Verify
<b>C Text Block -Sequence C - tag 36B:FAMT 3.3.2 P</b>		
<i>Quantity expressed as an amount representing the face amount</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that tag 36B:FAMT		
 Tag 36B:FAMT		Verify
<b>C Text Block -Sequence C- tag 36B:UNIT 3.3.2 P</b>		
<i>Quantity expressed as a number, for example, a number of shares.</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify

 Verify that tag 36B:UNIT		
 Tag 36B:UNIT		Verify

C Text Block -Sequence C- Tag 97A::SAFE - Participant 3.3.2 P		
<i>If instruction is on behalf of a participant tag is populated with the CSD Account Identifier associated with the CSD of settlement against the participants relevant settlement account</i>		
 Precondition		
 Instruction is on behalf of a participant		Verify
 Verify that if instruction is on behalf of a participant tag is populated with the CSD Account Identifier associated with the CSD of settlement against the participants relevant settlement account		
 Tag 97A::SAFE [SettlementAccountItem][Settlement Agent Security Account ID]		Verify

C Text Block -Sequence C- Tag 97A::SAFE - CCP 3.3.2 P		
<i>If the instruction is on behalf of the CCP, this Is populated with the CSD account code associated with CSD of settlement for the purpose of Securities Settlement against the CCP's</i>		
 Precondition		
 Instruction is on behalf of the CCP		Verify
 Verify that if instruction is on behalf of the CCP, this Is populated with the CSD account code associated with CSD of settlement for the purpose of Securities Settlement against the CCP's		
 Tag 97A::SAFE [SettlementAccountItem][CCP Security Account ID]		Verify

C Text Block -Sequence C-Tag 97A::CASH - CCP 3.3.2 P		
<i>If instruction is on behalf of the CCP tag Is populated with the Payment system account code associated with CSD of settlement for the purpose of Securities Settlement against the CCP's Default Account table for Payment Systems</i>		
 Precondition		
 Instruction is on behalf of the CCP		Verify
 Verify that if instruction is on behalf of the CCP tag Is populated with the Payment system account code associated with CSD of settlement for the purpose of Securities Settlement against the CCP's Default Account table for Payment Systems		
 Tag Is populated with the Payment system account code associated with CSD of settlement for the purpose of Securities Settlement against the CCP's Default Account table for Payment Systems		Verify

C Text Block -Sequence C-Tag 97A::CASH - Participant 3.3.2 P		
<i>If instruction is on behalf of a participant tag Is populated with the Cash Account Identifier associated with the CSD of settlement against the participants relevant settlement account</i>		
 Precondition		
 Instruction is on behalf of a participant		Verify
 Verify that if instruction is on behalf of a participant tag Is populated with the Cash Account Identifier associated with the CSD of settlement against the participants relevant settlement account		

 Tag Is populated with the Cash Account Identifier associated with the CSD of settlement against the participants relevant settlement account		Verify
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C Text Block -Subsequence E1 - Tag 95P::DEAG - Participant 3.3.2 P		
<i>If instruction is on behalf of a participant tag Is populated with the BIC code of the CCP</i>		
 Precondition		
 Instruction is on behalf of a participant		Verify
 Verify that if instruction is on behalf of a participant tag Is populated with the BIC code of the CCP		
 Tag Is populated with the BIC code of the CCP		Verify

C Text Block -Subsequence E1 - Tag 95P::DEAG - CCP 3.3.2 P		
<i>If instruction is on behalf of a participant tag is populated with the BIC code of the counterparty firm</i>		
 Precondition		
 Instruction is on behalf of the CCP		Verify
 Verify that if instruction is on behalf of a participant tag is populated with the BIC code of the counterparty firm		
 Tag is populated with the BIC code of the counterparty firm		Verify

C Tag 95P::PSET - Population of target table 3.3.2 P		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

C Tag 95P::DEAG - Population of target table 3.3.2 P		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

C Tag 19A::SETT - Population of target table 3.3.2 P		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

C Tag 22F::CCPT - Population of target table 3.3.2 P		
<i>Target table field is populated with value of Tag</i>		
 Precondition		

 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Tag 22F::STCO - Population of target table 3.3.2 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Tag 22F::SETR - Population of target table 3.3.2 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Tag 97A::CASH - Population of target table 3.3.2 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Tag 97A::SAFE - Population of target table 3.3.2 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Tag 36B::SETT - Population of target table 3.3.2 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Tag 35B::ISIN - Population of target table 3.3.2 P

*Target table field is populated with value of Tag*

 Precondition		
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 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Tag 98A:TRAD - Population of target table 3.3.2 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Tag 98A:SETT - Population of target table 3.3.2 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Tag 20C::PREV - Population of target table 3.3.2 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Tag 13A::LINK - Population of target table 3.3.2 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Tag 23G::NEW/CANC - Population of target table 3.3.2 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Tag 20C::SEME - Population of target table 3.3.2 P

*Target table field is populated with value of Tag*

 Precondition		
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 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Text Block -Sequence A - tag 23G:NEWM 3.3.3 P

*In case of a new settlement message tag 23G is populated with NEWM value*

 Precondition		
 SWIFT message from the Clearing System to communicate a new settlement		Verify
 Verify that tag 23G:NEWM		
 Tag 23G:NEWM		Verify

### Text Block -Sequence A - tag 23G:CANC 3.3.3 P

*In case of a cancellation message tag 23G is populated with CANC value*

 Precondition		
 SWIFT message from the Clearing System to communicate a cancellation of a previously sent message		Verify
 Verify that tag 23G:CANC		
 Tag 23G:CANC		Verify

### Text Block -Sequence C - tag 36B:FAMT 3.3.3 P

*Quantity expressed as an amount representing the face amount*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that tag 36B:FAMT		
 Tag 36B:FAMT		Verify

### Text Block -Sequence C- tag 36B:UNIT 3.3.3 P

*Quantity expressed as a number, for example, a number of shares.*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that tag 36B:UNIT		
 Tag 36B:UNIT		Verify

### Text Block -Sequence C- Tag 97A::SAFE -Participant 3.3.3 P

*If instruction is on behalf of a participant tag is populated with the CSD Account Identifier associated with the CSD of settlement against the participants relevant settlement account*

 Precondition		
 Instruction is on behalf of a participant		Verify

 Verify that if instruction is on behalf of a participant tag is populated with the CSD Account Identifier associated with the CSD of settlement against the participants relevant settlement account		
 Tag 97A::SAFE [SettlementAccountItem][Settlement Agent Security Account ID]		Verify

#### Text Block -Sequence C- Tag 97A::SAFE - CCP 3.3.3 P

<i>If the instruction is on behalf of the CCP, this is populated with the CSD account code associated with CSD of settlement for the purpose of Securities Settlement against the CCP's</i>		
 Precondition		
 Instruction is on behalf of the CCP		Verify
 Verify that if instruction is on behalf of the CCP, this is populated with the CSD account code associated with CSD of settlement for the purpose of Securities Settlement against the CCP's		
 Tag 97A::SAFE [SettlementAccountItem][CCP Security Account ID]		Verify

#### Text Block -Subsequence E1 -Tag 95P::REAG - Participant 3.3.3 P

<i>If instruction is on behalf of a participant tag is populated with the BIC code of the CCP</i>		
 Precondition		
 Instruction is on behalf of a participant		Verify
 Verify that if instruction is on behalf of a participant tag is populated with the BIC code of the CCP		
 Tag is populated with the BIC code of the CCP		Verify

#### Text Block -Subsequence E1 -Tag 95P::REAG - CCP 3.3.3 P

<i>If instruction is on behalf of a participant tag is populated with the BIC code of the counterparty firm</i>		
 Precondition		
 Instruction is on behalf of the CCP		Verify
 Verify that if instruction is on behalf of a participant tag is populated with the BIC code of the counterparty firm		
 Tag is populated with the BIC code of the counterparty firm		Verify

#### Tag 20C::SEME - Population of target table 3.3.3 P

<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Tag 23G::NEW/CANC - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 13A::LINK - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 20C::PREV - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 98A::SETT - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 98A::TRAD - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Tag 35B::ISIN - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 36B::SETT - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 97A::SAFE - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22F::SETR - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22F::STCO - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Tag 22F::CCPT - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 95P::PSET - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 95P::REAG - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence A - tag 23G:NEWM 3.3.4 P</b>		
<i>In case of a new settlement message tag 23G is populated with NEWM value</i>		
 Precondition		
 SWIFT message from the Clearing System to communicate a new settlement		Verify
 Verify that tag 23G:NEWM		
 Tag 23G:NEWM		Verify
<b>C Text Block -Sequence A - tag 23G:CANC 3.3.4 P</b>		
<i>In case of a cancellation message tag 23G is populated with CANC value</i>		
 Precondition		
 SWIFT message from the Clearing System to communicate a cancellation of a previously sent message		Verify
 Verify that tag 23G:CANC		
 Tag 23G:CANC		Verify

<b>C Text Block -Sequence C - tag 36B:FAMT 3.3.4 P</b>		
<i>Quantity expressed as an amount representing the face amount</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that tag 36B:FAMT		
 Tag 36B:FAMT		Verify
<b>C Text Block -Sequence C- tag 36B:UNIT 3.3.4 P</b>		
<i>Quantity expressed as a number, for example, a number of shares.</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that tag 36B:UNIT		
 Tag 36B:UNIT		Verify
<b>C Text Block -Sequence C- Tag 97A::SAFE -Participant 3.3.4 P</b>		
<i>If instruction is on behalf of a participant tag is populated with the CSD Account Identifier associated with the CSD of settlement against the participants relevant settlement account</i>		
 Precondition		
 Instruction is on behalf of a participant		Verify
 Verify that if instruction is on behalf of a participant tag is populated with the CSD Account Identifier associated with the CSD of settlement against the participants relevant settlement account		
 Tag 97A::SAFE [SettlementAccountItem][Settlement Agent Security Account ID]		Verify
<b>C Text Block -Sequence C- Tag 97A::SAFE - CCP 3.3.4 P</b>		
<i>If the instruction is on behalf of the CCP, this Is populated with the CSD account code associated with CSD of settlement for the purpose of Securities Settlement against the CCP's</i>		
 Precondition		
 Instruction is on behalf of the CCP		Verify
 Verify that if instruction is on behalf of the CCP, this Is populated with the CSD account code associated with CSD of settlement for the purpose of Securities Settlement against the CCP's		
 Tag 97A::SAFE [SettlementAccountItem][CCP Security Account ID]		Verify
<b>C Text Block -Sequence C - Tag 97A::CASH - Matching with CCP cash account OK 3.3.4 P</b>		
<i>Cash value is compared against the CCP cash account associated with the CSD of settlement. If matching is OK instruction is processed</i>		

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that if matching between Cash Value of tag and the CCP Cash Account associated with the CSD of settlement is OK instruction is processed		
 Instruction is processed		Verify

 Text Block -Sequence C - Tag 97A::CASH - Matching with CCP cash account KO 3.3.4 N		
<i>Cash value is compared against the CCP cash account associated with the CSD of settlement. If matching is KO instruction is not processed</i>		
 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that if matching between Cash Value of tag and the CCP Cash Account associated with the CSD of settlement is KO instruction is not processed		
 Instruction is not processed		Verify

 Text Block -Subsequence E1 - Tag 95P::REAG -Participant 3.3.4 P		
<i>If instruction is on behalf of a participant tag Is populated with the BIC code of the CCP</i>		
 Precondition		
 Instruction is on behalf of a participant		Verify
 Verify that if instruction is on behalf of a participant tag Is populated with the BIC code of the CCP		
 Tag Is populated with the BIC code of the CCP		Verify

 Text Block -Subsequence E1 - Tag 95P::REAG - CCP 3.3.4 P		
<i>If instruction is on behalf of a participant tag is populated with the BIC code of the counterparty firm</i>		
 Precondition		
 Instruction is on behalf of the CCP		Verify
 Verify that if instruction is on behalf of a participant tag is populated with the BIC code of the counterparty firm		
 Tag is populated with the BIC code of the counterparty firm		Verify

 Tag 20C::SEME - Population of target table 3.3.4 P		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Tag 23G::NEW/CANC - Population of target table 3.3.4 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 13A::LINK - Population of target table 3.3.4 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 20C::PREV - Population of target table 3.3.4 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 98A::SETT - Population of target table 3.3.4 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 98A::TRAD - Population of target table 3.3.4 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

**C Tag 35B::ISIN - Population of target table 3.3.4 P**
*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

**C Tag 36B::SETT - Population of target table 3.3.4 P**
*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

**C Tag 97A::SAFE - Population of target table 3.3.4 P**
*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

**C Tag 97A::CASH - Population of target table 3.3.4 P**
*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

**C Tag 22F::SETR - Population of target table 3.3.4 P**
*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

**C Tag 22F::STCO - Population of target table 3.3.4 P**
*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

**C Tag 22F::CCPT - Population of target table 3.3.4 P**
*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

**C Tag 95P::PSET - Population of target table 3.3.4 P**
*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

**C Tag 95P::REAG - Population of target table 3.3.4 P**
*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

**C Tag 19A::SETT - Population of target table 3.3.4 P**
*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Text Block -Sequence A - Tag 20C - SEME - Negative test 3.3.5 N</b>		
<i>If a duplicate reference is received during the day, the message is processed with a warning.</i>		
 Precondition		
 Duplicate reference received		Verify
 Verify that if a duplicate reference is received during the day, the message is processed with a warning.		
 Message is processed with a warning.		Verify
<b>C Text Block -Sequence A - Tag 20C - SEME - Validation OK 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received and Validation OK		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence A - Tag 23G &lt;&gt; NEWM 3.3.5 N</b>		
<i>If this field is different from NEWM, the message is processed with a warning.</i>		
 Precondition		
 Tag 23G <> NEWM		Verify
 Verify that if this field is different from NEWM, the message is processed with a warning.		
 Message is processed with a warning.		Verify
<b>C Text Block -Sequence A - Tag 23G = NEWM 3.3.5 P</b>		
<i>Check the value=NEWM on table</i>		
 Precondition		
 Tag 23G = NEWM		Verify
 Verify that if this field is NEWM, value is charged on table		
 Value=NEWM on table		Verify
<b>C Text Block -Sequence A - Tag 98C PREP 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag and correct date format		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence A1 - Tag 20C RELA - Negative test for reference not found 3.3.5 N</b>		
<i>Reference = SEME reference of the original 540 message which was previously sent by Clearing System. If the instruction cannot be located, the System doesn't process the message and generates a warning</i>		
 Precondition		
 Reference to SEME of original 540 message not found		Verify

 Verify that if reference to SEME of original 540 message not found, the System doesn't process the message and generates a warning		
 System doesn't process the message and generates a warning		Verify

C Text Block -Sequence A1 - Tag 20C RELA - Negative test for RELA not available 3.3.5 N		
<i>If RELA is not available, the System doesn't process the message and generates a warning.</i>		
 Precondition		
 RELA not available on message		Verify
 Verify that if RELA is not available, the System doesn't process the message and generates a warning.		
 System doesn't process the message and generates a warning		Verify

C Text Block -Sequence A1 - Tag 20C RELA - Positive test 3.3.5 P		
<i>If correct reference to SEME of original 540 message found, target table field is populated with value of Tag</i>		
 Precondition		
 Correct reference to SEME of original 540 message		Verify
 Verify that if correct reference to SEME of original 540 message found, target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

C Text Block -Sequence A1 - Tag 20C MITI 3.3.5 P		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

C Text Block -Sequence B - Tag 98A SETT - Negative test 3.3.5 N		
<i>It is compared against the Settlement date specified on the referenced settlement instruction (540). If there is a mismatch the message is processed with a warning.</i>		
 Precondition		
 Reference to Settlement date of original 540 KO		Verify
 Verify that if there is a mismatch between dates message is processed with a warning		
 Message is processed with a warning.		Verify

C Text Block -Sequence B - Tag 98A SETT not available 3.3.5 P		
<i>If SETT is not available, the above validation doesn't take place</i>		
 Precondition		
 Tag 98A SETT not available		Verify
 Verify that if SETT is not available, the above validation doesn't take place.		
 Message is processed		Verify

<b>C Text Block -Sequence B - Tag 98A SETT 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Reference to Settlement date of original 540 OK		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence B - Tag 98A TRAD 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence B - Tag 98C ESETT 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag and correct date format		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence B - Tag 35B - warning on ISIN 3.3.5 N</b>		
<i>It is validated against the ISIN of the instrument in the System. If there is a mismatch the message is processed with a warning.</i>		
 Precondition		
 Message received with a mismatch on ISIN		Verify
 Verify that message is processed with a warning.		
 Message is processed with a warning.		Verify
<b>C Text Block -Sequence B - Tag 35B - Correct ISIN 3.3.5 P</b>		
<i>/ISIN validated</i>		
 Precondition		
 Message received with correct ISIN		Verify
 Verify that target table field is populated with value of ISIN		
 Target table field is populated with value of ISIN		Verify
<b>C Text Block -Sequence C - Tag 36B ESTT - Negative Test 3.3.5 N</b>		
<i>It is compared against the original Quantity previously sent by the Clearing System. If this value doesn't match the message is processed with a warning.</i>		
 Precondition		
 Quantity sent by Clearing System <> Quantity sent by CSD		Verify

 Verify that if Quantity sent by Clearing System <> Quantity sent by CSD, the message is processed with a warning.		
 Message is processed with a warning.		Verify

#### C Text Block -Sequence C - Tag 36B ESTT - Positive Test 3.3.5 P

*If Quantity sent by Clearing System = Quantity sent by CSD message is processed and target table field is populated with value of Tag*

 Precondition		
 Quantity sent by Clearing System = Quantity sent by CSD		Verify
 Verify that if Quantity sent by Clearing System = Quantity sent by CSD message is processed and target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

#### C Text Block -Sequence C - Tag 97A SAFE - Negative Test 3.3.5 N

*It is compared against the CCP Security Account ID associated with CSD of settlement. If this value doesn't match the message is processed with a warning.*

 Precondition		
 Safekeeping Account <> CCP Security Account ID associated with CSD of settlement		Verify
 Verify that if there is a mismatch with CCP Security Account ID, the message is processed with a warning.		
 Message is processed with a warning.		Verify

#### C Text Block -Sequence C - Tag 97A SAFE - Positive Test 3.3.5 P

*If Safekeeping Account = CCP Security Account ID associated with CSD of settlement, message is processed and target table field is populated with value of Tag*

 Precondition		
 Safekeeping Account = CCP Security Account ID associated with CSD of settlement		Verify
 Verify that if Safekeeping Account = CCP Security Account ID associated with CSD of settlement, message is processed and target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

#### C Text Block -Sequence E - Tag 22F SETR 3.3.5 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

#### C Text Block -Sequence E - Tag 22F STCO 3.3.5 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify

 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence E - Tag 22F CCPT 3.3.5 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block - Subsequence E1 - Tag 95P PSET - Negative Test 3.3.5 N

*If PSET value doesn't match with the place of settlement sent in the previous message, the message is processed with a warning.*

 Precondition		
 PSET value <> PSET value of MT540 message		Verify
 Verify that if PSET value <> PSET value of MT540 message, the message is processed with a warning.		
 Message is processed with a warning.		Verify

### C Text Block - Subsequence E1 - Tag 95P PSET - Positive Test 3.3.5 P

*If PSET value matches with the place of settlement sent in the previous message message is processed and target table field is populated with value of Tag*

 Precondition		
 PSET value = PSET value of MT540 message		Verify
 Verify that if PSET value <> PSET value of MT540 message, message is processed and target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block - Subsequence E1 - Tag 95P DEAG - Negative Test 3.3.5 N

*If DEAG value <> BIC code of the Settlement Agent,message is processed with a warning.*

 Precondition		
 DEAG value <> BIC code of the Settlement Agent		Verify
 Verify that if DEAG value <> BIC code of the Settlement Agent, the message is processed with a warning.		
 Message is processed with a warning.		Verify

### C Text Block - Subsequence E1 - Tag 95P DEAG - Positive Test 3.3.5 P

*If DEAG value = BIC code of the Settlement Agent, message is processed and target table field is populated with value of Tag*

 Verify that if DEAG value = BIC code of the Settlement Agent, message is processed and target table field is populated with value of Tag		
 DEAG value = BIC code of the Settlement Agent		Verify
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence C - Tag 36B RSTT 3.3.6 P

*In case of partial settlement it represents the quantity of financial instrument remaining to be settled*

 Precondition		
 Message received and partial settlement (Tag 22F)		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence C - Tag 319A RSTT 3.3.6 P

*In case of partial settlement it represents the amount of money remaining to be settled*

 Precondition		
 Message received and partial settlement (Tag 22F)		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence A - Tag 22F::PARS//PARC 3.3.6 P

*If this field is included in the message, the position is a partial settlement. If PARS value is PARC, no additional settlement will take place.*

 Precondition		
 Tag 22F PARS value = PARC		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence A - Tag 22F::PARS//PAIN 3.3.6 P

*If this field is included in the message, the position is a partial settlement. If PARS value is PAIN, part of the instruction remains unsettled.*

 Precondition		
 Tag 22F PARS value = PAIN		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence A - Tag 20C - SEME - Negative test 3.3.6 N

*If a duplicate reference is received during the day, the message is processed with a warning.*

 Precondition		
 Duplicate reference received		Verify
 Verify that if a duplicate reference is received during the day, the message is processed with a warning.		
 Message is processed with a warning.		Verify

### C Text Block -Sequence A - Tag 20C - SEME - Validation OK 3.3.6 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received and Validation OK		Verify
 Verify that target table field is populated with value of Tag		

 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence A - Tag 23G &lt;&gt; NEWM 3.3.6 N</b>		
<i>If this field is different from NEWM, the message is processed with a warning.</i>		
 Precondition		
 Tag 23G<> NEWM		Verify
 Verify that if this field is different from NEWM, the message is processed with a warning.		
 Message is processed with a warning.		Verify
<b>C Text Block -Sequence A - Tag 23G = NEWM 3.3.6 P</b>		
<i>Check the value=NEWM on table</i>		
 Precondition		
 Tag 23G = NEWM		Verify
 Verify that if this field is NEWM, value is charged on table		
 Value=NEWM on table		Verify
<b>C Text Block -Sequence A - Tag 98C PREP 3.3.6 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag and correct date format		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence A - Tag 22F PARS Not available 3.3.6 P</b>		
<i>If PARS field is not available, System continue processing the message successfully</i>		
 Precondition		
 Tag 22F PARS not available		Verify
 Verify that if PARS field is not available, System continue processing the message successfully		
 Message is processed		Verify
<b>C Text Block -Sequence A - Tag 22F::PARS//PAIN 3.3.6 P</b>		
<i>If this field is included in the message, the position is a partial settlement. If PARS value is PAIN, part of the instruction remains unsettled.</i>		
 Precondition		
 Tag 22F PARS value = PAIN		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence A - Tag 22F::PARS//PARC 3.3.6 P</b>		
<i>If this field is included in the message, the position is a partial settlement. If PARS value is PARC, no additional settlement will take place.</i>		
 Precondition		
 Tag 22F PARS value = PARC		Verify

 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

#### C Text Block -Sequence A1 - Tag 20C RELA - Negative test for reference not found 3.3.6 N

*Reference = SEME reference of the original 541 message which was previously sent by Clearing System. If the instruction cannot be located, the System doesn't process the message and generates a warning*

 Precondition		
 Reference to SEME of original 541 message not found		Verify
 Verify that if reference to SEME of original 541 message not found, the System doesn't process the message and generates a warning		
 System doesn't process the message and generates a warning		Verify

#### C Text Block -Sequence A1 - Tag 20C RELA - Negative test for RELA not available 3.3.6 N

*If RELA is not available, the System doesn't process the message and generates a warning.*

 Precondition		
 RELA not available on message		Verify
 Verify that if RELA is not available, the System doesn't process the message and generates a warning.		
 System doesn't process the message and generates a warning		Verify

#### C Text Block -Sequence A1 - Tag 20C RELA - Positive test 3.3.6 P

*If correct reference to SEME of original 541 message found, target table field is populated with value of Tag*

 Precondition		
 Correct reference to SEME of original 541 message		Verify
 Verify that if correct reference to SEME of original 541 message found, target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

#### C Text Block -Sequence A1 - Tag 20C MITI 3.3.6 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

#### C Text Block -Sequence B - Tag 98A SETT - Negative test 3.3.6 N

*It is compared against the Settlement date specified on the referenced settlement instruction (541). If there is a mismatch the message is processed with a warning.*

 Precondition		
 Reference to Settlement date of original 541 KO		Verify
 Verify that if there is a mismatch between dates message is processed with a warning		

 Message is processed with a warning.		Verify
<b>C Text Block -Sequence B - Tag 98A SETT not available 3.3.6 P</b>		
<i>If SETT is not available, the above validation doesn't take place</i>		
 Precondition		
 Tag 98A SETT not available		Verify
 Verify that if SETT is not available, the above validation doesn't take place.		
 Message is processed		Verify
<b>C Text Block -Sequence B - Tag 98A SETT 3.3.6 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Reference to Settlement date of original 541 OK		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence B - Tag 98A TRAD 3.3.6 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence B - Tag 98C ESETT 3.3.6 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag and correct date format		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence B - Tag 35B - warning on ISIN 3.3.6 N</b>		
<i>It is validated against the ISIN of the instrument in the System. If there is a mismatch the message is processed with a warning.</i>		
 Precondition		
 Message received with a mismatch on ISIN		Verify
 Verify that message is processed with a warning.		
 Message is processed with a warning.		Verify
<b>C Text Block -Sequence B - Tag 35B - Correct ISIN 3.3.6 P</b>		
<i>ISIN validated</i>		
 Precondition		
 Message received with correct ISIN		Verify
 Verify that target table field is populated with value of ISIN		

 Target table field is populated with value of ISIN		Verify
<b>C Text Block -Sequence C - Tag 36B ESTT - Negative Test for full settlement 3.3.6 N</b>		
<i>It is compared against the original Quantity previously sent by the Clearing System. If this value doesn't match the message is processed with a warning.</i>		
 Precondition		
 Quantity sent by Clearing System <> Quantity sent by CSD		Verify
 Verify that if Quantity sent by Clearing System <> Quantity sent by CSD, the message is processed with a warning.		
 Message is processed with a warning.		Verify
<b>C Text Block -Sequence C - Tag 36B ESTT - Positive Test for full settlement 3.3.6 P</b>		
<i>If Quantity sent by Clearing System = Quantity sent by CSD message is processed and target table field is populated with value of Tag</i>		
 Precondition		
 Quantity sent by Clearing System = Quantity sent by CSD		Verify
 Verify that if Quantity sent by Clearing System = Quantity sent by CSD message is processed and target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence C - Tag 36B ESTT - Negative Test for partial settlement 3.3.6 N</b>		
<i>In case of partial settlement, this value should be equal to the difference between the Original Quantity and the Unsettled Quantity</i>		
 Precondition		
 Quantity sent by CSD <> Difference between the Original Quantity and the Unsettled Quantity		Verify
 Verify that if Quantity sent by CSD <> Difference between the Original Quantity and the Unsettled Quantity, the message is processed with a warning.		
 Message is processed with a warning.		Verify
<b>C Text Block -Sequence C - Tag 36B ESTT - Positive Test for partial settlement 3.3.6 P</b>		
<i>If Quantity sent by CSD = Difference between the Original Quantity and the Unsettled Quantity,message is processed and target table field is populated with value of Tag</i>		
 Precondition		
 Quantity sent by CSD = Difference between the Original Quantity and the Unsettled Quantity		Verify
 Verify that if Quantity sent by CSD = Difference between the Original Quantity and the Unsettled Quantity,message is processed and target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence C - Tag 36B RSTT 3.3.6 P</b>		
<i>In case of partial settlement it represents the quantity of financial instrument remaining to be settled</i>		
 Precondition		
 Message received and partial settlement (Tag 22F)		Verify

 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence C - Tag 319A RSTT 3.3.6 P

*In case of partial settlement it represents the amount of money remaining to be settled*

 Precondition		
 Message received and partial settlement (Tag 22F)		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence C - Tag 97A SAFE - Negative Test 3.3.6 N

*It is compared against the CCP Security Account ID associated with CSD of settlement. If this value doesn't match the message is processed with a warning.*

 Precondition		
 Safekeeping Account <> CCP Security Account ID associated with CSD of settlement		Verify
 Verify that if there is a mismatch with CCP Security Account ID, the message is processed with a warning.		
 Message is processed with a warning.		Verify

### C Text Block -Sequence C - Tag 97A SAFE - Positive Test 3.3.6 P

*If Safekeeping Account = CCP Security Account ID associated with CSD of settlement, message is processed and target table field is populated with value of Tag*

 Precondition		
 Safekeeping Account = CCP Security Account ID associated with CSD of settlement		Verify
 Verify that if Safekeeping Account = CCP Security Account ID associated with CSD of settlement, message is processed and target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence C - Tag 97A CASH - Negative Test 3.3.6 N

*It is compared against the CCP Cash Account ID associated with CSD of settlement. If this value doesn't match the message is processed with a warning.*

 Precondition		
 Cash Account <> CCP Cash Account ID associated with CSD of settlement		Verify
 Verify that if there is a mismatch with CCP Cash Account ID, the message is processed with a warning.		
 Message is processed with a warning.		Verify

### C Text Block -Sequence C - Tag 97A CASH - Positive Test 3.3.6 P

*If Cash Account = CCP Cash Account ID associated with CSD of settlement, message is processed and target table field is populated with value of Tag*

 Precondition		
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 Cash Account = CCP Cash Account ID associated with CSD of settlement		Verify
 Verify that if Cash Account = CCP Cash Account ID associated with CSD of settlement, message is processed and target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

C Text Block -Sequence E - Tag 22F SETR 3.3.6 P		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

C Text Block -Sequence E - Tag 22F STCO 3.3.6 P		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

C Text Block -Sequence E - Tag 22F SSBT 3.3.6 P		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

C Text Block - Subsequence E1 - Tag 95P PSET - Negative Test 3.3.6 N		
<i>If PSET value doesn't match with the place of settlement sent in the previous message, the message is processed with a warning.</i>		
 Precondition		
 PSET value <> PSET value of MT541 message		Verify
 Verify that if PSET value <> PSET value of MT541 message, the message is processed with a warning.		
 Message is processed with a warning.		Verify

C Text Block - Subsequence E1 - Tag 95P PSET - Positive Test 3.3.6 P		
<i>If PSET value matches with the place of settlement sent in the previous message message is processed and target table field is populated with value of Tag</i>		
 Precondition		
 PSET value = PSET value of MT541 message		Verify
 Verify that if PSET value <> PSET value of MT541 message, message is processed and target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

C Text Block - Subsequence E1 - Tag 95P DEAG - Negative Test 3.3.6 N		
<i>If DEAG value &lt;&gt; BIC code of the Settlement Agent, message is processed with a warning.</i>		
Precondition		
DEAG value <> BIC code of the Settlement Agent		Verify
Verify that if DEAG value <> BIC code of the Settlement Agent, the message is processed with a warning.		
Message is processed with a warning.		Verify
C Text Block - Subsequence E1 - Tag 95P DEAG - Positive Test 3.3.6 P		
<i>If DEAG value = BIC code of the Settlement Agent, message is processed and target table field is populated with value of Tag</i>		
Precondition		
DEAG value = BIC code of the Settlement Agent		Verify
Verify that if DEAG value = BIC code of the Settlement Agent, message is processed and target table field is populated with value of Tag		
Target table field is populated with value of Tag		Verify
C Text Block -Subsequence E1- Tag 19A ESTT - Positive Test for full settlement 3.3.6 P		
<i>If Amount sent by Clearing System = Amount sent by CSD, message is processed and target table field is populated with value of Tag</i>		
Precondition		
Amount = Original Amount previously sent (MT541) by the Clearing System		Verify
Verify that if Amount= Original Amount previously sent (MT541) by the Clearing System, message is processed and target table field is populated with value of Tag		
Target table field is populated with value of Tag concatenated with sign and currency Example: 19A::SETT//EUR3230,17		Verify
C Text Block -Subsequence E1- Tag 19A ESTT - Negative Test for full settlement 3.3.6 P		
<i>If Amount sent by Clearing System &lt;&gt; Amount sent by CSD, message is processed with a warning</i>		
Precondition		
Amount <> Original Amount previously sent (MT541) by the Clearing System		Verify
Verify that if Amount sent by Clearing System <> Amount sent by CSD message, message is processed with a warning		
Message is processed with a warning.		Verify
C Text Block -Subsequence E1- Tag 19A ESTT - Positive Test for partial settlement 3.3.6 P		
<i>If Amount = Difference between the Original Amount and the Unsettled Amount, message is processed and target table field is populated with value of Tag</i>		
Precondition		
Amount = Difference between the Original Amount and the Unsettled Amount		Verify

 Verify that if Amount = Difference between the Original Amount and the Unsettled Amount, message is processed and target table field is populated with value of Tag		
 Target table field is populated with value of Tag concatenated with sign and currency Example: 19A::SETT//EUR3230,17		Verify

C Text Block -Subsequence E1- Tag 19A ESTT - Negative Test for partial settlement 3.3.6 P		
<i>If Amount &lt;&gt; Difference between the Original Amount and the Unsettled Amount, message is processed with a warning</i>		
 Precondition		
 Amount <> Difference between the Original Amount and the Unsettled Amount		Verify
 Verify that if Amount <> Difference between the Original Amount and the Unsettled Amount, message is processed with a warning		
 Message is processed with a warning.		Verify

C Text Block -Sequence A - Tag 20C - SEME - Negative test 3.3.7 N		
<i>If a duplicate reference is received during the day, the message is processed with a warning.</i>		
 Precondition		
 Duplicate reference received		Verify
 Verify that if a duplicate reference is received during the day, the message is processed with a warning.		
 Message is processed with a warning.		Verify

C Text Block -Sequence A - Tag 20C - SEME - Validation OK 3.3.7 P		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received and Validation OK		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

C Text Block -Sequence A - Tag 23G <> NEWM 3.3.7 N		
<i>If this field is different from NEWM, the message is processed with a warning.</i>		
 Precondition		
 Tag 23G <> NEWM		Verify
 Verify that if this field is different from NEWM, the message is processed with a warning.		
 Message is processed with a warning.		Verify

C Text Block -Sequence A - Tag 23G = NEWM 3.3.7 P		
<i>Check the value=NEWM on table</i>		
 Precondition		
 Tag 23G = NEWM		Verify
 Verify that if this field is NEWM, value is charged on table		

 Value=NEWM on table		Verify
<b>C Text Block -Sequence A - Tag 98C PREP 3.3.7 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag and correct date format		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence A1 - Tag 20C RELA - Negative test for reference not found 3.3.7 N</b>		
<i>Reference = SEME reference of the original 542 message which was previously sent by Clearing System. If the instruction cannot be located, the System doesn't process the message and generates a warning</i>		
 Precondition		
 Reference to SEME of original 542 message not found		Verify
 Verify that if reference to SEME of original 542 message not found, the System doesn't process the message and generates a warning		
 System doesn't process the message and generates a warning		Verify
<b>C Text Block -Sequence A1 - Tag 20C RELA - Negative test for RELA not available 3.3.7 N</b>		
<i>If RELA is not available, the System doesn't process the message and generates a warning.</i>		
 Precondition		
 RELA not available on message		Verify
 Verify that if RELA is not available, the System doesn't process the message and generates a warning.		
 System doesn't process the message and generates a warning		Verify
<b>C Text Block -Sequence A1 - Tag 20C RELA - Positive test 3.3.7 P</b>		
<i>If correct reference to SEME of original 542 message found, target table field is populated with value of Tag</i>		
 Precondition		
 Correct reference to SEME of original 542 message		Verify
 Verify that if correct reference to SEME of original 542 message found, target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence A1 - Tag 20C MITI 3.3.7 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Text Block -Sequence B - Tag 98A SETT - Negative test 3.3.7 N</b>		
<i>It is compared against the Settlement date specified on the referenced settlement instruction (542). If there is a mismatch the message is processed with a warning.</i>		
 Precondition		
 Reference to Settlement date of original 542 KO		Verify
 Verify that if there is a mismatch between dates message is processed with a warning		
 Message is processed with a warning.		Verify
<b>C Text Block -Sequence B - Tag 98A SETT not available 3.3.7 P</b>		
<i>If SETT is not available, the above validation doesn't take place</i>		
 Precondition		
 Tag 98A SETT not available		Verify
 Verify that if SETT is not available, the above validation doesn't take place.		
 Message is processed		Verify
<b>C Text Block -Sequence B - Tag 98A SETT 3.3.7 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Reference to Settlement date of original 542 OK		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence B - Tag 98A TRAD 3.3.7 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence B - Tag 98C ESETT 3.3.7 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag and correct date format		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence B - Tag 35B - warning on ISIN 3.3.7 N</b>		
<i>It is validated against the ISIN of the instrument in the System. If there is a mismatch the message is processed with a warning.</i>		
 Precondition		
 Message received with a mismatch on ISIN		Verify
 Verify that message is processed with a warning.		

