



What's New 6.1.4 Release, December 2019

What's New? 6.1.4 Release

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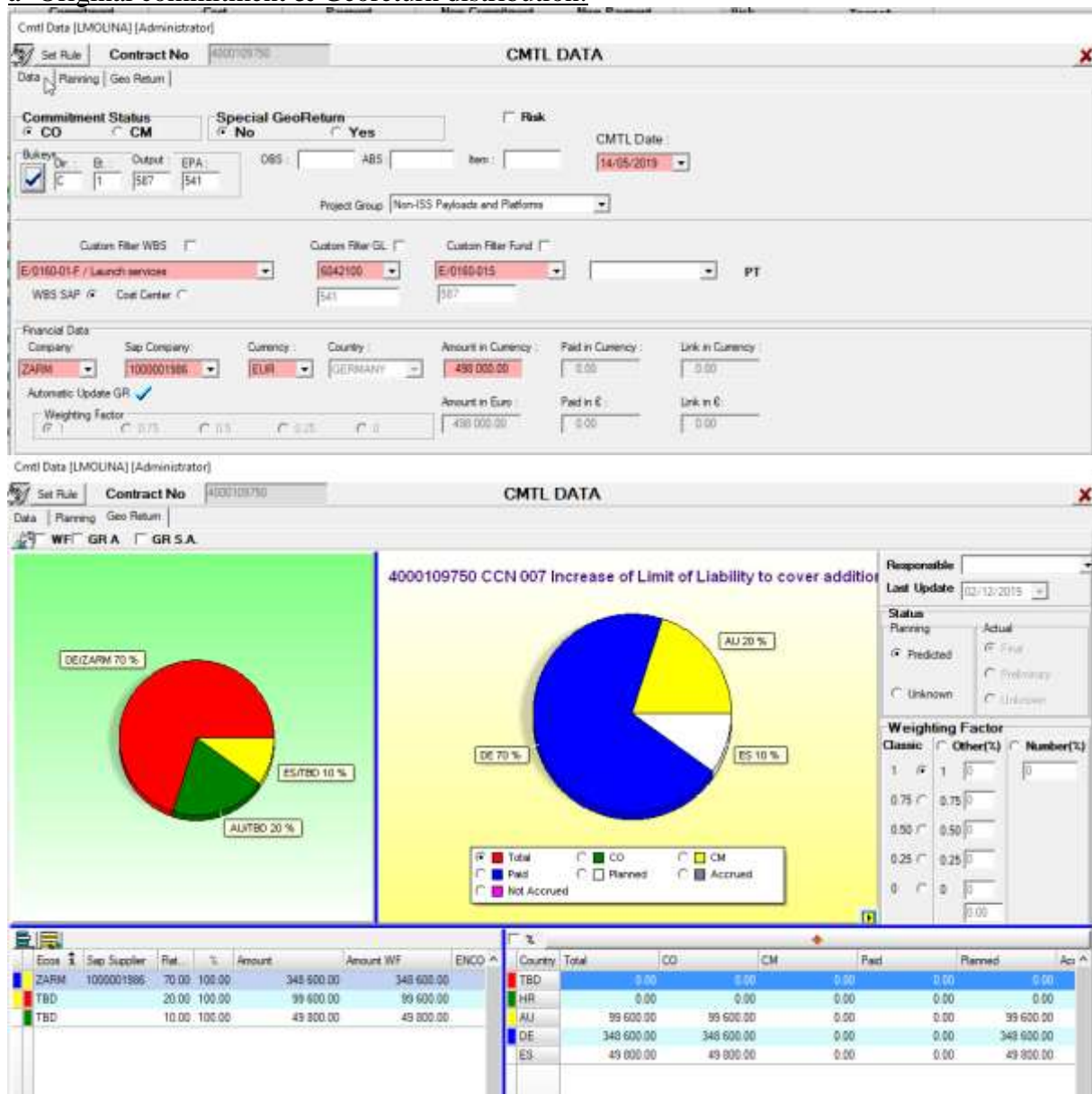
New Features in Version 6.1.4

Update proportionally Georeturn

Whenever the amount of a commitment with a multiple Georeturn distribution (at least 2) is modified, this new feature will allow users to choose whether to update the defined/special Georeturn distribution proportionally or not. To inform users and apply the update Georeturn accordingly, a message is popping up within the CMTL DATA window, as soon as the amount is changed. Same process via "Duplicate and Open".

If the user choose to -not update proportionally- the current Georeturn distribution, then the database is creating a TBD line of the added amount (+/-). Please note, negative TBD Georeturn will not be validated as such and shall be distributed manually.

a- Original commitment & Georeturn distribution:



b- Committed amount decreased and proportionally Georeturn distribution update selected (ratio per country remains):

Cmtl Data [LMOLINA] [Administrator]

Set Rule Contract No 4000109750 CMTL DATA

Data Planning Geo Return

Commitment Status ☒ CO ☐ CM Special GeoReturn ☒ No ☐ Yes Risk ☐

Buyer: De: Output: EPA: OBS: ABS: Item: CMTL Date: 14/05/2019

Project Group: Non-SS Payloads and Platforms

Custom Filter WBS: E/0160-01-F / Launch services Custom Filter GL: 6042100 Custom Filter Fund: E/0160-015 PT

WBS SAP ☒ Cost Center ☐ 541 507

Financial Data: Company: Sap Company: Currency: Country: Amount in Currency: Paid in Currency: Link in Currency: ZARM 1000001986 EUR GERMANY 455 000.00 0.00 0.00

Automatic Update GR ☒ Weighting Factor: 0.75 0.5 0.25 0 455 000.00 0.00 0.00

Avertissement: Do you want to update the Georeturn proportionally? If No, the delta will be assigned to TBD. Oui Non

Cmtl Data [LMOLINA] [Administrator]

Set Rule Contract No 4000109750 CMTL DATA

Data Planning Geo Return

WFS GR A GR S.A.

4000109750 CCN 007 Increase of Limit of Liability to cover addition

DE(ZARM 70 %) ES(TBD 10 %) AU(TBD 20 %)

DE 70 % AU 20 % ES 10 %

Responsible: Last Update: 02/12/2019

Status: Planning ☒ Predicted ☐ Unknown ☐ Actual ☒ First ☐ Partnership ☐ Unknown

Weighting Factor: Classic: ☐ Other(%): ☐ Number(%): ☐

Ecos	Sap Supplier	Rel.	%	Amount	Amount WF	ENCO
ZARM	1000001986	70.00	100.00	315 000.00	315 000.00	
TBD		20.00	100.00	90 000.00	90 000.00	
TBD		10.00	100.00	45 000.00	45 000.00	

Country	Total	CO	CM	Paid	Planned	Acc
TBD	0.00	0.00	0.00	0.00	0.00	0.00
HR	0.00	0.00	0.00	0.00	0.00	0.00
AU	90 000.00	90 000.00	0.00	0.00	0.00	90 000.00
DE	315 000.00	315 000.00	0.00	0.00	0.00	315 000.00
ES	45 000.00	45 000.00	0.00	0.00	0.00	45 000.00
Total	450 000.00	450 000.00	0.00	0.00	0.00	450 000.00

c- Committed amount decreased and proportionally Georeturn distribution not updated, but creation of a TBD delta assigned to a negative Georeturn line:

Cmtl Data [LMOLINA] [Administrator]

Set Rule Contract No. 4000109750 CMTL DATA

Data Planning Geo Return

Commitment Status ☒ CO ☐ CM Special GeoReturn ☒ No ☐ Yes Risk ☐

Buyers: Dr: Output: EPA: OBS: ABS: Item: CMTL Date: 14/05/2019

Project Group: Non-SS Payloads and Platforms

Custom Filter WBS: ☐ Custom Filter GL: ☐ Custom Filter Fund: ☐

E/0160-014 / Launch services 6042100 E/0160-015 PT

WBS SAP: ☒ Cost Center: 541 537

Financial Data

Company: Sap Company: Currency: Country: Amount in Currency: Paid in Currency: Link in Currency:

ZARM 1000001986 EUR GERMANY 450 000.00 0.00 0.00

Automatic Update GR: ☒

Weighting Factor: 0.75 0.5 0.25 0 Amount in Euro: 450 000.00 Paid in Euro: 0.00 Link in Euro: 0.00

Comment:

Avertissement

Do you want to update the Georeturn proportionally ?
If No, the delta will be assigned to TBD.

Oui Non

Cmtl Data [LMOLINA] [Administrator]

Set Rule Contract No. 4000109750 CMTL DATA

Data Planning Geo Return

WF GR A GR S.A.

4000109750 CCN 007 Increase of Limit of Liability to cover addition

DE/ZARM 63.85 % AU/TBD 18.24 % TBD/TBD 8.79 % ES/TBD 9.12 %

DE 63.85 % AU 18.24 % TBD 8.79 % ES 9.12 %

Legend: Total, Paid, Planned, Accrued, CO, CM, Not Accrued

Responsible: Last Update: 02/12/2019

Status: Planning, Actual, Predicted, Final, Preliminary, Unknown

Weighting Factor: Classic, Other(%), Number(%)

Country	Total	CO	CM	Paid	Planned	Accrued
TBD	- 48 000.00	- 48 000.00	0.00	0.00	0.00	- 48 000.00
HR	0.00	0.00	0.00	0.00	0.00	0.00
AU	99 600.00	99 600.00	0.00	0.00	0.00	99 600.00
DE	348 600.00	348 600.00	0.00	0.00	0.00	348 600.00
ES	49 800.00	49 800.00	0.00	0.00	0.00	49 800.00
Total	450 000.00	450 000.00	0.00	0.00	0.00	450 000.00

d- Committed amount increased and proportionally Georeturn distribution update not selected, resulting in the creation of a single positive TBD line:

Cmtl Data [LMOLINA] [Administrator]

Set Rule Contract No 4000109750 CMTL DATA

Data Planning Geo Return

Commitment Status: ☒ CO ☐ CM Special GeoReturn: ☒ No ☐ Yes Risk: ☐ Risk CMTL Date: 14/05/2019

Bukeys: ☒ C ☐ B: 1 ☐ Output: 567 ☐ EPA: 541 OBS: ABS: Item: Project Group: Non-SS Payloads and Platforms

Custom Filter WBS: ☐ Custom Filter GL: ☐ Custom Filter Fund: ☐ PT

E/0150-01-F / Launch services 6042100 E-0160-015 541 567

WBS SAP: ☒ Cost Center: ☐

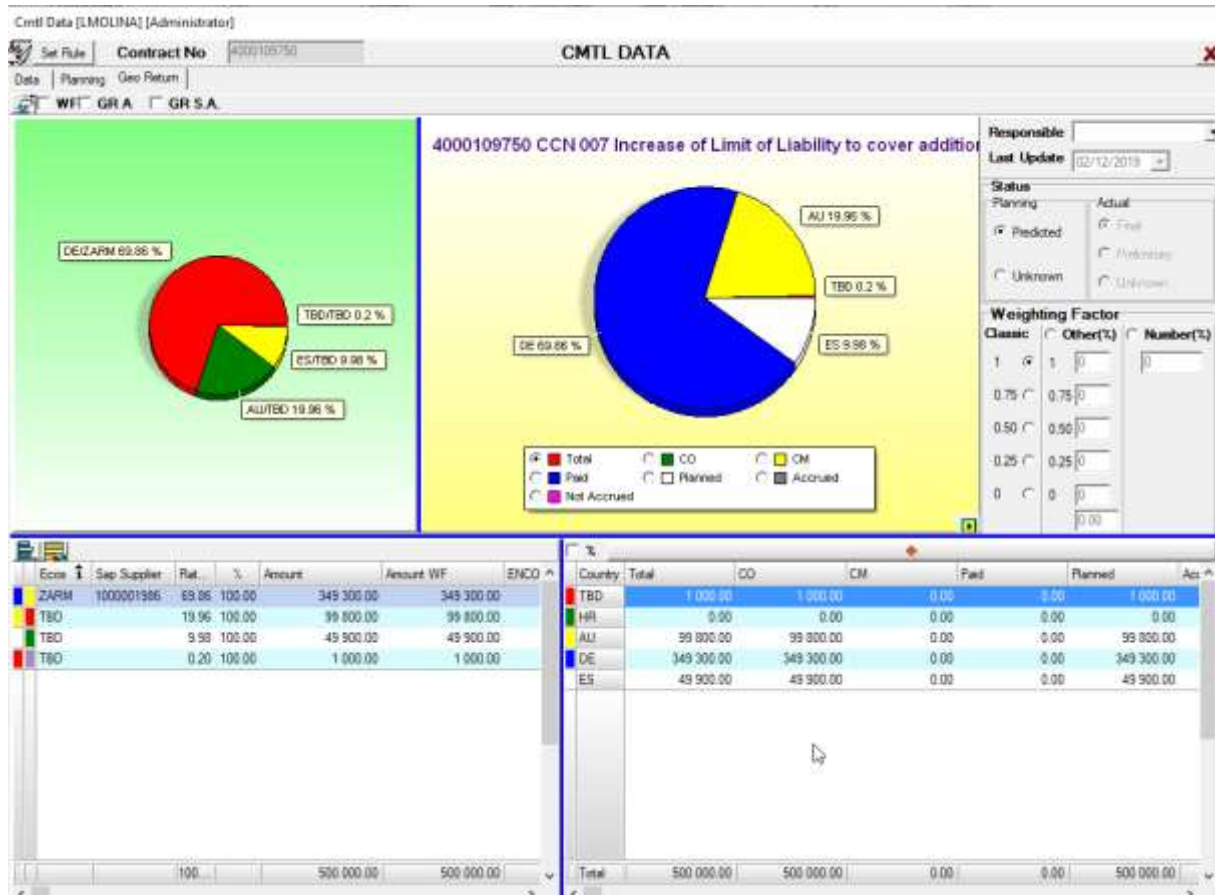
Financial Data: Company: ZARM Sap Company: 1000001986 Currency: EUR Country: GERMANY Amount in Currency: 500 000.00 Paid in Currency: 0.00 Link in Currency: 0.00

Automatic Update GR: ☒ Weighting Factor: ☒ 1 ☐ 0.75 ☐ 0.5 ☐ 0.25 ☐ 0 Amount in Euro: 500 000.00 Paid in Euro: 0.00 Link in Euro: 0.00

Avertissement

Do you want to update the Georeturn proportionally ?
If No, the delta will be assigned to TBD.