 Message is processed with a warning.		Verify
<b>C Text Block -Sequence B - Tag 35B - Correct ISIN 3.3.7 P</b>		
<i>ISIN validated</i>		
 Precondition		
 Message received with correct ISIN		Verify
 Verify that target table field is populated with value of ISIN		
 Target table field is populated with value of ISIN		Verify
<b>C Text Block -Sequence C - Tag 36B ESTT - Negative Test 3.3.7 N</b>		
<i>It is compared against the original Quantity previously sent by the Clearing System. If this value doesn't match the message is processed with a warning.</i>		
 Precondition		
 Quantity sent by Clearing System <> Quantity sent by CSD		Verify
 Verify that if Quantity sent by Clearing System <> Quantity sent by CSD, the message is processed with a warning.		
 Message is processed with a warning.		Verify
<b>C Text Block -Sequence C - Tag 36B ESTT - Positive Test 3.3.7 P</b>		
<i>If Quantity sent by Clearing System = Quantity sent by CSD message is processed and target table field is populated with value of Tag</i>		
 Precondition		
 Quantity sent by Clearing System = Quantity sent by CSD		Verify
 Verify that if Quantity sent by Clearing System = Quantity sent by CSD message is processed and target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence C - Tag 97A SAFE - Negative Test 3.3.7 N</b>		
<i>It is compared against the CCP Security Account ID associated with CSD of settlement. If this value doesn't match the message is processed with a warning.</i>		
 Precondition		
 Safekeeping Account <> CCP Security Account ID associated with CSD of settlement		Verify
 Verify that if there is a mismatch with CCP Security Account ID, the message is processed with a warning.		
 Message is processed with a warning.		Verify
<b>C Text Block -Sequence C - Tag 97A SAFE - Positive Test 3.3.7 P</b>		
<i>If Safekeeping Account = CCP Security Account ID associated with CSD of settlement, message is processed and target table field is populated with value of Tag</i>		
 Precondition		
 Safekeeping Account = CCP Security Account ID associated with CSD of settlement		Verify

 Verify that if Safekeeping Account = CCP Security Account ID associated with CSD of settlement, message is processed and target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

#### Text Block -Sequence E - Tag 22F SETR 3.3.7 P

<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

#### Text Block -Sequence E - Tag 22F STCO 3.3.7 P

<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

#### Text Block - Subsequence E1 - Tag 95P PSET - Negative Test 3.3.7 N

<i>If PSET value doesn't match with the place of settlement sent in the previous message, the message is processed with a warning.</i>		
 Precondition		
 PSET value <> PSET value of MT542 message		Verify
 Verify that if PSET value <> PSET value of MT542 message, the message is processed with a warning.		
 Message is processed with a warning.		Verify

#### Text Block - Subsequence E1 - Tag 95P PSET - Positive Test 3.3.7 P

<i>If PSET value matches with the place of settlement sent in the previous message message is processed and target table field is populated with value of Tag</i>		
 Precondition		
 PSET value = PSET value of MT542 message		Verify
 Verify that if PSET value <> PSET value of MT542 message, message is processed and target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

#### Text Block - Subsequence E1 - Tag 95P REAG - Negative Test 3.3.7 N

<i>If REAG value &lt;&gt; BIC code of the Settlement Agent,message is processed with a warning.</i>		
 Precondition		
 REAG value <> BIC code of the Settlement Agent		Verify
 Verify that if REAG value <> BIC code of the Settlement Agent, the message is processed with a warning.		
 Message is processed with a warning.		Verify

<b>C Text Block - Subsequence E1 - Tag 95P REAG - Positive Test 3.3.7 P</b>		
<i>If REAG value = BIC code of the Settlement Agent, message is processed and target table field is populated with value of Tag</i>		
 Precondition		
 REAG value = BIC code of the Settlement Agent		Verify
 Verify that if REAG value = BIC code of the Settlement Agent, message is processed and target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence C - Tag 36B RSTT 3.3.6 P</b>		
<i>In case of partial settlement it represents the quantity of financial instrument remaining to be settled</i>		
 Precondition		
 Message received and partial settlement (Tag 22F)		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence C - Tag 319A RSTT 3.3.6 P</b>		
<i>In case of partial settlement it represents the amount of money remaining to be settled</i>		
 Precondition		
 Message received and partial settlement (Tag 22F)		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence A - Tag 22F::PARS//PARC 3.3.6 P</b>		
<i>If this field is included in the message, the position is a partial settlement. If PARS value is PARC, no additional settlement will take place.</i>		
 Precondition		
 Tag 22F PARS value = PARC		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence A - Tag 22F::PARS//PAIN 3.3.6 P</b>		
<i>If this field is included in the message, the position is a partial settlement. If PARS value is PAIN, part of the instruction remains unsettled.</i>		
 Precondition		
 Tag 22F PARS value = PAIN		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence A - Tag 20C - SEME - Negative test 3.3.8 N</b>		
<i>If a duplicate reference is received during the day, the message is processed with a warning.</i>		
 Precondition		
 Duplicate reference received		Verify

 Verify that if a duplicate reference is received during the day, the message is processed with a warning.		
 Message is processed with a warning.		Verify

### C Text Block -Sequence A - Tag 20C - SEME - Validation OK 3.3.8 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received and Validation OK		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence A - Tag 23G <> NEWM 3.3.8 N

*If this field is different from NEWM, the message is processed with a warning.*

 Precondition		
 Tag 23G<> NEWM		Verify
 Verify that if this field is different from NEWM, the message is processed with a warning.		
 Message is processed with a warning.		Verify

### C Text Block -Sequence A - Tag 23G = NEWM 3.3.8 P

*Check the value=NEWM on table*

 Precondition		
 Tag 23G=NEWM		Verify
 Verify that if this field is NEWM, value is charged on table		
 Value=NEWM on table		Verify

### C Text Block -Sequence A - Tag 98C PREP 3.3.8 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag and correct date format		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence A - Tag 22F PARS Not available 3.3.8 P

*If PARS field is not available, System continue processing the message successfully*

 Precondition		
 Tag 22F PARS not available		Verify
 Verify that if PARS field is not available, System continue processing the message successfully		
 Message is processed		Verify

### C Text Block -Sequence A - Tag 22F::PARS//PAIN 3.3.8 P

*If this field is included in the message, the position is a partial settlement. If PARS value is PAIN, part of the instruction remains unsettled.*

 Precondition		
 Tag 22F PARS value = PAIN		Verify

 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

#### C Text Block -Sequence A - Tag 22F::PARS//PARC 3.3.8 P

*If this field is included in the message, the position is a partial settlement. If PARS value is PARC, no additional settlement will take place.*

 Precondition		
 Tag 22F PARS value = PARC		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

#### C Text Block -Sequence A1 - Tag 20C RELA - Negative test for reference not found 3.3.8 N

*Reference = SEME reference of the original 543 message which was previously sent by Clearing System. If the instruction cannot be located, the System doesn't process the message and generates a warning*

 Precondition		
 Reference to SEME of original 543 message not found		Verify
 Verify that if reference to SEME of original 543 message not found, the System doesn't process the message and generates a warning		
 System doesn't process the message and generates a warning		Verify

#### C Text Block -Sequence A1 - Tag 20C RELA - Negative test for RELA not available 3.3.8 N

*If RELA is not available, the System doesn't process the message and generates a warning.*

 Precondition		
 RELA not available on message		Verify
 Verify that if RELA is not available, the System doesn't process the message and generates a warning.		
 System doesn't process the message and generates a warning		Verify

#### C Text Block -Sequence A1 - Tag 20C RELA - Positive test 3.3.8 P

*If correct reference to SEME of original 543 message found, target table field is populated with value of Tag*

 Precondition		
 Correct reference to SEME of original 543 message		Verify
 Verify that if correct reference to SEME of original 543 message found, target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

#### C Text Block -Sequence A1 - Tag 20C MITI 3.3.8 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		

 Target table field is populated with value of Tag		Verify
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#### Text Block -Sequence B - Tag 98A SETT - Negative test 3.3.8 N

*It is compared against the Settlement date specified on the referenced settlement instruction (543). If there is a mismatch the message is processed with a warning.*

 Precondition		
 Reference to Settlement date of original 543 KO		Verify
 Verify that if there is a mismatch between dates message is processed with a warning		
 Message is processed with a warning.		Verify

#### Text Block -Sequence B - Tag 98A SETT not available 3.3.8 P

*If SETT is not available, the above validation doesn't take place*

 Precondition		
 Tag 98A SETT not available		Verify
 Verify that if SETT is not available, the above validation doesn't take place.		
 Message is processed		Verify

#### Text Block -Sequence B - Tag 98A SETT 3.3.8 P

*Target table field is populated with value of Tag*

 Precondition		
 Reference to Settlement date of original 543 OK		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

#### Text Block -Sequence B - Tag 98A TRAD 3.3.8 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

#### Text Block -Sequence B - Tag 98C ESETT 3.3.8 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag and correct date format		
 Target table field is populated with value of Tag		Verify

#### Text Block -Sequence B - Tag 35B - warning on ISIN 3.3.8 N

*It is validated against the ISIN of the instrument in the System.*

*If there is a mismatch the message is processed with a warning.*

 Precondition		
 Message received with a mismatch on ISIN		Verify

 Verify that message is processed with a warning.		
 Message is processed with a warning.		Verify

C Text Block -Sequence B - Tag 35B - Correct ISIN 3.3.8 P		
<i>ISIN validated</i>		
 Precondition		
 Message received with correct ISIN		Verify
 Verify that target table field is populated with value of ISIN		
 Target table field is populated with value of ISIN		Verify

C Text Block -Sequence C - Tag 36B ESTT - Negative Test for full settlement 3.3.8 N		
<i>It is compared against the original Quantity previously sent by the Clearing System. If this value doesn't match the message is processed with a warning.</i>		
 Precondition		
 Quantity sent by Clearing System <> Quantity sent by CSD		Verify
 Verify that if Quantity sent by Clearing System <> Quantity sent by CSD, the message is processed with a warning.		
 Message is processed with a warning.		Verify

C Text Block -Sequence C - Tag 36B ESTT - Positive Test for full settlement 3.3.8 P		
<i>If Quantity sent by Clearing System = Quantity sent by CSD message is processed and target table field is populated with value of Tag</i>		
 Precondition		
 Quantity sent by Clearing System = Quantity sent by CSD		Verify
 Verify that if Quantity sent by Clearing System = Quantity sent by CSD message is processed and target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

C Text Block -Sequence C - Tag 36B ESTT - Negative Test for partial settlement 3.3.8 N		
<i>In case of partial settlement, this value should be equal to the difference between the Original Quantity and the Unsettled Quantity</i>		
 Precondition		
 Quantity sent by CSD <> Difference between the Original Quantity and the Unsettled Quantity		Verify
 Verify that if Quantity sent by CSD <> Difference between the Original Quantity and the Unsettled Quantity, the message is processed with a warning.		
 Message is processed with a warning.		Verify

C Text Block -Sequence C - Tag 36B ESTT - Positive Test for partial settlement 3.3.8 P		
<i>If Quantity sent by CSD = Difference between the Original Quantity and the Unsettled Quantity, message is processed and target table field is populated with value of Tag</i>		
 Precondition		
 Quantity sent by CSD = Difference between the Original Quantity and the Unsettled Quantity		Verify

 Verify that if Quantity sent by CSD = Difference between the Original Quantity and the Unsettled Quantity,message is processed and target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Text Block -Sequence C - Tag 36B RSTT 3.3.8 P

*In case of partial settlement it represents the quantity of financial instrument remaining to be settled*

 Precondition		
 Message received and partial settlement (Tag 22F)		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Text Block -Sequence C - Tag 19A RSTT 3.3.8 P

*In case of partial settlement it represents the amount of money remaining to be settled*

 Precondition		
 Message received and partial settlement (Tag 22F)		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Text Block -Sequence C - Tag 97A SAFE - Negative Test 3.3.8 N

*It is compared against the CCP Security Account ID associated with CSD of settlement. If this value doesn't match the message is processed with a warning.*

 Precondition		
 Safekeeping Account <> CCP Security Account ID associated with CSD of settlement		Verify
 Verify that if there is a mismatch with CCP Security Account ID, the message is processed with a warning.		
 Message is processed with a warning.		Verify

### Text Block -Sequence C - Tag 97A SAFE - Positive Test 3.3.8 P

*If Safekeeping Account = CCP Security Account ID associated with CSD of settlement, message is processed and target table field is populated with value of Tag*

 Precondition		
 Safekeeping Account = CCP Security Account ID associated with CSD of settlement		Verify
 Verify that if Safekeeping Account = CCP Security Account ID associated with CSD of settlement, message is processed and target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Text Block -Sequence C - Tag 97A CASH - Negative Test 3.3.8 N

*It is compared against the CCP Cash Account ID associated with CSD of settlement. If this value doesn't match the message is processed with a warning.*

 Precondition		
 Cash Account <> CCP Cash Account ID associated with CSD of settlement		Verify

 Verify that if there is a mismatch with CCP Cash Account ID, the message is processed with a warning.		
 Message is processed with a warning.		Verify

#### Text Block -Sequence C - Tag 97A CASH - Positive Test 3.3.8 P

*If Cash Account = CCP Cash Account ID associated with CSD of settlement, message is processed and target table field is populated with value of Tag*

 Precondition		
 Cash Account = CCP Cash Account ID associated with CSD of settlement		Verify
 Verify that if Cash Account = CCP Cash Account ID associated with CSD of settlement, message is processed and target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

#### Text Block -Sequence E - Tag 22F SETR 3.3.8 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

#### Text Block -Sequence E - Tag 22F STCO 3.3.8 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

#### Text Block - Subsequence E1 - Tag 95P PSET - Negative Test 3.3.8 N

*If PSET value doesn't match with the place of settlement sent in the previous message, the message is processed with a warning.*

 Precondition		
 PSET value <> PSET value of MT543 message		Verify
 Verify that if PSET value <> PSET value of MT543 message, the message is processed with a warning.		
 Message is processed with a warning.		Verify

#### Text Block - Subsequence E1 - Tag 95P PSET - Positive Test 3.3.8 P

*If PSET value matches with the place of settlement sent in the previous message message is processed and target table field is populated with value of Tag*

 Precondition		
 PSET value = PSET value of MT543 message		Verify
 Verify that if PSET value <> PSET value of MT543 message, message is processed and target table field is populated with value of Tag		

 Target table field is populated with value of Tag		Verify
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#### Text Block - Subsequence E1 - Tag 95P REAG - Negative Test 3.3.8 N

*If REAG value <> BIC code of the Settlement Agent, message is processed with a warning.*

 Precondition		
 REAG value <> BIC code of the Settlement Agent		Verify
 Verify that if REAG value <> BIC code of the Settlement Agent, the message is processed with a warning.		
 Message is processed with a warning.		Verify

#### Text Block - Subsequence E1 - Tag 95P REAG - Positive Test 3.3.8 P

*If REAG value = BIC code of the Settlement Agent, message is processed and target table field is populated with value of Tag*

 Precondition		
 REAG value = BIC code of the Settlement Agent		Verify
 Verify that if REAG value = BIC code of the Settlement Agent, message is processed and target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

#### Text Block -Subsequence E1- Tag 19A ESTT - Positive Test for full settlement 3.3.8 P

*If Amount sent by Clearing System = Amount sent by CSD, message is processed and target table field is populated with value of Tag*

 Precondition		
 Amount = Original Amount previously sent (MT543) by the Clearing System		Verify
 Verify that if Amount= Original Amount previously sent (MT543) by the Clearing System, message is processed and target table field is populated with value of Tag		
 Target table field is populated with value of Tag concatenated with sign and currency Example: 19A::SETT//EUR3230,17		Verify

#### Text Block -Subsequence E1- Tag 19A ESTT - Negative Test for full settlement 3.3.8 P

*If Amount sent by Clearing System <> Amount sent by CSD, message is processed with a warning*

 Precondition		
 Amount <> Original Amount previously sent (MT543) by the Clearing System		Verify
 Verify that if Amount sent by Clearing System <> Amount sent by CSD message, message is processed with a warning		
 Message is processed with a warning.		Verify

#### Text Block -Subsequence E1- Tag 19A ESTT - Positive Test for partial settlement 3.3.8 P

*If Amount = Difference between the Original Amount and the Unsettled Amount, message is processed and target table field is populated with value of Tag*

 Precondition		
 Amount = Difference between the Original Amount and the Unsettled Amount		Verify

 Verify that if Amount = Difference between the Original Amount and the Unsettled Amount, message is processed and target table field is populated with value of Tag		
 Target table field is populated with value of Tag concatenated with sign and currency Example: 19A::SETT//EUR3230,17		Verify
<b>C Text Block -Subsequence E1- Tag 19A ESTT - Negative Test for partial settlement 3.3.8 P</b>		
<i>If Amount &lt;&gt; Difference between the Original Amount and the Unsettled Amount, message is processed with a warning</i>		
 Precondition		
 Amount <> Difference between the Original Amount and the Unsettled Amount		Verify
 Verify that if Amount <> Difference between the Original Amount and the Unsettled Amount, message is processed with a warning		
 Message is processed with a warning.		Verify
<b>C Text Block -Sequence A - Tag 20C - SEME - Negative test 3.3.9 N</b>		
<i>If a duplicate reference is received during the day, the message is processed with a warning.</i>		
 Precondition		
 Duplicate reference received		Verify
 Verify that if a duplicate reference is received during the day, the message is processed with a warning.		
 Message is processed with a warning.		Verify
<b>C Text Block -Sequence A - Tag 20C - SEME - Validation OK 3.3.9 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received and Validation OK		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block - Sequence A - Tag 23G INST/CAST 3.3.9 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block - Sequence A - Tag 98C PREP 3.3.9 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		

 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence A1 - Tag 20C RELA - Negative test for reference not found 3.3.9 N</b>		
<i>Reference = SEME reference of the original message which was previously sent by Clearing System. If the instruction cannot be located, the System doesn't process the message and generates a warning</i>		
 Precondition		
 Reference to SEME of original message not found		Verify
 Verify that if reference to SEME of original message not found, the System doesn't process the message and generates a warning		
 System doesn't process the message and generates a warning		Verify
<b>C Text Block -Sequence A1 - Tag 20C RELA - Negative test for RELA not available 3.3.9 N</b>		
<i>If RELA is not available, the System doesn't process the message and generates a warning.</i>		
 Precondition		
 RELA not available on message		Verify
 Verify that if RELA is not available, the System doesn't process the message and generates a warning.		
 System doesn't process the message and generates a warning		Verify
<b>C Text Block -Sequence A1 - Tag 20C RELA - Positive test 3.3.9 P</b>		
<i>If correct reference to SEME of original message found, target table field is populated with value of Tag</i>		
 Precondition		
 Correct reference to SEME of original message		Verify
 Verify that if correct reference to SEME of original message found, target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block - Sequence A1 - Tag 20C MITI 3.3.9 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block - Sequence A2 - Tag 25D SETT= PEND 3.3.9 P</b>		
<i>If settlement status is pending target table field is populated with value of Tag PEND</i>		
 Precondition		
 Message received with settlement status pending		Verify
 Verify that if settlement status is pending target table field is populated with value of Tag PEND		
 Target table field is populated with value of Tag PEND		Verify

<b>C Text Block - Sequence A2 - Tag 25D SETT= CAND 3.3.9 P</b>		
<i>If settlement status is canceled target table field is populated with value of Tag CAND</i>		
Precondition		
Message received with settlement status canceled		Verify
Verify that if settlement status is canceled target table field is populated with value of Tag CAND		
Target table field is populated with value of Tag CAND		Verify
<b>C Text Block - Sequence A2 - Tag 25D Incorrect - Negative Test 3.3.9 P</b>		
<i>If the value of this field is not included in the above list, the message is processed with a warning</i>		
Precondition		
Message received with settlement status Incorrect		Verify
Verify that if the value of this field is not included in the above list, the message is processed with a warning		
Message is processed with a warning		Verify
<b>C Text Block - Sequence A2 - Tag 24B 3.3.9 P</b>		
<i>It is the reason code for the last change in status</i>		
Precondition		
Message received		Verify
Verify that target table field is populated with value of Tag		
Target table field is populated with value of Tag. Example: :24B::PEND//CLAC		Verify
<b>C Text Block - Sequence A2 - Tag 70D REAS 3.3.9 P</b>		
<i>It is the reason narrative for the last change in status</i>		
Precondition		
Message received		Verify
Verify that target table field is populated with value of Tag		
Target table field is populated with value of Tag. Example: 70D::REAS//SXAA015 Failure of the settlement		Verify
<b>C Text Block - Sequence B - Tag 35B ISIN 3.3.9 P</b>		
<i>Target table field is populated with value of Tag</i>		
Precondition		
Message received		Verify
Verify that target table field is populated with value of Tag		
Target table field is populated with value of Tag		Verify
<b>C Text Block - Sequence B - Tag 36B SETT 3.3.9 P</b>		
<i>Target table field is populated with value of Tag</i>		
Precondition		

 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block - Sequence B - Tag 19A SETT 3.3.9 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block - Sequence B - Tag 97A SAFE 3.3.9 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block - Sequence B - Tag 22F SETR 3.3.9 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block - Sequence B - Tag 22F STCO 3.3.9 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block - Sequence B - Tag 22H REDE 3.3.9 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block - Sequence B - Tag 22H PAYM 3.3.9 P

*Target table field is populated with value of Tag*

 Precondition		
---	--	--

 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block - Sequence B - Tag 98A SETT 3.3.9 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block - Sequence B - Tag 98A TRAD 3.3.9 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block - Subsequence B1 - Tag 95P PSET 3.3.9 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block - Subsequence B1 - Tag 95P DEAG/REAG 3.3.9 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Message MT900 sent after a MT202 3.3.2 P

*The MT900 message is used to notify the account owner of a debit originated by a MT202 message*

 Precondition		
 MT202 sent from Clearing to OeNB		Verify
 Verify that after a MT202 message a MT900 message is received		
 MT900 message is received		Verify

### C Tag 20 - Transaction reference number 3.3.2 P

*This field specifies the reference assigned by the Sender to unambiguously identify the message.*

 Precondition		
---	--	--

 MT900 received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Tag 21 - Related reference 3.3.2 P

*This field contains a reference to the related transaction*

 Precondition		
 MT900 received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Tag 25 - Account Identification 3.3.2 P

*This field identifies the account which has been debited and optionally the identifier code of the account owner*

 Precondition		
 MT900 received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Tag 32A - Value Date, Currency Code, Amount 3.3.2 P

*This field specifies the value date, currency code and amount of the debit*

 Precondition		
 MT900 received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Tag 52A - Ordering Institution 3.3.2 P

*This field identifies the institution which instructed the Sender to execute the transaction resulting in this debit, when other than the Receiver. It is populated with the CCP's BIC code.*

 Precondition		
 MT900 received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Tag 72 - Sender to Receiver information 3.3.2 P

*This field identifies the institution which instructed the Sender to execute the transaction resulting in this debit, when other than the Receiver. It is populated with the CCP's BIC code.*

 Precondition		
 MT900 received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Message MT910 sent after a MT202 3.3.3 P

*The MT910 message is used to notify the account owner of a credit originated by a MT202 message*

 Precondition		
 MT202 sent from Clearing to OeNB		Verify
 Verify that after a MT202 message a MT910 message is received		
 MT910 message is received		Verify

### Tag 20 - Transaction reference number 3.3.3 P

*This field specifies the reference assigned by the Sender to unambiguously identify the message.*

 Precondition		
 MT910 received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Tag 21 - Related reference 3.3.3 P

*This field contains a reference to the related transaction*

 Precondition		
 MT910 received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Tag 25 - Account Identification 3.3.3 P

*This field identifies the account which has been credited and optionally the identifier code of the account owner*

 Precondition		
 MT910 received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Tag 32A - Value Date, Currency Code, Amount 3.3.3 P

*This field specifies the value date, currency code and amount of the credit*

 Precondition		
 MT910 received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Tag 52A - Ordering Institution 3.3.3 P

*This field identifies the institution which instructed the Sender to execute the transaction resulting in this credit, when other than the Receiver. It is populated with the CCP's BIC code.*

 Precondition		
 MT910 received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Tag 72 - Sender to Receiver information 3.3.3 P

*This field identifies the institution which instructed the Sender to execute the transaction resulting in this credit, when other than the Receiver. It is populated with the CCP's BIC code.*

 Precondition		
 MT910 received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Text Block -Sequence A - tag 95A - Party A - New or additional Collateral Call 3.3.4 P

*For a claim of new or additional Collateral Party A is always the CCP's BIC*

 Precondition		
 SWIFT message from the Clearing System - Claim for a new or additional account		Verify
 Verify that for a claim of new or additional collateral Party A is always the CCP's BIC		
 Party A is the CCP's BIC		Verify

### Text Block -Sequence A - tag 95A - Party A - Return Call 3.3.4 P

*For a claim of Return Call Party A is always the Clearing Member*

 Precondition		
 SWIFT message from the Clearing System - Return Call		Verify
 Verify that for a Return Call Party A is always the Clearing Member		
 Party A is the Clearing Member		Verify

### Text Block -Sequence A - tag 95A - Party B - New or additional Collateral Call 3.3.4 P

*For a claim of new or additional Collateral Party B is always the Clearing Member*

 Precondition		
 SWIFT message from the Clearing System - Claim for a new or additional account		Verify
 Verify that for a claim of new or additional collateral Party B is always the Clearing Member		
 Party B is the Clearing Member		Verify

### Text Block -Sequence A - tag 95A - Party B - Return Call 3.3.4 P

*For a Return Call Party B is always the CCP's BIC*

 Precondition		
 SWIFT message from the Clearing System - Return Call		Verify
 Verify that for a Return Call Party B is always the CCP's BIC		
 Party A is the CCP's BIC		Verify

### Text Block -Sequence A - tag 70C - Informational Reporting 3.3.4 P

*If message is for Informational Reporting, the Collateral Account is omitted and only one MarginAccount will be reported following the MARG qualifier*

 Precondition		
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 SWIFT message from the Clearing System - Informational Reporting		Verify
 Verify that if message is for Informational Reporting, the Collateral Account is omitted and only one Margin Account will be reported following the MARG qualifier		
 Example tag 70C:: MARG MA-2345-1/MA-5345-1		Verify

C Text Block -Sequence A - tag 70C - Margin Call 3.3.4 P		
<i>If message is for Margin Call: Line 1 Is used to identify the Clearing Member's Collateral Account at the CCP Line 2-4 is used to report a „/? delimited list of the Margin Accounts</i>		
 Precondition		
 SWIFT message from the Clearing System - Margin Call		Verify
 Verify that: - Line 1 is used to identify the Clearing Member's CollateralAccount at the CCP - Line 2-4 is used to report a „/? delimited list of the Margin Accounts		
 Example tag 70C::PACO//COLR/CO-2345-1 MARG MA-2345-1/MA-5345-1		Verify

C Text Block -Sequence B - tag 19B COVA-Margin Call or Warning 3.3.4 P		
<i>For a Margin Call or Warning - Currency Code is currency of the margin call - Amount is the applicable collateral amount in the margin call.</i>		
 Precondition		
 SWIFT message from the Clearing System - Margin Call or Warning		Verify
 Verify that: - Currency Code is currency of the margin call - Amount is the applicable collateral amount in the margin call.		
 Example tag 19B::COVA/EUR1917937,72		Verify

C Text Block -Sequence B - tag 19B COVA-Informational Reporting 3.3.4 P		
<i>For an Informational Reporting - Currency Code is as same as the currency of the margin. - Amount is populated as zero.</i>		
 Precondition		
 SWIFT message from the Clearing System - Informational Reporting		Verify
 Verify that: - Currency Code is as same as the currency of the margin. - Amount is populated as zero.		
 Example tag 19B::COVA/EURO		Verify

C Text Block -Sequence B - tag 19B - CCAL 3.3.4 P		
<i>For a claim of new or additional collateral amount is the amount of new or additional cash claimed by the CCP</i>		

 Precondition		
 SWIFT message from the Clearing System - Claim of new or additional collateral		Verify
 Verify that for a claim of new or additional collateral amount is the amount of new or additional cash claimed by the CCP		
 Example tag 19B::CCAL//EUR556581,14		Verify

### Text Block -Sequence B - tag 19B - CRET 3.3.4 P

*For a Return of Collateral amount is the amount of cash excess available*

 Precondition		
 SWIFT message from the Clearing System - Return of Collateral		Verify
 Verify that for a Return of Collateral amount is the amount of cash excess available		
 Example tag 19B::CRET//EUR556581,14		Verify

### Text Block -Sequence B1 - optional field 98C VALC 3.3.4 P

*This tag will not be populated*

 Precondition		
 SWIFT message from the Clearing System - Informational Margin		Verify
 Check that optional value is not populated		
 Optional value is not populated		Verify

### Text Block -Sequence B1 - optional field 98C VALC populated 3.3.4 P

*This tag will be populated*

 Precondition		
 SWIFT message from the Clearing System - Margin Call		Verify
 Check that for a Margin Call optional value is populated		
 Date/time at which the collateral was valued Example: 98C::VALC//20160831085507		Verify

### Tag 20C::SEME - Population of target table 3.3.4 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Tag 20C::SCTR - Population of target table 3.3.4 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Tag 70C::AGRE - Population of target table 3.3.4 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 98C::PREP - Population of target table 3.3.4 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22H::COAL - Population of target table 3.3.4 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22H::COLA - Population of target table 3.3.4 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22H::PTYA - Population of target table 3.3.4 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22H::PTYB - Population of target table 3.3.4 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

 Tag 70C::PACO - Population of target table 3.3.4 P	<i>Target table field is populated with value of Tag</i>	
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		
 Tag 95P::EXPP - Population of target table 3.3.4 P	<i>Target table field is populated with value of Tag</i>	
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		
 Tag 19B::COVA - Population of target table 3.3.4 P	<i>Target table field is populated with value of Tag</i>	
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		
 Tag 19B::TEXA - Population of target table 3.3.4 P	<i>Target table field is populated with value of Tag</i>	
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		
 Tag 19B::CCAL/CRET - Population of target table 3.3.4 P	<i>Target table field is populated with value of Tag</i>	
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		
 Tag 98C::VALE - Population of target table 3.3.4 P	<i>Target table field is populated with value of Tag</i>	
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		

<b>C Tag 98C::VALC - Population of target table 3.3.4 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 95P::MEOR - Population of target table 3.3.4 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence A - tag 28E:ONLY 3.3.5 P</b>		
<i>Field 28E:ONLY indicates that the message is the only last page of the statement.</i>		
 Precondition		
 SWIFT message is the only page of a statement		Verify
 Verify that if the page of a statement Tag 28E:ONLY		
 Tag 28E:ONLY		Verify
<b>C Text Block -Sequence D - tag 22H::COLL//CCOL 3.3.5 P</b>		
<i>Field 22H::COLL//CCOL indicates that type of Collateral is Cash</i>		
 Precondition		
 SWIFT message with Collateral Type Cash		Verify
 Verify that if type of Collateral is Cash Tag 22H::COLL//CCOL		
 Tag 22H::COLL//CCOL		Verify
<b>C Text Block -Sequence D - tag 22H::COLL//SCOL 3.3.5 P</b>		
<i>Field 22H::COLL//SCOL indicates that type of Collateral is Securities</i>		
 Precondition		
 SWIFT message with Collateral Type Securities		Verify
 Verify that if type of Collateral is Securities Tag 22H::COLL//SCOL		
 Tag 22H::COLL//SCOL		Verify
<b>C Text Block -Subsequence D1 - tag 36B:FAMT 3.3.5 P</b>		
<i>Quantity expressed as an amount representing the face amount</i>		
 Precondition		
 SWIFT message from the Clearing System for Securities Collateral		Verify
 Verify that tag 36B:FAMT		
 Tag 36B:FAMT		Verify

<b>C Tag 28E::LAST/MORE/ONLY - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 20C::SEME - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 20C::SCTR - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 98C::PREP - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22H::COLA - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22H::PTYA - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Tag 22H::PTYB - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 70C::AGRE - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 95P::EXPP - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 19B::COVA - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 19B::TEXA - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 98C::VALE - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