Quit Non



WPM Project/Fund

New tick box "All Funds"

This new tick box "All Funds" was requested by the IPCDB administrator and allows users to access to all funds drop down list, even though the "personal Filter" is ticked within the WPM.



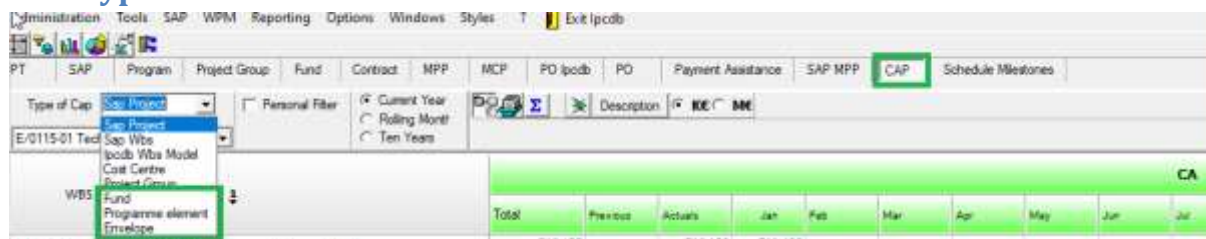
Fixed Bugs from the 6.1.4 Version

No Mantis	Tab	Description
0001411	GeoReturn	Creature an option for user to choose to update a complex Georturn distribution proportionally or not
0001238	GeoReturn	GeoReturn amount automatically re-calculated when CMTL amount changes
0001244	Tab CAP	Dynamic CAP View - Item 4 - Add "Program", "Segment" or "fund" queries
0001300	Workforce Planning Module	2.7 WPM Improvement; Formater les nombres de la grille avec 3 chiffres après la virgule, en rouge si négatif, en bleu si CJI3 calculé
0001306	Workforce Planning Module	WPM Regression DVPT: Les taux rentrés sous les catégories « Manpower Cat C Industrial » et « Class E : AdmITFM » s'auto écrasent
0001368	Tab CAP	CMTL of 0€ ignored in the CAP View
0001385	Tab CAP	Cap view filtering out CMTL at zero
0001413	Georeturn	Georeturn: proportionally Georeturn distribution lost whenever duplicate CMT is saved in CO
0001410	Commitment line screen	Default PT: Create a new feature "default IPCDB WP" with the CMT windows when user creates a new CMT
0001367	Commitment line screen	Default PT: cannot always select "create default IPCDB WP", but only existing WP
0001369	tab CAP	CAP PG & Fund: Missing part of WBS coding in this type of CAP
0001425	Workforce	2.2 WPM: Please add a button "All funds" to access to all funds

No Mantis	Tab	Description
0001411	GeoReturn	Creature an option for user to choose to update a complex Georturn distribution proportionally or not
0001238	GeoReturn	GeoReturn amount automatically re-calculated when CMTL amount changes
	Planning Module	even when "personal filter" is ticked
0000962	Work Request	04-EROS Compare report
0001218	General IPCDB	03- instal exe pour IPCDB et BO
0001309	Business Objects	00- BO IPCDB baseline comparison by RBS?
0001308	Business Objects	00- BO IPCDB baseline comparison by fund01 01 update
0001196	Business Objects	00-BUG BO Chart konstantin montant top 10 EVT CTR pas bon!

Revisions in version 6.1.3

New types of CAPs



CAP Fund

[BASE: IPCDB] [SCHEMA: esa] [USER: LMOLINA] [ROLE: Administrator] 6.1.3.19

Administration Tools SAP WPM Reporting Options Windows Styles ? Exit Ipcdb

PT	SAP	Program	Project Group	Fund	Contract	MPP	MCP	PO Ipcdb	PO	Payment Assistance	SAP MPP	CAP
Type of Cap Fund												
E/0118-01 - Nodes												
1100589 - Early Activities												
1100590 - Human Expl. & Trans.												
1100610 - Basic Technology												
1100615 - TEC Basic Technical Activ												
1100733 - MSTP-ERA 96 onwards												
1100735 - MSTP-ERA Additional Cor												
1100870 - HRE 3rd Party Proj.												
1100876 - IPCDB Fund @MB1-GLOV												
1100894 - OPS 3rd Party EU Projects												
1100940 - GSTP Period 2												
1100947 - GSTP Period 3												
COMM - Corp. Communication												
CORP - Corporate governance												
E/0001-01 - EOEP-1 GOCE												
E/0100-01 - Col. Mod & gr. Segm.												
E/0101-01P - ISS Infrast. Sustainabil												
E/0101-01Q - Infrast. Sust.E3P Perio												
E/0101-01R - ISS Infrastructure Sust												
E/0101-01W - ISS Infrastructure Sust												
E/0101-01X - ISS Infrastructure Sust												
E/0102-01 - ISS Dev. Prog												
E/0102-01Q - Columbus Engineering												
E/0102-02Q - Columbus Engineering												
E/0102-03Q - Columbus Engineering												
E/0103-01 - ISS Expl. Progr. Mng.												
E/0103-01P - ISS Expl. Progr. Mng. 3												
E/0103-01Q - Expl.Prog.Mng.E3P Per												
E/0103-01R - ISS Expl.Progr. Mng												
E/0103-01W - ISS Programme Manag												
E/0103-01X - ISS Expl. Progr.Mng. SI												
E/0103-02Q - Expl.Prog.Mng.E3P Per												
E/0103-03Q - ISS Exploitation Progr												
E/0104-01 - Columbus Ops to 2010												
E/0104-01J - Columbus Ops to 2010												
E/0104-01M - Columbus Ops to 2010												
E/0104-01N - Columbus Ops to 2010												
E/0104-01R - Columbus Ops to 2010												
E/0104-01S - Columbus Ops to 2010												
E/0104-01T - Columbus Ops to 2010												
E/0104-01Y - Columbus Ops to 2010												

Personal Filter		Current Year		Description		KE ME	
Rolling Month							
Ten Years							

Total	Previous	Actuals	Jan	Feb	Mar
15.710	15.710				
474.551	474.551				
193 868.828	193 868.828				
2 500.000	2 500.000				
196 859.089	196 859.089				

Group	SAP WBS	Contract Event	IPCDB WBS	Contract Desc.	Fund
	E/0118-01	BASIC CTR	MS INCO I 550 INTERNAL COST...	TEC & OPS Techn...	E/0118-01
	E/0118-01	BASIC CTR	MS INCO I 550 INTERNAL COST...	TEC & OPS Techn...	E/0118-01
	E/0118-01	BASIC CTR	MS INCO I 550 INTERNAL COST...	Secondment cost i...	E/0118-01
	E/0118-01	BASIC CTR	MS INCO I 550 INTERNAL COST...	SME cost indirect...	E/0118-01
	E/0118-01	BASIC CTR	MS INCO I 550 INTERNAL COST...	TEC & OPS Techn...	E/0118-01

Administration Tools SAP WPM Reporting Options Windows Styles ? Exit Ipcdb

PT	SAP	Program	Project Group	Fund	Contract	MPP	MCP	PO Ipcdb	PO	Payment Assistance	SAP MPP	CAP
Type of Cap Fund												
E/0118-01 - Nodes												
1100589 - Early Activities												
1100590 - Human Expl. & Trans.												
1100610 - Basic Technology												
1100615 - TEC Basic Technical Activ												
1100733 - MSTP-ERA 96 onwards												
1100735 - MSTP-ERA Additional Cor												
1100870 - HRE 3rd Party Proj.												
1100876 - IPCDB Fund @MB1-GLOV												
1100894 - OPS 3rd Party EU Projects												
1100940 - GSTP Period 2												
1100947 - GSTP Period 3												
COMM - Corp. Communication												
CORP - Corporate governance												
E/0001-01 - EOEP-1 GOCE												
E/0100-01 - Col. Mod & gr. Segm.												
E/0101-01P - ISS Infrast. Sustainabil												
E/0101-01Q - Infrast. Sust.E3P Perio												
E/0101-01R - ISS Infrastructure Sust												
E/0101-01W - ISS Infrastructure Sust												
E/0101-01X - ISS Infrastructure Sust												
E/0102-01 - ISS Dev. Prog												
E/0102-01Q - Columbus Engineering												
E/0102-02Q - Columbus Engineering												
E/0102-03Q - Columbus Engineering												
E/0103-01 - ISS Expl. Progr. Mng.												
E/0103-01P - ISS Expl. Progr. Mng. 3												
E/0103-01Q - Expl.Prog.Mng.E3P Per												
E/0103-01R - ISS Expl.Progr. Mng												
E/0103-01W - ISS Programme Manag												
E/0103-01X - ISS Expl. Progr.Mng. SI												
E/0103-02Q - Expl.Prog.Mng.E3P Per												
E/0103-03Q - ISS Exploitation Progr												
E/0104-01 - Columbus Ops to 2010												
E/0104-01J - Columbus Ops to 2010												
E/0104-01M - Columbus Ops to 2010												
E/0104-01N - Columbus Ops to 2010												
E/0104-01R - Columbus Ops to 2010												
E/0104-01S - Columbus Ops to 2010												
E/0104-01T - Columbus Ops to 2010												
E/0104-01Y - Columbus Ops to 2010												

Personal Filter		Current Year		Description		KE ME	
Rolling Month							
Ten Years							

Total	Previous	Actuals	Jan	Feb	Mar
15.710	15.710				
474.551	474.551				
193 868.828	193 868.828				
2 500.000	2 500.000				
196 859.089	196 859.089				

Group	SAP WBS	Contract Event	IPCDB WBS	Contract Desc.	Fund
	E/0118-01	BASIC CTR	MS INCO I 550 INTERNAL COST...	TEC & OPS Techn...	E/0118-01
	E/0118-01	BASIC CTR	MS INCO I 550 INTERNAL COST...	TEC & OPS Techn...	E/0118-01
	E/0118-01	BASIC CTR	MS INCO I 550 INTERNAL COST...	Secondment cost i...	E/0118-01
	E/0118-01	BASIC CTR	MS INCO I 550 INTERNAL COST...	SME cost indirect...	E/0118-01
	E/0118-01	BASIC CTR	MS INCO I 550 INTERNAL COST...	TEC & OPS Techn...	E/0118-01

CAP Envelope

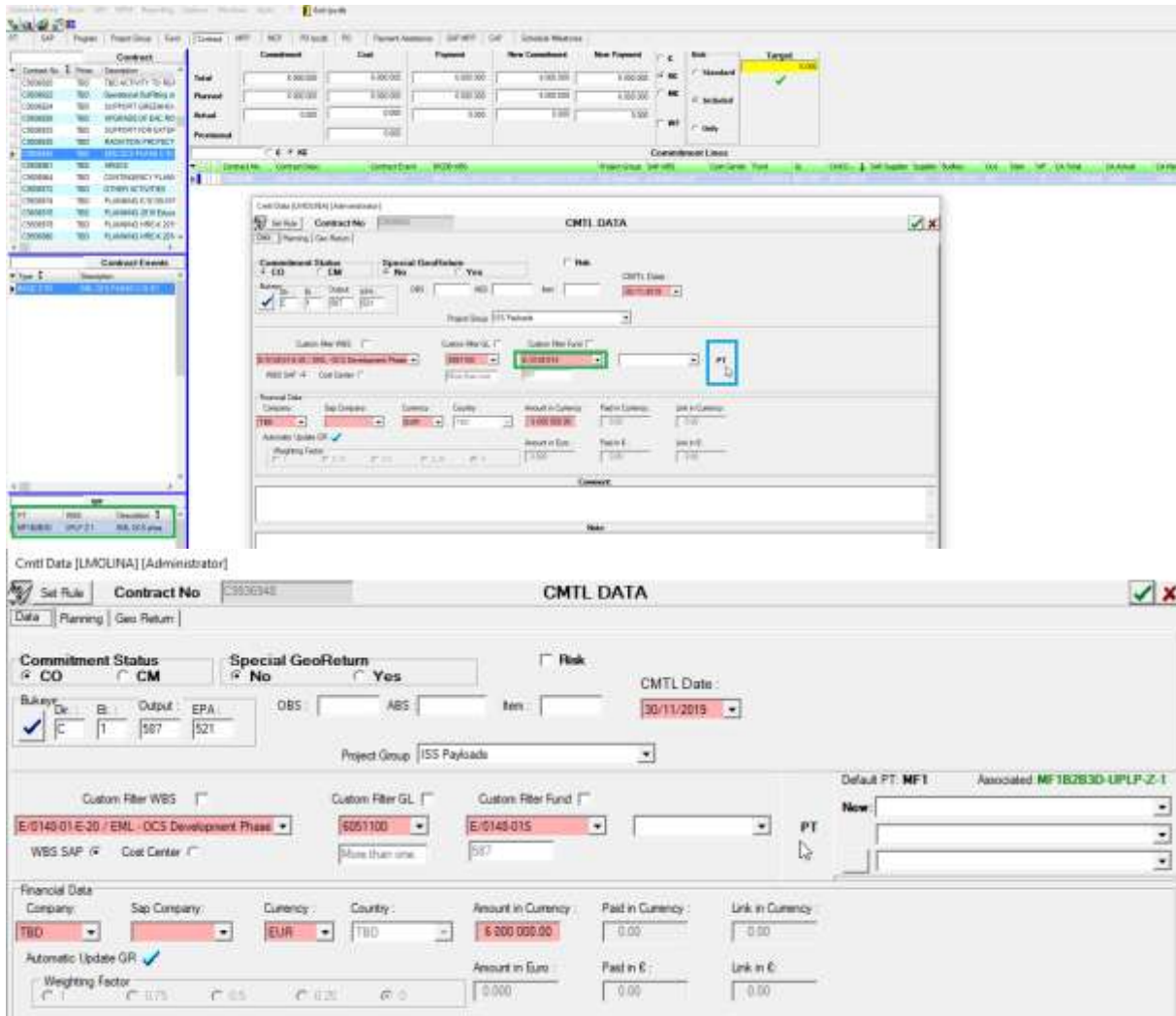
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The new feature “Fund Default Product Tree”

This feature helps the Project controllers to insert or modify a commitment with a dedicated SAP fund in the proper and predefined Product tree of the database. The association fund/PT/output is defined in IPCDB with the fund SAP Table:

Project Group	Fund	Contract	MPY	REF	PO Code	PO	Parent Assistance	SAP REF	CAP	Schedule Milestone
Personal Filter			Current Year							
			Rolling Month							
			Ten Years							
FormGapFund										
Description	Fund	Event	Output	PT	Responsible	Description				
201332-01	200136	200136	HEB			201 Materials & Size				
201334-01	200136	200137	HEB			201 Phys. Suback				
20134-01	200136	200137	HEB			201 Phys. Suback				
20134-01	200136	200136	HEB			201 Phys. Suback				
20140-01	200136	200136	HEB			Orap Towers Ops				
20182-01	200136	200136	HEB			Parabolic Flights				
20186-01	200136	200136	HEB			ASPH				
20133-010	200137	200137	HEB			SpaceQUEST				
20132-010	200137	200137	HEB			UNCC				
20140-010	200136	200136	HEB			CLPS-4 Additional Subscriptions				
20133-010	200137	200137	HEB			Space Outfit Cloche				
20146-010	200137	200137	HEB			201 Fluid Physics - CLPS4				
20133-010	200137	200137	HEB			201 Materials & Science - CLPS 4				
20138-010	200137	200137	HEB			Education-CLPS 4				
20141-010	200137	200137	HEB			Unleashed TC Projects - CLPS 4				
20140-010	200137	200137	HEB			Ground Based Research - CLPS 4				
20144-010	200137	200137	HEB			201 Biology Suback - CLPS 4				
20134-010	200137	200137	HEB			201 Physics Suback - CLPS4				
20136-010	200137	200137	HEB			ASPH - CLPS4				
20188-010	200137	200137	HEB			ACSE - CLPS4				
20186-010	200137	200137	HEB			Orap Towers Ops - CLPS4				
20182-010	200137	200137	HEB			Parabolic Flights - CLPS4				
20134-010	200137	200137	HEB			Sounding Rockets - CLPS4				
20186-010	200137	200137	HEB			Critical Results Mission - CLPS4				
20140-010	200137	200137	HEB			Unleashed Science & Tech - CLPS 4				
20179-010	200136	200136	HEB		CTAYLOR	HELIOSA - CLPS 4				
20139-010	200137	200137	HEB			Orap Towers Ops				
20137-010	200137	200137	HEB			Commercial Partnerships				
20140-010	200137	200137	HEB			Science Support & coordination				
20142-010	200137	200137	HEB			Orap Towers Ops, collection, collection				
20144-010	200137	200137	HEB			HELIOSA Suback P5, CLPS Priority				
20146-010	200137	200137	HEB			Fluid Physics				
20140-010	200137	200137	HEB			CM				
20132-010	200136	200136	HEB			Parabolic Science				
20134-010	200137	200137	HEB			Human-Physiology Equipment				
20136-010	200137	200137	HEB			ASPH				
20138-010	200137	200137	HEB			ACSE				
20140-010	200137	200137	HEB			Orap Towers				
20182-010	200137	200137	HEB			Parabolic Flights				
20132-010	200137	200137	HEB			Columbia Engineering ETP 1				

Whenever the association is right, the feature “PT” is not displayed. When creating/modifying a commitment, users can always click to display the default PT and the associated PT/WBS: “MF1” and “MF1B2B3D-UPLP-Z-1” in the below example.



If the fund of the commitment is modified and this change is affecting incorrectly the place within the PT of IPCDB. Then, the feature PT deploys itself and proposes the proper Default PT to be selected for this updated commitment, together with the current and incorrect associated PT. In the following example, the new fund is E/0148-01K instead of E/0148-01S, so the default PT shall be changed from “MF1” to “ME7” (accordingly to the fund SAP table). The associated PT is now red to inform the user that the current PT is incorrect for this new commitment.



What's New 6.1.4 Release, December 2019

FormSapFund

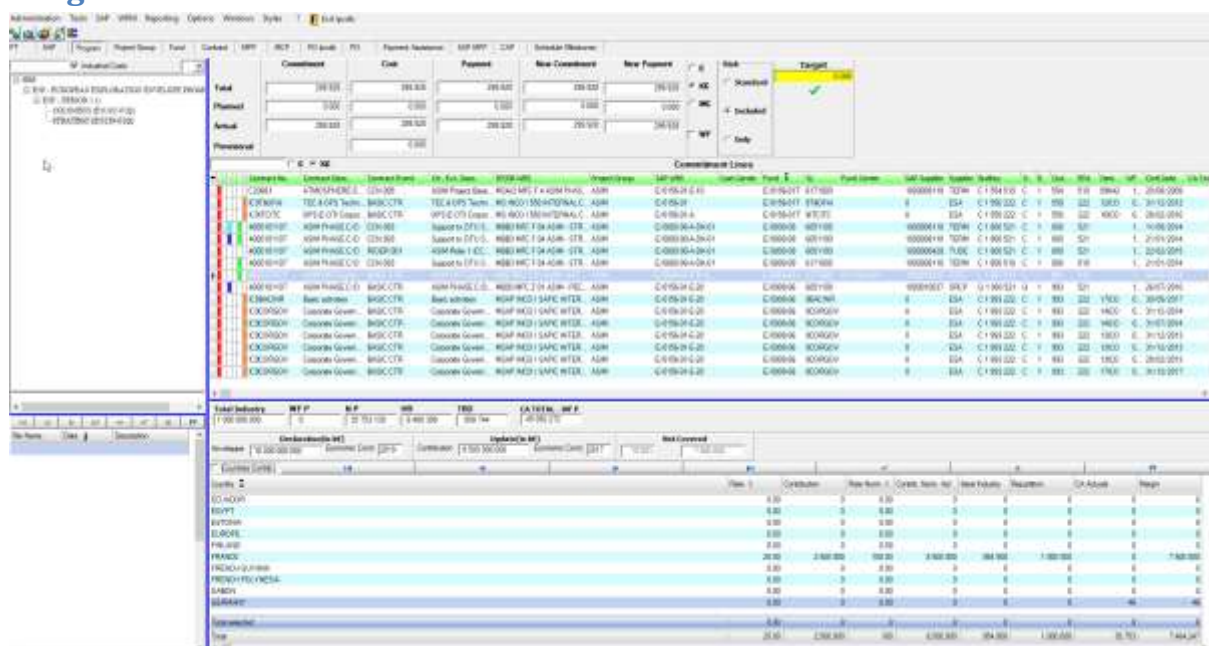
E/0148-01s

Fund	Parent	Output	PT	Responsible	Description
E/0146-01S	1100587	100587	MF1		Fluid Physics
E/0146-01T	1100550	100550			ISS FLUID PH. Subr.
E/0146-02S	1100549B	100549			ISS Fluid Physics
E/0146-03S	1100549C	100549			ISS Fluid Physics
E/0148-01	1100165	100165			CLOSED:EML
E/0148-01A	1100154	100154			EML
E/0148-01B	1100155	100155			EML
E/0148-01C	1100156	100156	ME6		EML
E/0148-01D	1100157	100157			EML - ELIPS 4
E/0148-01G	1100162	100162			EML
E/0148-01K	1100160	100160	ME7		ELIPS-4 Additional Subscriptions
E/0148-01P	1100548	100548			EML
E/0148-01S	1100587	100587	MF1		EML
E/0148-02S	1100549B	100549			EML
E/0148-03S	1100549C	100549			EML
E/0149-01S	1100587	100587			Complementary Resources

The user selects the relevant PT/WBS/WP, for instance “ME7BC22-MFC-Z-1-EML”. User is able to validate this change once the associated PT becomes green.