**C Tag 98C::VALC - Population of target table 3.3.5 P**
*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

**C Tag 20C::CALR - Population of target table 3.3.5 P**
*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

**C Tag 22H::CALL - Population of target table 3.3.5 P**
*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

**C Tag 19B::CALL - Population of target table 3.3.5 P**
*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

**C Tag 19B::RECA - Population of target table 3.3.5 P**
*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

**C Tag 19B::MKTIV - Population of target table 3.3.5 P**
*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Tag 92B::EXCH - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 92A::MARG - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 92A::CHAI - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 19B::MRKT - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 35B::ISIN - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 36B::COLL - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Tag 92A::SHAI - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 19B::DEPO - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22H::DEPO - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 95P::MEOR - Population of target table 3.3.5 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence A - tag 28E:LAST 3.3.1 P</b>		
<i>Field 28E:LAST indicates that the message is the last page of the statement.</i>		
 Precondition		
 SWIFT message is the last page of a statement		Verify
 Verify that last page of a statement with more than one page has Tag 28E:LAST		
 Tag 28E:LAST		Verify
<b>C Text Block -Sequence A - tag 28E:MORE 3.3.1 P</b>		
<i>Field 28E:MORE indicates that the message is NOT the last page of the statement.</i>		
 Precondition		
 SWIFT message is not the last page of a statement		Verify
 Verify that if page of a statement is not the last one Tag 28E:MORE		
 Tag 28E:MORE		Verify

 <b>Text Block -Sequence A - tag 28E:ONLY 3.3.1 P</b>		
<i>Field 28E:ONLY indicates that the message is the only last page of the statement.</i>		
 Precondition		
 SWIFT message is the only page of a statement		Verify
 Verify that if the page of a statement Tag 28E:ONLY		
 Tag 28E:ONLY		Verify
 <b>Text Block -Sequence A - tag 22F:SFR//DAIL 3.3.1 P</b>		
<i>Field 22F:SFR//DAIL indicates that the message is sent daily at the end-of-day</i>		
 Precondition		
 SWIFT message is sent daily at the end-of-day		Verify
 Verify that if the message is sent daily 22F:SFR//DAIL		
 Tag 22F:SFR//DAIL		Verify
 <b>Text Block -Sequence A - tag 22F:SFR//INDA 3.3.1 P</b>		
<i>Field 22F:SFR//INDA indicates that the message is sent intraday</i>		
 Precondition		
 SWIFT message is sent intraday		Verify
 Verify that if the message is sent intraday 22F:SFR//INDA		
 Tag 22F:SFR//INDA		Verify
 <b>Text Block -Sequence A - tag 22F:CODE//COMP 3.3.1 P</b>		
<i>Field 22F:CODE//COMP indicates that the statement is complete or contains changes only.</i>		
 Precondition		
 SWIFT message is complete		Verify
 Verify that if the message is complete 22F:CODE//COMP		
 Tag 22F:CODE//COMP		Verify
 <b>Text Block -Sequence B - tag 25D::SETT//PEND 3.3.1 P</b>		
<i>Field 25D::SETT//PEND indicates that instruction is pending</i>		
 Precondition		
 SWIFT message with settlement status pending		Verify
 Verify that if instruction is in pending 25D::SETT//PEND		
 Tag 25D::SETT//PEND		Verify
 <b>Text Block -Sequence B - tag 25D::SETT//PENF 3.3.1 P</b>		
<i>Field 25D::SETT//PENF indicates that instruction is in status failing</i>		
 Precondition		
 SWIFT message with instruction in status failing		Verify
 Verify that if instruction is in status failing 25D::SETT//PENF		
 Tag 25D::SETT//PENF		Verify

 <b>Text Block -Sequence B - tag 25D::SETT//CAND 3.3.1 P</b>		
<i>Field 25D::SETT//CAND indicates that instruction is canceled</i>		
 Precondition		
 SWIFT message with instruction canceled		Verify
 Verify that if instruction is canceled 25D::SETT//CAND		
 Tag 25D::SETT//CAND		Verify
 <b>Text Block -Sequence B1 - tag 24B::CAND//CANS 3.3.1 P</b>		
<i>Field 24B::CAND//CANS indicates position cancelled by the CCP or the related settlement cancelled at the CSD</i>		
 Precondition		
 SWIFT message with 25D status CAND		Verify
 Verify that if position cancelled by the CCP or the related settlement cancelled at the CSD 24B::CAND//CANS		
 Tag 24B::CAND//CANS		Verify
 <b>Text Block -Sequence B1 - tag 24B::CAND//CAAH/LIQU 3.3.1 P</b>		
<i>Field 24B::CAND//CAAH/LIQU indicates position liquidated by the CCP</i>		
 Precondition		
 SWIFT message with 25D status CAND		Verify
 Verify that if position liquidated by the CCP 24B::CAND//CAAH/LIQU		
 Tag 24B::CAND//CAAH/LIQU		Verify
 <b>Text Block -Sequence B1 - tag 24B::CAND//CAAH/PXFR 3.3.1 P</b>		
<i>Field 24B::CAND//CAAH/PXFR indicates Position transferred to another Position Account or Clearing Member</i>		
 Precondition		
 SWIFT message with 25D status CAND		Verify
 Verify that if Position transferred to another Position Account or Clearing Member 24B::CAND//CAAH/PXFR		
 Tag 24B::CAND//CAAH/PXFR		Verify
 <b>Text Block -Sequence B1 - tag 24B::CAND//CAAH/MANU 3.3.1 P</b>		
<i>Field 24B::CAND//CAAH/MANU indicates net position reduced for operational reasons</i>		
 Precondition		
 SWIFT message with 25D status CAND		Verify
 Verify that if net position reduced for operational reasons 24B::CAND//CAAH/PXFR		
 Tag 24B::CAND//CAAH/MANU		Verify
 <b>Text Block -Sequence B1 - tag 24B::PEND//BLOC 3.3.1 P</b>		
<i>Field 24B::PEND//BLOC indicates that short position is held at the CCP prior to the settlement date</i>		
 Precondition		
 SWIFT message with 25D status PEND		Verify

 Verify that if a short Position is held at the CCP prior to the settlement date 24B::PEND//BLOC		
 Tag 24B::PEND//BLOC		Verify

 Text Block -Sequence B1 - tag 24B::PEND//FUTU 3.3.1 P		
<i>Field 24B::PEND//FUTU indicates Position awaiting settlement date</i>		
 Precondition		
 SWIFT message with 25D status PEND		Verify
 Verify that if a Position awaiting settlement date 24B::PEND//FUTU		
 Tag 24B::PEND//FUTU		Verify

 Text Block -Sequence B1 - tag 24B::PENF//BLOC 3.3.1 P		
<i>Field 24B::PENF//BLOC indicates Short Position is held at the CCP on or after the settlement date</i>		
 Precondition		
 SWIFT message with 25D status PENF		Verify
 Verify that if a Short Position is held at the CCP on or after the settlement date 24B::PENF//BLOC		
 Tag 24B::PENF//BLOC		Verify

 Text Block -Sequence B1 - tag 24B::PENF//BYIY 3.3.1 P		
<i>Field 24B::PENF//BYIY indicates Position is subject to buy in process</i>		
 Precondition		
 SWIFT message with 25D status PENF		Verify
 Verify that if Position is subject to buy in process 24B::PENF//BYIY		
 Tag 24B::PENF//BYIY		Verify

 Text Block -Sequence B1 - tag 24B::PENF//CYCL 3.3.1 P		
<i>Field 24B::PENF//CYCL indicates that Position is awaiting next instruction cycle</i>		
 Precondition		
 SWIFT message with 25D status PENF		Verify
 Verify that if Position awaiting next instruction cycle 24B::PENF//CYCL		
 Tag 24B::PENF//CYCL		Verify

 Text Block -Subsequence B2aTag 20C::RELA - position Unsent 3.3.1 P		
<i>If the position is in unsent status, this field should be populated with 'NONREF'</i>		
 Precondition		
 Message received for a position in status UNSENT		Verify
 Verify that if the position is in unsent status this field should be populated with 'NONREF'		
 Tag 20C::RELA//NONREF		Verify

 Text Block -Subsequence B2aTag 20C::RELA - position pending 3.3.1 P		
<i>If the position is in pending status, this field should be populated with the respectively linked POA settlement instruction</i>		

 Precondition		
 Message received for a position in status PENDING		Verify
 Verify that if the position is in pending status, this field should be populated with the respectively linked POA settlement instruction		
 Field populated with the respectively linked POA settlement instruction		Verify

### Text Block -Subsequence B2b - tag 36B - FAMT 3.3.1 P

*Quantity expressed as an amount representing the face amount*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that tag 36B represents the face amount		
 Example Tag 36B::PSTA//FACE/5000		Verify

### Text Block -Subsequence B2b - tag 36B - UNIT 3.3.1 P

*Unit Number: Quantity expressed as a number, for example, a number of shares*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Tag 36B expressed as a number		
 Tag 36B::PSTA//UNIT/5		Verify

### Text Block -Subsequence B2b - tag 22F - TRAN //SETT 3.3.1 P

*If Transaction relates to settlement and clearing TAG 22F::TRAN//SETT*

 Precondition		
 Transaction relates to settlement and clearing		Verify
 Verify that if Transaction relates to settlement and clearing TAG 22F::TRAN//SETT		
 Tag 22F::TRAN//SETT		Verify

### Text Block -Subsequence B2b - tag 22F - TRAN //CORP 3.3.1 P

*If Transaction relates to a Corporate Action TAG 22F::TRAN//CORP*

 Precondition		
 Transaction relates to a Corporate Action		Verify
 Verify that if Transaction relates to a Corporate Action TAG 22F::TRAN//CORP		
 Tag 22F::TRAN//CORP		Verify

### Text Block -Subsequence B2b - tag 22H::REDE//RECE 3.3.1 P

*Transaction is a receipt of financial instruments*

 Precondition		
 SWIFT message from the Clearing System - Transaction is a receipt of financial instruments		Verify
 Verify that if transaction is a receipt of financial instruments 22H::REDE//RECE		
 Tag 22H::REDE//RECE		Verify

<b>C Text Block -Subsequence B2b - tag 22H::REDE//DELI 3.3.1 P</b>		
<i>Transaction is a delivery of financial instruments</i>		
Precondition		
 SWIFT message from the Clearing System - Transaction is a delivery of financial instruments		Verify
 Verify that if transaction is a delivery of financial instruments 22H::REDE//DELI		
 Tag 22H::REDE//DELI		Verify
<b>C Text Block -Subsequence B2b - tag 22H::PAYM//APMT 3.3.1 P</b>		
<i>Transaction is against payment</i>		
Precondition		
 SWIFT message from the Clearing System - Transaction is against payment		Verify
 Verify that if transaction is against payment 22H::PAYM//APMT		
 Tag 22H::PAYM//APMT		Verify
<b>C Text Block -Subsequence B2b - tag 22H::PAYM//FREE 3.3.1 P</b>		
<i>Transaction is free of payment</i>		
Precondition		
 SWIFT message from the Clearing System - Transaction is free of payment		Verify
 Verify that if transaction is free ok payment 22H::PAYM//FREE		
 Tag 22H::PAYM//FREE		Verify
<b>C Text Block -Subsequence B2b - tag 22F::TRCA//SPRI 3.3.1 P</b>		
<i>Role of Dealing as a principal in the transaction</i>		
Precondition		
 SWIFT message from the Clearing System -Role of Dealing as a principal in the transaction		Verify
 Verify that if role of the party in the transaction is Dealing as a principal 22F::TRCA//SPRI		
 Tag 22F::TRCA//SPRI		Verify
<b>C Text Block -Subsequence B2b - tag 22F::TRCA//SAGE 3.3.1 P</b>		
<i>Role of Dealing as an agent in the transaction</i>		
Precondition		
 SWIFT message from the Clearing System -Role of Dealing as an agent in the transaction		Verify
 Verify that if role of the party in the transaction is Dealing as an agent 22F::TRCA//SAGE		
 Tag 22F::TRCA//SAGE		Verify
<b>C Text Block -Subsequence B2b - tag 22F::SETR//TRAF 3.3.1 P</b>		
<i>If Clearing Activity is not a Corporate Action tag 22F::SETR//TRAF</i>		
Precondition		

 SWIFT message from the Clearing System -Clearing activity <>Corporate Action		Verify
 Verify that if Clearing Activity is not a Corporate Action tag 22F::SETR//TRAFF		
 Tag 22F::SETR//TRAFF		Verify

#### Text Block -Subsequence B2b - tag 22F::CAEV//EXOF 3.3.1 P

*If Clearing Activity is an Exchange Corporate Action tag 22F::CAEV//EXOF*

 Precondition		
 SWIFT message from the Clearing System -Exchange Corporate Action		Verify
 Verify that if Clearing Activity is an Exchange Corporate Action tag 22F::CAEV//EXOF		
 Tag 22F::CAEV//EXOF		Verify

#### Text Block -Subsequence B2b - tag 22F::CAEV//EXRI 3.3.1 P

*If Clearing Activity is an Exercises of Rights Corporate Action tag 22F::CAEV//EXRI*

 Precondition		
 SWIFT message from the Clearing System -Exercises of Rights Corporate Action		Verify
 Verify that if Clearing Activity is an Exercises of Rights Corporate Action tag 22F::CAEV//EXRI		
 Tag 22F::CAEV//EXRI		Verify

#### Text Block -Subsequence B2b - tag 22F::CAEV//SPLF 3.3.1 P

*If Clearing Activity is a Split Corporate Action tag 22F::CAEV//SPLF*

 Precondition		
 SWIFT message from the Clearing System -Split Corporate Action		Verify
 Verify that if Clearing Activity is a Split Corporate Action tag 22F::CAEV//SPLF		
 Tag 22F::CAEV//SPLF		Verify

#### Text Block -Subsequence B2b - tag 22F::CAEV//SPLR 3.3.1 P

*If Clearing Activity is a Reverse Split Corporate Action tag 22F::CAEV//SPLR*

 Precondition		
 SWIFT message from the Clearing System -Reverse Split Corporate Action		Verify
 Verify that if Clearing Activity is a Reverse Split Corporate Action tag 22F::CAEV//SPLR		
 Tag 22F::CAEV//SPLR		Verify

#### Text Block -Subsequence B2b - tag 22F::CAEV//CHAN 3.3.1 P

*If Clearing Activity is a Change ISIN Corporate Action tag 22F::CAEV//CHAN*

 Precondition		
 SWIFT message from the Clearing System -Change ISIN Corporate Action		Verify
 Verify that if Clearing Activity is a Change ISIN Corporate Action tag 22F::CAEV//CHAN		
 Tag 22F::CAEV//CHAN		Verify

<b>C Text Block -Subsequence B2b - tag 22F::CAEV//MRGR 3.3.1 P</b>		
<i>If Clearing Activity is a Merge ISIN Corporate Action tag 22F::CAEV//MRGR</i>		
Precondition		
 SWIFT message from the Clearing System -Merge ISIN Corporate Action		Verify
 Verify that if Clearing Activity is a Merge ISIN Corporate Action tag 22F::CAEV//MRGR		
 Tag 22F::CAEV//MRGR		Verify
<b>C Text Block -Subsequence B2b - tag 22F::CAEV//SPIN 3.3.1 P</b>		
<i>If Clearing Activity is a Spin Off Corporate Action tag 22F::CAEV//SPIN</i>		
Precondition		
 SWIFT message from the Clearing System -Spin Off Corporate Action		Verify
 Verify that if Clearing Activity is a Spin Off Corporate Action tag 22F::CAEV//SPIN		
 Tag 22F::CAEV//SPIN		Verify
<b>C Tag 28E::LAST/MORE/ONLY - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 13A::STAT - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 20C::SEME - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 23G::NEWM - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		

 Target table field is populated with value of Tag		Verify
<b>C Tag 98C::PREP - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22F::STAT - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22F::SFRE - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22F::CODE - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22H::STST - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 95P::ACOW - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		

 Target table field is populated with value of Tag		Verify
<b>C Tag 97B::SAFE - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 17B::ACTI - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 25D::SETT/IPRC - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 24B::CAND/PEND/PENF - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 20C::RELA - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 20C::CORP - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		

 Target table field is populated with value of Tag		Verify
<b>C Tag 94B::TRAD - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 35B::ISIN - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 36B::PSTA - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 19A::PSTA - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22F::TRAN - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22H::REDE - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		

 Target table field is populated with value of Tag		Verify
<b>C Tag 22H::PAYM - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22F::TRCA - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22F::SETR/CAEV - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 98A::SETT - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 98A::TRAD - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 95A::REAG/DEAG - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		

 Target table field is populated with value of Tag		Verify
<b>C Tag 97A::SAFE - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 95P::REAG/DEAG - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 95P::PSET - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 95P::MEOR - Population of target table 3.3.1 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence A - tag 28E:LAST 3.3.2 P</b>		
<i>Field 28E:LAST indicates that the message is the last page of the statement.</i>		
 Precondition		
 SWIFT message is the last page of a statement		Verify
 Verify that last page of a statement with more than one page has Tag 28E:LAST		
 Tag 28E:LAST		Verify
<b>C Text Block -Sequence A - tag 28E:MORE 3.3.2 P</b>		
<i>Field 28E:MORE indicates that the message is NOT the last page of the statement.</i>		
 Precondition		
 SWIFT message is not the last page of a statement		Verify
 Verify that if page of a statement is not the last one Tag 28E:MORE		

 Tag 28E:MORE		Verify
<b>C Text Block -Sequence A - tag 28E:ONLY 3.3.2 P</b>		
<i>Field 28E:ONLY indicates that the message is the only last page of the statement.</i>		
 Precondition		
 SWIFT message is the only page of a statement		Verify
 Verify that if the page of a statement Tag 28E:ONLY		
 Tag 28E:ONLY		Verify
<b>C Text Block -Sequence A - tag 22F:SFR//DAIL 3.3.2 P</b>		
<i>Field 22F:SFR//DAIL indicates that the message is sent daily at the end-of-day.Used if the message is a Complete message</i>		
 Precondition		
 SWIFT message is sent daily at the end-of-day		Verify
 Verify that if the message is sent daily 22F:SFR//DAIL		
 Tag 22F:SFR//DAIL		Verify
<b>C Text Block -Sequence A - tag 22F:SFR//INDA 3.3.2 P</b>		
<i>Field 22F:SFR//INDA indicates that the message is sent intraday.Used if the message is a delta message</i>		
 Precondition		
 SWIFT message is sent intraday		Verify
 Verify that if the message is sent intraday 22F:SFR//INDA		
 Tag 22F:SFR//INDA		Verify
<b>C Text Block -Sequence A - tag 22F:CODE//COMP 3.3.2 P</b>		
<i>Field 22F:CODE//COMP indicates that the statement is complete</i>		
 Precondition		
 SWIFT message is complete		Verify
 Verify that if the message is complete 22F:CODE//COMP		
 Tag 22F:CODE//COMP		Verify
<b>C Text Block -Sequence A - tag 22F:CODE//DELT 3.3.2 P</b>		
<i>Field 22F:CODE//DELT indicates that the statement contains changes only.</i>		
 Precondition		
 SWIFT message is complete		Verify
 Verify that if the message contains only changes 22F:CODE//DELT		
 Tag 22F:CODE//DELT		Verify
<b>C Text Block -Subsequence B1a1 - tag 20C - Position Closed 3.3.2 P</b>		
<i>Field 20C::RELA//NONREF indicates that a position has been closed as result of internal offsetting system</i>		
 Precondition		
 SWIFT message with a position closed as result of internal offsetting system		Verify

 Verify that if a position has been closed as result of internal offsetting system 20C::RELA//NONREF		
 Tag 20C::RELA//NONREF		Verify

### Text Block -Subsequence B1a1 - tag 20C - Position Settles 3.3.2 P

*If the position is in settled status, it should be populated with the respectively linked POA settlement instruction.  
Example:20C::RELA//1S20180912S1382*

 Precondition		
 SWIFT message with a position settled		Verify
 Verify that if a position is in settled status, it should be populated with the respectively linked POA settlement instruction.		
 Tag 20C populated with the respectively linked POA settlement instruction.		Verify

### Text Block -Sequence B1a2 - tag 36B - FAMT 3.3.2 P

*Quantity expressed as an amount representing the face amount*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that tag 36B represents the face amount		
 Example Tag 36B::PSTA//FACE/5000		Verify

### Text Block -Sequence B1a2 - tag 36B - UNIT 3.3.2 P

*Unit Number: Quantity expressed as a number, for example, a number of shares*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Tag 36B expressed as a number		
 Tag 36B::PSTA//UNIT/5		Verify

### Text Block -Sequence B1a2 - tag 22F - SETT 3.3.2 P

*Transaction relates to settlement and clearing*

 Precondition		
 SWIFT message from the Clearing System - Transaction related to settlement and clearing		Verify
 Verify that if transaction relates to settlement and clearing Tag :22F::TRAN//SETT		
 Tag 22F::TRAN//SETT		Verify

### Text Block -Sequence B1a2 - tag 22F - CORP 3.3.2 P

*Transaction relates to corporate action*

 Precondition		
 SWIFT message from the Clearing System - Transaction relates to corporate action		Verify
 Verify that if transaction relates to corporate action Tag :22F::TRAN//CORP		
 Tag :22F::TRAN//CORP		Verify

 <b>Text Block -Sequence B1a2 - tag 22H::REDE//RECE 3.3.2 P</b>		
<i>Transaction is a receipt of financial instruments</i>		
 Precondition		
 SWIFT message from the Clearing System - Transaction is a receipt of financial instruments		Verify
 Verify that if transaction is a receipt of financial instruments 22H::REDE//RECE		
 Tag 22H::REDE//RECE		Verify
 <b>Text Block -Sequence B1a2 - tag 22H::REDE//DELI 3.3.2 P</b>		
<i>Transaction is a delivery of financial instruments</i>		
 Precondition		
 SWIFT message from the Clearing System - Transaction is a delivery of financial instruments		Verify
 Verify that if transaction is a delivery of financial instruments 22H::REDE//DELI		
 Tag 22H::REDE//DELI		Verify
 <b>Text Block -Sequence B1a2 - tag 22H::PAYM//APMT 3.3.2 P</b>		
<i>Transaction is against payment</i>		
 Precondition		
 SWIFT message from the Clearing System - Transaction is against payment		Verify
 Verify that if transaction is against payment 22H::PAYM//APMT		
 Tag 22H::PAYM//APMT		Verify
 <b>Text Block -Sequence B1a2 - tag 22H::PAYM//FREE 3.3.2 P</b>		
<i>Transaction is free of payment</i>		
 Precondition		
 SWIFT message from the Clearing System - Transaction is free of payment		Verify
 Verify that if transaction is free ok payment 22H::PAYM//FREE		
 Tag 22H::PAYM//FREE		Verify
 <b>Text Block -Sequence B1a2 - tag 22F::SETR//TRAD 3.3.2 P</b>		
<i>The settled position was created as a result of a trade</i>		
 Precondition		
 SWIFT message from the Clearing System - The settled position was created as a result of a trade		Verify
 Verify that if the settled position was created as a result of a trade 22F::SETR//TRAD		
 Tag 22F::SETR//TRAD		Verify
 <b>Text Block -Sequence B1a2 - tag 22F::SETR/CAAH/OFST 3.3.2 P</b>		
<i>The settled position was due to offsetting</i>		
 Precondition		

 SWIFT message from the Clearing System -Settled position due to offsetting		Verify
 Verify that if the settled position was due to offsetting 22F::SETR/CAAH/OFST		
 Tag 22F::SETR/CAAH/OFST		Verify

### Text Block -Sequence B1a2 - tag :22F::TRCA//SPRI 3.3.2 P

<i>Role of Dealing as a principal in the transaction</i>		
 Precondition		
 SWIFT message from the Clearing System -Role of Dealing as a principal in the transaction		Verify
 Verify that if role of the party in the transaction is Dealing as a principal 22F::TRCA//SPRI		
 Tag :22F::TRCA//SPRI		Verify

### Text Block -Sequence B1a2 - tag :22F::TRCA//SAGE 3.3.2 P

<i>Role of Dealing as an agent in the transaction</i>		
 Precondition		
 SWIFT message from the Clearing System -Role of Dealing as an agent in the transaction		Verify
 Verify that if role of the party in the transaction is Dealing as an agent 22F::TRCA//SAGE		
 Tag :22F::TRCA//SAGE		Verify

### Text Block -Sequence B1a2A - tag 95P::REAG//BICDCM01XXX 3.3.2 P

<i>If 22H::REDE//RECE agent is a receiving agent and tag 95P::REAG//BICDCM01XXX</i>		
 Precondition		
 SWIFT message from the Clearing System with tag 22H::REDE//RECE		Verify
 Verify that if tag 22H::REDE//RECE agent is a receaving agent and tag 95P::REAG//BICDCM01XXX		
 Tag 95P::REAG//BICDCM01XXX		Verify

### Text Block -Sequence B1a2A - tag 95P::DEAG//BICDCM01XXX 3.3.2 P

<i>If 22H::REDE//DELE agent is a delivering agent and tag 95P::DEAG//BICDCM01XXX</i>		
 Precondition		
 SWIFT message from the Clearing System with tag 22H::REDE//DELE		Verify
 Verify that if tag 22H::REDE//DELE agent is a delivering agent and tag 95P::DEAG//BICDCM01XXX		
 Tag 95P::DEAG//BICDCM01XXX		Verify

### Tag 28E::LAST/MORE/ONLY - Population of target table 3.3.2 P

<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Tag 13A::STAT - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 20C::SEME - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 23G::NEWM - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 98C::PREP - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22F::STAT - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22F::SFRE - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Tag 22F::CODE - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22H::STBA - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 95P::ACOW - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 97B::SAFE - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 17B::ACTI - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 17B::CONS - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Tag 20C::RELA - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 20C::CORP - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 20C::ASRF - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 36B::PSTA - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 94B::TRAD - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 19A::PSTA - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Tag 22F::TRAN - Population of target table 3.3.2 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Tag 22H::REDE - Population of target table 3.3.2 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Tag 22H::PAYM - Population of target table 3.3.2 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Tag 22H::TRCA - Population of target table 3.3.2 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Tag 98A::ESET - Population of target table 3.3.2 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Tag 98A::SETT - Population of target table 3.3.2 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Tag 98A::TRAD - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 95P::MEOR - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 95P::PSET - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 97B::SAFE - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 95P::REAG/DEAG - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 35B::ISIN - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence A - tag 28E:LAST 3.3.3 P

*Field 28E:LAST indicates that the message is the last page of the statement.*

 Precondition		
 SWIFT message is the last page of a statement		Verify
 Verify that last page of a statement with more than one page has Tag 28E:LAST		
 Tag 28E:LAST		Verify

### C Text Block -Sequence A - tag 28E:MORE 3.3.3 P

*Field 28E:MORE indicates that the message is NOT the last page of the statement.*

 Precondition		
 SWIFT message is not the last page of a statement		Verify
 Verify that if page of a statement is not the last one Tag 28E:MORE		
 Tag 28E:MORE		Verify

### C Text Block -Sequence A - tag 28E:ONLY 3.3.3 P

*Field 28E:ONLY indicates that the message is the only last page of the statement.*

 Precondition		
 SWIFT message is the only page of a statement		Verify
 Verify that if the page of a statement Tag 28E:ONLY		
 Tag 28E:ONLY		Verify

### C Text Block -Sequence B1a2 - tag 36B - FAMT 3.3.3 P

*Quantity expressed as an amount representing the face amount*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that tag 36B represents the face amount		
 Example Tag 36B::PSTA//FACE/5000		Verify

### C Text Block -Sequence B1a2 - tag 36B - UNIT 3.3.3 P

*Unit Number: Quantity expressed as a number, for example, a number of shares*

 Precondition		
 SWIFT message from the Clearing System		Verify
 Verify that Tag 36B expressed as a number		
 Tag 36B::PSTA//UNIT/5		Verify

### C Text Block -Sequence B1a2 - tag 22H::REDE//RECE 3.3.3 P

*Transaction is a receipt of financial instruments*

 Precondition		
 SWIFT message from the Clearing System - Transaction is a receipt of financial instruments		Verify
 Verify that if transaction is a receipt of financial instruments 22H::REDE//RECE		
 Tag 22H::REDE//RECE		Verify

<b>C Text Block -Sequence B1a2 - tag 22H::REDE//DELI 3.3.3 P</b>		
<i>Transaction is a delivery of financial instruments</i>		
Precondition		
 SWIFT message from the Clearing System - Transaction is a delivery of financial instruments		Verify
 Verify that if transaction is a delivery of financial instruments 22H::REDE//DELI		
 Tag 22H::REDE//DELI		Verify
<b>C Text Block -Sequence B1a2 - tag 22H::PAYM//FREE 3.3.3 P</b>		
<i>Transaction is free of payment</i>		
Precondition		
 SWIFT message from the Clearing System - Transaction is free of payment		Verify
 Verify that if transaction is free ok payment 22H::PAYM//FREE		
 Tag 22H::PAYM//FREE		Verify
<b>C Text Block -Sequence B1a2 - tag 22F::SETR//NETT 3.3.3 P</b>		
<i>Trade is held at the CCP as part of a net cleared position</i>		
Precondition		
 SWIFT message from the Clearing System -The trade is held at the CCP as part of a net cleared position		Verify
 Verify that if transaction is held at the CCP as part of a net cleared position 22F::SETR//NETT		
 Tag 22F::SETR//NETT		Verify
<b>C Text Block -Sequence B1a2 - tag 22F::TRCA//SPRI 3.3.3 P</b>		
<i>Role of Dealing as a principal in the transaction</i>		
Precondition		
 SWIFT message from the Clearing System -Role of Dealing as a principal in the transaction		Verify
 Verify that if role of the party in the transaction is Dealing as a principal 22F::TRCA//SPRI		
 Tag :22F::TRCA//SPRI		Verify
<b>C Text Block -Sequence B1a2 - tag 22F::TRCA//SAGE 3.3.3 P</b>		
<i>Role of Dealing as an agent in the transaction</i>		
Precondition		
 SWIFT message from the Clearing System -Role of Dealing as an agent in the transaction		Verify
 Verify that if role of the party in the transaction is Dealing as an agent 22F::TRCA//SAGE		
 Tag :22F::TRCA//SAGE		Verify
<b>C Text Block -Subsequence B1a2A - tag 95P::BUYR 3.3.3 P</b>		
<i>Transaction is a receipt of financial instruments - BIC code is the identifier of buyer participant</i>		
Precondition		

 SWIFT message from the Clearing System -Transaction is a receipt of financial instruments		Verify
 Verify that if transaction is a receipt of financial instruments, BIC Code is the one of party that receives the financial instrument		
 Example Tag 95P::BUYR//BKAUATWWXXX		Verify

C Text Block -Subsequence B1a2A - tag 95P::SELL 3.3.3 P		
<i>Transaction is a delivery of financial instruments - BIC code is the identifier of seller participant</i>		
 Precondition		
 SWIFT message from the Clearing System -Transaction is a delivery of financial instruments		Verify
 Verify that if transaction is a delivery of financial instruments, BIC Code is the one of party that sells the financial instrument		
 Example Tag 95P::SELL//BKAUATWWXXX		Verify

C Tag 28E::LAST/MORE/ONLY - Population of target table 3.3.3 P		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

C Tag 13A::STAT - Population of target table 3.3.3 P		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

C Tag 20C::SEME - Population of target table 3.3.3 P		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

C Tag 23G::NEWM - Population of target table 3.3.3 P		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Tag 98C::PREP - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22F::STAT - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22F::SFRE - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22F::CODE - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22H::STBA - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 95P::ACOW - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Tag 97B::SAFE - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 17B::ACTI - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 17B::CONS - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 35B::ISIN - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 20C::TRRF - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 20C::RELA - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Tag 20C::COMM - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 94B::TRAD - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 36B::PSTA - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 19A::PSTA - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 19A::ACRU - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22F::TRAN - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Tag 22H::REDE - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22H::PAYM - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 22H::TRCA - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 98A::ESET - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 98A::TRAD - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 70E::TRDE - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

<b>C Tag 97B::SAFE - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 95P::PSET - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 95P::MEOR - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence A - tag 32A - Default Fund Call 2.3.1 P</b>		
<i>In case of Default Fund call: 32A:[ParticipantContribution][Evaluation Date] + [ParticipantContribution][DF Currency] + [ParticipantContribution][Collateral Call]</i>		
 Precondition		
 SWIFT message from the Clearing System to communicate a Default Fund Call		Verify
 Verify that tag in case of Default Fund Call 32A: [ParticipantContribution][Evaluation Date] + [ParticipantContribution][DF Currency] + [ParticipantContribution][Collateral Call]		
 Tag 32A: [ParticipantContribution][Evaluation Date] + [ParticipantContribution][DF Currency] + [ParticipantContribution][Collateral Call]		Verify
<b>C Text Block -Sequence A - tag 32A Default Fund Restitution 2.3.1 P</b>		
<i>In case of Default Fund Restitution: 32A:[ParticipantContribution][Evaluation Date] + [ParticipantContribution][DF Currency] + [ParticipantContribution][Collateral Excess]</i>		
 Precondition		
 SWIFT message from the Clearing System to communicate a Default Fund Restitution		Verify
 Verify that tag in case of Default Fund Restitution 32A:[ParticipantContribution][Evaluation Date] + [ParticipantContribution][DF Currency] + [ParticipantContribution][Collateral Excess]		

 Tag 32A: [ParticipantContribution][Evaluation Date] + [ParticipantContribution][DF Currency] + [ParticipantContribution][Collateral Excess]		Verify
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### Text Block -Sequence A - tag 58A - Default Fund Call 2.3.1 P

*In case of Default Fund Call: 58A:[Participant][Payment BIC B] (CCP)*

 Precondition		
 SWIFT message from the Clearing System to communicate a Default Fund Call		Verify
 Verify that tag in case of Default Fund Call 58A: [Participant][Payment BIC B] (CCP)		
 Tag 58A:[Participant][Payment BIC B] (CCP)		Verify

### Text Block -Sequence A - tag 58A Default Fund Restitution 2.3.1 P

*In case of Default Fund Restitution: 58A:[Participant][Payment BIC B] (Participant)*

 Precondition		
 SWIFT message from the Clearing System to communicate a Default Fund Restitution		Verify
 Verify that tag in case of Default Fund Restitution 58A:[Participant][Payment BIC B] (Participant)		
 Tag 58A: [Participant][Payment BIC B] (Participant)		Verify

### Tag 20 - Population of target table 2.3.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Tag 21 - Population of target table 2.3.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Tag 32A - Population of target table 2.3.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Tag 53A - Population of target table 2.3.1 P

*Target table field is populated with value of Tag*

 Precondition		
---	--	--

 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Tag 58A - Population of target table 2.3.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Tag 72 - Population of target table 2.3.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence A - Tag 28E - LAST 3.4.1 P