[illegible]

Program Tree



Fixed Bugs from the 6.1.3 Version

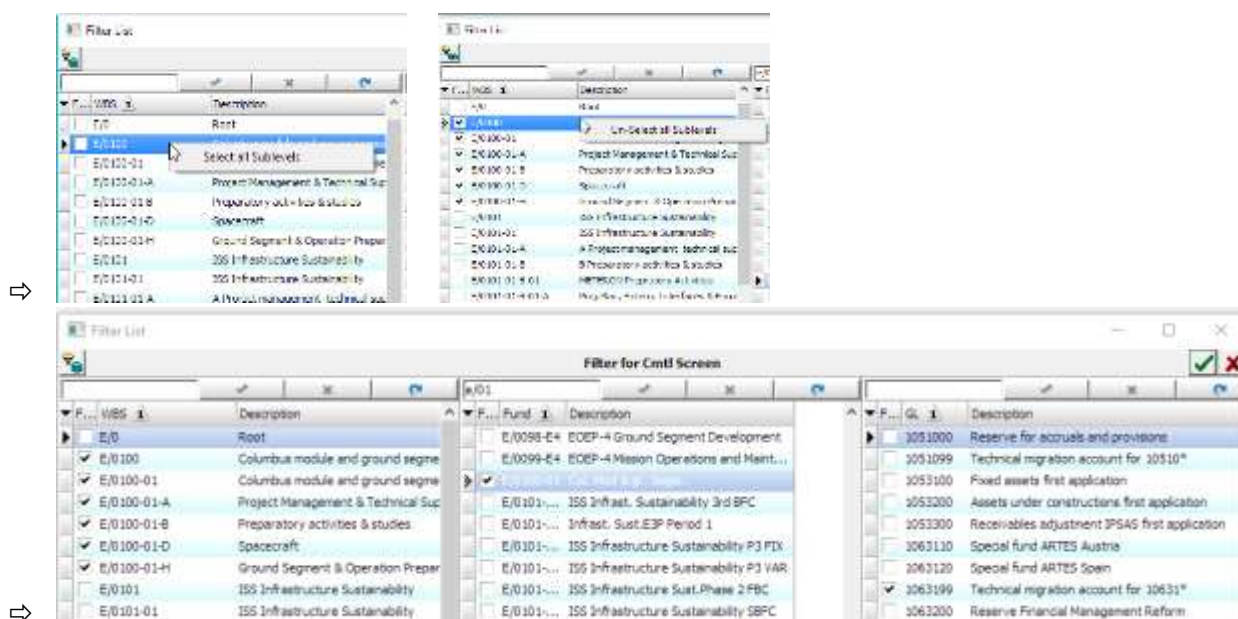
No Mantis	Tab	Description
0001009	Workforce Planning Module	Please change the monthly distribution in the WPM module for small number of ManYears (<0.11MY) (5.51)
0001325	Workforce Planning Module	Régression WPM: pas de génération de PRV dans IPCDB; (5.51)
0001241	tab CAP	Dynamic CAP View - Item 1 - Add "Project group" Query (5.51)
0001332	Workforce Planning Module	2.10 WPM Imprvt: WHEN Message "How to spread per month" is displayed in the YEAR planning view and consequence if NOT
0001271	tab MCP	Show Schedule milestone code field in in MCP/MPP Milestones windows
0001331	Workforce Planning Module	2.10 WPM Imprvt: Message How to spread per month is not always displayed in the Month planning view and no re-calculation done
0001118	Workforce Planning Module	0001118: WPM for Cat C doesn't work in the future
0001131	General IPCDB	SoW - Modification directe dans la Grid CMTL
0001362	Workforce	2.7-WPM: CJI3 actual are not always displayed in the view Month

No Mantis	Tab	Description
	Planning Module	planning

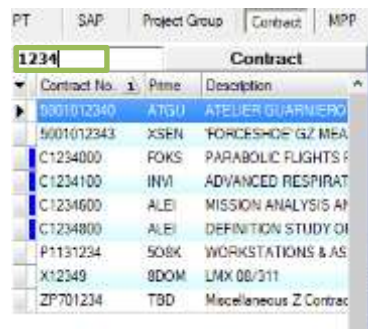
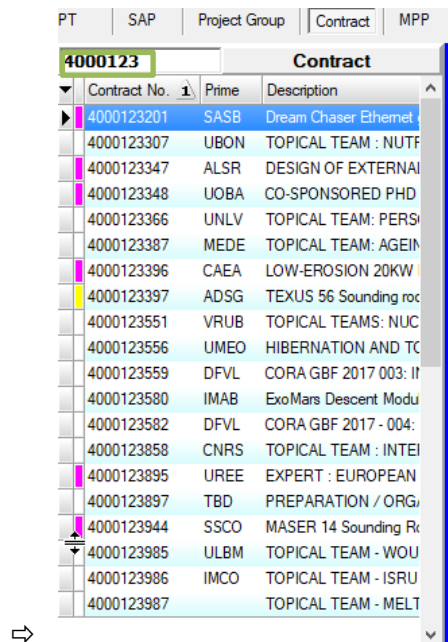
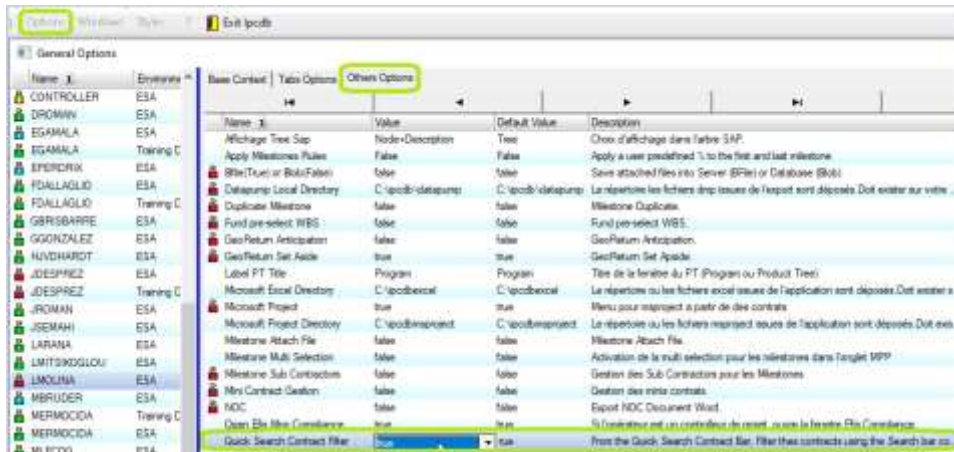
Revisions in version 5.0.51

Filter SAP List: New Feature “Select all Sublevels” & “Un-select all Sublevels”

In IPCDB, users already had the possibility to put in place some SAP filters of their main projects of interest: In terms of WBS, Funds and GL, by using the SAP top Menu -> Filter Sap List. Thanks to this new feature, the selection of the WBS can be done in one click by “Select all Sublevels” or be modified with “Un-Select all sublevels”. In parallel, an automated selection of the associated Fund(s) (in the middle list) is done by the database.

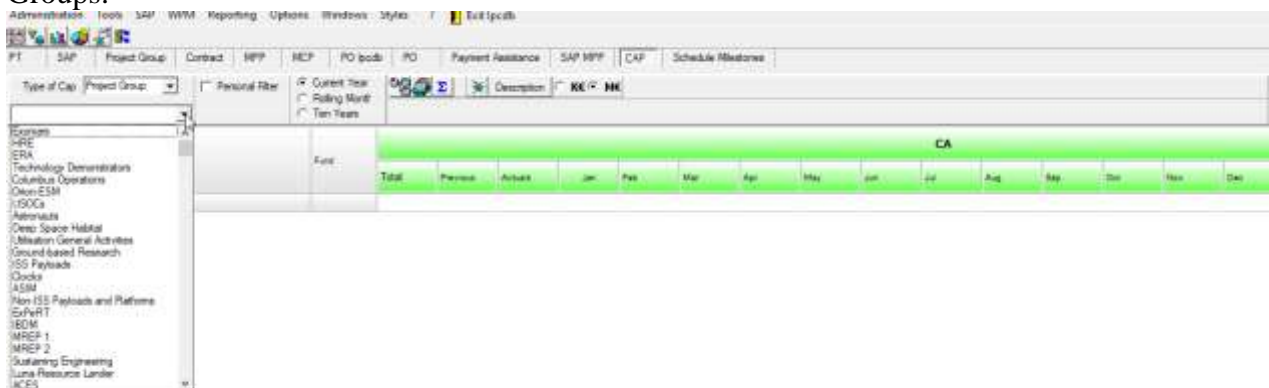


New Filter “Quick search contract” in the Options/Other Options



CAP Tab: New “Project Group” view

In the CAP tab, users are now able to select and display financial data for all SAP Project Groups.



Administration Tools SAP WPM Reporting Options Windows S

PT SAP Project Group Contract MPP MCP PO ipodb

Type of Cap: Project Group ☐ Personal Filter ☒ Current Year ☐ Rolling Month ☐ Ten Years

Orion-ESM

WBS	Description	Fund
E/0109-01	MPCV-ESM Development (FM1)	E/0109-01P
E/0109-01	MPCV-ESM Development (FM1)	E/0109-01P
E/0109-01	MPCV-ESM Development (FM1)	E/0109-01Q
E/0109-01	MPCV-ESM Development (FM1)	E/0109-01Q
E/0109-01	MPCV-ESM Development (FM1)	E/0109-01W
E/0109-01	MPCV-ESM Development (FM1)	E/0109-01W
E/0109-01	MPCV-ESM Development (FM1)	E/0109-01X
E/0109-01	MPCV-ESM Development (FM1)	E/0109-01X
E/0109-01	MPCV-ESM Development (FM1)	E/0109-02Q
E/0109-01	MPCV-ESM Development (FM1)	E/0500-00

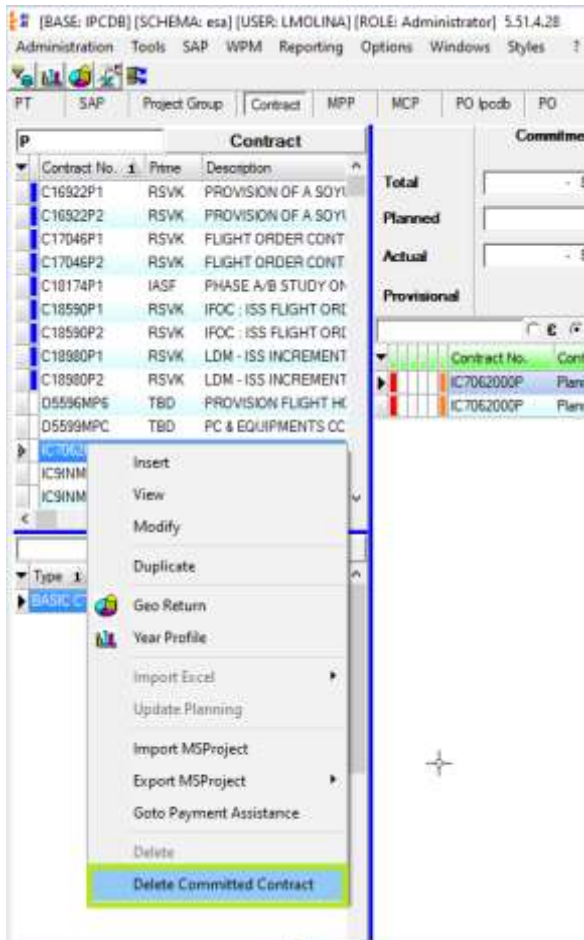
Total

Contract No. Project Group SAP WBS Contract E

4000105206	Orion-ESM	E/0109-01-A-01	CCN 015
4000105206	Orion-ESM	E/0109-01-A-01	CCN 015
4000105206	Orion-ESM	E/0109-01-A-01	CCN 018
4000105969	Orion-ESM	E/0109-01-D-02	ATP
4000105969	Orion-ESM	E/0109-01-D-02	ATP
4000105969	Orion-ESM	E/0109-01-D-02	ATP
4000105969	Orion-ESM	E/0109-01-D-02	ATP
4000105969	Orion-ESM	E/0109-01-B	BASIC CTR
4000105969	Orion-ESM	E/0109-01-B	BASIC CTR
4000105969	Orion-ESM	E/0109-01-B	BASIC CTR
4000105969	Orion-ESM	E/0109-01-B	BASIC CTR
4000105969	Orion-ESM	E/0109-01-B	BASIC CTR
4000105969	Orion-ESM	E/0109-01-B	BASIC CTR
4000105969	Orion-ESM	E/0109-01-B	BASIC CTR
4000105969	Orion-ESM	E/0109-01-B	BASIC CTR
4000105969	Orion-ESM	E/0109-01-B	BASIC CTR
4000105969	Orion-ESM	E/0109-01-B	BASIC CTR
4000105969	Orion-ESM	E/0109-01-D-02	ATP
4000105969	Orion-ESM	E/0109-01-D-02	ATP
4000105969	Orion-ESM	E/0109-01-D-01	CCN 002
4000105969	Orion-ESM	E/0109-01-D-01	CCN 002
4000105969	Orion-ESM	E/0109-01-D-01	CCN 002

New functionality “Delete Committed Contract” for Administrator profile

Select a contract and right click.



New WPM: further implementations and tutorial

2.1-WPM: Resize main window in order to display the last 2 lines Corporates and Basic Activities, when opening WPM module

WorkForce Planning for Project E/0112-01 USOCs and Fund E/0112-01Q in Segment 1100587

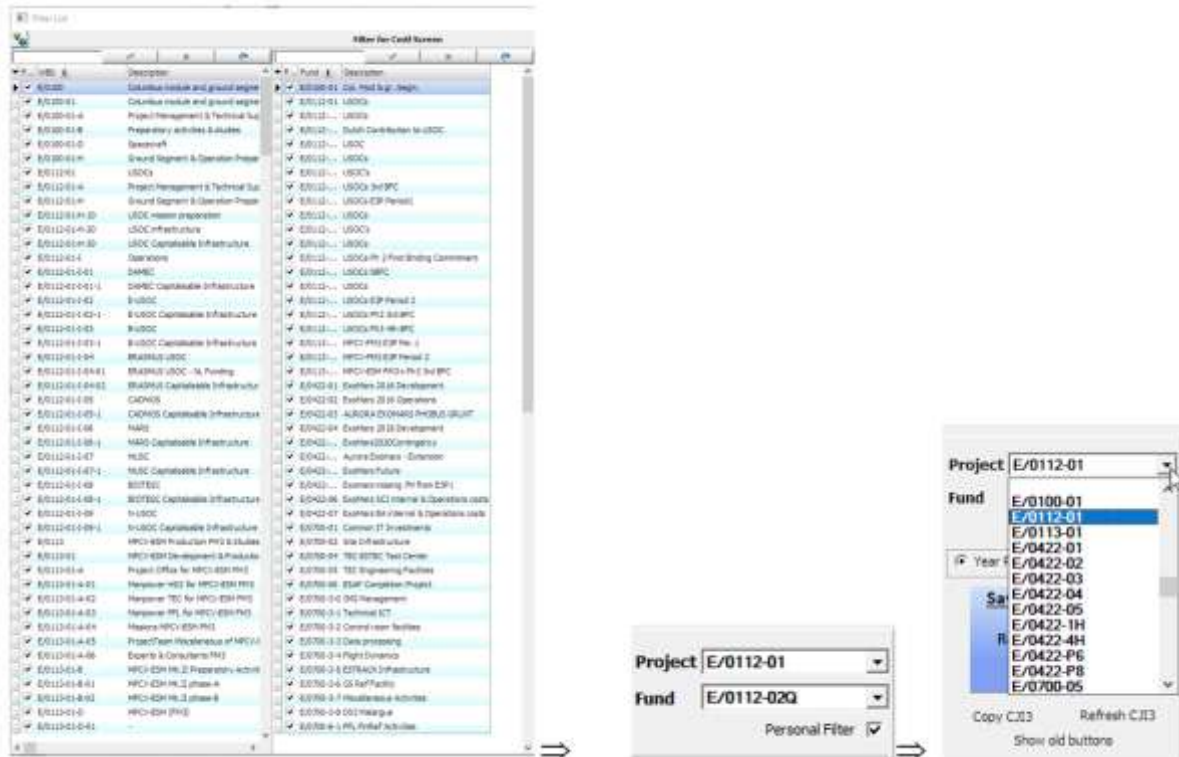
Men per Year	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
HRE Staff	1.00	0.90								
HRE Contractors	1.00	0.75								
TEC Support										
OPS Project										
OPS Support										
IPL Support	1.00	0.45								
RES Support										
EOP Support										
SCI Support										
Manpower Cat S										
ISOC Cat S										
ISOC Cat B										
Motors/Other Procurement (KURO) - Direct Costs										
Motors Cost	100.00									
Other Procurement Cost										
Class C: Manpower (KURO) - Direct Costs										
HRE Staff	100.00	80.90								
HRE Contractors	100.00	175.30								
TEC Support										
OPS Project										
OPS Support										
IPL Support	100.00	45.90								
RES Support										
EOP Support										
Class E: Admin, IT and PM (KURO) - Indirect Costs										
Admin Cat S	60.00	179.30								
Admin Support										
Class A: Industrial Cost / Class D: Running Costs and Other procurement (KURO) - Direct Costs										
Industrial Cost (Ind. Cat S)	10 880.84	607.13								
Industrial Costs Cat S										
Running Costs Cat S										
Other Procurement Cost										
Total Direct Costs / Corporate / Basic Activities										
Direct Costs	11 080.84	1 447.22								
Corporate	167.72	17.21								
Basic Activities	44.72	4.59								

2.2-WPM: Add a switch button to activate the Personal filter

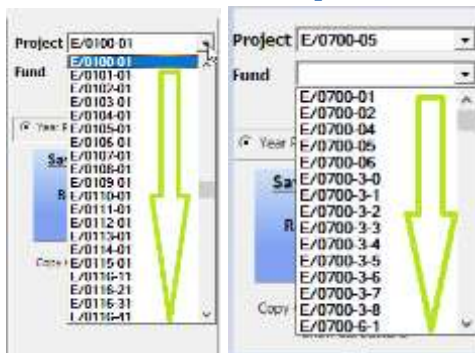
An additional tick box, for users to be able to import and apply their customized SAP filters in the WPM Module. The box is ticked by default.

Men per Year	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
HRE Staff	1.00									
HRE Contractors										
TEC Support	1.00									
OPS Project										
OPS Support										
IPL Support										
RES Support										
EOP Support										
SCI Support										

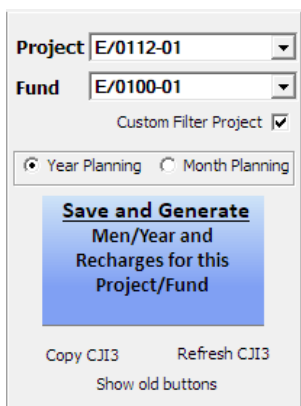
Project: E/0101-01
Fund: E/0101-01P
Personal Filter: ☒
Year Planning: ☒ Year Planning ☐ Month Planning
Save and Generate Men/Year and Recharges for this Project/Fund



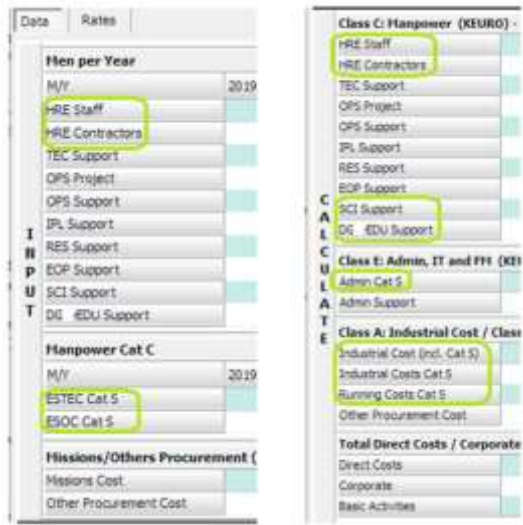
2.3-WPM: Increase drop down list from 7 to 20 elements for Project and Fund fields



2.4-WPM: Write "Save & Generate" bigger and bold



2.6-WPM: Update the description of MY categories as per provided new names



2.7-WPM: Within the month planning view, add a line for the CJI3 actuals and a column for the total of the current year



2.8 - WPM: Year planning view to Month Planning: Delete right click, and replace it with a switch on/off, including Manpower Cat S



WorkForce Planning for Project E/0115-01 Technology Demonstrators for ISS and Fund E/0115-01Q in Segment 1100587

Plan per Year	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
HRZ Staff	1.25	1.76								
HRZ Contractors	0.46	0.46								
TBC Support	2.81	2.08								
OPS Project										
OPS Support										
PL Support	0.20	0.20								
RES Support										
EDP Support										
SCS Support										
DGC EDP Support										
Planpower Cat C										
HRZ	1.71	1.96								
HRZ Cat S	0.46	0.46								
EDP Cat S	0.20	0.20								

Project: E/0115-01
Fund: E/0115-01Q
Custom Filter Project: [X]
Year Planning: [X] Month Planning: [X]
Save and Generate Men/Year and Recharges for this Project/Fund
Copy C.E3 Refresh C.E3 Show old buttons

Plan per Year	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec	Total
HRZ Staff	0.180	0.180	0.180	0.140	0.240	0.140	0.140	0.140	0.140	0.140	0.140	0.140	1.96
HRZ Contractors	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.050	0.65
HRZ Contractors C.E3	0.047	0.047	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.058	0.65
TBC Support	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	0.220	2.64
TBC Support C.E3	0.100	0.080	0.247	0.247	0.247	0.247	0.247	0.247	0.247	0.247	0.247	0.247	2.57
OPS Project													0.00
OPS Support													0.00
PL Support	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.020	0.20
RES Support													0.00
EDP Support													0.00
Planpower Cat C													
HRZ	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.65
HRZ Cat S	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.50
EDP Cat S	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.50

Project: E/0115-01
Fund: E/0115-01Q
Custom Filter Project: [X]
Year Planning: [X] Month Planning: [X]
Save and Generate Men/Year and Recharges for this Project/Fund
Copy C.E3 Refresh C.E3 Show old buttons

2.9 - WPM: Delete/Hide all the old WPM buttons for users, but not for the administrator
A new button “Show old buttons” was created for this purpose.



2.10 - WPM: Modify SPREAD window per month

Whenever users modify their planning in terms of MY (Men per Year and Manpower Cat S tables), the warning message asking them “how to reflect this new figure wrt the month planning” has been updated.

Based on this new value, and how it shall be distributed per month in the DTB, users have two possibilities to implement that change: To modify all the months of the current year and spread evenly (actual and planning), or to only impact the planning lines for the months to come.



⇒ For example, change from 1 MY to 0.5MY for the EDU category




2.11 - Add button 'SAP Alignment' in Month Planning view

A button «Copy CIJ3 » is now available for users to copy the CIJ3 actuals + remaining planning at once for all Men per Year categories.

Whenever users modify their MY planning, they can also use the button “Refresh CIJ3” to align CIJ3 planning lines accordingly.





2-13 - File to be added for the «official ESA Rate » button and Link to WPM Tutorial within the Module WPM



Fixed Bugs from the 5.51 Version

No Mantis	Tab	Description
0001302	Workforce Planning Module	2.10 WPM Improvement : Modifier La fenêtre de SPREAD par mois
0001301	Workforce Planning Module	2.8 WPM Improvement: Supprimer le Clic droit complètement Pour le remplacer par un switch (type on/off) // Delete right click, and replace it with a switch on/off (including Cat C).
0001315	Tables Maintenance	SAP/Filter SAP List/select or unselect all sublevels: Associated fund cannot be selected simultaneously
0001316	Workforce Planning Module	2.1-WPM: Resize main window in order to display the last 2 lines Corporates and Basic Activities
0001317	Workforce Planning Module	2.2 WPM: Please add switch button to activate the personal filter in WPM
0001318	Workforce Planning Module	2.3-WPM: Please increase drop down List from 7 elements to 20
0001319	Workforce Planning Module	2.4-WPM: write save & generate bigger and Bold
0001320	Workforce	2.6-WPM: Update the description of MY categories as per

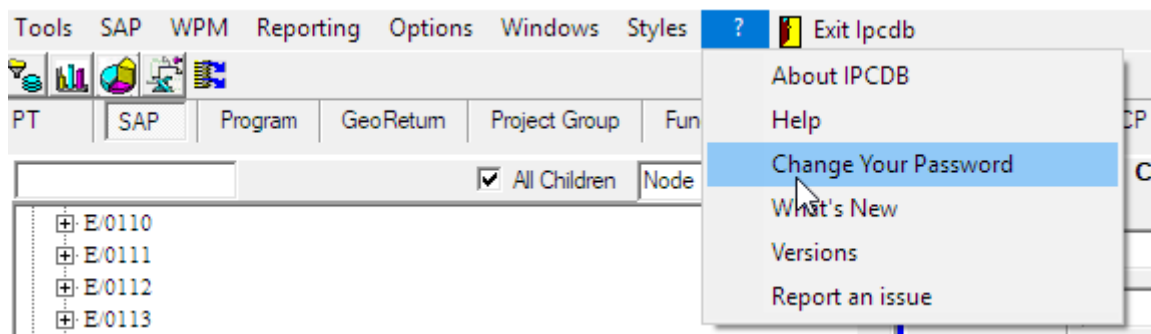
No Mantis	Tab	Description
	Planning Module	provided new names
0001321	Workforce Planning Module	2.9-WPM: Delete/Hide all the old buttons for users, but not for the administrator
0001322	Workforce Planning Module	2.13-WPM: File to be added for the «official ESA Rate » button & Tutorial
0001323	Workforce Planning Module	2.8-WPM: Remove right Click for the selection of the planning view (Year or Month planning)
0001324	Workforce Planning Module	2.7-WPM: Give possibility to Show all lines or Hide (if null) within the Month planning view by right click
0001326	Workforce Planning Module	2.10-WPM: Distribute Year amount evenly per month and also in December
0001327	Workforce Planning Module	2.7-WPM: CJI3 actual shall be always displayed in the view Month planning: No need to click on “Refresh CJI3” when Month planning ticked; Remains if change of fund selection; still displayed once “save & generate” was clicked.
0001328	Workforce Planning Module	2.7-WPM: CJI3 actual also displayed in the view YEar planning, why?
0000097	Work Request	09-Rapport MPP by Country
0001195	GRNs Incorporation	00 vérifier pourquoi la mise à jour des confirmations dans MCP n’a pas tourné ce matin
0001121	Business Objects	00-BO report baseline 2018 comparaison actuals
0001222	General IPCDB	08-login & psw ESAP like
0001298	Tab MCP	Please enable the MCP trend chart again

Revisions in version 5.0.48

New password management compliant with ESA policy



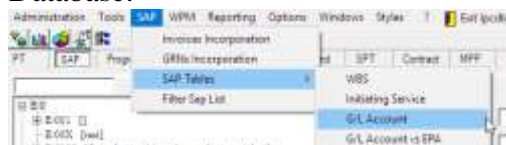
For the initial login, users will enter their current password in capital and will be directly invited to change their password via the Password Management window. The password is updated, only if all requirements of the ESA password policy are met. Otherwise, the application will display the criteria which is not complying with the rule, so that users will be able to propose a new and proper password.