*Field 28E:LAST indicates that the message is the last page of the statement.*

 Precondition		
 Message is the last page of the statement		Verify
 Verify that on target table field is populated with LAST		
 Target table field is populated with LAST		Verify

### C Text Block -Sequence A - Tag 28E - MORE 3.4.1 P

*Field 28E:MORE indicates that the message is NOT the last page of the statement.*

 Precondition		
 Message is NOT the last page of the statement		Verify
 Verify that on target table field is populated with MORE		
 Target table field is populated with MORE		Verify

### C Text Block -Sequence A - Tag 28E - ONLY 3.4.1 P

*Field 28E:ONLY indicates that the message is the only page of the statement.*

 Precondition		
 Message is the only page of the statement		Verify
 Verify that on target table field is populated with ONLY		
 Target table field is populated with ONLY		Verify

### C Text Block -Sequence A - Tag 20C - SEME 3.4.1 N

*If a duplicate reference is received during the day, the message is processed with a warning.*

 Precondition		
---	--	--

 Duplicate reference received		Verify
 Verify that if a duplicate reference is received during the day, the message is processed with a warning.		
 Message is processed with a warning.		Verify

### C Text Block -Sequence A - Tag 23G <> NEWM 3.4.1 N

*If this field is different from NEWM, the message is processed with a warning.*

 Precondition		
 Tag 23G <> NEWM		Verify
 Verify that if this field is different from NEWM, the message is processed with a warning.		
 Message is processed with a warning.		Verify

### C Text Block -Sequence A - Tag 23G = NEWM 3.4.1 P

*Check the value=NEWM on table*

 Precondition		
 Tag 23G = NEWM		Verify
 Verify that if this field is NEWM, value is charged on table		
 Value=NEWM on table		Verify

### C Text Block -Sequence A - Tag 98C PREP 3.4.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag and correct date format		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence A - Tag 98A STAT 3.4.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag and correct date format		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence A - Tag 22F SFRE 3.4.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence A - Tag 22F CODE 3.4.1 P

*Target table field is populated with value of Tag*

 Precondition		
---	--	--

 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence A - Tag 22F STTY 3.4.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence A - Tag 22F STBA 3.4.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence A - Tag 97A SAFE 3.4.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence A - Tag 17B ACTI 3.4.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence A - Tag 17B CONS 3.4.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block -Subsequence B1 - Tag 35B - warning on ISIN 3.4.1 N

*It is validated against the ISIN of the instrument in the System.*

*If there is a mismatch the message is processed with a warning.*

 Precondition		
---	--	--

 Message received with a mismatch on ISIN		Verify
 Verify that message is processed with a warning.		
 Message is processed with a warning.		Verify

### Text Block -Subsequence B1 - Tag 35B - Correct ISIN 3.4.1 P

*/SIN validated*

 Precondition		
 Message received with correct ISIN		Verify
 Verify that target table field is populated with value of ISIN		
 Target table field is populated with value of ISIN		Verify

### Text Block -Sequence B1 - Tag 90a - MRKT 3.4.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Text Block -Sequence B1 - Tag 98A - PRIC 3.4.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Text Block -Sequence B1 - Tag 93B - AGGR - FAMT 3.4.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Text Block -Sequence B1b - Tag 93a - Balance 3.4.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Text Block -Sequence B1b - Tag 94F- SAFE 3.4.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify

 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence B1b - Tag 70C- SUBB 3.4.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C Text Block -Sequence B - Tag 70E- HOLD 3.4.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### C CHK-01 Time out: 10.50 FN00007669 N

*In case of upload exceptions the batch is stopped on the checkpoint.*

 Precondition		
 Failure during Security Collateral File processing		Verify
 TECH-OPS has made manual amendments in order to correctly continue the process		
 After manual amendments checkpoint is released		Verify

### C CHK-03 Time out: 11.50 FN00007669 N

*In case of upload exceptions the batch is stopped on the checkpoint.*

 Precondition		
 Failure during Security Collateral File processing		Verify
 TECH-OPS has made manual amendments in order to correctly continue the process		
 After manual amendments checkpoint is released		Verify

### C CHK-04 Time out: 14.20 FN00007669 N

*In case of upload exceptions the batch is stopped on the checkpoint.*

 Precondition		
 Failure during Security Collateral File processing		Verify
 TECH-OPS has made manual amendments in order to correctly continue the process		
 After manual amendments checkpoint is released		Verify

### C CHK-06 Time out: 15.20 FN00007669 N

*In case of upload exceptions the batch is stopped on the checkpoint.*

 Precondition		
 Failure during Security Collateral File processing		Verify

 TECH-OPS has made manual amendments in order to correctly continue the process		
 After manual amendments checkpoint is released		Verify

### C CHK-07 Time out: 17.50 FN00007669 N

*In case of upload exceptions the batch is stopped on the checkpoint.*

 Precondition		
 Failure during Security Collateral File processing		Verify
 TECH-OPS has made manual amendments in order to correctly continue the process		
 After manual amendments checkpoint is released		Verify

### C Security Feed Exceptions FN00007669 N

*Correct managing of Security Collateral Feed Exceptions*

 Precondition		
 File not received yet at 9.50, 11.00, 13.30, 14.30, 17.00 (respectively)		Verify
 If file not received yet at 9.50, 11.00, 13.30, 14.30, 17.00 (respectively), Exceptions managing in attach		
 Correctly managed Security Collateral Feed Exception		Verify

### C 1.6 Data item Instruments static data Validation

*Instruments static data Validation*

 Precondition		
 TYPE, MKT items are correctly loaded		Verify
 Flow: the system populates the data via automated data flow without the need of user intervention.		
 Source and Destination Data items are balanced (int-Test approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (int-Test approach)		Verify

### C 1.7 Data item Special participants Validation

*Special participants Validation*

 Precondition		
 MKT items are correctly loaded		Verify
 Manual: the user populates the data using the system GUI.		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify

C 1.9 Data item Collateral eligible instruments Validation		
<i>Collateral eligible instruments Validation</i>		
Precondition		
✓ CURR, CCLASS, IGROUP items are correctly loaded		Verify
CSV: data is extracted from NewClear/WBAG in CSV format and loaded via DB scripting		
✓ Source and Destination Data items are balanced (lookup approach)		Verify
Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
✓ Source and Destination Data items are balanced (lookup approach)		Verify

C 1.11 Data item PAMP Historical Data Validation		
<i>PAMP Historical Data Validation</i>		
Precondition		
✓ PAMP item is correctly loaded		Verify
Auto: data are populated by automatic procedures as a consequence of the execution of system processes.		
✓ Source and Destination Data items are balanced (lookup approach)		Verify
Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
✓ Source and Destination Data items are balanced (lookup approach)		Verify

C 1.13 Data item Default Fund global parameters.		
<i>Default Fund global parameters.</i>		
Precondition		
✓ MKT item is correctly loaded		Verify
Manual: the user populates the data using the system GUI.		
✓ Source and Destination Data items are balanced (lookup approach)		Verify
Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
✓ Source and Destination Data items are balanced (lookup approach)		Verify

C 1.14 Data item Participant, company data Validation		
<i>Participant, company data Validation</i>		
Precondition		
✓ MKT item is correctly loaded		Verify
Manual: the user populates the data using the system GUI.		

 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify

C 1.15 Data item Participant, options		
<i>Participant, options</i>		
 Precondition		
 MKT,PART1 items are correctly loaded		Verify
 Manual: the user populates the data using the system GUI.		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify

C 1.16 Data item Position account, default items Validation		
<i>Position account, default items Validation</i>		
 Precondition		
 PART1, MKT items are correctly loaded		Verify
 Auto: data are populated by automatic procedures as a consequence of the execution of system processes.		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify

C 1.17 Data item Position account, optional items Validation		
<i>Position account, optional items Validation</i>		
 Precondition		
 POS1 item are correctly loaded		Verify
 CSV: data is extracted from NewClear/WBAG in CSV format and loaded via DB scripting		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify

C 1.18 Data item Margin account Validation		
<i>Margin account Validation</i>		

 Precondition		
 POS2 item is correctly loaded		Verify
 Auto: data are populated by automatic procedures as a consequence of the execution of system processes.		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify

## 1.19 Data item Settlement account Validation

<i>Settlement account Validation</i>		
 Precondition		
 POS2 item is correctly loaded		Verify
 CSV: data is extracted from NewClear/WBAG in CSV format and loaded via DB scripting		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify

## 1.20 Data item Collateral Account Margin Validation

<i>Collateral Account Margin Validation</i>		
 Precondition		
 POS2 item is correctly loaded		Verify
 CSV: data is extracted from NewClear/WBAG in CSV format and loaded via DB scripting		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify

## 1.21 Data item Collateral Account DF Validation

<i>Collateral Account DF Validation</i>		
 Precondition		
 POS2 item is correctly loaded		Verify
 CSV: data is extracted from NewClear/WBAG in CSV format and loaded via DB scripting		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		

 Source and Destination Data items are balanced (lookup approach)		Verify
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### C 1.22 Data item Collateral Account / External and Mapping Validation

*Collateral Account / External and Mapping Validation*

 Precondition		
 POS2 item is correctly loaded		Verify
 CSV: data is extracted from NewClear/WBAG in CSV format and loaded via DB scripting		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify

### C 1.23 Data item Account mapping, Participation type and Participant relationship per market Validation

*Account mapping, Participation type and Participant relationship per market Validation*

 Precondition		
 MARA, SETTA, COLLA, COLLDF items are correctly loaded		Verify
 CSV: data is extracted from NewClear/WBAG in CSV format and loaded via DB scripting		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify

### C 1.24 Data item General Options

*General Options*

 Precondition		
 SPEC item is correctly loaded		Verify
 Manual: the user populates the data using the system GUI.		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify

### C 1.1 Data item Schedules Validation

*Schedules Validation*

 Manual: the user populates the data using the system GUI.		
 Source and Destination Data Items are balanced (Sys-Test approach)		Verify

 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data Items are balanced (Sys-Test approach)		Verify

## C 1.2 Data item Asset type Validation

### Asset type Validation

 CSV: data is extracted from NewClear/WBAG in CSV format and loaded via DB scripting		
 Source and Destination Data items are balanced (int-Test approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (int-Test approach)		Verify

## C 1.3 Data item Collateral Classes Validation

### Collateral Classes Validation

 CSV: data is extracted from NewClear/WBAG in CSV format and loaded via DB scripting		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify

## C 1.4 Data item Issuer Group Validation

### Issuer Group Validation

 CSV: data is extracted from NewClear/WBAG in CSV format and loaded via DB scripting		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify

## C 1.5 Data item Market Validation

### Market Validation

 Manual: the user populates the data using the system GUI.		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify

<b>C 1.8 Data item Collateral Eligible currencies Validation</b>		
<i>Collateral Eligible currencies Validation</i>		
 CSV: data is extracted from NewClear/WBAG in CSV format and loaded via DB scripting		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify
<b>C 1.10 Data item PAMP Setup Validation</b>		
<i>PAMP Setup Validation</i>		
 Auto: data are populated by automatic procedures as a consequence of the execution of system processes.		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify
<b>C 1.12 Data item ECB Eligible Assets Validation</b>		
<i>ECB Eligible Assets Validation</i>		
 Flow: the system populates the data via automated data flow without the need of user intervention.		
 Source and Destination Data items are balanced (int-Test approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (int-Test approach)		Verify
<b>C 2.1 Data item Corporate Actions Validation</b>		
<i>Corporate Actions Validation</i>		
 Manual: the user populates the data archives using the system GUI.		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify
<b>C 2.2 Data item Collateral account position details Validation</b>		
<i>Collateral account position details Validation</i>		

 Flow: the system populates the data archives via automated data flow without the need of user intervention.		
 Source and Destination Data items are balanced (int-Test approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (int-Test approach)		Verify

## C 2.3 Data item Traded instrument prices Validation

### *Traded instrument prices Validation*

 Flow: the system populates the data archives via automated data flow without the need of user intervention.		
 Please refer to Trade Instrument Price TC		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Please refer to Trade Instrument Price TC		Verify

## C 2.4 Data item Collateral instrument prices Validation

### *Collateral instrument prices Validation*

 Flow: the system populates the data archives via automated data flow without the need of user intervention.		
 Please refer to Collateral instrument prices TC		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Please refer to Collateral instrument prices TC		Verify

## C 2.5 Data item Exchange rates Validation

### *Exchange rates Validation*

 Flow: the system populates the data archives via automated data flow without the need of user intervention.		
 Please refer to Exchange rates TC		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Please refer to Exchange rates TC		Verify

## C 2.6 Data item Trades Validation

### *Trades Validation*

 Flow: the system populates the data archives via automated data flow without the need of user intervention.		
 Please refer to Trades TC		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		

 Please refer to Trades TC		Verify
<b>C 2.7 Data item Initial data used to calculate the default fund quota Validation</b>		
<i>Initial data used to calculate the default fund quota Validation</i>		
 CSV: data is extracted from NewClear/WBAG in CSV format and loaded via DB scripting.		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify
<b>C 2.8 Data item Default fund balances details Validation</b>		
<i>Default fund balances details Validation</i>		
 CSV: data is extracted from NewClear/WBAG in CSV format and loaded via DB scripting.		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify
<b>C 2.9 Data item Position account position details Validation</b>		
<i>Position account position details Validation</i>		
 Trade: it's a particular case of CSV loading. Data is loaded using the trade capture production tool (that includes a CSV parser). This particular technique requires an operational workaround to work properly.		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify
<b>C 2.10 Data item Settlement account position details Validation</b>		
<i>Settlement account position details Validation</i>		
 Auto: data are populated by automatic procedures as a consequence of the execution of production processes		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify

<b>C 2.11 Data item Margin account position details Validation</b>		
<i>Margin account position details Validation</i>		
 Auto: data are populated by automatic procedures as a consequence of the execution of production processes.		
 Source and Destination Data items are balanced (lookup approach)		Verify
 Set of Inquiries are run to validate data in terms of volume and consistency between the source and destination data item		
 Source and Destination Data items are balanced (lookup approach)		Verify
<b>C Correct layout 1.1</b>		
<i>Verify that layout of functionality Master Files &gt; Members is correct</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Master Files > Members		
 Layout of functionality is correct		Verify
<b>C Filter Member Code works correctly 1.2</b>		
<i>Verify that Member Code filter works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Master Files > Members and use the filter		
 Member code filter works correctly		Verify
<b>C Filter Member Name works correctly 1.3</b>		
<i>Verify that Member Name filter works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Master Files > Members and use the filter		
 Member name filter works correctly		Verify
<b>C Filter on Status works correctly 1.4</b>		
<i>Verify that filter Status 'All' works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Master Files > Member Account and use the filter		
 All member accounts are shown		Verify
<b>C Filter on Status works correctly - Active 1.5</b>		
<i>Verify that filter Status 'Active' works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify

 User open GUI and click on Master Files > Member Account and use the filter		
 Only active member accounts are shown		Verify
<b>C Filter on Status works correctly - Inactive 1.6</b>		
<i>Verify that filter Status 'Deactive' works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Master Files > Member Account and use the filter		
 Only inactive member accounts are shown		Verify
<b>C "+" symbol 1.7</b>		
<i>Left "+" symbol shows member's enabled Swift Message</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User clicks on Left "+" on a row of a member account		
 Member's enabled Swift Message are showed		Verify
<b>C "+" symbol -&gt; Adding a swift message 1.8</b>		
<i>User can enable a swift message to the member</i>		
 Precondition		
 User enter on WICS Interface and click on "+" symbol		Verify
 User can enable a swift message to the member. Status depends on Date		
 User can enable a swift message to the member		Verify
<b>C "+" symbol -&gt; Deleting a swift message 1.9</b>		
<i>User can delete a swift message to the member</i>		
 Precondition		
 User enter on WICS Interface and click on "+" symbol		Verify
 User can delete a swift message to the member		
 User can delete a swift message to the member		Verify
<b>C "+" symbol -&gt; Modifying a swift message 1.10</b>		
<i>User can modify a swift message to the member</i>		
 Precondition		
 User enter on WICS Interface and click on "+" symbol		Verify
 User can modify a swift message to the member. Status depends on Date		
 User can modify a swift message to the member		Verify
<b>C View mode 1.11</b>		
<i>View mode shows all the informations of the selected Member account</i>		
 Precondition		

 User enter on WICS Interface		Verify
 User clicks on the view symbol on a row of a member account		
 View mode shows all the informations of the selected member account. Fields are not modifiable		Verify

## C Add mode 1.12

*With add mode is possible to insert a new Member Account*

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol		
 Add mode shows all the fields needed to create a new Member Account		Verify

## C Add mode - New Participant type 1.13

*With add mode is possible to insert a new Member with type=Participant*

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol and select Type Participant. Only fields regarding Type Participant are valuable		
 User save the new Participant		Verify

## C Add mode - New Clearing Agent type 1.14

*With add mode is possible to insert a new Participant type*

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol and select Type Clearing Agent. Only fields regarding Type Participant are valuable		
 User save the new Clearing Agent		Verify

## C Add mode - New CCP type 1.15

*With add mode is possible to insert a new CCP Type*

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol and select Type CCP. Only fields regarding Type CCP are valuable		
 User save the new CCP		Verify

## C Add mode - New CSD type 1.16

*With add mode is possible to insert a new CSD Type*

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol and select Type CSD. Only fields regarding Type CSD are valuable		
 User save the new CSD		Verify

<b>C Add mode - Fields Values 1.17</b>		
<i>Check that fields types and values are correct</i>		
Precondition		
User enter on WICS Interface		Verify
User clicks on the add symbol and tries to modify values of fields		
Values respects types and range values of fields		Verify
<b>C Add mode -Saving 1.18</b>		
<i>User save the new transaction</i>		
Precondition		
User enter on WICS Interface		Verify
User fill all fields in add mode and save.		
New member account is on list		Verify
<b>C Correct layout 1.1</b>		
<i>Verify that layout of functionality Master Files &gt; Collateral Account</i>		
Precondition		
User enter on WICS Interface		Verify
User open GUI and click on Master Files > Collateral Account		
Layout of functionality is correct		Verify
<b>C Filter Collateral Account ID works correctly 1.2</b>		
<i>Verify that Collateral Account ID filter works correctly</i>		
Precondition		
User enter on WICS Interface		Verify
User open GUI and click on Master Files > Collateral Account and use the filter		
Account ID filter works correctly		Verify
<b>C Filter Account Description works correctly 1.3</b>		
<i>Verify that Account Description filter works correctly</i>		
Precondition		
User enter on WICS Interface		Verify
User open GUI and click on Master Files > Collateral Account and use the filter		
Description filter works correctly		Verify
<b>C Filter on Status works correctly for 'All' 1.4</b>		
<i>Verify that filter Status 'All' works correctly</i>		
Precondition		
User enter on WICS Interface		Verify
User open GUI and click on Master Files > Collateral Account and use the filter		
All collateral accounts are shown		Verify

<b>C Filter on Status works correctly for 'Active' 1.5</b>		
<i>Verify that filter Status 'Active' works correctly</i>		
Precondition		
User enter on WICS Interface		Verify
User open GUI and click on Master Files > Collateral Account and use the filter		
Only active collateral accounts are shown		Verify
<b>C Filter on Status works correctly for 'Deactive' 1.6</b>		
<i>Verify that filter Status 'Deactive' works correctly</i>		
Precondition		
User enter on WICS Interface		Verify
User open GUI and click on Master Files > Collateral Account and use the filter		
Only inactive collateral accounts are shown		Verify
<b>C View mode 1.7</b>		
<i>View mode shows all the informations of the selected Collateral Account</i>		
Precondition		
User enter on WICS Interface		Verify
User clicks on the view symbol on a row of a member account		
View mode shows all the informations of the selected Collateral Account. Fields are not modifiable		Verify
<b>C Add mode 1.8</b>		
<i>With add mode is possible to insert a new Collateral Account</i>		
Precondition		
User enter on WICS Interface		Verify
User clicks on the add symbol		
Add mode shows all the fields needed to create a new Collateral Account		Verify
<b>C Add mode - Fields Values 1.9</b>		
<i>Check that fields types and values are correct</i>		
Precondition		
User enter on WICS Interface		Verify
User clicks on the add symbol and tries to modify values of fields		
Values respects types and range values of fields		Verify
<b>C Add mode -Saving 1.10</b>		
<i>User save the new transaction</i>		
Precondition		
User enter on WICS Interface		Verify
User fill all mandatory fields in add mode and save.		
New Collateral Account is on list		Verify

<b>C Delete mode 1.11</b>		
<i>User can click on "X" symbol and delete a Collateral Account</i>		
Precondition		
xy User enter on WICS Interface		Verify
xy User can click on "X" symbol and delete a Collateral Account		
xy Account disappears from Collateral Account list		Verify
<b>C Modify mode 1.12</b>		
<i>With modify mode it is possible to modify some fields of a Collateral Account</i>		
Precondition		
xy User enter on WICS Interface		Verify
xy User clicks on the pen symbol of a Collateral Account		
xy Modify mode shows all the informations of the selected Collateral Account. Some fields are modifiable		Verify
<b>C "+" symbol 1.13</b>		
<i>Left "+" symbol shows collateral account's linked external accounts</i>		
Precondition		
xy User enter on WICS Interface		Verify
xy User clicks on Left "+" on a row of a collateral account		
xy Collateral account's linked external accounts are showed		Verify
<b>C "+" symbol -&gt; Adding an external account 1.14</b>		
<i>User can enable an external account to the collateral account</i>		
Precondition		
xy User enter on WICS Interface and click on "+" symbol		Verify
xy User can enable an external account to the member. Status depends on Date		
xy User can enable an external account to the collateral account		Verify
<b>C "+" symbol -&gt; Deleting an external account 1.15</b>		
<i>User can delete an external account to the collateral account</i>		
Precondition		
xy User enter on WICS Interface and click on "+" symbol		Verify
xy User can delete an external account to the collateral account		
xy User can delete an external account to the collateral account		Verify
<b>C "+" symbol -&gt; Modifying an external account 1.16</b>		
<i>User can modify an external account to the collateral account</i>		
Precondition		

 User enter on WICS Interface and click on "+" symbol		Verify
 User can modify an external account to the collateral account. Status depends on Date		
 User can modify an external account to the collateral account		Verify

### Add mode (negative) 1.17

*When adding a new Collateral Account, it is not possible to select an inactive Clearing Agent*

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol and select an inactive Clearing Agent (marked with a 'D')		
 The system blocks the addition of the new Collateral Account		Verify

### Modify mode (negative) 1.18

*When modifying an existing Collateral Account, it is not possible to select an inactive Clearing Agent*

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the pen symbol of the Collateral Account and select an inactive Clearing Agent (marked with a 'D')		
 The system blocks the change of the Collateral Account		Verify

### Correct layout 1.1

*Verify that layout of functionality Master Files > Default Fund Participant Account is correct*

 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Master Files > Default Fund Participant Account		
 Layout of functionality is correct		Verify

### Filter DF Participant Account ID works correctly 1.2

*Verify that DF Participant Account ID filter works correctly*

 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Master Files > Default Fund Participant Account and use the filter		
 DF Participant Account ID filter works correctly		Verify

### Filter Account Description works correctly 1.3

*Verify that Account Descriptio filter works correctly*

 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Master Files > Default Fund Participant Account and use the filter		
 Account Description filter works correctly		Verify

<b>C Filter DF Account ID works correctly 1.4</b>		
<i>Verify that DF Account ID filter works correctly</i>		
Precondition		
User enter on WICS Interface		Verify
User open GUI and click on Master Files > Default Fund Participant Account and use the filter		
DF Account ID filter works correctly		Verify
<b>C Filter on Status works correctly for 'All' 1.5</b>		
<i>Verify that filter Status 'All' works correctly</i>		
Precondition		
User enter on WICS Interface		Verify
User open GUI and click on Master Files > DF Participant Account and use the filter		
All DF Participant Accounts are shown		Verify
<b>C Filter on Status works correctly for 'Active' 1.6</b>		
<i>Verify that filter Status 'Active' works correctly</i>		
Precondition		
User enter on WICS Interface		Verify
User open GUI and click on Master Files > DF Participant Account and use the filter		
Only active DF Participant Accounts are shown		Verify
<b>C Filter on Status works correctly for 'Inactive' 1.7</b>		
<i>Verify that filter Status 'Deactive' works correctly</i>		
Precondition		
User enter on WICS Interface		Verify
User open GUI and click on Master Files > DF Participant Account and use the filter		
Only inactive DF Participant Accounts are shown		Verify
<b>C View mode 1.8</b>		
<i>View mode shows all the informations of the selected DF Participant Account</i>		
Precondition		
User enter on WICS Interface		Verify
User clicks on the view symbol on a row of a member account		
View mode shows all the informations of the selected DF Participant Account. Fields are not modifiable		Verify
<b>C Add mode 1.9</b>		
<i>With add mode is possible to insert a new DF Participant Account</i>		
Precondition		
User enter on WICS Interface		Verify
User clicks on the add symbol		

 Add mode shows all the fields needed to create a new DF Participant Account		Verify
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### C Add mode - Fields Values 1.10

*Check that fields types and values are correct*

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol and tries to modify values of fields		
 Values respects types and range values of fields		Verify

### C Add mode -Saving 1.11

*User save the new transaction*

 Precondition		
 User enter on WICS Interface		Verify
 User fill all mandatory fields in add mode and save.		
 New DF Participant Account is on list		Verify

### C Delete mode 1.12

*User can click on "X" symbol and delete a DF Participant Account*

 Precondition		
 User enter on WICS Interface		Verify
 User can click on "X" symbol and delete a DF Participant Account		
 Account disappears from DF Participant Account list		Verify

### C Modify mode 1.13

*With modify mode is possible to modify some fields of a DF Participant Account*

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the pen symbol of a DF Participant Account		
 Modify mode shows all the informations of the selected DF Participant Account. Some fields are modifiable		Verify

### C Add mode (negative test for an inactive DF Account) 1.14

*When adding a new DF Participant Account, it is not possible to select an inactive DF Account*

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol and select an inactive DF Account (marked with a 'D')		
 The system blocks the addition of the new DF Participant Account		Verify

### C Modify mode (negative test for an inactive DF Account) 1.15

*When modifying an existing DF Participant Account, it is not possible to select an inactive DF Account*

 Precondition		
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 User enter on WICS Interface		Verify
 User clicks on the pen symbol of the DF Participant Account and select an inactive DF Account (marked with a 'D')		
 The system blocks the change of the DF Participant Account		Verify
<b>C Add mode (negative test for a Clearing Agent) 1.16</b>		
<i>When adding a new DF Participant Account, it is not possible to select an inactive Clearing Agent</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol and select an inactive Clearing Agent (marked with a 'D')		
 The system blocks the addition of the new DF Participant Account		Verify
<b>C Modify mode (negative test for a Clearing Agent) 1.17</b>		
<i>When modifying an existing DF Participant Account, it is not possible to select an inactive Clearing Agent</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the pen symbol of the DF Participant Account and select an inactive Clearing Agent (marked with a 'D')		
 The system blocks the change of the DF Participant Account		Verify
<b>C Correct layout 1.1</b>		
<i>Verify that layout of functionality Master Files &gt; Settlement Account</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Master Files > Settlement Account		
 Layout of functionality is correct		Verify
<b>C Filter Account ID works correctly 1.2</b>		
<i>Verify that Account ID filter works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Master Files > Settlement Account and use the filter		
 Account ID filter works correctly		Verify
<b>C Filter Description works correctly 1.3</b>		
<i>Verify that Description filter works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Master Files > Settlement Account and use the filter		
 Description filter works correctly		Verify

<b>C Filter Agent Code works correctly 1.4</b>		
<i>Verify that Agent Code filter works correctly</i>		
Precondition		
User enter on WICS Interface		Verify
User open GUI and click on Master Files > Settlement Account and use the filter		
Agent Code filter works correctly		Verify
<b>C Filter Cash Account Code works correctly 1.5</b>		
<i>Verify that Cash Account Code filter works correctly</i>		
Precondition		
User enter on WICS Interface		Verify
User open GUI and click on Master Files > Settlement Account and use the filter		
Cash Account Code filter works correctly		Verify
<b>C Filter Security Account Code works correctly 1.6</b>		
<i>Verify that Security Account Code filter works correctly</i>		
Precondition		
User enter on WICS Interface		Verify
User open GUI and click on Master Files > Settlement Account and use the filter		
Security Account Code filter works correctly		Verify
<b>C Filter on Status works correctly for 'All' 1.7</b>		
<i>Verify that filter Status 'All' works correctly</i>		
Precondition		
User enter on WICS Interface		Verify
User open GUI and click on Master Files > Settlement Account and use the filter		
All Settlement Accounts are shown		Verify
<b>C Filter on Status works correctly for 'Active' 1.8</b>		
<i>Verify that filter Status 'Active' works correctly</i>		
Precondition		
User enter on WICS Interface		Verify
User open GUI and click on Master Files > Settlement Account and use the filter		
Only active Settlement Accounts are shown		Verify
<b>C Filter on Status works correctly for 'Inactive' 1.9</b>		
<i>Verify that filter Status 'Deactive' works correctly</i>		
Precondition		
User enter on WICS Interface		Verify
User open GUI and click on Master Files > Settlement Account and use the filter		
Only inactive Settlement Accounts are shown		Verify

<b>C View mode 1.10</b>		
<i>View mode shows all the informations of the selected Settlement Account</i>		
Precondition		
User enter on WICS Interface		Verify
User clicks on the view symbol on a row of a member account		
View mode shows all the informations of the selected Settlement Account. Fields are not modifiable		Verify
<b>C Add mode 1.11</b>		
<i>With add mode is possible to insert a new Settlement Account</i>		
Precondition		
User enter on WICS Interface		Verify
User clicks on the add symbol		
Add mode shows all the fields needed to create a new Settlement Account		Verify
<b>C Add mode - Fields Values 1.12</b>		
<i>Check that fields types and values are correct</i>		
Precondition		
User enter on WICS Interface		Verify
User clicks on the add symbol and tries to modify values of fields		
Values respects types and range values of fields		Verify
<b>C Add mode -Saving 1.13</b>		
<i>User save the new transaction</i>		
Precondition		
User enter on WICS Interface		Verify
User fill all mandatory fields in add mode and save.		
New Settlement Account is on list		Verify
<b>C Delete mode 1.14</b>		
<i>User can click on "X" symbol and delete a Settlement Account</i>		
Precondition		
User enter on WICS Interface		Verify
User can click on "X" symbol and delete a Settlement Account		
Account disappears from Settlement Account list		Verify
<b>C Modify mode 1.15</b>		
<i>With modify mode is possible to modify some fields of a Settlement Account</i>		
Precondition		
User enter on WICS Interface		Verify
User clicks on the pen symbol of a Settlement Account		

 Modify mode shows all the informations of the selected Settlement Account. Some fields are modifiable		Verify
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### Add mode (negative test for Inactive CSD Code) 1.16

*When adding a new Settlement Account, it is not possible to select an inactive CSD code*

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol and select an inactive CSD code (marked with a 'D')		
 The system blocks the addition of the new Settlement Account		Verify

### Modify mode (negative test for Inactive CSD Code) 1.17

*When modifying an existing Settlement Account, it is not possible to select an inactive CSD code*

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the pen symbol of the Settlement Account and select an inactive CSD code (marked with a 'D')		
 The system blocks the change of the Settlement Account		Verify

### Add mode (negative test for Inactive Clearing Agent) 1.18

*When adding a new Settlement Account, it is not possible to select an inactive Clearing Agent*

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol and select an inactive Clearing Agent (marked with a 'D')		
 The system blocks the addition of the new Settlement Account		Verify

### Modify mode (negative test for Inactive Clearing Agent) 1.19

*When modifying an existing Settlement Account, it is not possible to select an inactive Clearing Agent*

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the pen symbol of the Settlement Account and select an inactive Clearing Agent (marked with a 'D')		
 The system blocks the change of the Settlement Account		Verify

### Correct layout 1.1

*Verify that layout of functionality Master Files > Position Account*

 Precondition		
 Layout of functionality is correct		Verify
 User open GUI and click on Master Files > Position Account		
 Layout of functionality is correct		Verify

<b>C Filter Participant Code works correctly 1.2</b>		
<i>Verify that Participant Code filter works correctly</i>		
 Precondition		
 Participant Code filter works correctly		Verify
 User open GUI and click on Master Files > Position Account and use the filter		
 Participant Code filter works correctly		Verify
<b>C Filter Account Code works correctly 1.3</b>		
<i>Verify that Account Code filter works correctly</i>		
 Precondition		
 Account Code filter works correctly		Verify
 User open GUI and click on Master Files > Position Account and use the filter		
 Account Code filter works correctly		Verify
<b>C Filter Position Account ID works correctly 1.4</b>		
<i>Verify that Position Account ID filter works correctly</i>		
 Precondition		
 Position Account ID filter works correctly		Verify
 User open GUI and click on Master Files > Position Account and use the filter		
 Position Account ID filter works correctly		Verify
<b>C Filter Account Description Code works correctly 1.5</b>		
<i>Verify that Account Description Code filter works correctly</i>		
 Precondition		
 Account Description Code filter works correctly		Verify
 User open GUI and click on Master Files > Position Account and use the filter		
 Account Description Code filter works correctly		Verify
<b>C Filter Collateral Account ID Code works correctly 1.6</b>		
<i>Verify that Collateral Account ID Code filter works correctly</i>		
 Precondition		
 Collateral Account ID Code filter works correctly		Verify
 User open GUI and click on Master Files > Position Account and use the filter		
 Collateral Account ID Code filter works correctly		Verify
<b>C Filter Settlement Account ID Code works correctly 1.7</b>		
<i>Verify that Settlement Account ID Code filter works correctly</i>		
 Precondition		
 Settlement Account ID Code filter works correctly		Verify
 User open GUI and click on Master Files > Position Account and use the filter		
 Settlement Account ID Code filter works correctly		Verify