Such as the IPCDB administrator, users also have the possibility to change their password at any time, thanks to the user password management in the Top Menu.

Update of the SAP GL account list

Harmonisation of the SAP GL list with the ESA reference list "Cost element mapping" in the Database.





The screenshot shows the 'GL Account' window with a list of accounts. The columns are: GL Account, WF, Product Category, Cost, and Description. The accounts listed are: 6033000, 6033000, 6041300, 6042300, 6043300, 6051300, 6052300, 6053300, 6053300, 6054000, and 6054000. The descriptions include: Change in stocks of raw materials (and supplies), Change in stocks of other consumables, Launch associated services, Mission preparation, operations and exploitation, Associated engineering, spares and support, Dev and prod of space segment ready for launch, Development and production of MSGE, Centralised parts procurement, Launch purchase, Information technology and management tools, and Development of Ground segment systems.

Fixed Bugs from the 5.48 Version

No Mantis	Tab	Description
0001253	General IPCDB	The password management: Users shall be able to change their own password. Add a kind of "password management" in the user menu
0001252	General IPCDB	Password management: The password shall Not contain all or part of the user's account
0001254	General IPCDB	Password management: Remove door icon (partially)
0001191	Tab Contract	00-Repermettre de forcer le WF different du GL
0001182	Tab Contract	00-tab ctr multiselection -> Cm et date de jours impossible
0001222	General IPCDB	08-login & psw ESAP like

Revisions in version 5.0.47

New WPM

WorkForce Planning for Project E/0171-01 ESA Project Level 2 and Fund E/0171-01Q in Segment 1100587

Item per Year

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
HSO Staff	3.00	3.00	3.00							
HSO Contractors										
TEC Support	1.00	1.00	1.00							
OPS Project										
OPS Support										
RES Support	10.18	6.20	6.91							
ES Support										
EOP Support										
ERS Support										
DOC Support										
Manpower Cat C										
HSO Staff	3.00	3.00	3.00							
ES/EC Cat C	1.00	1.00	1.00							
ES/OC Cat C	1.00	1.00	1.00							
Fixtures/Other Procurement (R0000) - Direct Costs										
Materials Cost	120.00	120.00	120.00							
Other Procurement Cost										
Class C: Manpower (R0000) - Direct Costs										
HSO Staff	836.50	836.50	836.50							
HSO Contractors										
TEC Support	535.00	440.20	440.20							
OPS Project										
OPS Support										
RES Support	27.99	16.00	16.99							
ES Support										
EOP Support										
ERS Support										
DOC Support										
Class E: Admin, IT and PM (R0000) - Indirect Costs										
Admin Cat C	75.00	75.00	75.00							
Admin Support	280.40	280.40	280.40							
Class A: Industrial Cost / Class E: Running Costs and Other procurement (R0000) - Direct Costs										
Industrial Cost (Ind. Cat C)	34,168.00	34,625.79	46,000.12	38,411.56	4,444.44					
Industrial Costs Cat C	172.00									
Running Costs Cat C	30.40									
Other Procurement Cost										
Total Direct Costs / Corporate / Basic Activities										
Direct Costs	45,409.70	39,946.13	47,086.40	38,411.56	4,444.44					
Corporate	211.15	829.19	706.30	676.17	66.67					
Basic Activities	43.44	140.79	188.18	193.45	17.79					

Project: E/0171-01

Fund: E/0171-01Q

All Planned CE

Save and Generate Man/Year and Exchanges for this Project/Fund

Tutorial (Link to PDF)

Official ESA Rate Document

All Car Fac

All Planned Car Fac

Generate Provisional and Planned Sums for All Projects

Launch End Of Month Procedure

End

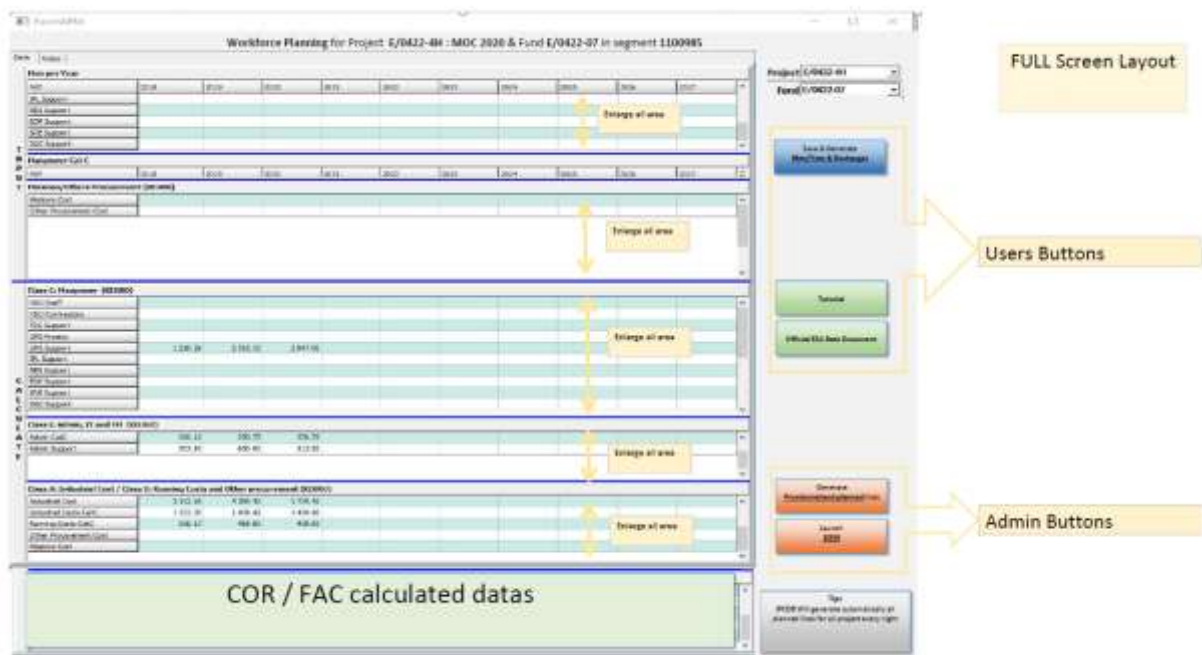
Data

Rates

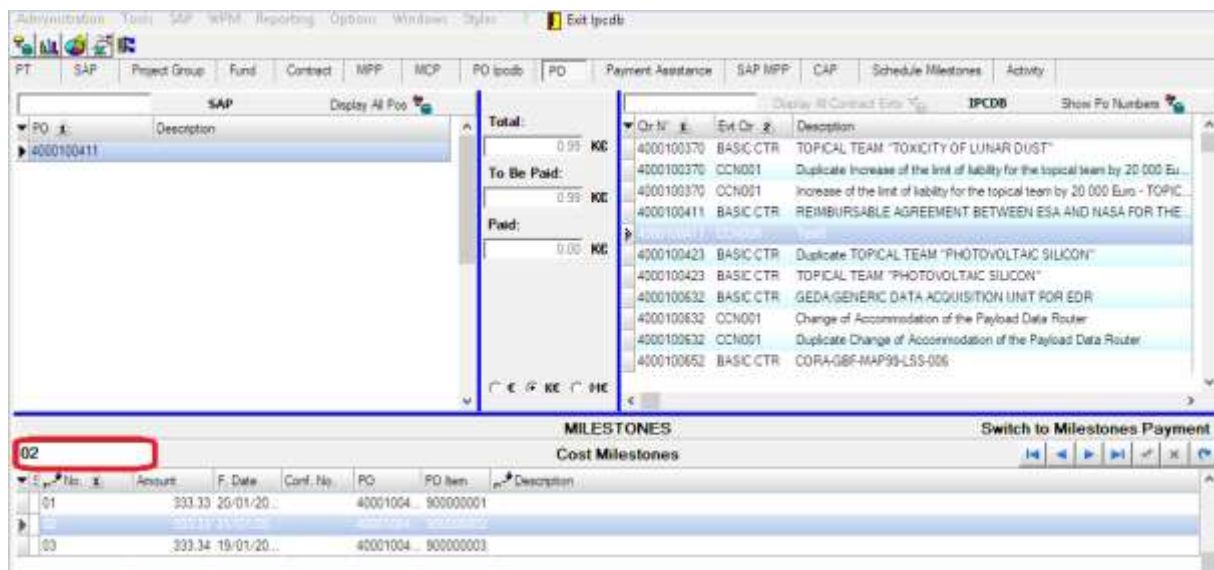
Add (Delete) Rate Component

Class C: Manpower	Manpower Cat C Industrial	Manpower Cat C Running Costs	Class E: Admin, IT and PM	Class E: Admin Cat C	Class E: Corporate Governance	Class E: Esa Basic Activities				
Class C: Manpower										
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
HSO Staff	168.00									
HSO Contractors	168.00									
TEC Support	224.60									
OPS Project	223.30									
OPS Support	223.30									
RES Support	186.60									
EOP Support	252.20									

The above WPM new version was designed based on the following SoW proposal:



PO Tab: Add a search window in MILESTONES Windows for the Cost Milestones frame



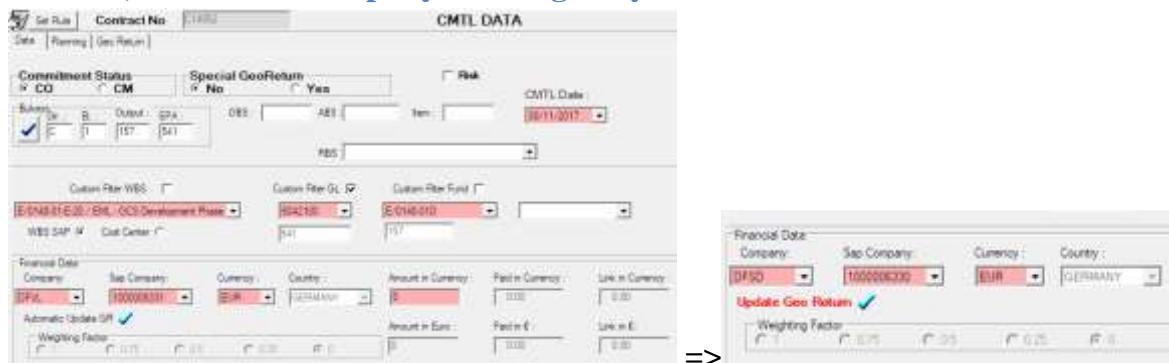
Fixed Bugs from the 5.47 Version

No Mantis	Tab	Description
0001054	Workforce	Industrial & Running Costs of Cat C. not calculated

No Mantis	Tab	Description
	Planning Module	
0001174	General IPCDB	PO Tab: Add a search window in MILESTONES Windows for the Cost Milestones frame
0001194	Georeturn	FormGeoReturnNew -> Le montant GeoReturn n'est pas bon (click droit -> GeoReturn)
0001178	tab Contract	Activer le georeturn dand la Cmtl uniquement au moment du clic sur onglet
0001048	tab Contract	When entering a new contract I can enter a notification date and signature dates, but not when modifying an existing contract.
0001298	tab Contract	00-BUG BO Chart konstantin montant top 10 EVT CTR pas bon!
0001183	General IPCDB	00- faire un SQL dans TOAD pour verfier les cas ou CA<>Costs<>PA
0001224	General IPCDB	01-ERROR SQL WP report
0001119	Work Request	06- SET aside report
0001188	General IPCDB	00-BUG SQL report: Industrial Cost Plan Outstanding lignes manquantes.
0001192	tab Contract	00-BUG Quand on change le GL on a un message d'erreur
0001158	tab Contract	00- BUG CMTL le WF est a zero ! correspond pas au GL
0001187	General IPCDB	00-BUG-TAB ARCHIVE- attachements plus disponible
0001197	General IPCDB	00-REGRESSION les fenetres s'ouvrent en arriere plan et plus en premier plan
0000789	Tab MCP	L'onglet MCP: La colonne "Conf. No." = "GRN No." dans les tables. C'est mauvais! Il faut que cette colonne soit égale à "GRN Co
0000683	tab Contract	Mets l'export FR SC dans le menu options en haut
0000758	tab Contract	0000758: "NOC Export: ""merci de mettre le nom du fichier exporté NOC NOC+(CTR)+(EVT)+(amount)"
0000760	tab Contract	0000760: "Error when handling commitment line" pour les cmtls dans C21043

Revisions in version 5.0.46

“Update Geo Return”, a tick option in Red, available within the CMTL DATA window, in case the company is changed by the user



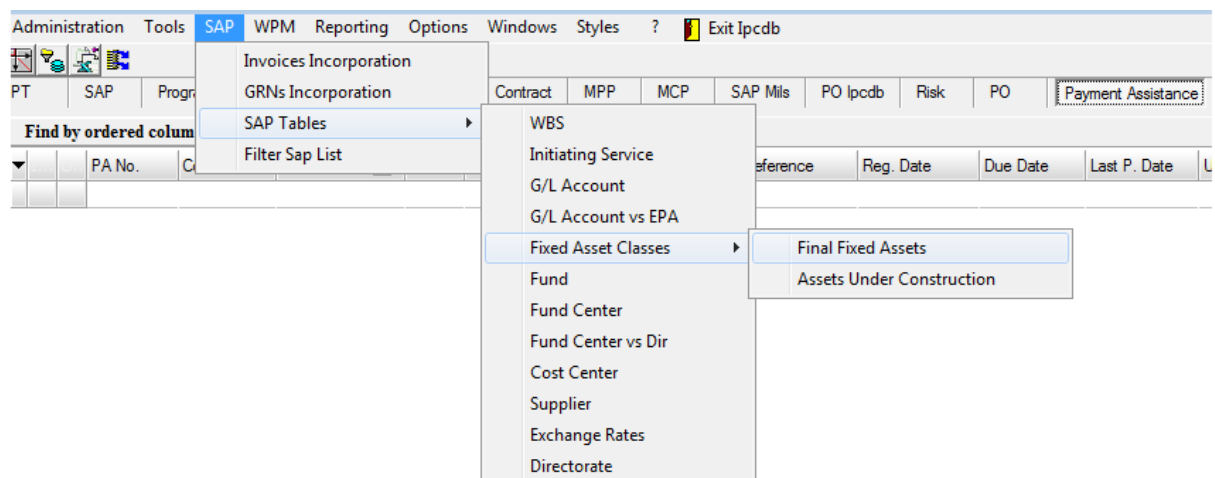
The screenshot shows the 'CMTL DATA' window with various tabs like 'Data', 'Planning', and 'Geo Return'. The 'Geo Return' tab is active, showing fields for 'Commitment Status', 'Special Geo Return', 'Risk', 'CMTL Date', 'Balance', 'Output', 'GPA', 'OBS', 'AES', 'Item', 'RBS', 'Custom Rate WBS', 'Custom Rate GL', 'Custom Rate Fund', 'Financial Data', 'Company', 'Sap Company', 'Currency', 'Country', 'Amount in Currency', 'Paid in Currency', 'Link in Currency', 'Automatic Update GFI', 'Weighting Factor', and 'Update Geo Return' (highlighted in red). An arrow points to the 'Update Geo Return' checkbox, which is checked.

The option "Duplicate" has been replaced by "Duplicate and Open" in the menu of the payment Assistance Tab



The screenshot shows the 'Payment Assistance' tab in the software. A context menu is open over a table row, showing options: 'View', 'Modify', 'Insert', 'Duplicate and Open' (highlighted), 'Synthetic View', 'Break Associations', and 'Integrate'.

SAP Tab: Add a table “Fixed Asset Classes” to the SAP Top Menu



The screenshot shows the 'SAP' tab in the software. A context menu is open over the 'SAP' tab, showing options: 'Invoices Incorporation', 'GRNs Incorporation', 'SAP Tables', 'Filter Sap List', 'WBS', 'Initiating Service', 'G/L Account', 'G/L Account vs EPA', 'Fixed Asset Classes' (highlighted), 'Fund', 'Fund Center', 'Fund Center vs Dir', 'Cost Center', 'Supplier', 'Exchange Rates', and 'Directorate'. A sub-menu is open for 'Fixed Asset Classes', showing options: 'Final Fixed Assets' and 'Assets Under Construction'.

Fixed Asset Classes - Final Fixed Assets		
FA Class	FA Class Description	Default Useful Life (In Year)
1100	Undeveloped land	N/A
1200	Service land	N/A
1300	Developed land	N/A
2000	Site development	15
3100	Buildings	30
3200	Buildings fixtures and fittings	15
3300	Infrastructure development	15
4100	Buildings on third-party sites	30
4200	Building fixtures and fittings on third-pa...	15
4300	Infrastructure development on third-pa...	15
5100	Laboratories and test facilities	8
5200	Ground segment systems	12
5300	Launcher systems	10
5400	Launch complexes	20
5500	Launch ranges	20
6100	Space laboratories	10
6200	Satellites	10
6300	Probes	5
6400	Others (rovers, balloons, etc)	3
7100	Service cars and stores vehicles	5
7200	Administrative equipment	8
7300	Computers, servers, network and asso...	4
7400	Facility infrastructure equipment	8
7500	Communications equipment	7
8100	Research and development costs	Case By Case
8200	Patents	20

Fixed Bugs from the 5.0.46 Version

No Mantis	Tab	Description
0000803	Georeturn	les modifications d'un fournisseur dans une nouvelle cmtl ne sont pas mises à jour dans le georeturn
0001166	tab Payment Assistance	Tab PA: Change the option "Duplicate" by "Duplicate and Open" in the menu of the payment Assistance Tab
0001186	tab Contract	00-BUG : automatic generation, apply rules, la C.date n'est plus mise à jour automatiquement (partially)
0000930	General IPCDB	05-SQL report TRG report Bug "select all" does not select all (link with 0001021)
00001021	General IPCDB	TRG report excel probleme de selection des filtres

No Mantis	Tab	Description
0001198	Tables Maintenance	00-REGRESSION tools, tables maintenance, modify companies tab impossible
0001043	General IPCDB	Please add the table Asset Classes in the SAP-Tables
0001161	Business Objects	BO report : Majors Contract Event up coming .rep rajouter les "Comment et Note" de l EVT CTR
0001193	General IPCDB	L'onglet SQL Requêtes dans Excel Reports ne fonctionne pas pour HRE
0001146	Tab MCP	08- ERROR PO EVT n'est pas migré/copié dans le MCP
0000863	General IPCDB	Downloading all DLLs at each startup is unnecessary
N/A	tab Contract	Pb 01 : Correction dans CMTL DATA de Amount In Euro quand les devises sont différentes de l'euro. Le montant affiché n'était pas correct.

Revisions in version 5.0.44

Commitment Line: “Note” available when entering a HISTORY

When entering a HISTORY to a commitment line, it is now possible to add a comment and a note directly in the Cmtl History window. Originally, the filed “Note” was only available as part of a second step, when modifying the history. This new feature is reducing considerably the duration of the process.

Add Cmtl History [LMOLINA] [Administrator]

CMTL Data

Contract No : 4000100632

CO CM

Bukeys: Dir.: M, Et.: 1, Output: 757, Input: 521

OBS: ABS: Item: 12EL3

CMTLH Date: 17/05/2018 13/07/2018

Weighting Factor: 1 0.75 0.5 0.25 0

Financial Data:

Company: ACRA, Currency: EUR, Amount in Currency: - 100.00, Amount in Euro: 100.00

Comment:
Decom test

Note:
Decom test 222

HISTORY										
Dir	Est	Out	EPA	Item	Supplier	Amount in Cur.	Cur.	Amount in €	Date	Description
M	1	757	521	12EL3	ACRA	-	100.00	EUR	17/05/2018	decomt test

PO Tab: All Unit are available in the Total Panel (€; K€; M€)

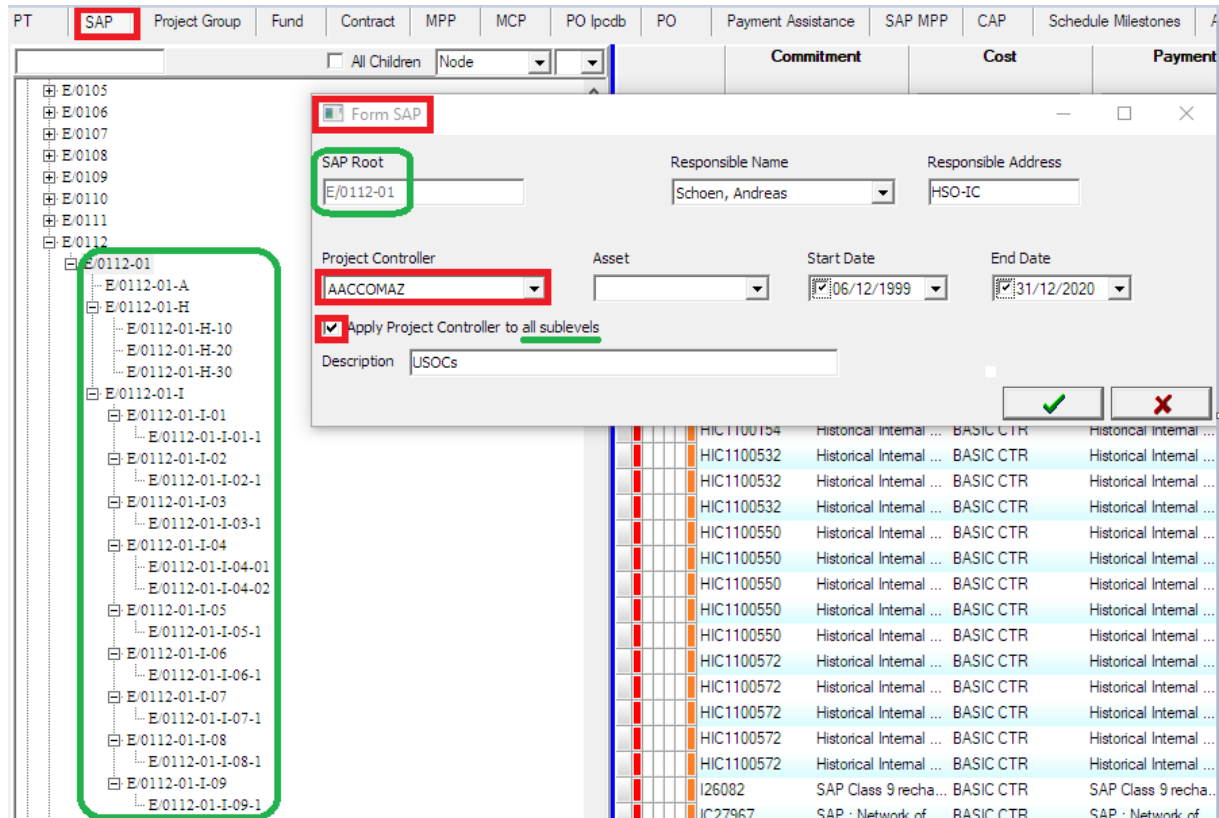
PT	SAP	Project Group	Fund	Contract	MPP	MCP	PO lpcdb	PO	Payment Assistance	SAP M
----	-----	---------------	------	----------	-----	-----	----------	-----------	--------------------	-------

SAP		Display All Pos	
PO	Description	Total:	Ctrl N°
4200023080	DROP TOWER UTILISATION 2010 - 2011	888.885.00 €	C21081 BASIC CT
4200020447			C21081 CCN001
4000100652	CORA-GBF-MAP99-LSS-006	0.00 €	C21081 CCN002
4200022456			C21081 CCN003
4200021060	PHASE B AND C/D FOR DIRSOL IN MSG		C21081 CCN004
4200044317	MATERIAL SCIENCE LABORATORY IN THE US M...		
4200019579			
4200021081	RECURRING UNITS OF KUBIK INCUBATORS WIT...		
5001002735	MOLECULAR FILTER FOR ATV2		
4000101579	4000101116 19009-TERMA-TEC-MMA LS...		
4000101823	TOPICAL TEAM: TWO PHASE HEAT TRANSFER		
4000102119	GBF - VIBRATION GRIMM HEMMERSBACH BAUER		

<input checked="" type="radio"/> € <input type="radio"/> K€ <input type="radio"/> M€
--

SAP Tab: Apply Project Controller to all WBS sublevels

Right click on the SAP Root, select “Modify” in order to open the Form SAP window. While choosing the Project Controller responsible for this SAP level, a new tick box can be also used to apply at once, the selected PC to all the SAP sublevels under the current SAP Root.