<b>C Filter DFF Account ID Code works correctly 1.8</b>		
<i>Verify that DFF Account ID Code filter works correctly</i>		
 Precondition		
 DFF Account ID Code filter works correctly		Verify
 User open GUI and click on Master Files > Position Account and use the filter		
 DFF Account ID Code filter works correctly		Verify
<b>C Filter GCM Code Code works correctly 1.9</b>		
<i>Verify that GCM Code Code filter works correctly</i>		
 Precondition		
 GCM Code Code filter works correctly		Verify
 User open GUI and click on Master Files > Position Account and use the filter		
 GCM Code Code filter works correctly		Verify
<b>C Filter on Market Code works correctly - All Markets 1.10</b>		
<i>Verify that Market Code Filter 'blank' works correctly</i>		
 Precondition		
 All Position Accounts are shown		Verify
 User open GUI and click on Master Files > Position Account and use the filter		
 All Position Accounts are shown		Verify
<b>C Filter on Market Code works correctly - Vienna Market 1.11</b>		
<i>Verify that Market Code Filter '03 XVIE' works correctly</i>		
 Precondition		
 Only Position Accounts on Vienna Exchange are shown		Verify
 User open GUI and click on Master Files > Position Account and use the filter		
 Only Position Accounts on Vienna Exchange are shown		Verify
<b>C Filter on Market Code works correctly - Prague Market 1.12</b>		
<i>Verify that Market Code Filter '04 XPRA' works correctly</i>		
 Precondition		
 Only Position Accounts on Praga Exchange are shown		Verify
 User open GUI and click on Master Files > Position Account and use the filter		
 Only Position Accounts on Praga Exchange are shown		Verify
<b>C Filter on Status works correctly for 'All' 1.13</b>		
<i>Verify that filter Status 'All' works correctly</i>		
 Precondition		
 All Position Accounts are shown		Verify

 User open GUI and click on Master Files > Position Account and use the filter		
 All Position Accounts are shown		Verify
<b>C Filter on Status works correctly - for 'Active' 1.14</b>		
<i>Verify that filter Status 'Active' works correctly</i>		
 Precondition		
 Only active Position Accounts are shown		Verify
 User open GUI and click on Master Files > Position Account and use the filter		
 Only active Position Accounts are shown		Verify
<b>C Filter on Status works correctly - for 'Inactive' 1.15</b>		
<i>Verify that filter Status 'Deactive' works correctly</i>		
 Precondition		
 Only inactive Position Accounts are shown		Verify
 User open GUI and click on Master Files > Position Account and use the filter		
 Only inactive Position Accounts are shown		Verify
<b>C View mode 1.16</b>		
<i>View mode shows all the informations of the selected Position Account</i>		
 Precondition		
 View mode shows all the informations of the selected Position Account. Fields are not modifiable		Verify
 User clicks on the view symbol on a Position Account		
 View mode shows all the informations of the selected Position Account. Fields are not modifiable		Verify
<b>C Add mode 1.17</b>		
<i>With add mode is possible to insert a new Position Account</i>		
 Precondition		
 Add mode shows all the fields needed to create a new Position Account		Verify
 User clicks on the add symbol		
 Add mode shows all the fields needed to create a new Position Account		Verify
<b>C Add mode - Fields Values 1.18</b>		
<i>Check that fields types and values are correct</i>		
 Precondition		
 Values respects types and range values of fields		Verify
 User clicks on the add symbol and tries to modify values of fields		
 Values respects types and range values of fields		Verify

<b>C Add mode -Saving 1.19</b>		
<i>User save the new transaction</i>		
 Precondition		
 New Position Account is on list		Verify
 User fill all mandatory fields in add mode and save.		
 New Position Account is on list		Verify
<b>C Delete mode 1.20</b>		
<i>User can click on "X" symbol and delete a Position Account</i>		
 Precondition		
 Account disappears from Position Account list		Verify
 User can click on "X" symbol and delete a Position Account		
 Account disappears from Position Account list		Verify
<b>C Modify mode 1.21</b>		
<i>With modify mode is possible to modify some fields of a Position Account</i>		
 Precondition		
 Modify mode shows all the informations of the selected Position Account. Some fields are modifiable		Verify
 User clicks on the pen symbol of a Position Account		
 Modify mode shows all the informations of the selected Position Account. Some fields are modifiable		Verify
<b>C Add mode (Negative Test for Inactive Collateral Account) 1.22</b>		
<i>When adding a new Position Account, it is not possible to select an inactive Collateral Account ID</i>		
 Precondition		
 The system blocks the addition of the new Position Account		Verify
 User clicks on the add symbol and select an inactive Collateral Account ID (marked with a 'D')		
 The system blocks the addition of the new Position Account		Verify
<b>C Modify mode (Negative Test for Inactive Collateral Account) 1.23</b>		
<i>When modifying an existing Position Account, it is not possible to select an inactive Collateral Account ID</i>		
 Precondition		
 The system blocks the change of the Position Account		Verify
 User clicks on the pen symbol of the Position Account and selects an inactive Collateral Account ID (marked with a 'D')		
 The system blocks the change of the Position Account		Verify
<b>C Add mode (Negative Test for Inactive Settlement Account ID) 1.24</b>		
<i>When adding a new Position Account, it is not possible to select an inactive Settlement Account ID</i>		

 Precondition		
 The system blocks the addition of the new Position Account		Verify
 User clicks on the add symbol and selects an inactive Settlement Account ID (marked with a 'D')		
 The system blocks the addition of the new Position Account		Verify

### Modify mode (Negative Test for Inactive Settlement Account ID) 1.25

*When modifying an existing Position Account, it is not possible to select an inactive Settlement Account ID*

 Precondition		
 The system blocks the change of the Position Account		Verify
 User clicks on the pen symbol of the Position Account and selects an inactive Settlement Account ID (marked with a 'D')		
 The system blocks the change of the Position Account		Verify

### Add mode (Negative Test for Inactive DF Account ID) 1.26

*When adding a new Position Account, it is not possible to select an inactive DFF Account ID*

 Precondition		
 The system blocks the addition of the new Position Account		Verify
 User clicks on the add symbol and selects an inactive DFF Account ID (marked with a 'D')		
 The system blocks the addition of the new Position Account		Verify

### Modify mode (Negative Test for Inactive DF Account ID) 1.27

*When modifying an existing Position Account, it is not possible to select an inactive DFF Account ID*

 Precondition		
 The system blocks the change of the Position Account		Verify
 User clicks on the pen symbol of the Position Account and selects an inactive DFF Account ID (marked with a 'D')		
 The system blocks the change of the Position Account		Verify

### Add mode (Negative Test for DC type and GCM Code<> Participant Code) 1.28

*When adding a new Position Account and selecting 'DC Direct Client' as Membership type, the GCM code has to be equal to Participant Code*

 Precondition		
 The system blocks the addition of the new Position Account		Verify
 User clicks on the add symbol, selects 'DC Direct Client' as Membership type and selects a different GCM code from Participant Code		
 The system blocks the addition of the new Position Account		Verify

<b>C Modify mode (Negative Test for DC type and GCM Code&lt;&gt; Participant Code) 1.29</b>		
<i>When modifying an existing Position Account and selecting 'DC Direct Client' as Membership type, the GCM code has to be equal to Participant Code</i>		
Precondition		
 The system blocks the change of the new Position Account		Verify
 User clicks on the pen symbol of the Position Account, selects 'DC Direct Client' as Membership type and selects a different GCM code from Participant Code		
 The system blocks the change of the new Position Account		Verify
<b>C Add mode (Negative Test for GCM type and GCM Code&lt;&gt; Participant Code) 1.30</b>		
<i>When adding a new Position Account and selecting 'GC General Clearing Member' as Membership type, the GCM code has to be equal to Participant Code</i>		
Precondition		
 The system blocks the addition of the new Position Account		Verify
 User clicks on the add symbol, selects 'GC General Clearing Member' as Membership type and selects a different GCM code from Participant Code		
 The system blocks the addition of the new Position Account		Verify
<b>C Modify mode (Negative Test for GCM type and GCM Code&lt;&gt; Participant Code) 1.31</b>		
<i>When modifying an existing Position Account and selecting 'GC General Clearing Member' as Membership type, the GCM code has to be equal to Participant Code</i>		
Precondition		
 The system blocks the change of the new Position Account		Verify
 User clicks on the pen symbol of the Position Account, selects 'GC General Clearing Member' as Membership type and selects a different GCM code from Participant Code		
 The system blocks the change of the new Position Account		Verify
<b>C Correct layout 1.1</b>		
<i>Verify that layout of functionality Master Files &gt; Default Fund Account is correct</i>		
Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Master Files > Default Fund Account		
 Layout of functionality is correct		Verify
<b>C Filter DF Account ID works correctly 1.2</b>		
<i>Verify that DF Account ID filter works correctly</i>		
Precondition		
 User enter on WICS Interface		Verify

 User open GUI and click on Master Files > Default Fund Account and use the filter		
 DF Account ID filter works correctly		Verify
<b>C Filter Account Description works correctly 1.3</b>		
<i>Verify that Account Description filter works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Master Files > Default Fund Account and use the filter		
 Account Description filter works correctly		Verify
<b>C Filter on Status works correctly for 'All' 1.4</b>		
<i>Verify that filter Status 'All' works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Master Files > Default Fund Account and use the filter		
 All default fund accounts are shown		Verify
<b>C Filter on Status works correctly for 'Active' 1.5</b>		
<i>Verify that filter Status 'Active' works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Master Files > Default Fund Account and use the filter		
 Only active default fund accounts are shown		Verify
<b>C Filter on Status works correctly for 'Inactive' 1.6</b>		
<i>Verify that filter Status 'Inactive' works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Master Files > Default Fund Account and use the filter		
 Only inactive default fund accounts are shown		Verify
<b>C View mode 1.7</b>		
<i>View mode shows all the informations of the selected DF account</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the view symbol on a row of a member account		
 View mode shows all the informations of the selected DF account. Fields are not modifiable		Verify
<b>C Add mode 1.8</b>		
<i>With add mode is possible to insert a new DF Account</i>		
 Precondition		
 User enter on WICS Interface		Verify

 User clicks on the add symbol		
 Add mode shows all the fields needed to create a new DF Account		Verify
<b>C Add mode - Fields Values 1.9</b>		
<i>Check that fields types and values are correct</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol and tries to modify values of fields		
 Values respects types and range values of fields		Verify
<b>C Add mode -Saving 1.10</b>		
<i>User save the new transaction</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User fill all mandatory fields in add mode and save.		
 New DF Account is on list		Verify
<b>C Delete mode 1.11</b>		
<i>User can click on "X" symbol and delete a DF Account</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User can click on "X" symbol and delete a DF Account		
 Account disappears from DF Account list		Verify
<b>C Modify mode 1.12</b>		
<i>With modify mode is possible to modify some fields of a DF Account</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the pen symbol of a DF Account		
 Modify mode shows all the informations of the selected DF Account. Some fields are modifiable		Verify
<b>C Correct date update 1.13</b>		
<i>Verify that required amount changes implicate required update date changes</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the pen symbol of a DF Account and modify value of required amount		
 Value of required update date changes automatically		Verify
<b>C FN00008455 Position Account ID varchar(4)</b>		
<i>Position Account ID varchar(4)</i>		
 Precondition		
 User enters into WICS and adds a new Position Account		Verify

 Position Account ID is identified by a unique code composed of a 4 alpha-numeric characters		
 Position Account ID longer than 4 characters are not allowed		Verify

 RQ00008453 Trade on different markets		
<i>Trade on different markets</i>		
 Precondition		
 Trades executed on different markets		Verify
 A single Position Account collects and maintains trading positions on instruments listed on a single market		
 Trades executed on different markets are posted to different Position Accounts		Verify

 RQ00008450 Position Account with trade on multiple currencies		
<i>Position Account with trade on multiple currencies</i>		
 Precondition		
 Trading positions on instruments traded and settled in multiple currencies		Verify
 A single Position Account collects and maintains trading positions on instruments traded and settled in multiple currencies		
 Check that a single Position Account collects and maintains trading positions on instruments traded and settled in multiple currencies		Verify

 FN00008454 update of Position Account with trade events		
<i>update of Position Account with trade events</i>		
 Precondition		
 Trade capture events		Verify
 Position Account is automatically updated in real-time		
 Check that the Position Account is automatically updated in real-time		Verify

 FN00008454 update of Position Account with settlement events		
<i>update of Position Account with settlement events</i>		
 Precondition		
 Settlement events		Verify
 Position Account is automatically updated in real-time		
 Check that the Position Account is automatically updated in real-time		Verify

 FN00008454 update of Position Account with corporate actions		
<i>update of Position Account with corporate actions</i>		
 Precondition		
 Corporate Actions with automatic handling		Verify
 Position Account is automatically updated		

 Check that the Position Account is automatically updated		Verify
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 FN00008454 manual updates of Position Account	<i>manual updates of Position Account</i>	
 Precondition		
 Direct position modifications/adjustments or trade modifications		Verify
 Position Account is manually updated		
 Check that the Position Account can be manually updated		Verify

 FN00008452 More Position accounts with one Margin Account	<i>More Position accounts with one Margin Account</i>	
 Precondition		
 Position Accounts having the same Margin Account ID, i.e. same Participant Code and Margin Group		Verify
 Position Accounts having the same Margin Account ID contribute to the same margin requirement figure		
 Check that the Position Accounts having the same Margin Account ID contribute to the same margin requirement figure		Verify

 FN00008447 multiple Position Accounts with a unique settlement account	<i>multiple Position Accounts with a unique settlement account</i>	
 Precondition		
 Multiple Position Accounts having the same market		Verify
 Multiple Position Accounts having the same market can be grouped into a unique Settlement Account		
 Check that multiple Position Accounts having the same market can be grouped into a unique Settlement Account		Verify

 FN00008448 Account category for Registered Client	<i>Account category for Registered Client</i>	
 Precondition		
 Existing Registered Client linked to a Participant (GCM, DCM, NCM)		Verify
 In case of a Registered Client, the account category is 'C - Client'		
 Check that, in case of a Registered Client, the only possible account category is 'C - Client'		Verify

 FN00008451 Non Clearing Members can have Position Accounts with different General Clearing Members	<i>Non Clearing Members can have Position Accounts with different General Clearing Members</i>	
 Precondition		
 Non Clearing Members on different markets		Verify

 Check that, if a Non Clearing Member is on different markets, it can have Position Accounts with different General Clearing Members		Verify
<b>C FN00008456 Margin account ID varchar(9)</b>		
<i>Margin account ID varchar(9)</i>		
 Precondition		
 User enters into WICS		Verify
 Each Margin Account is identified by an unique "Margin Account ID" composed of 9 alpha-numeric characters		
 Margin Account ID longer than 9 characters are not allowed		Verify
<b>C FN00006334 Positions having the same Margin Account ID</b>		
<i>Positions having the same Margin Account ID</i>		
 Precondition		
 User enters into WICS		Verify
 The Margin Account is associated to a Position Account in a [1,n] relationship where "n" is the number of markets on which the Participant is active.		
 Positions having the same Margin Account ID contribute to the same margin requirement figure		Verify
<b>C FN00008460 Margin Aggregated calculation</b>		
<i>Margin Aggregated calculation</i>		
 Precondition		
 positions having the same Margin Account ID contribute to the same margin requirement figure		Verify
 Verify if the system calculates an aggregated margin requirement figure		
 Positions aggregated at Margin Account level produce an aggregated Margin Requirement figure.		Verify
<b>C RQ00008458 Currency of the mirgin requirement</b>		
<i>Currency of the mirgin requirement</i>		
 Precondition		
 Different currencies between currency of negotiation and Clearing Currency		Verify
 The "Clearing Currency" determines the currency in which the Margin Requirements are calculated.		
 The currency used for the margin requirement is equal to the Clearing Currency		Verify
<b>C FN00008457 Positions corresponding to financial instruments having same ISIN and Currency and different Market produce a single margin requirement;</b>		
<i>Positions corresponding to financial instruments having same ISIN and Currency and different Market produce a single margin requirement;</i>		
 Precondition		
 Multicurrency/Multimarket Cross Margining		Verify

 Verify if the positions corresponding to financial instruments having same ISIN and Currency and different Market are netted into a single position, producing a single margin requirement;		
 Positions corresponding to financial instruments having same ISIN and Currency and different Market produce a single margin requirement;		Verify
<b>C FN00008457 Positions corresponding to financial instruments having same ISIN, different Currency and different Market produce a single margin requirement;</b>		
<i>Positions corresponding to financial instruments having same ISIN, different Currency and different Market produce a single margin requirement;</i>		
 Precondition		
 Multicurrency/Multimarket Cross Margining		Verify
 Verify if the positions corresponding to financial instruments having same ISIN, different Currency and different Market are netted into a single position, producing a single margin requirement;		
 Positions corresponding to financial instruments having same ISIN, different Currency and different Market produce a single margin requirement;		Verify
<b>C FN00008457 Worst scenario for cross margin</b>		
<i>Worst scenario for cross margin</i>		
 Precondition		
 Multicurrency/Multimarket Cross Margining		Verify
 The worst scenario is calculated over the following factors: price variation and currency variation		
 The system calculates the worst scenario		Verify
<b>C FN00008461 External Collateral Accounts varchar(9)</b>		
<i>External Collateral Accounts varchar(9)</i>		
 Precondition		
 User enters into WICS and adds a new External Collateral Account		Verify
 Each External Collateral Account is identified by a unique External Collateral Account ID composed of 9 alpha-numeric characters		
 External Collateral Accounts longer than 9 characters are not allowed		Verify
<b>C FN00008465 Collateral Accounts varchar(9)</b>		
<i>Collateral Accounts varchar(9)</i>		
 Precondition		
 User enters into WICS and adds a new Collateral Account		Verify
 Each Collateral Account is identified by a unique Collateral Account ID composed of 9 alpha-numeric characters		
 Collateral Accounts longer than 9 characters are not allowed		Verify

<b>C FN00008464 One collateral account with multiple margin accounts</b>		
<i>One collateral account with multiple margin accounts</i>		
 Precondition		
 User enters into WICS		Verify
 Verify if a single Collateral Account can be associated to multiple Margin Accounts in a [1,n] relationship.		
 a single Collateral Account can be associated to multiple Margin Accounts in a [1,n] relationship.		Verify
<b>C FN00008464 The "Clearing Currency" is the currency used in the Collateral Account evaluation process</b>		
<i>The "Clearing Currency" is the currency used in the Collateral Account evaluation process</i>		
 Precondition		
 A Clearing Currency has been specified for a specific collateral account		Verify
 Verify if the "Clearing Currency" is the currency used in the Collateral Account evaluation process		
 The "Clearing Currency" is the currency used in the Collateral Account evaluation process		Verify
<b>C FN00008469 Collateral Account with External Cash Accounts in multiple currencies</b>		
<i>Collateral Account with External Cash Accounts in multiple currencies</i>		
 Precondition		
 External Cash Accounts in multiple currencies		Verify
 A Collateral Account can aggregate External Cash Accounts in multiple currencies		
 Check that a Collateral Account can aggregate External Cash Accounts in multiple currencies		Verify
<b>C FN00008469 Collateral Account with External Security Accounts in multiple currencies</b>		
<i>Collateral Account with External Security Accounts in multiple currencies</i>		
 Precondition		
 External Security Accounts in multiple currencies		Verify
 A Collateral Account can aggregate External Security Accounts in multiple currencies		
 Check that a Collateral Account can aggregate External Security Accounts in multiple currencies		Verify
<b>C FN00008468 Cash Call calculation</b>		
<i>Cash Call calculation</i>		
 Precondition		
 Cash Call calculation		Verify
 Verify if the Cash Call is calculated comparing the Collateral Account evaluation outcome with the sum of the connected Margin Accounts		
 The Cash Call is calculated comparing the Collateral Account evaluation outcome with the sum of the connected Margin Accounts		Verify

<b>C FN00006344 Settlement Accounts varchar(9)</b>		
<i>Settlement Accounts varchar(9)</i>		
 Precondition		
 User enters into WICS and adds a new Settlement Account		Verify
 Each Settlement Account is identified by a unique Settlement Account ID composed of 9 alpha-numeric characters		
 Settlement Accounts longer than 9 characters are not allowed		Verify
<b>C FN00008470 Multiple Position Accounts connected to the same Settlement Account</b>		
<i>Multiple Position Accounts connected to the same Settlement Account</i>		
 Precondition		
 Multiple Position Accounts connected to the same Settlement Account		Verify
 Position Accounts connected to the same Settlement Account can belong to the same GCM including also linked NCMs, the same DCM, the same NCM		
 Check that Position Accounts connected to the same Settlement Account can belong to the same GCM including also linked NCMs, the same DCM, the same NCM		Verify
<b>C FN00006344 DF Participant Accounts varchar(9)</b>		
<i>DF Participant Accounts varchar(9)</i>		
 Precondition		
 User enters into WICS and adds a new Default Fund Participant Account		Verify
 Each Default Fund Participant Account is identified by a unique DF Participant Account ID composed of 9 alpha-numeric characters		
 DF Participant Accounts longer than 9 characters are not allowed		Verify
<b>C FN00008473 Each participant has 1 Default Fund Participant Account</b>		
<i>Each participant has 1 Default Fund Participant Account</i>		
 Precondition		
 Each participant has 1 Default Fund Participant Account		Verify
 Verify if Default Fund Participant Contribution maintains information of the participant default fund, minimum quota ad dynamic quota of the default fund.		
 The Default Fund Participant Contribution maintains information of the participant default fund, minimum quota ad dynamic quota of the default fund.		Verify
<b>C Correct layout 1.1</b>		
<i>Verify that layout of functionality Collateral Management &gt; Collateral Accounts Balance Items is correct</i>		

 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Collateral Accounts Balance Items		
 Layout of functionality is correct		Verify

### Filter Collateral Account works correctly 1.2

*Verify that Collateral Account filter works correctly*

 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Collateral Accounts Balance Items and use the filter		
 Collateral account filter works correctly		Verify

### Filter ISIN works correctly 1.3

*Verify that ISIN filter works correctly*

 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Collateral Accounts Balance Items and use the filter		
 ISIN filter works correctly		Verify

### Filter C/S works correctly 1.4

*Verify that C/S filter works correctly*

 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Collateral Accounts Balance Items and use the filter		
 C/S filter works correctly		Verify

### Filter Maturity Date works correctly 1.5

*Verify that Maturity Date filter works correctly*

 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Collateral Accounts Balance Items and use the filter		
 Maturity Date filter works correctly		Verify

### Filter Currency works correctly 1.6

*Verify that Currency filter works correctly*

 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Collateral Accounts Balance Items and use the filter		

 Currency filter works correctly		Verify
<b>C " +" symbol 1.7</b>		
<i>" +" symbol shows all the movements registerend in the external accounts related to the internal account</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User clicks on "+" on a row of an internal account		
 All the movements registered in the external accounts of the internal account are showed		Verify
<b>C View mode 1.8</b>		
<i>View mode shows all the informations related to a deposit/withdrawal in a selected Internal account</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the view symbol on a row of an internal account		
 View mode shows all the informations of the selected internal account. Fields are not modifiable		Verify
<b>C Add mode 1.9</b>		
<i>With add mode is possible to insert manually collateral in case of problem with the reception of the file sent by CSD</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol		
 Add mode shows all the informations of the deposit/withdrawal. Fields are modifiable		Verify
<b>C Add mode - New Cash Deposit 1.10</b>		
<i>With add mode is possible to insert manually a collateral deposit in case of problem with the reception of the file sent by CSD</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol and selects Type of Collateral Cash/ operation Deposit. Only fields regarding Cash are mandatory		
 User save the new Cash Deposit operation		Verify
<b>C Add mode - New Security Deposit 1.11</b>		
<i>With add mode is possible to insert manually collateral deposit in case of problem with the reception of the file sent by CSD</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol and selects Type of Collateral Securities/ operation Deposit. Only fields regarding Cash are mandatory		
 User save the new Securities Deposit operation		Verify
<b>C Add mode - New Cash Withdrawal 1.12</b>		
<i>With add mode is possible to insert manually cash withdrawal in case of problem with the reception of the file sent by CSD</i>		

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol and selects Type of Collateral Cash/ operation Withdrawal. Only fields regarding Cash are mandatory		
 User save the new Cash Withdrawal operation		Verify

### C Add mode - New Security Withdrawal 1.13

*With add mode is possible to insert manually collateral withdrawal in case of problem with the reception of the file sent by CSD*

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol and selects Type of Collateral Security/ operation Withdrawal. Only fields regarding Securities are mandatory		
 User save the new Cash Withdrawal operation		Verify

### C Add mode - Fields Values 1.14

*Check that fields types and values are correct*

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol and tries to modify values of fields		
 Values respects types and range values of fields		Verify

### C Add mode - Fields Maturity Date,Currency,last price and ISIN Haircut Values 1.15

*Check fields automatically filled*

 Precondition		
 User enter on WICS Interface		Verify
 In case of collateral deposit/withdraw user checks if the fields "Maturity Date", "Currency", "last price" and "ISIN Haircut", automatically filled, are correct		
 Values respects data related to a specific ISIN		Verify

### C Add mode - Field Margin Requirement Value 1.16

*Check field "Margin Requirements"*

 Precondition		
 User enter on WICS Interface		Verify
 Check that field "Margin Requirements" is equal to the amount requested for a specific Collateral Account		
 Values respects the Initial Margin required to the Collateral Account		Verify

### C Add mode - Field Balance Value 1.17

*Check all fields with the BALANCE*

 Precondition		
 User enter on WICS Interface		Verify
 Check that all the fields with "Balance" are correctly calculated		

 Balance Values are calculated correctly		Verify
<b>C Add mode -Saving 1.18</b>		
<i>User save the new transaction</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User fill all fields in add mode and save.		
 New collateral is on list of "Collateral Account Balance Item" and "Collateral transaction LOGS"		Verify
<b>C Add mode -Saving - New transaction displayed 1.19</b>		
<i>New transaction correctly displayed in "Collateral Account Balance Items"</i>		
 Precondition		
 User enter on WICS Interface		Verify
 New transaction correctly displayed in list "Collateral Account Balance Items"		
 New collateral is on list of "Collateral Account Balance Item" and "Collateral transaction LOGS"		Verify
<b>C Filter Collateral Account works correctly 1.20</b>		
<i>Verify that Collateral Account filter works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Collateral Transaction LOG and use the filter		
 Collateral account filter works correctly		Verify
<b>C Filter ISIN works correctly 1.21</b>		
<i>Verify that ISIN filter works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Collateral Transaction LOG and use the filter		
 ISIN filter works correctly		Verify
<b>C Filter C/S works correctly 1.22</b>		
<i>Verify that C/S filter works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Collateral Transaction LOG and use the filter		
 C/S filter works correctly		Verify
<b>C Filter Maturity Date works correctly 1.23</b>		
<i>Verify that Maturity Date filter works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Collateral Transaction LOG and use the filter		

 Maturity Date filter works correctly		Verify
<b>C External account transactions 1.24</b>		
<i>Check that values of the transactions are the same of the "+" functionality on Collateral Accounts Balance Items</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Collateral Transaction LOG		
 Mask shows all external operations on a collateral account of the last day		Verify
<b>C External account transactions - View Mode 1.25</b>		
<i>View mode shows all the informations related to a specific Deposit/Withdrawal</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the view symbol on a row of an internal account		
 View mode shows all the informations of the selected deposit/withdrawal. Fields are not modifiable		Verify
<b>C Correct layout 1.26</b>		
<i>Verify that layout of functionality Collateral Management &gt; Maintenance Elegible Instruments is correct</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Maintenance Elegible Instruments		
 Layout of functionality is correct		Verify
<b>C Filter ISIN works correctly 1.27</b>		
<i>Verify that ISIN filter works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Maintenance Elegible Instruments and use the filter		
 ISIN filter works correctly		Verify
<b>C Filter Description works correctly 1.28</b>		
<i>Verify that Description filter works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Maintenance Elegible Instruments and use the filter		
 Description filter works correctly		Verify
<b>C Filter Product Type works correctly 1.29</b>		
<i>Verify that Product Type filter works correctly</i>		
 Precondition		

 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Maintenance Eligible Instruments and use the filter		
 Product Type filter works correctly		Verify
<b>C Filter Status works correctly 1.30</b>		
<i>Verify that Status filter works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Maintenance Eligible Instruments and use the filter		
 Status filter works correctly		Verify
<b>C Filter Collateral Class works correctly 1.31</b>		
<i>Verify that Collateral Class filter works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Maintenance Eligible Instruments and use the filter		
 Collateral Class filter works correctly		Verify
<b>C Filter Liquidity Class works correctly 1.32</b>		
<i>Verify that Liquidity Class filter works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Maintenance Eligible Instruments and use the filter		
 Liquidity Class filter works correctly		Verify
<b>C Filter Issuer Group works correctly 1.33</b>		
<i>Verify that Issuer Group filter works correctly</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Maintenance Eligible Instruments and use the filter		
 Issuer Group filter works correctly		Verify
<b>C View mode 1.34</b>		
<i>View mode shows all the informations of the selected Eligible Instrument</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the view symbol on a row of an Eligible Instrument		

 View mode shows all the informations of the selected Eligible Instrument. Fields are not modifiable		Verify
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## C Add mode 1.35

*With add mode is possible to insert a new Eligible Instrument*

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol		
 Add mode shows all the informations of the selected internal account. Fields are modifiable		Verify

## C Add mode - Values from BCE instruments 1.36

*ISIN field is a picklist of selectable BCE instruments*

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol and open the picklist ISIN		
 Selecting an ISIN of BCE instruments list, some values are populated with values taken from BCE list		Verify

## C Add mode - Fields Values 1.37

*Check that fields types and values are correct*

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the add symbol and tries to modify values of fields		
 Values respects types and range values of fields		Verify

## C Add mode -Saving 1.38

*User save the new instrument. Instrument is on list of eligible instrument*

 Precondition		
 User enter on WICS Interface		Verify
 User fill all fields in add mode and save.		
 New instrument is available on list		Verify

## C Delete mode 1.39

*User can click on "X" symbol and delete an Eligible Instrument*

 Precondition		
 User enter on WICS Interface		Verify
 User can click on "X" symbol and delete an Eligible Instrument		
 Instrument disappears from Eligible Instrument list		Verify

## C Modify mode 1.40

*With modify mode is possible to modify some fields of Eligible Instrument*

 Precondition		
 User enter on WICS Interface		Verify

 User clicks on the pen symbol of an Eligible Instrument		
 Modify mode shows all the informations of the selected Eligible Instruments. Some fields are modifiable		Verify

### C Add mode -Saving - New instrument is on list 1.41

*User saves the modified instrument. Modified fields are available with the new value*

 Precondition		
 User enter on WICS Interface		Verify
 User fills all fields in modify mode and save		
 New values of fields are available in the instrument		Verify

### C Correct layout 1.42

*Verify that layout of functionality Collateral Management > BCE Elegible Instruments*

 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > BCE Elegible Instruments		
 Layout of functionality is correct		Verify

### C Filter ISIN works correctly 1.43

*Verify that ISIN filter works correctly*

 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > BCE Elegible Instruments and use the filter		
 ISIN filter works correctly		Verify

### C Filter Liquidity works correctly 1.44

*Verify that Liquidity filter works correctly*

 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > BCE Elegible Instruments and use the filter		
 Liquidity filter works correctly		Verify

### C Filter Issuer Group works correctly 1.45

*Verify that Issuer group filter works correctly*

 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > BCE Elegible Instruments and use the filter		
 Issuer Group filter works correctly		Verify

### C View mode 1.46

*View mode shows all the informations of the selected BCE Eligible Instrument*

 Precondition		
 User enter on WICS Interface		Verify

 User clicks on the view symbol on a row of an Eligible Instrument		
 View mode shows all the informations of the selected BCE Eligible Instrument. Fields are not modifiable		Verify

## C Correct layout 1.47

Verify that layout of functionality Collateral Management > Collateral Class Default

 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management >Collateral Class Default		
 Layout of functionality is correct		Verify

## C Filter Collateral Class works correctly 1.48

Verify that Collateral Class filter works correctly

 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Collateral Class Default and use the filter		
 Collateral Class Default filter works correctly		Verify

## C Add mode -Saving 1.49

User save the new Collateral Class.

 Precondition		
 User enter on WICS Interface		Verify
 User fill all fields in add mode and save.		
 New Collateral Class is available on list		Verify

## C Delete mode 1.50

User can click on "X" symbol and delete an Collateral Class

 Precondition		
 User enter on WICS Interface		Verify
 User can click on "X" symbol and delete a Collateral Class		
 Instrument disappears from Collateral Class list		Verify

## C Modify mode 1.51

With modify mode is possible to modify some fields of Collateral Class

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the pen symbol of a Collateral Class		
 Modify mode shows all the informations of the selected Collateral Class. Some fields are modifiable		Verify

## C View mode 1.52

View mode shows all the informations of the selected Collateral Class

 Precondition		
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 User enter on WICS Interface		Verify
 User clicks on the view symbol on a row of a Collateral Class		
 View mode shows all the informations of the selected Collateral Class. Fields are not modifiable		Verify

## C Correct layout 1.53

Verify that layout of functionality Collateral Management > Issuer Group Default

 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Issuer Group Default		
 Layout of functionality is correct		Verify

## C Filter Issuer Group works correctly 1.54

Verify that Issuer Group filter works correctly

 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Issuer Group Default and use the filter		
 Issuer Group filter works correctly		Verify

## C Add mode -Saving 1.55

User save the new Issuer Group.

 Precondition		
 User enter on WICS Interface		Verify
 User fill all fields in add mode and save.		
 New Issuer Group is available on list		Verify

## C Delete mode 1.56

User can click on "X" symbol and delete an Issuer Group

 Precondition		
 User enter on WICS Interface		Verify
 User can click on "X" symbol and delete a Issuer Group		
 Instrument disappears from Issuer Group list		Verify

## C Modify mode 1.57

With modify mode is possible to modify some fields of Issuer Group

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the pen symbol of a Issuer Group		
 Modify mode shows all the informations of the selected Issuer Groups. Some fields are modifiable		Verify

## C View mode 1.58

View mode shows all the informations of the selected Issuer Group

 Precondition		
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 User enter on WICS Interface		Verify
 User clicks on the view symbol on a row of a Issuer Group		
 View mode shows all the informations of the selected Issuer Group. Fields are not modifiable		Verify

## Correct layout 1.59

Verify that layout of functionality Collateral Management > Security Concentration Policy

 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management >Security Concentration Policy		

Layout of functionality is correct

Verify

## Filter Security ID works correctly 1.60

Verify that Security ID filter works correctly

 Precondition		
 User enter on WICS Interface		Verify
 User open GUI and click on Collateral Management > Security Concentration Policy and use the filter		

Security ID filter works correctly

Verify

## Add mode -Saving 1.61

User save a new Security Concentration Policy. The new Policy is on list

 Precondition		
 User enter on WICS Interface		Verify
 User fill all fields in add mode and save.		

New Policy is available on list

Verify

## Delete mode 1.62

User can click on "X" symbol and delete the Security Concentration Policy

 Precondition		
 User enter on WICS Interface		Verify
 User can click on "X" symbol and delete the Security Concentration Policy		

Security Concentration Limit disappears from list

Verify

## Modify mode 1.63

With modify mode is possible to modify limit value of Security Concentration Policy

 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the pen symbol of the policy		
 Modify mode shows all the informations of the selected Concentration Policy. Limit value is modifiable		Verify

## View mode 1.64

View mode shows all the informations of the selected Security Concentration Policy

 Precondition		
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 User enter on WICS Interface		Verify
 User clicks on the view symbol		
 View mode shows all the informations of the Security Concentration Policy. Fields are not modifiable		Verify

### C Correct layout 1.1

*Verify that layout of functionality Master Files > Financial Instruments*

 User open GUI and click on Master Files > Financial Instruments		
 Layout of functionality is correct		Verify

### C Filter Class Symbol works correctly 1.2

*Verify that Class Symbol filter works correctly*

 User open GUI and click on Master Files > Financial Instruments and use the filter		
 Class Symbol filter works correctly		Verify

### C Filter Class Symbol works correctly 1.3

*Verify that Trading Exchange 1 filter works correctly*

 User open GUI and click on Master Files > Financial Instruments and use the filter		
 Trading Exchange 1 filter works correctly		Verify

### C Filter U/I Cusip works correctly 1.4

*Verify that U/I Cusip filter works correctly*

 User open GUI and click on Master Files > Financial Instruments and use the filter		
 U/I Cusip filter works correctly		Verify

### C View mode 1.5

*View mode shows all the informations of the selected Financial Instrument*

 User clicks on the view symbol on a row of a Financial Instrument		
 View mode shows all the informations of the selected Financial Instrument. Fields are not modifiable		Verify

### C Delete mode 1.6

*User can click on "X" symbol and delete a Financial Instrument*

 User can click on "X" symbol and delete a Financial Instrument from the list		
 Instrument disappears from Financial Instrument list		Verify

### C Modify mode 1.7

*With modify mode is possible to modify some fields of a Financial Instrument*

 User clicks on the pen symbol of a Financial Instrument		
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 Modify mode shows all the informations of the selected Financial Instrument. Some fields are modifiable		Verify
<b>C Export To CSV - "," separator 1.8</b>		
<i>User can export Financial Instruments to a CSV file with "," separator</i>		
 User clicks on "Export to CSV" and select "," separator		
 Financial Instruments exported to CSV file with "," separator		Verify
<b>C Export To CSV - ";" separator 1.9</b>		
<i>User can export Financial Instruments to a CSV file with ";" separator</i>		
 User clicks on "Export to CSV" and select ";" separator		
 Financial Instruments exported to CSV file with ";" separator		Verify
<b>C View mode - Class ID 1.10</b>		
<i>Verify that value of "Class ID" is correct</i>		
 User checks date searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C View mode - Code 1.11</b>		
<i>Verify that value of "Code" is correct</i>		
 User checks date searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C View mode - Description 1.12</b>		
<i>Verify that value of "Description" is correct</i>		
 User checks data searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C View mode - Class Type 1.13</b>		
<i>Verify that value of "Class Type" is correct</i>		
 User checks data searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C View mode - Market 1.14</b>		
<i>Verify that value of "Market" is correct</i>		
 User checks data searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify

 View mode - Market description 1.15	<i>Verify that value of "Market Description" is correct</i>	
 User checks data searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
 View mode - Currency Code 1.16		
<i>Verify that value of "Currency Code" is correct</i>		
 User checks data searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
 View mode - Asset Class ID 1.17		
<i>Verify that value of "Asset Class ID" is correct</i>		
 User checks data searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
 View mode - CFI Code 1.18		
<i>Verify that "CFI Code" is correct</i>		
 User checks data searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
 View mode - ISIN Code 1.19		
<i>Verify that "ISIN CODE" is correct</i>		
 User checks data searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
 View mode - Tradable 1.2		
<i>Verify that "Tradable" is correct</i>		
 User checks data searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
 View mode - Ineligible Date 1.21		
<i>Verify that "Ineligible Date" is correct</i>		
 User checks data searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
 View mode - Margin Interval 1.22		
<i>Verify that "Margin Interval" is correct</i>		

 User checks data searching the instrument in the Risk System		
 Value reported in WICS interface and Risk System is equal		Verify
<b>C View mode - Type Int 1.23</b>		
<i>Verify that "Type Int" is correct</i>		
 User checks data searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C View mode - Multiplier 1.24</b>		
<i>Verify that "Multiplier" is correct</i>		
 User checks data searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C View mode - Close price 1.25</b>		
<i>Verify that "Close Price" is correct</i>		
 User checks data searching the instrument in the price input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C View mode - Settlement Period 1.26</b>		
<i>Verify that "Settlement Period" is correct</i>		
 User checks data searching the "Asset Class ID" of the instrument in the Asset Type Defaults table (in Master Files section)		
 Value reported in WICS interface and in input file is equal		Verify
<b>C View mode - End Of Validity 1.27</b>		
<i>Verify that "End Of validity" is correct</i>		
 User checks data searching the "Asset Class ID" of the instrument in the Asset Type Defaults table (in Master Files section)		
 Value reported in WICS interface and in input file is equal		Verify
<b>C View mode - Date Latest Change 1.28</b>		
<i>Verify that value of "Date Latest Change" is correct</i>		
 User checks data searching the Date and hour of creation of the file received by the Market		
 Value reported in WICS is equal to the date and hour of the Input file		Verify
<b>C View mode - Buy In Offset 1.29</b>		
<i>Verify that the value of "Buy In offset" is correct</i>		

 User checks data searching the "Asset Class ID" of the instrument in the Asset Type Defaults table (in Master Files section)		
 Value reported in WICS interface and in input file is equal		Verify
<b>C View mode - Cash Settlement Offset GG 1.30</b>		
<i>Verify that the value of "Cash Settlement Offset GG" is correct</i>		
 User checks data searching the "Asset Class ID" of the instrument in the Asset Type Defaults table (in Master Files section)		
 Value reported in WICS interface and in input file is equal		Verify
<b>C View mode - Quantity Type 1.31</b>		
<i>Verify that the value of "Quantity Type" is correct</i>		
 User checks data searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C View mode - Liquidity 1.32</b>		
<i>Verify that the value of "Liquidity" is correct</i>		
 User checks data searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C View mode - Bond Issue Date 1.33</b>		
<i>Verify that the value of "Bond Issue Date" is correct</i>		
 User checks data searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C View mode - Bond Expiry Date 1.34</b>		
<i>Verify that the value of "Bond Expiry Date" is correct</i>		
 User checks data searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C View mode - Coupon Frequency 1.35</b>		
<i>Verify that the value of "Coupon frequency" is correct</i>		
 User checks data searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C View mode - Bond Coupon 1.36</b>		
<i>Verify that the value of "Bond Coupon" is correct</i>		
 User checks data searching the instrument in the input file received by the Market		

 Value reported in WICS interface and in input file is equal		Verify
<b>C View mode - Country Registration 1.37</b>		
<i>Verify that the value of "Country Registration" is correct</i>		
 User checks data searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C View mode - Subscription Right 1.38</b>		
<i>Verify that the value of "Subscription Right" is correct</i>		
 User checks data searching the instrument in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C Correct layout 1.1</b>		
 User opens GUI and clicks on Trade Management		
 Functionality's layout is correct		Verify
<b>C Trade number filter works correctly 1.2</b>		
 User opens GUI, clicks on Trade Management and uses the filter		
 Trade number filter works correctly		Verify
<b>C ISIN code filter works correctly 1.3</b>		
 User opens GUI, clicks on Trade Management and uses the filter		
 ISIN code filter works correctly		Verify
<b>C Buy member filter works correctly 1.4</b>		
 User opens GUI, clicks on Trade Management and uses the filter		
 Buy member filter works correctly		Verify
<b>C Sell member filter works correctly 1.5</b>		
 User opens GUI, clicks on Trade Management and uses the filter		
 Sell member filter works correctly		Verify
<b>C Market filter works correctly 1.6</b>		
 User opens GUI, clicks on Trade Management and uses the filter		
 Market filter works correctly		Verify
<b>C Export to Excel 1.7</b>		
 User opens GUI, clicks on Trade Management uses the functionality Export to Excel		
 Trades exported to Excel file		Verify

<b>C Current date visualization 1.8</b>		
 User opens GUI, clicks on Trade Management and clicks on Current Date		
 Current date trades are shown		Verify
<b>C Other date visualization 1.9</b>		
 User opens GUI, clicks on Trade Management, clicks on Other Date and selects a date different from today		
 Other date's trades are shown		Verify
<b>C Correct layout 1.1</b>		
 User opens GUI and clicks on Foreign Exchange Rates		
 Functionality's layout is correct		Verify
<b>C Currency ID filter works correctly 1.2</b>		
 User opens GUI, clicks on Foreign Exchange Rates and uses the filter		
 filter works correctly		Verify
<b>C Export to Excel 1.3</b>		
 User opens GUI, clicks on Foreign Exchange Rates and uses the functionality Export to Excel		
 Exchange rate exported to Excel file		Verify
<b>C Export to PDF 1.7</b>		
 User opens GUI, clicks on Foreign Exchange Rates and uses the functionality Export to PDF		
 Exchange rate exported to Excel file		Verify
<b>C View mode 1.4</b>		
<i>View mode shows all the informations of the selected Member account</i>		
 User clicks on the view symbol on a row of an exchange rate		
 View mode shows all the informations of the selected currency. Fields are not modifiable		Verify
<b>C Modify mode 1.5</b>		
<i>With modify mode is possible to modify some fields of a Member Account</i>		
 Precondition		
 User enter on WICS Interface		Verify
 User clicks on the pen symbol of a Currency		
 Modify mode shows all the informations of the selected Currency. Some fields are modifiable		Verify
<b>C Delete mode 1.6</b>		
<i>User can click on "X" symbol and delete a Member Account</i>		
 Precondition		

 User enter on WICS Interface		Verify
 User can click on "X" symbol and delete a Currency		
 Member disappears from Foreign Currency list		Verify

C Add mode 1.8		
 User click on Add symbol and try to add a new currency exchange		
 The new currency is saved and available on list		Input

C Correct layout 1.1 P		
<i>Verify that layout of functionality Master Files &gt; Financial Instruments</i>		
 User open GUI and click on Financial Positions > Position Account Items		
 Layout of functionality is correct		Verify

C Filter Member works correctly 1.2 P		
<i>Verify that Member filter works correctly</i>		
 User open GUI and click on Financial Positions > Position Account Items and use the filter		
 Class Symbol filter works correctly		Verify

C Filter Position ID works correctly 1.3 P		
<i>Verify that Position ID filter works correctly</i>		
 User open GUI and click on Financial Positions > Position Account Items and use the filter		
 Position ID filter works correctly		Verify

C Filter Pos Account ID works correctly 1.4 P		
<i>Verify that Pos Account ID filter works correctly</i>		
 User open GUI and click on Financial Positions > Position Account Items and use the filter		
 Pos Account ID filter works correctly		Verify

C Filter Intended Settlement Date works correctly 1.5 P		
<i>Verify that Intended Settlement Date filter works correctly</i>		
 User open GUI and click on Financial Positions > Position Account Items and use the filter		
 Intended Settlement Date filter works correctly		Verify

C Filter ISIN works correctly 1.6 P		
<i>Verify that ISIN filter works correctly</i>		
 User open GUI and click on Financial Positions > Position Account Items and use the filter		
 ISIN filter works correctly		Verify

C Filter Trade Date works correctly 1.7 P		
<i>Verify that Trade Date filter works correctly</i>		
 User open GUI and click on Financial Positions > Position Account Items and use the filter		

 Trade Date filter works correctly		Verify
<b>C View mode 1.8 P</b>		
<i>View mode shows all the informations of the selected Unsettled Position</i>		
 User clicks on the view symbol on an Unsettled Position		
 View mode shows all the informations of the selected Unsettled Position. Fields are not modifiable		Verify
<b>C Trade date 1.9 P</b>		
<i>Verify that value of "Trade Date" is correct</i>		
 User checks date searching the position in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C Intended settlement date 1.10 P</b>		
<i>Verify that value of "Intended Settlement Date" is correct</i>		
 User checks date searching the position in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C Unsettled quantity value 1.11 P</b>		
<i>Verify that value of "Unsettled Quantity" is correct</i>		
 User checks data searching the position in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C Unsettled quantity sign 1.12 P</b>		
<i>Verify that sign of "Unsettled Quantity" is correct</i>		
 User checks data searching the position in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C Unsettled Quantity value 1.13 P</b>		
<i>Verify that "Unsettled Quantity" is correct</i>		
 User checks data searching the position in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C Unsettled Quantity sign 1.14 P</b>		
<i>Verify that sign of "Unsettled Quantity" is correct</i>		
 User checks data searching the position in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify

<b>C Corporate Action Fraction 1.15 P</b>	<i>Verify that "Corporate Action Fraction" is correct</i>	
 User checks data searching the position in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C Unsettled Amount 1.16 P</b>		
<i>Verify that sign of "Unsettled Amount" is correct</i>		
 User checks data searching the position in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C Original Quantity 1.17 P</b>		
<i>Verify that "Original Quantity" is correct</i>		
 User checks data searching the position in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C Original Quantity Sign 1.18 P</b>		
<i>Verify that sign of "Original Quantity" is correct</i>		
 User checks data searching the position in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C Original Amount 1.19 P</b>		
<i>Verify that "Original Amount" is correct</i>		
 User checks data searching the position in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C Original Amount sign 1.20 P</b>		
<i>Verify that sign of "Original Amount" is correct</i>		
 User checks data searching the position in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C Accrued Interest 1.21 P</b>		
<i>Verify that "Accrued Interest" is correct</i>		
 User checks data searching the position in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C Market Acronym 1.22 P</b>		
<i>Verify that "Market Acronym" is correct</i>		

 User checks data searching the position in the input file received by the Market		
 Value reported in WICS interface and in input file is equal		Verify
<b>C Clearing Currency 1.23 P</b>		
<i>Verify that "Clearing Currency" is correct</i>		
 User checks data searching the position in the input file received by the Market		
 Clearing Currency equal to the clearing currency used in the Collateral Account		Verify
<b>C Exchange Rate 1.24 P</b>		
<i>Verify that "Exchange Rate" is correct</i>		
 User checks data searching the position in the input file received by the Market		
 Exchange Haircut used to convert Currency is correct		Verify
<b>C Adjustment Factor 1.25 P</b>		
<i>Verify that "Adjustment Factor" is correct</i>		
 User checks data searching the position in the input file received by the Market		
 Adjustment factor applied to position in case of corporate actions is correct		Verify
<b>C MTM Amount 1.26 P</b>		
<i>Verify that "MTM Amount" is correct</i>		
 User calculates the MTM of the position		
 MTM is calculated correctly		Verify
<b>C MTM Amount sign 1.27 P</b>		
<i>Verify that the sign of "MTM Amount" is correct</i>		
 User calculates the MTM of the position		
 MTM is calculated correctly		Verify
<b>C Risk Factor 1.28 P</b>		
<i>Verify that the value of "Risk Factor" is correct</i>		
 User compares the value of Risk Factor with the Risk Factor available in the Risk System		
 Risk Factor is correct		Verify
<b>C Settlement Currency 1.29 P</b>		
<i>Verify that the value of "Settlement Currency" is correct</i>		
 User verifies value of Settlement Currency		
 Settlement Currency is correct		Verify
<b>C Settlement Lock 1.30 P</b>		
<i>Verify that the value of "Settlement Lock" is correct</i>		
 User verifies value of Settlement Lock		

 Settlement Lock is correct		Verify
<b>C Buy In Status 1.31 P</b>		
<i>Verify that the value of "Buy In Status" is correct</i>		
 User verifies value of Buy In Status		
 Buy in Status is correct		Verify
<b>C Settlement Reference 1.32 P</b>		
<i>Verify that the value of "Settlement Reference" is correct</i>		
 User verifies value of Settlement Reference		
 Settlement Reference is correct		Verify
<b>C Offset 1.33 P</b>		
<i>Verify that the value of "Offset" is correct</i>		
 User verifies value of Offset		
 Offset value is correct		Verify
<b>C Offset Reference 1.34 P</b>		
<i>Verify that the value of "Offset Reference" is correct</i>		
 User verifies value of Offset Reference		
 Offset Reference is correct		Verify
<b>C Export To CSV - "," separator 1.35 P</b>		
<i>User can export unsettled positions to a CSV file with "," separator</i>		
 User clicks on "Export to CSV" and select "," separator		
 Unsettled Positions exported to CSV file with "," separator		Verify
<b>C Export To CSV - ";" separator 1.36 P</b>		
<i>User can export unsettled positions to a CSV file with ";" separator</i>		
 User clicks on "Export to CSV" and select ";" separator		
 Unsettled Positions exported to CSV file with ";" separator		Verify
<b>C Position Transfer Bottom 1.37 P</b>		
 User selects the positions to be transferred and clicks on Transfer Positions bottom		
 Target position account can be selected		Verify
 User selects the target position and click for transfer		
 Position status is in waiting to transfer		Verify
<b>C Position Transfer Status 1.38 P</b>		
 User open Wics Functionality		
 All positions transferred or in waiting to transfer are shown		Verify
 User selects the target position and click for transfer		
 Position status is in waiting to transfer		Verify

<b>C Massive Transfer Bottom 1.39 P</b>		
 User clicks on Massive Transfer Positions bottom		
 Deliver and Receiver positions can be selected		Verify
 User clicks add for transfer		
 Position status is in waiting to transfer		Verify
<b>C Position Transfer Status-Filters 1.40 P</b>		
 User open Wics Functionality Position Transfer Status and use filters		
 Filter works correctly		Verify
<b>C Position Transfer Status-Values 1.41 P</b>		
 User open Wics Functionality Position Transfer Status and check values		
 Values of fields are correct		Verify
<b>C Position Transfer Status-Layout 1.42 P</b>		
 User open Wics Functionality Position Transfer Status		
 Layout is correct		Verify
<b>C Correct layout 1.1 P</b>		
<i>Verify that layout of functionality Master Files &gt; Financial Instruments</i>		
 User open GUI and click on Financial Positions > Margin		
 Layout of functionality is correct		Verify
<b>C Filter Collateral Account ID works correctly 1.2 P</b>		
<i>Verify that Collateral Account ID filter works correctly</i>		
 User open GUI and click on Financial Positions > Margin and use the filter		
 Collateral Account ID filter works correctly		Verify
<b>C Filter Clearing Agents works correctly 1.3 P</b>		
<i>Verify that Clearing Agents filter works correctly</i>		
 User open GUI and click on Financial Positions > Margin and use the filter		
 Clearing Agents filter works correctly		Verify
<b>C Filter Pos Account ID works correctly 1.4 P</b>		
<i>Verify that Pos Account ID filter works correctly</i>		
 User open GUI and click on Financial Positions > Margin and use the filter		
 Pos Account ID filter works correctly		Verify
<b>C Filter Intended Settlement Date works correctly 1.5 P</b>		
<i>Verify that Intended Settlement Date filter works correctly</i>		

 User open GUI and click on Financial Positions > Margin and use the filter		
 Intended Settlement Date filter works correctly		Verify
<b>C Filter ISIN works correctly 1.6 P</b>		
<i>Verify that ISIN filter works correctly</i>		
 User open GUI and click on Financial Positions > Margin and use the filter		
 ISIN filter works correctly		Verify
<b>C Filter Trade Date works correctly 1.7 P</b>		
<i>Verify that Trade Date filter works correctly</i>		
 User open GUI and click on Financial Positions > Margin and use the filter		
 Trade Date filter works correctly		Verify
<b>C View mode 1.8 P</b>		
<i>View mode shows all the informations of the selected Unsettled Position</i>		
 User clicks on the view symbol on an Unsettled Position		
 View mode shows all the informations of the selected Unsettled Position. Fields are not modifiable		Verify
<b>C Collateral Account ID 1.9 P</b>		
<i>Verify that value of "Collateral Account ID" is correct</i>		
 User checks Collateral Account ID Value		
 Correct Collateral Account ID Value		Verify
<b>C Clearing Agent 1.10 P</b>		
<i>Verify that value of "Clearing Agent" is correct</i>		
 User checks Clearing Agent Value		
 Correct Clearing Agent Value		Verify
<b>C Currency 1.11 P</b>		
<i>Verify that value of "Currency" is correct</i>		
 User checks Currency Value		
 Correct Currency Value		Verify
<b>C Initial Margin 1.12 P</b>		
<i>Verify that value of "Initial Margin" is correct</i>		
 User checks Initial Margin Value		
 Correct Initial Margin Value		Verify
<b>C Add On Margin 1.13 P</b>		
<i>Verify that value of "Add On Margin" is correct</i>		
 User checks Add On Margin Value		
 Correct Add On Margin Value		Verify

 Total Margin 1.14 P	Verify that value of "Total Margin" is correct		
 User checks Total Margin Value			
 Correct Total Margin Value			Verify
 Cash 1.15 P	Verify that value of "Cash" is correct		
 User checks Cash Value			
 Correct Cash Value			Verify
 Excess Cash 1.16 P	Verify that value of "Excess Cash" is correct		
 User checks Excess Cash Value			
 Correct Excess Cash Value			Verify
 Security 1.17 P	Verify that value of "Security" is correct		
 User checks Security Value			
 Correct Security Value			Verify
 Excess Security 1.18 P	Verify that value of "Excess Security" is correct		
 User checks Excess Security Value			
 Correct Excess Security Value			Verify
 Cash Call 1.19 P	Verify that value of "Cash Call" is correct		
 User checks Cash Call Value			
 Correct Cash Call Value			Verify
 Data Elaborazione 1.20 P	Verify that value of "Data Elaborazione" is correct		
 User checks Data Elaborazione Value			
 Correct Data Elaborazione Value			Verify
 Versione Elaborazione 1.21 P	Verify that value of "Versione Elaborazione" is correct		
 User checks Versione Elaborazione Value			
 Correct Versione Elaborazione Value			Verify
 Flag Elaborazione 1.22 P	Verify that value of "Flag Elaborazione" is correct		
 User checks Flag Elaborazione Value			
 Correct Flag Elaborazione Value			Verify

 <b>Export To CSV - "," separator 1.23 P</b>	<i>User can export Margins to a CSV file with "," separator</i>	
 User clicks on "Export to CSV" and select "," separator		
 Margins exported to CSV file with "," separator		<b>Verify</b>
<b>C Export To CSV - ";" separator 1.24 P</b>		
<i>User can export Margins to a CSV file with ";" separator</i>		
 User clicks on "Export to CSV" and select ";" separator		
 Margins exported to CSV file with ";" separator		<b>Verify</b>
<b>C Margin Call button 1.25 P</b>		
<i>Verify that Margin Call Button Works correctly</i>		
 User clicks on Margin Call button		
 Margin call button works correctly		<b>Verify</b>
<b>C Filters works correctly</b>		
<i>Verify that Collateral Account ID filter works correctly</i>		
 User open GUI and click on Financial Positions > Margin and use the filters		
 filters works correctly		<b>Verify</b>
<b>C Correct layout 1.2 P</b>		
<i>Verify that layout of functionality Master Files &gt; Financial Instruments</i>		
 User open GUI and click on Financial Positions > Margin account Items		
 Layout of functionality is correct		<b>Verify</b>
<b>C View mode 1.3 P</b>		
<i>View mode shows all the informations of the selected Unsettled Position</i>		
 User clicks on the view symbol on a margin account item		
 View mode shows all the informations of the selected margin account item. Fields are not modifiable		<b>Verify</b>
<b>C Position ID 1.4 P</b>		
<i>Verify that value of "Position ID" is correct</i>		
 User checks Position ID Value		
 Correct Position ID Value		<b>Verify</b>
<b>C Margin Account 1.5 P</b>		
<i>Verify that value of "Margin Account" is correct</i>		
 User checks Margin Account Value		
 Correct Margin Account Value		<b>Verify</b>

<b>C</b> Participant 1.6	Verify that value of "Participant" is correct	
 User checks Participant Value		
 Correct Participant Value		Verify
<b>C</b> Account 1.7		
Verify that value of "Account" is correct		
 User checks Account Value		
 Correct Participant Value		Verify
<b>C</b> Settl. Date 1.8		
Verify that value of "Settl. Date" is correct		
 User checks Settl. Date		
 Correct Settl. Date value		Verify
<b>C</b> Class ID 1.9		
Verify that value of "Class ID" is correct		
 User checks Class ID		
 Correct Class IS		Verify
<b>C</b> ISIN 1.10		
Verify that value of "ISIN" is correct		
 User checks ISIN		
 Correct ISIN		Verify
<b>C</b> Market 1.11		
Verify that value of "Market" is correct		
 User checks Market		
 Correct Market		Verify
<b>C</b> Mark to Market 1.12		
Verify that value of "Mark to Market" is correct		
 User checks Mark to Market		
 Correct Mark to Market		Verify
<b>C</b> Currency 1.13		
Verify that value of "Currency" is correct		
 User checks Currency		
 Correct Currency		Verify
<b>C</b> Clearing Member Amendment 1.1 P		
Verify that Clearing Member Amendment information is correctly reported on BCS Interface		
 Precondition		
 Member already available on BCS		Verify
 User open WICS and modify a field on Member Account Functionality		

 Amendment correctly registered on WICS. BCS receive the correct information from CCG the day after the amendment		Verify
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### C Position Account Amendment 1.2 P

*Verify that Position Account Amendment information is correctly reported on BCS Interface*

 Precondition		
 Position Account already available on BCS		Verify
 User open WICS and modify a field on Position Account Functionality		
 Amendment correctly registered on WICS. BCS receive the correct information from CCG the day after the amendment		Verify

### C Class Amendment 1.3 P

*Verify that Class Amendment information is correctly reported on BCS Interface*

 Precondition		
 Class already available on BCS		Verify
 User processes an Instrument Feed File modifying one field of an Instrument		
 Amendment correctly registered on WICS. BCS receive the correct information from CCG		Verify

### C Market Amendment 1.4 P

*Verify that Market Amendment information is correctly reported on BCS Interface*

 Precondition		
 Market already available on BCS		Verify
 User open WICS and modify a field on Markets Functionality		
 Amendment correctly registered on WICS. BCS receive the correct information from CCG the day after the amendment		Verify

### C Series Amendment 1.5 P

*Verify that Serie Amendment information is correctly reported on BCS Interface*

 Precondition		
 Serie already available on BCS		Verify
 User processes an Instrument Feed File modifying one field of an Instrument		
 Amendment correctly registered on WICS. BCS receive the correct information from CCG		Verify

### C Trades Amendment 1.6 P

*Verify that Trade Amendment information is correctly reported on BCS Interface*

 Precondition		
 Trade already available on BCS		Verify
 User open WICS and modify a field onTrade Management Functionality		
 Amendment correctly registered on WICS. BCS receive the correct information from CCG		Verify

<b>C Marginable position Amendment 1.7 P</b>		
<i>Verify that Marginable Positions Amendment information is correctly reported on BCS Interface</i>		
Precondition		
Marginable position already available on BCS		Verify
User open WICS and modify a field on Position Accounts Items Functionality		
Amendment correctly registered on WICS. BCS receive the correct information from CCG		Verify
<b>C Settlement Position Amendment 1.8 P</b>		
<i>Verify that Settlement Positions Amendment information is correctly reported on BCS Interface</i>		
Precondition		
Settlement Position already available on BCS		Verify
Still not Available		
Amendment correctly registered on WICS. BCS receive the correct information from CCG		Verify
<b>C Clearing Message Amendment 1.9 P</b>		
<i>Verify that Clearing Message Amendment information is correctly reported on BCS Interface</i>		
Precondition		
Clearing Message already available on BCS		Verify
User create a free text message to BCS		
Amendment correctly registered on WICS. BCS receive the correct information from CCG		Verify
<b>C Eligible Instrument Amendment 1.10 P</b>		
<i>Verify that Eligible Instrument Amendment information is correctly reported on BCS Interface</i>		
Precondition		
Eligible Instrument available on BCS		Verify
User open WICS and modify a field on Maintenance Eligible Instruments Functionality		
Amendment correctly registered on WICS. BCS receive the correct information from CCG		Verify
<b>C Collateral Guarantees Amendment 1.11 P</b>		
<i>Verify that Collateral Guarantees Amendment information is correctly reported on BCS Interface</i>		
Precondition		
Collateral Guarantee already available on BCS		Verify
User open WICS and modify a field on Collateral Account Balance Items Functionality		
Amendment correctly registered on WICS. BCS receive the correct information from CCG		Verify
<b>C Default Fund Contributions Amendment 1.12 P</b>		
<i>Verify that Default Fund Contribution Amendment information is correctly reported on BCS Interface</i>		
Precondition		
Default Fund Contribution already available on BCS		Verify

 User open WICS and modify a field on Default Fund Contribution Functionality		
 Amendment correctly registered on WICS. BCS receive the correct information from CCG		Verify
<b>C Margin Amendment 1.13 P</b>		
<i>Verify that Margin Amendment information is correctly reported on BCS Interface</i>		
 Precondition		
 Margin already available on BCS		Verify
 User open WICS and modify a field on Margin View Functionality		
 Amendment correctly registered on WICS. BCS receive the correct information from CCG		Verify
<b>C Intraday Margin Call Amendment 1.14 P</b>		
<i>Verify that Intraday Margin Call Amendment information is correctly reported on BCS Interface</i>		
 Precondition		
 Intraday Margin Call already available on BCS		Verify
 User open WICS and modify a field on Margin Call Functionality		
 Amendment correctly registered on WICS. BCS receive the correct information from CCG		Verify
<b>C Trade Cancellation 1.15 P</b>		
<i>Verify that Trade Cancellation information is correctly reported on BCS Interface</i>		
 Precondition		
 Trade already available on BCS		Verify
 User processes a Trade Feed File and doesn't insert a previously charged trade		
 Amendment correctly registered on WICS. BCS receive the correct information from CCG		Verify
<b>C Marginable position Cancellation 1.16 P</b>		
<i>Verify that Marginable Position Cancellation is correctly reported on BCS Interface</i>		
 Precondition		
 Marginable position already available on BCS		Verify
 User processes a Trade Feed File and doesn't insert a previously charged trade		
 Amendment correctly registered on WICS. BCS receive the correct information from CCG		Verify
<b>C Settlement Position Cancellation 1.17 P</b>		
<i>Verify that Settlement Position Cancellation information is correctly reported on BCS Interface</i>		
 Precondition		
 Settlement Position already available on BCS		Verify
 Still not Available		
 Amendment correctly registered on WICS. BCS receive the correct information from CCG		Verify

<b>C On behalf Of Functionality 1.18 P</b>		
Verify that a User with Admin permits can use the On Behalf Of Functionality and acts as any clearing member on WICS		
Precondition		
XY User has the Admin permits		Verify
XY User Admin enter on WICS and Click on "On Behalf Of" Functionality		
XY User with Admin permits can use the On Behalf Of Functionality and acts as any clearing member on WICS		Verify
<b>C File Processing FN00006940_25 P</b>		
class type e;liquidity t;asset class id bo;coupon frequency indicator 1;		
Precondition		
XY Provider sent an Instrument File		Verify
Execute the process		
XY System process the correctly formatted File		Verify
<b>C File Processing FN00006940_27 P</b>		
class type e;liquidity n;asset class id bo;coupon frequency indicator 1;		
Precondition		
XY Provider sent an Instrument File		Verify
Execute the process		
XY System process the correctly formatted File		Verify
<b>C File Processing FN00006940_29 P</b>		
class type e;liquidity t;asset class id ce;coupon frequency indicator 1;		
Precondition		
XY Provider sent an Instrument File		Verify
Execute the process		
XY System process the correctly formatted File		Verify
<b>C File Processing FN00006940_31 P</b>		
class type e;liquidity n;asset class id ce;coupon frequency indicator 1;		
Precondition		
XY Provider sent an Instrument File		Verify
Execute the process		
XY System process the correctly formatted File		Verify
<b>C File Processing FN00006940_33 P</b>		
class type e;liquidity t;asset class id fu;coupon frequency indicator 1;		
Precondition		
XY Provider sent an Instrument File		Verify
Execute the process		
XY System process the correctly formatted File		Verify

<b>C</b>	<b>File Processing FN00006940_35 P</b>		
<i>class type e;liquidity n;asset class id fu;coupon frequency indicator 1;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_37 P</b>		
<i>class type e;liquidity t;asset class id ri;coupon frequency indicator 1;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_39 P</b>		
<i>class type e;liquidity n;asset class id ri;coupon frequency indicator 1;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_41 P</b>		
<i>class type e;liquidity t;asset class id st;coupon frequency indicator 1;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_43 P</b>		
<i>class type e;liquidity n;asset class id st;coupon frequency indicator 1;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_45 P</b>		
<i>class type e;liquidity t;asset class id wa;coupon frequency indicator 1;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_47 P</b>		
<i>class type e;liquidity n;asset class id wa;coupon frequency indicator 1;</i>			
 Precondition			

 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_49 P		
<i>class type e;liquidity t;asset class id bo;coupon frequency indicator 2;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_51 P		
<i>class type e;liquidity n;asset class id bo;coupon frequency indicator 2;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_53 P		
<i>class type e;liquidity t;asset class id ce;coupon frequency indicator 2;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_55 P		
<i>class type e;liquidity n;asset class id ce;coupon frequency indicator 2;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_57 P		
<i>class type e;liquidity t;asset class id fu;coupon frequency indicator 2;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_59 P		
<i>class type e;liquidity n;asset class id fu;coupon frequency indicator 2;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

 File Processing FN00006940_61 P		
<i>class type e;liquidity t;asset class id ri;coupon frequency indicator 2;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_63 P		
<i>class type e;liquidity n;asset class id ri;coupon frequency indicator 2;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_65 P		
<i>class type e;liquidity t;asset class id st;coupon frequency indicator 2;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_67 P		
<i>class type e;liquidity n;asset class id st;coupon frequency indicator 2;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_69 P		
<i>class type e;liquidity t;asset class id wa;coupon frequency indicator 2;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_71 P		
<i>class type e;liquidity n;asset class id wa;coupon frequency indicator 2;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_73 P		
<i>class type e;liquidity t;asset class id bo;coupon frequency indicator 4;</i>		
 Precondition		

 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_75 P		
<i>class type e;liquidity n;asset class id bo;coupon frequency indicator 4;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_77 P		
<i>class type e;liquidity t;asset class id ce;coupon frequency indicator 4;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_79 P		
<i>class type e;liquidity n;asset class id ce;coupon frequency indicator 4;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_81 P		
<i>class type e;liquidity t;asset class id fu;coupon frequency indicator 4;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_83 P		
<i>class type e;liquidity n;asset class id fu;coupon frequency indicator 4;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_85 P		
<i>class type e;liquidity t;asset class id ri;coupon frequency indicator 4;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

 File Processing FN00006940_87 P		
<i>class type e;liquidity n;asset class id ri;coupon frequency indicator 4;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_89 P		
<i>class type e;liquidity t;asset class id st;coupon frequency indicator 4;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_91 P		
<i>class type e;liquidity n;asset class id st;coupon frequency indicator 4;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_93 P		
<i>class type e;liquidity t;asset class id wa;coupon frequency indicator 4;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_95 P		
<i>class type e;liquidity n;asset class id wa;coupon frequency indicator 4;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_97 P		
<i>class type e;liquidity t;asset class id bo;coupon frequency indicator 6;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_99 P		
<i>class type e;liquidity n;asset class id bo;coupon frequency indicator 6;</i>		
 Precondition		

 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_101 P		
<i>class type e;liquidity t;asset class id ce;coupon frequency indicator 6;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_103 P		
<i>class type e;liquidity n;asset class id ce;coupon frequency indicator 6;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_105 P		
<i>class type e;liquidity t;asset class id fu;coupon frequency indicator 6;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_107 P		
<i>class type e;liquidity n;asset class id fu;coupon frequency indicator 6;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_109 P		
<i>class type e;liquidity t;asset class id ri;coupon frequency indicator 6;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_111 P		
<i>class type e;liquidity n;asset class id ri;coupon frequency indicator 6;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

<b>C</b>	<b>File Processing FN00006940_113 P</b>		
<i>class type e;liquidity t;asset class id st;coupon frequency indicator 6;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_115 P</b>		
<i>class type e;liquidity n;asset class id st;coupon frequency indicator 6;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_117 P</b>		
<i>class type e;liquidity wa;asset class id wa;coupon frequency indicator 6;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_119 P</b>		
<i>class type e;liquidity n;asset class id wa;coupon frequency indicator 6;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_121 P</b>		
<i>class type e;liquidity t;asset class id bo;coupon frequency indicator 12;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_123 P</b>		
<i>class type e;liquidity n;asset class id bo;coupon frequency indicator 12;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_125 P</b>		
<i>class type e;liquidity t;asset class id ce;coupon frequency indicator 12;</i>			
 Precondition			

 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_127 P		
<i>class type e;liquidity n;asset class id ce;coupon frequency indicator 12;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_129 P		
<i>class type e;liquidity t;asset class id fu;coupon frequency indicator 12;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_131 P		
<i>class type e;liquidity n;asset class id fu;coupon frequency indicator 12;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_133 P		
<i>class type e;liquidity t;asset class id ri;coupon frequency indicator 12;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_135 P		
<i>class type e;liquidity n;asset class id ri;coupon frequency indicator 12;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_137 P		
<i>class type e;liquidity t;asset class id st;coupon frequency indicator 12;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

<b>C</b>	<b>File Processing FN00006940_139 P</b>		
<i>class type e;liquidity n;asset class id st;coupon frequency indicator 12;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_141 P</b>		
<i>class type e;liquidity t;asset class id wa;coupon frequency indicator 12;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_143 P</b>		
<i>class type e;liquidity n;asset class id wa;coupon frequency indicator 12;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_12 P</b>		
<i>class type b;liquidity n;asset class id fu;coupon frequency indicator 0;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_16 P</b>		
<i>class type b;liquidity n;asset class id ri;coupon frequency indicator 0;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_20 P</b>		
<i>class type b;liquidity n;asset class id st;coupon frequency indicator 0;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_24 P</b>		
<i>class type b;liquidity n;asset class id wa;coupon frequency indicator 0;</i>			
 Precondition			

 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_36 P		
<i>class type b;liquidity n;asset class id fu;coupon frequency indicator 1;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_40 P		
<i>class type b;liquidity n;asset class id ri;coupon frequency indicator 1;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_44 P		
<i>class type b;liquidity n;asset class id st;coupon frequency indicator 1;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_48 P		
<i>class type b;liquidity n;asset class id wa;coupon frequency indicator 1;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_60 P		
<i>class type b;liquidity n;asset class id fu;coupon frequency indicator 2;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_64 P		
<i>class type b;liquidity n;asset class id ri;coupon frequency indicator 2;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

<b>C</b>	<b>File Processing FN00006940_68 P</b>		
<i>class type b;liquidity n;asset class id st;coupon frequency indicator 2;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_72 P</b>		
<i>class type b;liquidity n;asset class id wa;coupon frequency indicator 2;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_84 P</b>		
<i>class type b;liquidity n;asset class id fu;coupon frequency indicator 4;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_88 P</b>		
<i>class type b;liquidity n;asset class id ri;coupon frequency indicator 4;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_92 P</b>		
<i>class type b;liquidity n;asset class id st;coupon frequency indicator 4;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_96 P</b>		
<i>class type b;liquidity n;asset class id wa;coupon frequency indicator 4;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_108 P</b>		
<i>class type b;liquidity n;asset class id fu;coupon frequency indicator 6;</i>			
 Precondition			

 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_112 P		
<i>class type b;liquidity n;asset class id ri;coupon frequency indicator 6;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_116 P		
<i>class type b;liquidity n;asset class id st;coupon frequency indicator 6;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_120 P		
<i>class type b;liquidity n;asset class id wa;coupon frequency indicator 6;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_132 P		
<i>class type b;liquidity n;asset class id fu;coupon frequency indicator 12;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_136 P		
<i>class type b;liquidity n;asset class id ri;coupon frequency indicator 12;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_140 P		
<i>class type b;liquidity n;asset class id st;coupon frequency indicator 12;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

 File Processing FN00006940_144 P		
<i>class type b;liquidity n;asset class id wa;coupon frequency indicator 12;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_10 P		
<i>class type b;liquidity t;asset class id fu;coupon frequency indicator 0;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_14 P		
<i>class type b;liquidity t;asset class id ri;coupon frequency indicator 0;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_18 P		
<i>class type b;liquidity t;asset class id st;coupon frequency indicator 0;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_22 P		
<i>class type b;liquidity t;asset class id wa;coupon frequency indicator 0;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_34 P		
<i>class type b;liquidity t;asset class id fu;coupon frequency indicator 1;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
 File Processing FN00006940_38 P		
<i>class type b;liquidity t;asset class id ri;coupon frequency indicator 1;</i>		
 Precondition		

 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_42 P		
<i>class type b;liquidity t;asset class id st;coupon frequency indicator 1;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_46 P		
<i>class type b;liquidity t;asset class id wa;coupon frequency indicator 1;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_58 P		
<i>class type b;liquidity t;asset class id fu;coupon frequency indicator 2;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_62 P		
<i>class type b;liquidity t;asset class id ri;coupon frequency indicator 2;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_70 P		
<i>class type b;liquidity t;asset class id wa;coupon frequency indicator 2;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_66 P		
<i>class type b;liquidity t;asset class id st;coupon frequency indicator 2;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

<b>C</b>	<b>File Processing FN00006940_82 P</b>		
<i>class type b;liquidity t;asset class id fu;coupon frequency indicator 4;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_86 P</b>		
<i>class type b;liquidity t;asset class id ri;coupon frequency indicator 4;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_90 P</b>		
<i>class type b;liquidity t;asset class id st;coupon frequency indicator 4;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_94 P</b>		
<i>class type b;liquidity t;asset class id wa;coupon frequency indicator 4;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_106 P</b>		
<i>class type b;liquidity t;asset class id fu;coupon frequency indicator 6;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_110 P</b>		
<i>class type b;liquidity t;asset class id ri;coupon frequency indicator 6;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_114 P</b>		
<i>class type b;liquidity t;asset class id st;coupon frequency indicator 6;</i>			
 Precondition			

 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_118 P		
<i>class type b;liquidity t;asset class id wa;coupon frequency indicator 6;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_130 P		
<i>class type b;liquidity t;asset class id fu;coupon frequency indicator 12;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_134 P		
<i>class type b;liquidity t;asset class id ri;coupon frequency indicator 12;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_138 P		
<i>class type b;liquidity t;asset class id st;coupon frequency indicator 12;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_142 P		
<i>class type b;liquidity t;asset class id wa;coupon frequency indicator 12;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

C File Processing FN00006940_26 P		
<i>class type b;liquidity t;asset class id bo;coupon frequency indicator 1;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify

<b>C</b>	<b>File Processing FN00006940_30 P</b>		
<i>class type b;liquidity t;asset class id ce;coupon frequency indicator 1;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_50 P</b>		
<i>class type b;liquidity t;asset class id bo;coupon frequency indicator 2;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_54 P</b>		
<i>class type b;liquidity t;asset class id ce;coupon frequency indicator 2;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_74 P</b>		
<i>class type b;liquidity t;asset class id bo;coupon frequency indicator 4;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_78 P</b>		
<i>class type b;liquidity t;asset class id ce;coupon frequency indicator 4;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_98 P</b>		
<i>class type b;liquidity t;asset class id bo;coupon frequency indicator 6;</i>			
 Precondition			
 Provider sent an Instrument File			Verify
 Execute the process			
 System process the correctly formatted File			Verify
<b>C</b>	<b>File Processing FN00006940_102 P</b>		
<i>class type b;liquidity t;asset class id ce;coupon frequency indicator 6;</i>			
 Precondition			

 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
<b>C File Processing FN00006940_122 P</b>		
<i>class type b;liquidity t;asset class id bo;coupon frequency indicator 12;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
<b>C File Processing FN00006940_126 P</b>		
<i>class type b;liquidity t;asset class id ce;coupon frequency indicator 12;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
<b>C File Processing FN00006940_2 P</b>		
<i>class type b;liquidity t;asset class id bo;coupon frequency indicator 0;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
<b>C File Processing FN00006940_6 P</b>		
<i>class type b;liquidity t;asset class id ce;coupon frequency indicator 0;</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Execute the process		
 System process the correctly formatted File		Verify
<b>C Message MT598 sent at the end of MT535 messages 3.4.2 P</b>		
<i>After last MT535 message a MT598 message is received with number of MT535 messages received on Tag 77E</i>		
 Precondition		
 Message received		Verify
 Verify that after last MT535 message a MT598 message is received		
 MT598 message is received with number of MT535 messages received on Tag 77E		Verify
<b>C Tag 20 - Transaction Reference Number 3.4.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		

 Target table field is populated with value of Tag		Verify
<b>C Tag 12 - Sub Message Type 3.4.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Tag 77E 3.4.2 P</b>		
'NMBR'/No. of messages sent for the session (for all collateral accounts) followed by a Carriage return and Line feed e.g. NMBR/43'CrLf'		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence D - tag 22H::COLL//BCOL 3.3.5 P</b>		
Field 22H::COLL//BCOL indicates that type of Collateral is Other Collateral: Either a Bank Guarantee or Letter of Credit		
 Precondition		
 SWIFT message with Other Collateral: Either a Bank Guarantee or Letter of Credit		Verify
 Verify that if type of Collateral is Other Collateral: Either a Bank Guarantee or Letter of Credit 22H::COLL//BCOL		
 Tag 22H::COLL//BCOL		Verify
<b>C Destination Account FN00006497 N</b>		
<i>The Position transfer is not available if the Destination account is present or different from GCM)</i>		
 1.Inquiry Position not locked that you need to tranfer 2.Define a Destination account non present or different from GCM) 3.run the Transfer Process		
 1.Inquiry Position not locked that you need to tranfer		Input
 2.Define a Destination account non present or different from GCM)		Input
 3.run the Transfer Process		Input
 The Transfer Process avoid the transfer of locked positions.		Verify
 1.Select the corresponding position of the transferred position (same [ISIN, Market, Currency, ISD]) must be locked for settlement 2.Define a Destination account present and acivated 3.Run the Transfer Process		
 1.Select the corresponding position of the transferred position (same [ISIN, Market, Currency, ISD]) must be locked for settlement		Input

 2.Define a Destination account present and activated		Input
 3.Run the Transfer Process		Input
 The Transfer Process avoid the transfer of locked positions.		Verify

### Text Block -Sequence A - tag 28E:LAST 3.3.5 P

*Field 28E:LAST indicates that the message is the last page of the statement.*

 Precondition		
 SWIFT message is the last page of a statement		Verify
 Verify that last page of a statement with more than one page has Tag 28E:LAST		
 Tag 28E:LAST		Verify

### Text Block -Sequence A - tag 28E:MORE 3.3.5 P

*Field 28E:MORE indicates that the message is NOT the last page of the statement.*

 Precondition		
 SWIFT message is not the last page of a statement		Verify
 Verify that if page of a statement is not the last one Tag 28E:MORE		
 Tag 28E:MORE		Verify

### Text Block -Sequence B1 - Tag 93B - AGGR - UNIT 3.4.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Text Block -Subsequence D1- tag 36B:UNIT 3.3.5 P

*Quantity expressed as a number, for example, a number of shares.*

 Precondition		
 SWIFT message from the Clearing System for Securities Collateral		Verify
 Verify that tag 36B:UNIT		
 Tag 36B:UNIT		Verify

### Text Block - Sequence A2 - Tag 25D SETT= UNSE 3.3.9 P

*If settlement status is unsent target table field is populated with value of Tag UNSE*

 Precondition		
 Message received with settlement status unsent		Verify
 Verify that if settlement status is unsent target table field is populated with value of Tag UNSE		
 Target table field is populated with value of Tag UNSE		Verify

<b>C Text Block - Sequence A2 - Tag 25D SETT= MACH 3.3.9 P</b>		
<i>If settlement status is matched target table field is populated with value of Tag MACH</i>		
 Precondition		
 Message received with settlement status matched		Verify
 Verify that if settlement status is matched target table field is populated with value of Tag MACH		
 Target table field is populated with value of Tag MACH		Verify
<b>C Text Block - Sequence A2 - Tag 25D SETT= NMAT 3.3.9 P</b>		
<i>If settlement status is not matched target table field is populated with value of Tag NMAT</i>		
 Precondition		
 Message received with settlement status not matched		Verify
 Verify that if settlement status is not matched target table field is populated with value of Tag NMAT		
 Target table field is populated with value of Tag NMAT		Verify
<b>C Text Block - Sequence A2 - Tag 25D SETT=PENF 3.3.9 P</b>		
<i>If settlement status is failed target table field is populated with value of Tag PENF</i>		
 Precondition		
 Message received with settlement status failed		Verify
 Verify that if settlement status is failed target table field is populated with value of Tag PENF		
 Target table field is populated with value of Tag PENF		Verify
<b>C Text Block - Sequence A2 - Tag 25D SETT=REJT 3.3.9 P</b>		
<i>If settlement status is rejected target table field is populated with value of Tag REJT</i>		
 Precondition		
 Message received with settlement status rejected		Verify
 Verify that if settlement status is rejected target table field is populated with value of Tag REJT		
 Target table field is populated with value of Tag REJT		Verify
<b>C Text Block - Sequence A2 - Tag 25D SETT=FULL 3.3.9 P</b>		
<i>If settlement status is settled target table field is populated with value of Tag FULL</i>		
 Precondition		
 Message received with settlement status settled		Verify
 Verify that if settlement status is rejected target table field is populated with value of Tag FULL		
 Target table field is populated with value of Tag FULL		Verify
<b>C Text Block -Sequence B1 - tag 24B::PEND//CERT 3.3.1 P</b>		
<i>Field 24B::PEND//CERT indicates an incomplete certificate information</i>		
 Precondition		

 SWIFT message with 25D status PEND		Verify
 Verify that if certificate information is incomplete 24B::PEND//CERT		
 Tag 24B::PEND//CERT		Verify

#### Text Block -Sequence B1 - tag 24B::PENF//CERT 3.3.1 P

*Field 24B::PENF//CERT indicates an incomplete certificate information*

 Precondition		
 SWIFT message with 25D status PENF		Verify
 Verify that if certificate information is incomplete 24B::PENF//CERT		
 Tag 24B::PENF//CERT		Verify

#### Text Block -Sequence B1 - tag 24B::PENF//NARR 3.3.1 P

*Field 24B::PENF//NARR*

 Precondition		
 SWIFT message with 25D status PENF		Verify
 Verify that 24B::PENF//NARR		
 Tag 24B::PENF//NARR		Verify

#### Text Block -Sequence A - tag 22F:CODE//COMP 3.3.2 P

*Field 22F:CODE//COMP*

 Precondition		
 SWIFT message is complete		Verify
 Verify that if the message is complete 22F:CODE//COMP		
 Tag 22F:CODE//COMP		Verify

#### 63 - Update of the selected strange net 7 position's quantity

*Update of the selected strange net 7 position's quantity*

 Precondition		
 Selected strange net 7 position's quantity has been allocated		Verify
 Update of the selected strange net 7 position's quantity		
 Selected strange net 7 position's quantity is updated		Verify

#### 72 - Update of the selected strange net 7 position's countervalue

*Update of the selected strange net 7 position's countervalue*

 Precondition		
 Selected strange net 7 position's countervalue has been allocated		Verify
 Update of the selected strange net 7 position's countervalue		
 Selected strange net 7 position's countervalue is updated		Verify

#### 82 - Generation of settlement instructions from the open strange net 7 positions

 Precondition		
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 There is no further strange net 7 position position to offset		Verify
 Generation of settlement instructions from the open strange net 7 positions		
 Settlement instructions are generated from the open strange net 7 positions and sent to CSD		Verify

C 82 - Generation of settlement instructions from the open strange net 7 positions_1		
 Precondition		
 There is no further strange net 7 position position to offset		Verify
 Generation of settlement instructions from the open strange net 7 positions		
 Settlement instructions are generated from the open strange net 7 positions and sent to CSD		Verify

C 82 - Generation of settlement instructions from the open strange net 7 positions_2		
<i>Generation of settlement instructions from the open strange net 7 positions</i>		
 Precondition		
 There is no further strange net 7 position position to offset		Verify
 Generation of settlement instructions from the open strange net 7 positions		
 Settlement instructions are generated from the open strange net 7 positions and sent to CSD		Verify

C 20 - 2) strange net 5 - Long Position - Smallest quantity		
<i>Correct priority of strange net 5/long position with the highest price and the smallest quantity</i>		
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the strange net 5/long position with the smallest quantity (in absolute terms)		
 Correct selection of the strange net 5/long position		Verify

C 23 - 2) strange net 6 - Short Position - Smallest quantity		
<i>Correct priority of strange net 6/Short Position with the lowest price and the smallest quantity</i>		
 Precondition 1		
 Two or more Position Accounts linked to one Settlement Account		Verify
 Precondition 2		
 Quantity allocation process started		Verify
 Check the System selected the strange net 6/short position with the smallest quantity (in absolute terms)		
 Correct selection of the strange net 6/short position		Verify

<b>C 47 - 2) strange net 5 - Long Position - Smallest quantity</b>		
<i>Correct priority of strange net 5/long position with the highest price and the smallest quantity</i>		
Precondition 1		
Two or more Position Accounts linked to one Settlement Account		Verify
Precondition 2		
Countervalue allocation process started		Verify
Check the System selected the strange net 5/long position with the smallest quantity (in absolute terms)		
Correct selection of the strange net 5/long position		Verify
<b>C 50 - 2) strange net 6 - Short Position - Smallest quantity</b>		
<i>Correct priority of strange net 6/Short Position with the lowest price and the smallest quantity</i>		
Precondition 1		
Two or more Position Accounts linked to one Settlement Account		Verify
Precondition 2		
Countervalue allocation process started		Verify
Check the System selected the strange net 6/short position with the smallest quantity (in absolute terms)		
Correct selection of the strange net 6/short position		Verify
<b>C Tag 95P::BUYR/SELL - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
Precondition		
Message received		Verify
Verify that target table field is populated with value of Tag		
Target table field is populated with value of Tag		Verify
<b>C Tag 95R::BUYR/SELL - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
Precondition		
Message received		Verify
Verify that target table field is populated with value of Tag		
Target table field is populated with value of Tag		Verify
<b>C Tag 95P::REAG/DEAG - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
Precondition		
Message received		Verify
Verify that target table field is populated with value of Tag		
Target table field is populated with value of Tag		Verify

<b>C Tag 22H::SETR - Population of target table 3.3.3 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence B1a2 - tag 22H::PAYM//APMT 3.3.3 P</b>		
<i>Transaction is against payment</i>		
 Precondition		
 SWIFT message from the Clearing System - Transaction is against payment		Verify
 Verify that if transaction is against payment 22H::PAYM//APMT		
 Tag 22H::PAYM//APMT		Verify
<b>C Text Block -Subsequence B1a2A - tag 95R::BUYR 3.3.3 P</b>		
<i>If transaction is a receipt of financial instruments Account Number is the Position Account Number of the buyer</i>		
 Precondition		
 SWIFT message from the Clearing System - Transaction is a receipt of financial instruments		Verify
 Verify that if transaction is a receipt of financial instruments Account Number is the Position Account Number of the buyer		
 Position Account Number of the buyer		Verify
<b>C Text Block -Subsequence B1a2A - tag 95R::SELL 3.3.3 P</b>		
<i>If transaction is a delivery of financial instruments Account Number is the Position Account Number of the seller</i>		
 Precondition		
 SWIFT message from the Clearing System - Transaction is a delivery of financial instruments		Verify
 Verify that if transaction is a delivery of financial instruments Account Number is the Position Account Number of the seller		
 Position Account Number of the seller		Verify
<b>C Tag 22H::SETR - Population of target table 3.3.2 P</b>		
<i>Target table field is populated with value of Tag</i>		
 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify
<b>C Text Block -Sequence B1a2 - tag 22F::SETR//TRAD 3.3.3 P</b>		
<i>Trade Based Accounting</i>		
 Precondition		

 SWIFT message from the Clearing System -Trade Based Accounting		Verify
 Verify that if transaction is a Trade Based Accounting 22F::SETR//TRAD		
 Tag 22F::SETR//TRAD		Verify

### Tag 20C::ASRF - Population of target table 3.3.1 P

*Target table field is populated with value of Tag*

 Precondition		
 Message received		Verify
 Verify that target table field is populated with value of Tag		
 Target table field is populated with value of Tag		Verify

### Bug 85 - Participant configuration screen

 In the participant configuration screen, The label of the “add-in” field should include the “%” symbol to clearly show that the number is expressed in percentage terms.		
 Label include %		Input

### Bug 84 - No asterisco su swift report nell'aggiunta di un member account

 Mandatory field symbol (*) should not be present where the null value is not selectable and there is a preselected value. (e.g. “Type” field in the participant configuration is an example)		
 Mandatory field symbol (*) should not be present		Input

### Bug 86 - Utilizzo member inattivi nella configurazione degli account

 The fact that a participant is deactivated should not prevent the user from using it in an account configuration.		
 The user use an account configuration		Input

### Bug 87 - Export buttons should be added to various screens

 Export buttons should be added to various screens		
 Export buttons are present in all the various screens		Input

### Bug 88 - External accounts per il DF

 Missing external DF collateral account configuration screen (known)		
 There is present external DF collateral account configuration screen		Input

### Bug 89 - Export File To CSV - Mancata voce del Position Accounts

 Position accounts are not available in the data export screen		
 Position accounts are available in the data export screen		Input

### Bug 90 - Filter Monitor Log - Refresh E Filtro Non Funzionanti

 Filter not working in the monitor log: refresh button is not usable		
 Filter working in the monitor log: refresh button is usable		Input

#### Bug 105 - Swift activation

 Swift activation option should be "deactivated" by default in the participant configuration screen.		
 Swift activation option should be "deactivated" by default in the participant configuration screen.		Input

#### Bug 106 - Payment activation

 Payment activation option should be "deactivated" by default in the participant configuration screen.		
 Payment activation option should be "deactivated" by default in the participant configuration screen.		Input

#### Bug 107 - The swift message selector in the participant configuration

 The swift message selector in the participant configuration contains all the swift messages. It should contain only the messages related to the participant reporting.		
 The swift message selector in the participant configuration contain only the messages related to the partecipant reporting.		Input

#### Bug 108 - Deactivation/activation rules should be more evident to the user

 Deactivation/activation rules should be more evident to the user (e.g. if I deactivate a participant do the corresponding accounts get deactivated?)		
 Deactivation/activation rules are evident to the user		Input

#### Bug 109 - Collateral Account - Naming Convention

 A naming convention should be established for collateral accounts (e.g. ending with -1 for margin collateral and with -2 for DF collateral)		
 A naming convention are established for collateral accounts		Input

#### Bug 110 - Add labels for market (known)

 Add labels for market (known)		
 There are labels for market		Input

#### Bug 111 - Missing audit trail screen(known)

 Missing audit trail screen(known)		
 There is audit trail screen		Input

#### Bug 112 - Add one ore more segregated accounts to a participant account structure

 It should be possible to add one ore more segregated accounts to a participant account structure without adding corresponding segregated clients (different ID, but same participant code, market and type (Client) ).		
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 Is possible to add one ore more segregated accounts to a participant account structure without adding corresponding segregated clients (different ID, but same participant code, market and type (Client) ).		Input
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#### C Bug 114 - Data mapping: csd account code used as CSD code

 Problems in the data mapping: csd account code used as CSD code		
 Correct data mapping: csd account code used as CSD code		Input

#### C Bug 115 - New settlement accounts not available in the export file

 New settlement accounts not available in the export file		
 New settlement accounts are available in the export file		Input

#### C Bug 116 - Aggiunta conti segregati

 It should be possible to add additional segregated accounts to GCM, DCM and NCM.		
 It's possible to add additional segregated accounts to GCM, DCM and NCM.		Input

#### C Bug 117 - Instrument should be manually editable

 Instrument should be manually editable (after the automatic file import). Changes will be overwritten by subsequent loaded files.		
 Instrument is manually editable (after the automatic file import). Changes are overwritten by subsequent loaded files.		Input

#### C Bug 118 - Audit trail table should be available.

 Audit trail table should be available.		
 Audit trail table are available.		Input

#### C Bug 119 - Additional control fields should be available in all the tables

 Additional control fields should be available in all the tables: "update user, update date, update type."		
 Additional control fields are available in all the tables: "update user, update date, update type."		Input

#### C Bug 120 - Price field in the instrument screen should be not mandatory

 Price field in the instrument screen should be not mandatory		
 Price field in the instrument screen are not mandatory		Input

#### C Bug 121 - Subscription rights field - Wrong field values

 Subscription rights field in the instrument screen: wrong field values (see specs)		
 Subscription rights field in the instrument screen: right field values (see specs)		Input

<b>C Bug 122 - Margin Position ID Field - Margin Screen</b>		
 Margin position ID field not available in the margin screen		
 Margin position ID field are available in the margin screen		Input
<b>C Bug 123 - Trade Management - Data Not Available</b>		
 In the trade management screens some fields that are included in the reference data are not available		
 In the trade management screens some fields that are included in the reference data are available		Input
<b>C Bug 124 - Filters on dates should be more advanced</b>		
 Filters on dates should be more advanced (e.g. interval between dates)		
 Filters on dates are more advanced (e.g. interval between dates)		Input
<b>C Bug 125 - Missing details on SOD</b>		
 Missing details on SOD (separated work-stream)		
 There are details on SOD		Input
<b>C Bug 126 - Margin Account ID - Ref Data</b>		
 Margin account ID should be the same provided in the ref data (same format)		
 Margin account ID is the same provided in the ref data (same format)		Input
<b>C Bug 127 - Export doesn't work as expected</b>		
 Export doesn't work as expected		
 Export work as expected		Input
<b>C Bug 128 - Report MS22 - Result are not aggregated as expected</b>		
 Report MS22: result are not aggregated as expected (Client + House account separated)		
 Report MS22: result are aggregated as expected (Client + House account separated)		Input
<b>C Bug 129 - Elaboration Date - Timestamp in all the screens</b>		
 Elaboration date should be a timestamp in all the screens		
 Elaboration date is a timestamp in all the screens		Input
<b>C Bug 130 - Total Margin Requirement - GUI</b>		
 Total margin requirement missing on the GUI (other fields are missing too with respect to the specs)		
 Total margin requirement is on the GUI (other fields are missing too with respect to the specs)		Input
<b>C Bug 131 - Clearing Agent Code - Remove</b>		

 Clearing Agent Code to Remove		
 Clearing Agent Code is removed		Input

### Bug 132 - Add Yes/Not Field - Margin Screen

 Add Yes/Not field in the margin screen for records for which there is an actual margin call		
 Yes/Not field are added in the margin screen for records for which there is an actual margin call		Input

### Bug 133 - Version Number - Record Filters

 Version number should be present among record filters		
 Version number is present among record filters		Input

### Bug 134 - Intermediate steps - Margin calculation

 Intermediate steps in margin calculation should be visible (reports contains more info than the GUI)		
 Intermediate steps in margin calculation are visible (reports contains more info than the GUI)		Input

### Bug 135 - Environment cleaning doesn't work as expected

 Environment cleaning doesn't work as expected (previous trade file loaded)		
 Environment cleaning work as expected (previous trade file loaded)		Input

### Bug 136 - Screen area dedicated to report viewing is too small

 Screen area dedicated to report viewing is too small		
 Screen area dedicated to report viewing is with a right dimension		Input

### Bug 137 - Margin Account ID - Unique

 Margin account ID should be unique (now is a unique for H and C)		
 Margin account ID is unique (befoure was unique for H and C)		Input

### Bug 138 - Margin call Button - Navigation Bar

 Margin call button should be removed from the navigation bar (not usable and not safe)		
 Margin call button is removed from the navigation bar (not usable and not safe)		Input

### Bug 139 - Position Transfer - Filters and default filters

 On position transfer improve filters and default filters (e.g. zero quantity positions excluded in the default filter)		
 On position transfer is present filters and default filters (e.g. zero quantity positions excluded in the default filter)		Input

### Bug 140 - Audit trail should be visible in the position management

 Audit trail should be visible in the position management		
 Audit trail is visible in the position management		Input

### Bug 141 - Collateral Management - Add A Flag

 In collateral management add a flag for debit/credit and a flag for the cash call if greater than zero		
 In collateral management is added a flag for debit/credit and a flag for the cash call if greater than zero		Input

### Bug 142 - Margin Call - No Working

 Margin call was no working (environment busy)		
 Margin call now work (environment busy)		Input

### File Transfer FN00006032 P

*Correct configuration of the sftp transfer*

 Precondition		
 Provider is configurated to send message		Verify
 Provider sent a Exchange Rate File		Verify
 Provider sent Exchange Rate and MD5 File		Verify
 Exchange Rate and MD5 elaborated by the consumer		Verify
 Execute the process, then go to the directory and check if the Provider put an Exchange Rate File		
 The Exchange Rate File is available in the directory		Verify
 Execute the process, then go to the directory and check if the Provider put a MD5 File		
 The MD5 File is available in the directory		Verify
 Verify the polling of the local directory		
 The Exchange Rate File is processed when the corresponding MD5 File is detected.		Verify
 Verify the correct archiving of the processed MD5 File		
 MD5 correctly archived		Verify

### File Transfer FN00006033 P

*Process elaborate Exchange Rate Files with correct Filenames*

 Precondition		
 Provider sent an Exchange Rate File		Verify
 Provider sent a MD5 File		Verify
 Providers send Exchange Rate Feed files for 2 markets (XVIE,XPRA)		Verify
 Execute the process and Check that Files with correct Filename (fx_refkurs_YYYYMMDDHHMM_NN.txt) are correctly processed		
 Correct Exchange Rate Files are elaborated		Verify

 Execute the process and Check that Files with correct Filename ( fx_refkurs_YYYYMMDD_HHMMSS.md5) are correctly processed		
 Correct MD5 Files are elaborate		Verify
 Process N File in input		
 System process all the N Files correctly		Verify

 File Transfer FN00006033 N		
<i>Process discard Exchange Rate Files with bad Filenames</i>		
 Precondition		
 Provider sent a bad Exchange Rate File		Verify
 Provider sent a bad MD5 File		Verify
 Provider sent a corrupted MD5 File		Verify
 Execute the process and Check that Files with bad naming are not processed		
 Consumer DOESN'T process the bad File and an alert is generated for further dissemination		Verify
 Consumer DOESN'T process the bad File and an alert is generated for further dissemination		Verify
 Execute the process and Check that corrected Files are not processed		
 Consumer DOESN'T process the corrected File and an alert is generated for further dissemination		Verify

 File Transfer FN00005830 P		
<i>Correct configuration of the sftp transfer</i>		
 Precondition		
 Provider is configurated to send message		Verify
 Provider sent an Price Feed File		Verify
 Provider sent Price and MD5 File		Verify
 Price Feed and MD5 elaborated by the consumer		Verify
 Execute the process, then go to the directory and check if the Provider put a Price Feed File		
 The Price Feed File is available in the directory		Verify
 Execute the process, then go to the directory and check if the Provider put a MD5 File		
 The MD5 Price File is available in the directory		Verify
 Verify the polling of the local directory		
 The Price File is processed when the corresponding MD5 File is detected.		Verify
 Verify the correct archiving of the processed MD5 File		
 MD5 correctly archived		Verify

 File Transfer FN00005839 P		
<i>Process elaborate Price Feed Files with correct Filenames</i>		
 Precondition		
 Provider sent an Price File		Verify
 Provider sent a MD5 File		Verify

 Providers send Price feed files for 2 markets (XVIE,XPRA)		Verify
 Execute the process and Check that Files with correct Filename ( PricesXXXYYYYMMDDHHMM_NN.txt) are correctly processed		
 Correct Price Files are elaborated		Verify
 Execute the process and Check that Files with correct Filename ( PricesXXXYYYYMMDDHHMM_NN.md5) are correctly processed		
 Correct MD5 Files are elaborate		Verify
 Process N File in input		
 System process all the N Files correctly		Verify

## File Transfer FN00005839 N

*Process discard Price Feed Files with bad Filenames*

 Precondition		
 Provider sent a bad Price File		Verify
 Provider sent a bad MD5 File		Verify
 Provider sent a corrupted MD5 File		Verify
 Execute the process and Check that Files with bad naming are not processed		
 Consumer DOESN'T process the bad File and an alert is generated for further dissemination		Verify
 Consumer DOESN'T process the bad File and an alert is generated for further dissemination		Verify
 Execute the process and Check that corrupted Files are not processed		
 Consumer DOESN'T process the corrupted File and an alert is generated for further dissemination		Verify

## MD5 File corrupted - KO FN00006195 N

*Process discards MD5 Files corrupted*

 Precondition		
 Provider sent a corrupted MD5 File		Verify
 Execute the process and Check that corrupted Files are not processed		
 Consumer DOESN'T process the corrupted File and an alert is generated for further dissemination		Verify

## File Rejection FN00006195 N

*Process rejects the Files when Trade and MD5 doesn't match*

 Precondition		
 Trade File and MD5 doesn't match		Verify
 File with bad sequential		Verify
 File with sequential number "ff" has been already received in the specific day.		Verify
 Execute the process and Check that Files are rejected		
 Files rejected		Verify

 Files rejected		Verify
 Files rejected		Verify

### C MD5 File Naming convention FN00006125 P

*Process elaborate MD5 Files with correct Filenames*

 Precondition		
 Provider sent a MD5 File		Verify
 Execute the process and Check that Files with correct Filename ( bogaXXXXYYYYMMDD_NN.md5) are correctly processed		
 Correct MD5 Files are elaborate		Verify

### C Archiving FN00006124 P

*The Consumer moves the processed File and the corresponding MD5 to its internal archive (archiving) where it is safe-kept for further review*

 Precondition		
 Trade Feed and MD5 elaborated by the consumer		Verify
 Verify the correct archiving of the processed MD5 File		
 MD5 correctly archived		Verify

### C Processing FN00006124 P

*The Consumer monitors (polling) the local directory. The Trade File is processed when the corresponding MD5 File is detected.*

 Precondition		
 Provider sent Trade and MD5 File		Verify
 Verify the polling of the local directory		
 The Trade File is processed when the corresponding MD5 File is detected.		Verify

### C MD5 Trade File FN00006124 P

*After the Trade File, the corresponding MD5 File is generated and put in the same directory*

 Precondition		
 Provider sent an Trade Feed File		Verify
 Execute the process, then go to the directory and check if the Provider put a MD5 File		
 The MD5 Trade File is available in the directory		Verify

### C File Transfer FN00006930 P

*Correct configuration of the sftp transfer*

 Precondition		
 Provider is configurated to send message		Verify
 Provider sent an Instrument Feed File		Verify
 Provider sent Instrument Feed and MD5 File		Verify
 Instrument and MD5 elaborated by the consumer		Verify
 Execute the process, then go to the directory and check if the Provider put a Instrument File File		
 The Instrument File is available in the directory		Verify

 Execute the process, then go to the directory and check if the Provider put a MD5 File		
 The MD5 Instrument File is available in the directory		Verify
 Verify the polling of the local directory		
 The Instrument Feed File is processed when the corresponding MD5 File is detected.		Verify
 Verify the correct archiving of the processed MD5 File		
 MD5 correctly archived		Verify

 File Transfer FN00006932 P		
<i>Process elaborate Instrument Files with correct Filenames</i>		
 Precondition		
 Provider sent an Instrument File		Verify
 Provider sent a MD5 File		Verify
 Execute the process and Check that Files with correct Filename (InstrumentXXXXYYYYMMDD.csv) are correctly processed		
 Correct Instrument Files are elaborated		Verify
 Execute the process and Check that Files with correct Filename (InstrumentXXXXYYYYMMDD.md5) are correctly processed		
 Correct MD5 Files are elaborate		Verify

 File Transfer FN00006932 N		
<i>Process discard Instrument Files with bad Filenames</i>		
 Precondition		
 Provider sent a bad Instrument File		Verify
 Provider sent a bad MD5 File		Verify
 Provider sent a corrupted MD5 File		Verify
 Execute the process and Check that Files with bad naming are not processed		
 Consumer DOESN'T process the bad File and an alert is generated for further dissemination		Verify
 Consumer DOESN'T process the bad File and an alert is generated for further dissemination		Verify
 Execute the process and Check that corrected Files are not processed		
 Consumer DOESN'T process the corrected File and an alert is generated for further dissemination		Verify

 File Transfer FN00008609 P		
<i>Correct configuration of the sftp transfer</i>		
 Precondition		
 Provider is configurated to send message		Verify
 Provider sent a Cash Collateral Feed File		Verify
 Execute the process, then go to the directory and check if the Provider put a Cash Collateral Feed File		
 The Cash Collateral Feed File is available in the directory		Verify

 Execute the process, then go to the directory and check if the Provider put a MD5 File		
 The MD5 Cash Collateral File is available in the directory		Verify

## C File Transfer FN00008610 P

*Process elaborate Cash Collateral Feed Files with correct Filenames*

 Precondition		
 Provider sent a Cash Collateral Feed File		Verify
 Provider sent a MD5 File		Verify
 Providers send Cash Collateral feed files for 2 markets (XVIE,XPRA)		Verify
 Execute the process and Check that Files with correct Filename ( The filename pattern is described by the following schema: "CSHYYMMDD_HHMMSS.txt") are correctly processed		
 Correct Cash Collateral Files are elaborated		Verify
 Execute the process and Check that Files with correct Filename (CSHYYMMDD_HHMMSS.md5) are correctly processed		
 Correct MD5 Files are elaborate		Verify
 Process N File in input		
 System process all the N Files correctly		Verify

## C File Transfer FN00008610 N

*Process discard Cash Collateral Feed Files with bad Filenames*

 Precondition		
 Provider sent a bad Cash Collateral Feed File		Verify
 Provider sent a bad MD5 File		Verify
 Provider sent a corrupted MD5 File		Verify
 Execute the process and Check that Files with bad naming are not processed		
 Consumer DOESN'T process the bad File and an alert is generated for further dissemination		Verify
 Consumer DOESN'T process the bad File and an alert is generated for further dissemination		Verify
 Execute the process and Check that corrected Files are not processed		
 Consumer DOESN'T process the corrected File and an alert is generated for further dissemination		Verify

## C Price Feed Exceptions FN00007665 N

*Correct managing of Price Feed Exceptions*

 Precondition		
 File not received yet at 10.50, 14.20, 18.10 (respectively)		Verify

If not received yet at 10.50, 14.20, 18.10 (respectively), then alert (WARN) CLEAR-OPS and TECH-OPS CLEAR-OPS perform manual amendments CLEAR-OPS communicate to TECH-OPS the delay reason		
Correctly managed Price Feed Exception		Verify

C File Processing FN00005834 N		
<i>The File content is bad formatted</i>		
Precondition		
File sent an Price File with a format error		Verify
Execute the process		
In case of validation errors in the processing phase, an error report is generated by the Consumer and made available in a local directory for further dissemination. The report shall contain, for each row, the discarded record and the specific error code		Verify

C Trade Feed SOD Exception FN00007663 N		
<i>Correct managing of Trade Feed SOD Exception</i>		
Precondition		
File not received yet at 10.50		Verify
If file not received yet at 10.50, exception managing in attach		
Correctly managed Trade Feed SOD Exception		Verify

C Trade Feed Intraday Exception FN00045488 N		
<i>Correct managing of Trade Feed Intraday Exception</i>		
Precondition		
File not received yet at 14.20		Verify
If file not received yet at 14.20, exception managing in attach		
Correctly managed Trade Feed Intraday Exception		Verify

C Trade Feed EOD Exception FN00045489 N		
<i>Correct managing of Trade Feed EOD Exception</i>		
Precondition		
File not received yet at 18.10		Verify
If file not received yet at 14.20, exception managing in attach		
Correctly managed Trade Feed EOD Exception		Verify

<b>C Record validation - Header length FN00006128 N</b>		
<i>KO for uncorrect header File</i>		
 Precondition		
 Provider sent a Trade File with an header that doesn't respect the length of fields		Verify
 Execute the process and check discards		
 An error report is generated and made available in a local directory for further dissemination. The report shall contain, for each row, the discarded record and the specific error code, which generated the rejection		Verify
<b>C Record validation - Termination row length FN00006128 N</b>		
<i>KO for uncorrect termination row</i>		
 Precondition		
 Provider sent a Trade File with a termination row that doesn't respect the length of fields		Verify
 Execute the process and check discards		
 An error report is generated and made available in a local directory for further dissemination. The report shall contain, for each row, the discarded record and the specific error code, which generated the rejection		Verify
<b>C Record validation - Trade data row length FN00006128 N</b>		
<i>KO for uncorrect trade data row</i>		
 Precondition		
 Provider sent a Trade File with a trade data row that doesn't respect the length of fields		Verify
 Execute the process and check discards		
 An error report is generated and made available in a local directory for further dissemination. The report shall contain, for each row, the discarded record and the specific error code, which generated the rejection		Verify
<b>C Record validation - Order rows length FN00006128 N</b>		
<i>KO for uncorrect order row</i>		
 Precondition		
 Provider sent a Trade File with a order row that doesn't respect the length of fields		Verify
 Execute the process and check discards		
 An error report is generated and made available in a local directory for further dissemination. The report shall contain, for each row, the discarded record and the specific error code, which generated the rejection		Verify
<b>C Record validation - Field format check FN00006128 N</b>		
<i>KO for uncorrect field format</i>		
 Precondition		

 Provider sent a Trade File with a field format error		Verify
 Execute the process and check discards		
 An error report is generated and made available in a local directory for further dissemination. The report shall contain, for each row, the discarded record and the specific error code, which generated the rejection		Verify
<b>C Record validation - Field value domain check FN00006128 N</b>		
<i>KO for uncorrect field value domain</i>		
 Precondition		
 Provider sent a Trade File with a field value domain error		Verify
 Execute the process and check discards		
 An error report is generated and made available in a local directory for further dissemination. The report shall contain, for each row, the discarded record and the specific error code, which generated the rejection		Verify
<b>C Record validation - validity of account codes check FN00006128 N</b>		
<i>KO for uncorrect account code</i>		
 Precondition		
 Provider sent a Trade File with an error on account codes		Verify
 Execute the process and check discards		
 An error report is generated and made available in a local directory for further dissemination. The report shall contain, for each row, the discarded record and the specific error code, which generated the rejection		Verify
<b>C Record validation - duplicate trade keys check FN00006128 N</b>		
<i>KO for duplicate trade key</i>		
 Precondition		
 Provider sent a Trade File with a duplicate on trade key		Verify
 Execute the process and check discards		
 An error report is generated and made available in a local directory for further dissemination. The report shall contain, for each row, the discarded record and the specific error code, which generated the rejection		Verify
<b>C ISIN Filtering FN00006197 N</b>		
<i>For each excluded ISIN, the user is notified by an alert of the System showing the rejected trade with details.</i>		
 Precondition		
 Provider sent a Trade File with an ISIN not present in Instrument reference data		Verify
 Execute the process		
 System process reject the record and send an alert to the user		Verify

<b>C Exchange Feed Exceptions FN00007664 N</b>		
<i>Correct managing of Exchange Rate Feed Exceptions</i>		
 Precondition		
 File not received yet at 16.15		Verify
 If not received yet at 16.15, then alert (WARN) CLEAR-OPS and TECH-OPS CLEAR-OPS perform manual amendments CLEAR-OPS communicate to TECH-OPS the delay reason		
 Correctly managed Exchange Rate Feed Exception		Verify
<b>C File Transfer Processing FN00006040 N</b>		
<i>The File content is bad formatted</i>		
 Precondition		
 Provider sent an Exchange Rate File with a format error		Verify
 Execute the process		
 In case of validation errors in the Processing phase, an error report is generated by the Consumer and made available in a local directory for further dissemination. The report shall contain, for each row, the discarded record and the specific error code		Verify
<b>C Cash collateral Exceptions FN00007670 N</b>		
<i>Correct managing of Cash Collateral Feed Exceptions</i>		
 Precondition		
 File not received yet at 9.45, 10.50, 13.20, 14.20, 16.50 (respectively)		Verify
 If file not received yet at 9.45, 10.50, 13.20, 14.20, 16.50 (respectively), Exceptions managing in attach		
 Correctly managed Cash Collateral Feed Exception		Verify
<b>C File Processing FN00008618 N</b>		
<i>Records containing an account identification code that is not registered in the system are rejected generating an alert.</i>		
 Precondition		
 Provider sent a Cash Collateral Feed File with an account identification code not registered		Verify
 Execute the process		
 Records containing an account identification code that is not registered in the system are rejected generating an alert.		Verify
<b>C File Processing FN00008615 P</b>		
<i>The field "Account number" is unique; in case multiple occurrences are detected, the last one is rejected and an alert is generated for further dissemination.</i>		

 Precondition		
 Provider sent a file with duplicated field Account Number		Verify
 Execute the process and check the record on database		
 In case multiple occurrences are detected, the last one is rejected and an alert is generated for further dissemination.		Verify

## File Processing FN00008613 N

*The File content is bad formatted*

 Precondition		
 Provider sent an Cash Collateral File with a format error		Verify
 Execute the process		
 In case of validation errors in the processing phase, an error report is generated by the Consumer and made available in a local directory for further dissemination. The report shall contain, for each row, the discarded record and the specific error code		Verify

## Instrument Feed Exceptions FN00007667 N

*Correct managing of Instrument Feed Exception*

 Precondition		
 File not received yet at 7.00		Verify
 If file not received yet at 7.00, then alert (WARN) TECH-OPS and CLEAR-OPS CLEAR-OPS to react and to carry out the error investigation - Case [Delayed] then TECH-OPS to confirm that the file has been processed CLEAR-OPS to communicate to TECH-OPS to close the case - Case [File not available] then [optional] CLEAR-OPS to manually populate Instrument Reference Data CLEAR-OPS to communicate to TECH-OPS to close the case		
 Correctly managed Instrument Feed Exception		Verify

## File Processing FN00006938 N

*The File content is bad formatted*

 Precondition		
 Provider sent an Instrument File with a format error		Verify
 Execute the process		
 In case of validation errors in the processing phase, an error report is generated by the Consumer and made available in a local directory for further dissemination. The report shall contain, for each row, the discarded record and the specific error code		Verify

<b>C File Transfer FN00006931 P</b>		
<i>Instrument File is processed before the Clearing System SOD each business day on a daily basis</i>		
 Precondition		
 Provider sent an Instrument File and a MD5 File		Verify
 Provider didn't send Instrument File		Verify
 Check the daily schedule		
 Instrument File is processed before the Clearing System SOD each business day on a daily basis		Verify
 Check that in case of missing delivery last available Instrument list is used		
 Last Instrument list processed		Verify
<b>C PAMP</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoints OK		Verify
<b>C Margin Call</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Collateral Valuation</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Position Transfer</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Position Amendment</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Position Liquidation</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Offsetting</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Delivery with Payment</b>		

 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify

### Receive with Payment

 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify

### Delivery free of Payment

 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify

### Receive free of Payment

 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify

### Offsetting

 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify

### Delivery with Payment

 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify

### Receive with Payment

 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify

### Delivery free of Payment

 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify

### Receive free of Payment

 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify

### Offsetting

 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify

### Delivery with Payment

 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Receive with Payment</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Delivery free of Payment</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Receive free of Payment</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Default Fund Deposit</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Default Fund Withdrawal</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Buy In</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Cash Settlement</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Instrument Feed Delayed</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Instrument Feed Unavailable</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Trade Feed Delayed</b>		

 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Trade Feed Unavailable</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Cash Collateral Feed Delayed</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Cash Collateral Feed Unavailable</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C MT535 Delayed</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C MT535 Unavailable</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Settlement Instructing Delayed</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Settlement Instructing Unavailable</b>		
 Execute all processes of Chain (see Excel in attach for details)		
 Checkpoint OK		Verify
<b>C Training_MT535_1.0</b>		
 Communicate with Websphere MQ		
 Request	{NULL}	Select

<input checked="" type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20635577 69746}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD86775995D8706 :23G:NEWM :98C::PREP//20190210141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDGCM11001 :17B::ACTI/Y :17B::CONS/Y :16S:GENL :16R:SUSSAFE :16R:FIN :35B:ISIN AT000B002837 :93B::AGGR//FAMT/10, :16R:SUSBAL :93B::AWAS//FAMT/10, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUSBAL :16S:FIN :16S:SUSSAFE -}"	Input
<input checked="" type="checkbox"/> Communicate	{NULL}	Select
<input checked="" type="checkbox"/> Host	10.178.25.6:1436	Input
<input checked="" type="checkbox"/> Channel	QUENCE.TO.SWCTE1.CH	Input
<input checked="" type="checkbox"/> Manager	SWCTE1	Input
<input checked="" type="checkbox"/> Endpoint	{NULL}	Select
<input checked="" type="checkbox"/> Type	Queue	Input
<input checked="" type="checkbox"/> Name	OEKBSET.TO.SWCTE1.Q	Input
<input checked="" type="checkbox"/> Authentication	{NULL}	Select
<input checked="" type="checkbox"/> Username	SWCTE1TEST	Input
<input checked="" type="checkbox"/> Password	***** ***** ***** ***** *****	Input
<input checked="" type="checkbox"/> PreAuthenticate	No	Input
<input checked="" type="checkbox"/> Send		Select
<input checked="" type="checkbox"/> Headers	{NULL}	Select
<input checked="" type="checkbox"/> DeliveryMode	Persistent	Input
<input checked="" type="checkbox"/> Priority	Normal	Input
<input checked="" type="checkbox"/> Type	MQXMIT	Input

## Training\_MT535\_2

<input checked="" type="checkbox"/> Communicate with Websphere MQ		
<input checked="" type="checkbox"/> Request	{NULL}	Select

<input type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20007754 42545}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD86545577D2111 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDRC11001 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUSSAFE :16R:FIN :35B:ISIN AT000B002852 :93B::AGGR//FAMT/100, :16R:SUSBAL :93B::AWAS//FAMT/100, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUSBAL :16S:FIN :16S:SUSSAFE -}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1436	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWCTE1.CH	Input
<input type="checkbox"/> Manager	SWCTE1	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWCTE1.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWCTE1TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

### Training\_MT535\_3

 Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select

<input type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20003333 52880}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD86346333D2222 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDDCM31003 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUSSAFE :16R:FIN :35B:ISIN AT000B003538 :93B::AGGR//FAMT/300, :16R:SUSBAL :93B::AWAS//FAMT/300, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUSBAL :16S:FIN :16S:SUSSAFE -}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1436	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWCTE1.CH	Input
<input type="checkbox"/> Manager	SWCTE1	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWCTE1.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWCTE1TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

#### Training\_MT535\_4

 Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select

<input type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20004533 62880}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD86662533D1232 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDGCM41004 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUSSAFE :16R:FIN :35B:ISIN AT000B003918 :93B::AGGR//FAMT/600, :16R:SUSBAL :93B::AWAS//FAMT/600, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUSBAL :16S:FIN :16S:SUSSAFE -}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1436	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWCTE1.CH	Input
<input type="checkbox"/> Manager	SWCTE1	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWCTE1.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWCTE1TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

## Training\_MT535\_5

 Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select

<input type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20007764 42880}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD87564472D2222 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDRC41004 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUSSAFE :16R:FIN :35B:ISIN AT000B003561 :93B::AGGR//FAMT/60, :16R:SUSBAL :93B::AWAS//FAMT/60, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUSBAL :16S:FIN :16S:SUSSAFE -}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1436	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWCTE1.CH	Input
<input type="checkbox"/> Manager	SWCTE1	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWCTE1.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWCTE1TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

## Training\_MT535\_6

 Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select

<input type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20070658 86680}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD87066572D2222 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDNCM51005 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUSSAFE :16R:FIN :35B:ISIN AT000B004833 :93B::AGGR//FAMT/70, :16R:SUSBAL :93B::AWAS//FAMT/70, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUSBAL :16S:FIN :16S:SUSSAFE -}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1436	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWCTE1.CH	Input
<input type="checkbox"/> Manager	SWCTE1	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWCTE1.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWCTE1TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

## Training\_MT535\_7

 Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select

<input type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20227671 92880}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD89977222D2222 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDNCM5221005 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUBSAFE :16R:FIN :35B:ISIN AT000B014105 :93B::AGGR//FAMT/80, :16R:SUBBAL :93B::AWAS//FAMT/80, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUBBAL :16S:FIN :16S:SUBSAFE -}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1436	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWCTE1.CH	Input
<input type="checkbox"/> Manager	SWCTE1	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWCTE1.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWCTE1TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

### Training\_MT535\_8

 Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select

<input type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20009449 92880}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD89724472D2222 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDRC61006 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUSSAFE :16R:FIN :35B:ISIN AT000B006986 :93B::AGGR//FAMT/90, :16R:SUSBAL :93B::AWAS//FAMT/90, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUSBAL :16S:FIN :16S:SUSSAFE -}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1436	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWCTE1.CH	Input
<input type="checkbox"/> Manager	SWCTE1	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWCTE1.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWCTE1TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

### Training\_MT535\_9

 Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select

<input type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20005573 92880}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD89553572D2222 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDNCM21012 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUSSAFE :16R:FIN :35B:ISIN AT000B009410 :93B::AGGR//FAMT/500, :16R:SUSBAL :93B::AWAS//FAMT/500, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUSBAL :16S:FIN :16S:SUSSAFE -}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1436	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWCTE1.CH	Input
<input type="checkbox"/> Manager	SWCTE1	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWCTE1.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWCTE1TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

### Training\_MT535\_10

 Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select

<input type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20005529 92880}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD89174555D2222 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDNCM21112 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUSSAFE :16R:FIN :35B:ISIN AT000B004221 :93B::AGGR//FAMT/700, :16R:SUSBAL :93B::AWAS//FAMT/700, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUSBAL :16S:FIN :16S:SUSSAFE -}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1436	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWCTE1.CH	Input
<input type="checkbox"/> Manager	SWCTE1	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWCTE1.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWCTE1TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

### Training\_MT535\_1.1

 Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select

<input type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20116775 32880}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD86437577D2110 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDGCM11001 :17B::ACTI//Y :17B::CONS//Y :16S:GENL :16R:SUSSAFE :16R:FIN :35B:ISIN AT000B003538 :93B::AGGR//FAMT/400, :16R:SUSBAL :93B::AWAS//FAMT/400, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUSBAL :16S:FIN :16S:SUSSAFE -}"	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1436	Input
<input type="checkbox"/> Channel	QUENCE.TO.SWCTE1.CH	Input
<input type="checkbox"/> Manager	SWCTE1	Input
<input type="checkbox"/> Endpoint	{NULL}	Select
<input type="checkbox"/> Type	Queue	Input
<input type="checkbox"/> Name	OEKBSET.TO.SWCTE1.Q	Input
<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWCTE1TEST	Input
<input type="checkbox"/> Password		Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

## Training\_MT535\_1.2

 Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select

<input checked="" type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 535CAAHATW0XXXXN}{3:{108:20115564 32760}}{4: :16R:GENL :28E:1/ONLY :20C::SEME//PRD86766172D2410 :23G:NEWM :98C::PREP//20190221141043 :98A::STAT//20190221 :22F::SFRE//ADHO :22F::CODE//COMP :22F::STTY//CUST :22F::STBA//SETT :97A::SAFE//OCSDGCM11001 :17B::ACTI/Y :17B::CONS/Y :16S:GENL :16R:SUSSAFE :16R:FIN :35B:ISIN AT000B009410 :93B::AGGR//FAMT/40, :16R:SUSBAL :93B::AWAS//FAMT/40, :94F::SAFE//NCSD/OCSDATWWXXX :70C::SUBB//TYPE OF SAFEKEEPING/GS :16S:SUSBAL :16S:FIN :16S:SUSSAFE -}"	Input
<input checked="" type="checkbox"/> Communicate	{NULL}	Select
<input checked="" type="checkbox"/> Host	10.178.25.6:1436	Input
<input checked="" type="checkbox"/> Channel	QUENCE.TO.SWCTE1.CH	Input
<input checked="" type="checkbox"/> Manager	SWCTE1	Input
<input checked="" type="checkbox"/> Endpoint	{NULL}	Select
<input checked="" type="checkbox"/> Type	Queue	Input
<input checked="" type="checkbox"/> Name	OEKBSET.TO.SWCTE1.Q	Input
<input checked="" type="checkbox"/> Authentication	{NULL}	Select
<input checked="" type="checkbox"/> Username	SWCTE1TEST	Input
<input checked="" type="checkbox"/> Password		Input
<input checked="" type="checkbox"/> PreAuthenticate	No	Input
<input checked="" type="checkbox"/> Send		Select
<input checked="" type="checkbox"/> Headers	{NULL}	Select
<input checked="" type="checkbox"/> DeliveryMode	Persistent	Input
<input checked="" type="checkbox"/> Priority	Normal	Input
<input checked="" type="checkbox"/> Type	MQXMIT	Input

## Training\_MT544

<input checked="" type="checkbox"/> Communicate with Websphere MQ		
<input checked="" type="checkbox"/> Request	{NULL}	Select

<input checked="" type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 544CAAHATW0XXXXN}{3:{108:21440120 35123}}{4: :16R:GENL :20C::SEME//2019050885284123 :23G:NEWM :98C::PREP//20190430214113 :22F::PARS//PAIN :16R:LINK :20C::RELA//2019062100114801 :16S:LINK :16R:LINK :20C::MITI//1906201234567890 :16S:LINK :16S:GENL :16R:TRADDET :98A::SETT//20190620 :98A::TRAD//20190618 :98C::ESET//20190626090500 :35B:ISIN AT0000640552 :16S:TRADDET :16R:FIAC :36B::ESTT//UNIT/28, :36B::RSTT//UNIT/40, :97A::SAFE//OCSD240000 :16S:FIAC :16R:SETDET :22F::SETR//TRAD :22F::STCO//PART :22F::CCPT//YCCP :16R:SETPRTY :95P::PSET//OCSDATWWXXX :16S:SETPRTY :16R:SETPRTY :95P::DEAG//GCMDTESTXXX :16S:SETPRTY :16S:SETDET :} "	Input
<input checked="" type="checkbox"/> Communicate	{NULL}	Select
<input checked="" type="checkbox"/> Host	10.178.25.6:1436	Input
<input checked="" type="checkbox"/> Channel	QUENCE.TO.SWCTE1.CH	Input
<input checked="" type="checkbox"/> Manager	SWCTE1	Input
<input checked="" type="checkbox"/> Endpoint	{NULL}	Select
<input checked="" type="checkbox"/> Type	Queue	Input
<input checked="" type="checkbox"/> Name	OEKBSET.TO.SWCTE1.Q	Input
<input checked="" type="checkbox"/> Authentication	{NULL}	Select
<input checked="" type="checkbox"/> Username	SWCTE1TEST	Input
<input checked="" type="checkbox"/> Password	***** ***** ***** ***** *****	Input
<input checked="" type="checkbox"/> PreAuthenticate	No	Input
<input checked="" type="checkbox"/> Send		Select
<input checked="" type="checkbox"/> Headers	{NULL}	Select
<input checked="" type="checkbox"/> DeliveryMode	Persistent	Input

<input checked="" type="checkbox"/> Priority	Normal	Input
<input checked="" type="checkbox"/> Type	MQXMIT	Input

C Training_MT545		
<input checked="" type="checkbox"/> Communicate with Websphere MQ		
<input checked="" type="checkbox"/> Request	{NULL}	Select
<input checked="" type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 545CAAHATW0XXXXN}{3:{108:21440067 48879}}{4: :16R:GENL :20C::SEME//3465513466700879 :23G:NEWM :98C::PREP//20190430214113 :22F::PARS//PAIN :16R:LINK :20C::RELA//2019062000079701 :16S:LINK :16R:LINK :20C::MITI//0620000000000000 :16S:LINK :16S:GENL :16R:TRADDET :98A::SETT//20190611 :98A::TRAD//20190606 :98C::ESET//20190626091500 :35B:ISIN AT00000FACC2 :16S:TRADDET :16R:FIAC :36B::ESTT//UNIT/3000, :36B::RSTT//UNIT/2272, :19A::RSTT//EUR28499,49 :97A::SAFE//OCSD240000 :97A::CASH//CATEURCAAHATWWXXX01 :16S:FIAC :16R:SETDET :22F::STCO/COEX/PARQ :22F::SETR//TRAD :22F::SSBT/RT/AWAS :16R:SETPRTY :95P::DEAG//CENBATWWXXX :16S:SETPRTY :16R:SETPRTY :95P::PSET//OCSDATWWXXX :16S:SETPRTY :16R:AMT :19A::ESTT//EUR37631,38 :16S:AMT :16S:SETDET -} "	Input
<input checked="" type="checkbox"/> Communicate	{NULL}	Select
<input checked="" type="checkbox"/> Host	10.178.25.6:1436	Input
<input checked="" type="checkbox"/> Channel	QUENCE.TO.SWCTE1.CH	Input
<input checked="" type="checkbox"/> Manager	SWCTE1	Input
<input checked="" type="checkbox"/> Endpoint	{NULL}	Select
<input checked="" type="checkbox"/> Type	Queue	Input
<input checked="" type="checkbox"/> Name	OEKBSET.TO.SWCTE1.Q	Input

<input type="checkbox"/> Authentication	{NULL}	Select
<input type="checkbox"/> Username	SWCTE1TEST	Input
<input type="checkbox"/> Password	***** ***** ***** ***** *****	Input
<input type="checkbox"/> PreAuthenticate	No	Input
<input type="checkbox"/> Send		Select
<input type="checkbox"/> Headers	{NULL}	Select
<input type="checkbox"/> DeliveryMode	Persistent	Input
<input type="checkbox"/> Priority	Normal	Input
<input type="checkbox"/> Type	MQXMIT	Input

## C Training\_MT546

<input type="checkbox"/> Communicate with Websphere MQ		
<input type="checkbox"/> Request	{NULL}	Select
<input type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 546CAAHATW0XXXXN}{3:{108:21440899 32987}}{4: :16R:GENL :20C::SEME//2019050984274987 :23G:NEWM :98C::PREP//20190430214113 :22F::PARS//PAIN :16R:LINK :20C::RELA//2019062100115101 :16S:LINK :16R:LINK :20C::MITI//1906201234567890 :16S:LINK :16S:GENL :16R:TRADDET :98A::SETT//20190620 :98A::TRAD//20190618 :98C::ESET//20190626090500 :35B:ISIN AT0000640552 :16S:TRADDET :16R:FIAC :36B::ESTT//UNIT/31, :36B::RSTT//UNIT/37, :97A::SAFE//OCSD240000 :16S:FIAC :16R:SETDET :22F::SETR//TRAD :22F::STCO//PART :16R:SETPRTY :95P::PSET//OCSDATWWXXX :16S:SETPRTY :16R:SETPRTY :95P::REAG//GCMDTESTXXX :16S:SETPRTY :16S:SETDET -} "	Input
<input type="checkbox"/> Communicate	{NULL}	Select
<input type="checkbox"/> Host	10.178.25.6:1436	Input

■ Channel	QUENCE.TO.SWCTE1.CH	Input
■ Manager	SWCTE1	Input
■ Endpoint	{NULL}	Select
■ Type	Queue	Input
■ Name	OEKBSET.TO.SWCTE1.Q	Input
■ Authentication	{NULL}	Select
■ Username	SWCTE1TEST	Input
■ Password	***** ***** ***** ***** *****	Input
■ PreAuthenticate	No	Input
■ Send		Select
■ Headers	{NULL}	Select
■ DeliveryMode	Persistent	Input
■ Priority	Normal	Input
■ Type	MQXMIT	Input

### Training\_MT547

 Communicate with Websphere MQ		
 Request	{NULL}	Select

■ Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 547CAAHATW0XXXXN}{3:{108:21440560 32369}}{4: :16R:GENL :20C::SEME//3465519465391 :23G:NEWM :98C::PREP//20181029100549 :22F::PARS//PAIN :16R:LINK :20C::RELA//2019062100131201 :16S:LINK :16R:LINK :20C::MITI//06200000000000 :16S:LINK :16S:GENL :16R:TRADDET :98A::SETT//20190620 :98A::TRAD//20190618 :98C::ESET//20190626093000 :35B:ISIN AT0000776307 :16S:TRADDET :16R:FIAC :36B::ESTT//UNIT/150, :36B::RSTT//UNIT/50, :19A::RSTT//EUR110,00 :97A::SAFE//OCSD240000 :97A::CASH//CATEURCAAHATWWXXX01 :16S:FIAC :16R:SETDET :22F::STCO/COEX/PARQ :22F::SETR//TRAD :22F::SSBT/RT/AWAS :16R:SETPRTY :95P::PSET//OCSDATWWXXX :16S:SETPRTY :16R:SETPRTY :95P::REAG//DCMCTESTXXX :16S:SETPRTY :16R:AMT :19A::ESTT//EUR330,00 :16S:AMT :16S:SETDET -} "	Input
■ Communicate	{NULL}	Select
■ Host	10.178.25.6:1436	Input
■ Channel	QUENCE.TO.SWCTE1.CH	Input
■ Manager	SWCTE1	Input
■ Endpoint	{NULL}	Select
■ Type	Queue	Input
■ Name	OEKBSET.TO.SWCTE1.Q	Input
■ Authentication	{NULL}	Select
■ Username	SWCTE1TEST	Input
■ Password	***** ***** ***** *****	Input
■ PreAuthenticate	No	Input

<input checked="" type="checkbox"/> Send		Select
<input checked="" type="checkbox"/> Headers	{NULL}	Select
<input checked="" type="checkbox"/> DeliveryMode	Persistent	Input
<input checked="" type="checkbox"/> Priority	Normal	Input
<input checked="" type="checkbox"/> Type	MQXMIT	Input

## C Training\_MT548

<input checked="" type="checkbox"/> Communicate with Websphere MQ		
<input checked="" type="checkbox"/> Request	{NULL}	Select
<input checked="" type="checkbox"/> Value	"{1:F01OCSDATW0XXXX2014000000}{2:I 548CAAHATW0XXXXN}{3:{108:21430790 32479}}{4: :16R:GENL :20C::SEME//2879159099779 :23G:INST :98C::PREP//20180411162305 :16R:LINK :20C::RELA//2019062000013902 :16S:LINK :16R:LINK :20C::MITI//1804101847772503 :16S:LINK :16R:STAT :25D::IPRC//CAND :16R:REAS :24B::CAND//CANI :70D::REAS//Cancelled by Yourself :16S:REAS :16S:STAT :16S:GENL :16R:SETTRAN :35B:ISIN AT000AGRANA3 :36B::SETT//UNIT/740, :19A::SETT//EUR14005,82 :97A::SAFE//OCSD240000 :22F::SETR//TRAD :22F::STCO//NPAR :22H::REDE//RECE :22H::PAYM//APMT :98A::TRAD//20190606 :98A::SETT//20190611 :16R:SETPRTY :95P::DEAG//SETTLBICXXX :16S:SETPRTY :16R:SETPRTY :95P::PSET//OCSDATWWXXX :16S:SETPRTY :16S:SETTRAN -} "	Input
<input checked="" type="checkbox"/> Communicate	{NULL}	Select
<input checked="" type="checkbox"/> Host	10.178.25.6:1436	Input
<input checked="" type="checkbox"/> Channel	QUENCE.TO.SWCTE1.CH	Input
<input checked="" type="checkbox"/> Manager	SWCTE1	Input
<input checked="" type="checkbox"/> Endpoint	{NULL}	Select
<input checked="" type="checkbox"/> Type	Queue	Input

■ Name	OEKBSET.TO.SWCTE1.Q	Input
■ Authentication	{NULL}	Select
■ Username	SWCTE1TEST	Input
■ Password	***** ***** ***** ***** *****	Input
■ PreAuthenticate	No	Input
■ Send		Select
■ Headers	{NULL}	Select
■ DeliveryMode	Persistent	Input
■ Priority	Normal	Input
■ Type	MQXMIT	Input