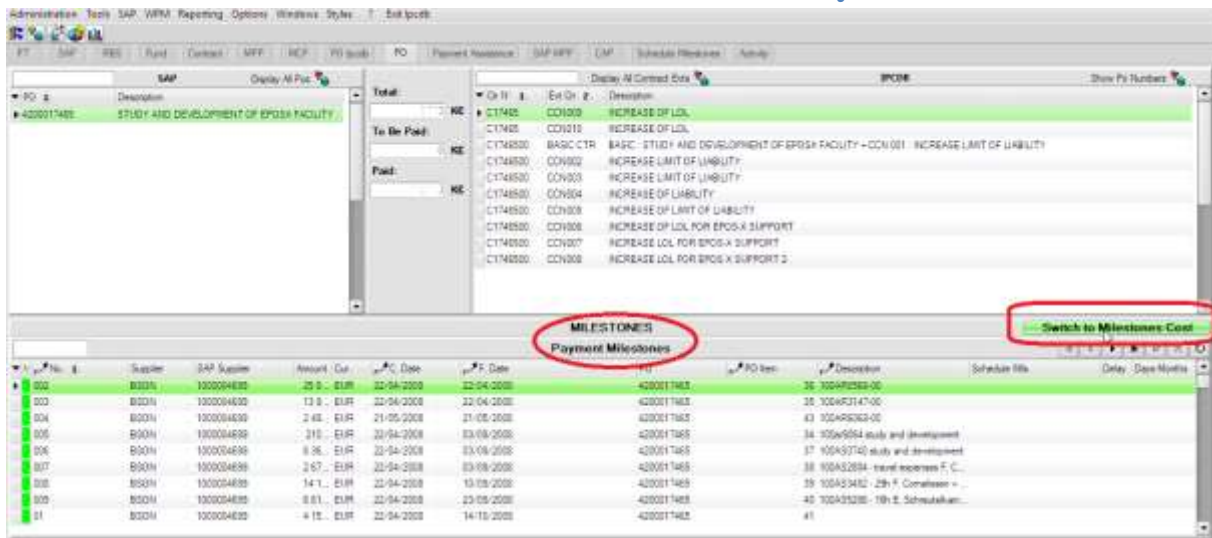


Fixed Bugs from the 5.0.44 Version

No Mantis	Tab	Description
0001141	Commitment line screen	In HISTORY for a commitment line: add NOTE window when creating the history line and not only when modifying.
0001154	General IPCDB	Tab PO : Ajouter le choix d'afficher total/Paid ... en € / K€ / M€
0000920	Work Request	Apply Project Controller to WBS sublevel
0001069	tab MCP	02- Procedure Automatique des mise a jour des EED pour le fichier de Mohamed Squalli comme pour HRE
0001091	Tab SAP Mils	10- ERROR PO number et item number dans SAP mils

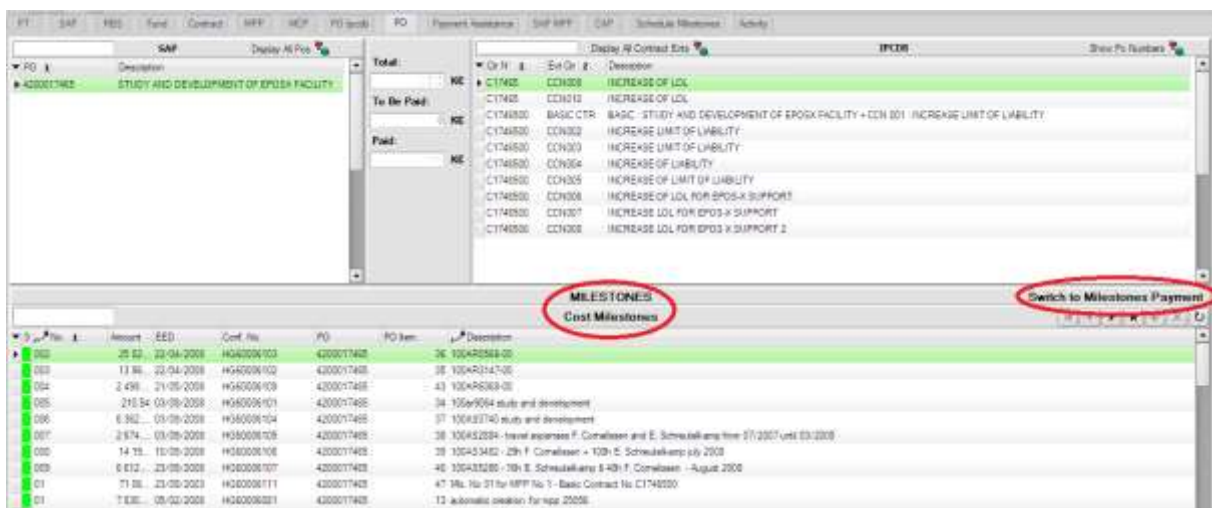
Revisions in version 5.0.42 and related patch

PO Tab: A new Switch Frame for Milestones Cost or Payment



The screenshot shows the SAP PO Tab interface. The 'MILESTONES' section is highlighted with a red circle. The 'Switch to Milestones Cost' button is also highlighted with a red circle. The table below shows the milestones data.

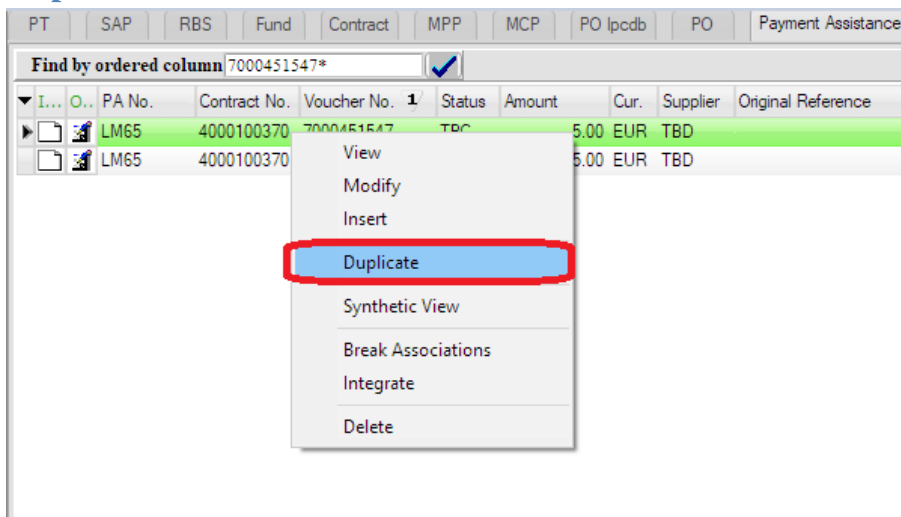
No.	Supplier	SAP System	Amount	Cur.	C. Date	P. Date	PO Item	Description	Schedule B/B	Delay - Days Months
002	B00H	100004620	25.9	EUR	22-04-2008	22-04-2008	4200017402	36 1004R2558-00		
003	B00H	100004620	13.9	EUR	22-04-2008	22-04-2008	4200017403	38 1004R2147-00		
004	B00H	100004620	2.48	EUR	21-05-2008	21-05-2008	4200017405	43 1004R2063-00		
005	B00H	100004620	310	EUR	20-04-2008	20-04-2008	4200017406	34 1004R5054 study and development		
006	B00H	100004620	8.36	EUR	22-04-2008	22-04-2008	4200017408	37 1004R2140 study and development		
007	B00H	100004620	2.67	EUR	22-04-2008	22-04-2008	4200017409	38 1004R2558 - travel expenses F. Cornelissen		
008	B00H	100004620	14.1	EUR	22-04-2008	22-04-2008	4200017409	39 1004R2558 - 2th F. Cornelissen		
009	B00H	100004620	8.81	EUR	22-04-2008	22-04-2008	4200017409	40 1004R2558 - 1th E. Schreutemeyer		
01	B00H	100004620	4.15	EUR	22-04-2008	22-04-2008	4200017402			



The screenshot shows the SAP PO Tab interface. The 'MILESTONES' section is highlighted with a red circle. The 'Switch to Milestones Payment' button is also highlighted with a red circle. The table below shows the milestones data.

No.	Supplier	SAP System	Amount	Cur.	C. Date	P. Date	PO Item	Description	Schedule B/B	Delay - Days Months
002	B00H	100004620	25.9	EUR	22-04-2008	22-04-2008	4200017402	36 1004R2558-00		
003	B00H	100004620	13.9	EUR	22-04-2008	22-04-2008	4200017403	38 1004R2147-00		
004	B00H	100004620	2.48	EUR	21-05-2008	21-05-2008	4200017405	43 1004R2063-00		
005	B00H	100004620	310	EUR	20-04-2008	20-04-2008	4200017406	34 1004R5054 study and development		
006	B00H	100004620	8.36	EUR	22-04-2008	22-04-2008	4200017408	37 1004R2140 study and development		
007	B00H	100004620	2.67	EUR	22-04-2008	22-04-2008	4200017409	38 1004R2558 - travel expenses F. Cornelissen and E. Schreutemeyer from 07/2007 until 03/2008		
008	B00H	100004620	14.1	EUR	22-04-2008	22-04-2008	4200017409	39 1004R2558 - 2th F. Cornelissen + 1th E. Schreutemeyer july 2008		
009	B00H	100004620	8.81	EUR	22-04-2008	22-04-2008	4200017409	40 1004R2558 - 1th E. Schreutemeyer 5-8th F. Cornelissen - August 2008		
01	B00H	100004620	4.15	EUR	22-04-2008	22-04-2008	4200017402	47 1th No 01 for MPP No 1 - Basic Contract No C1740000		
01	B00H	100004620	7.00	EUR	08-02-2008	08-02-2008	4200017402	12 automatic creation for page 2008		

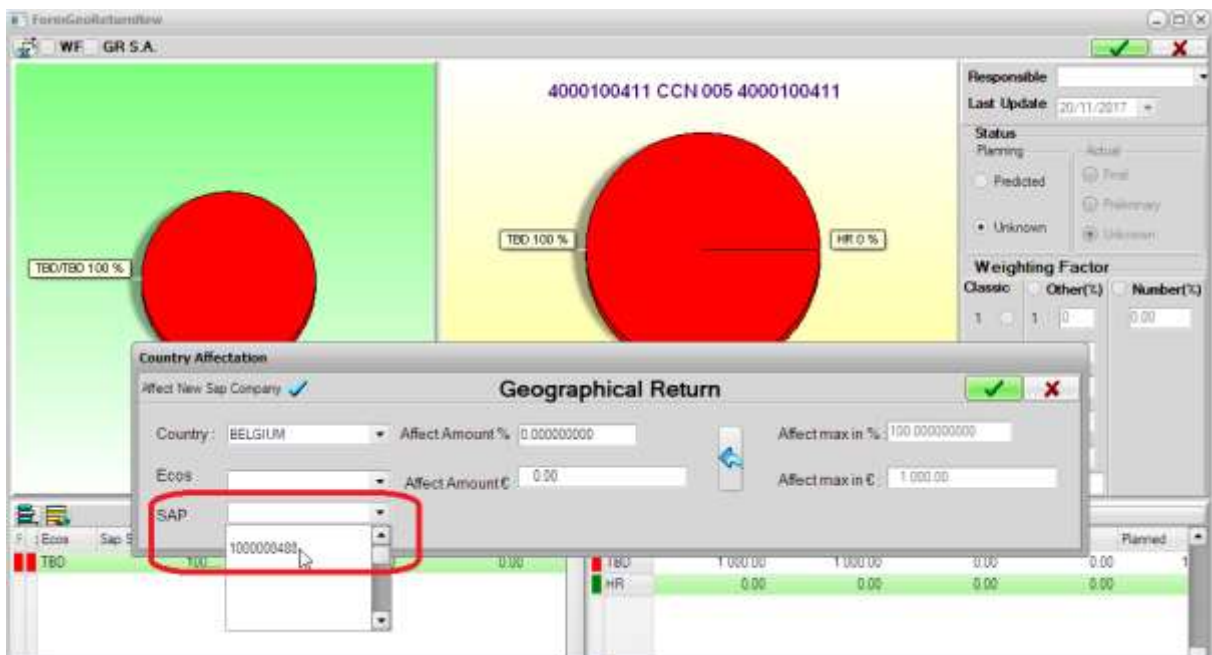
Duplicate Invoice



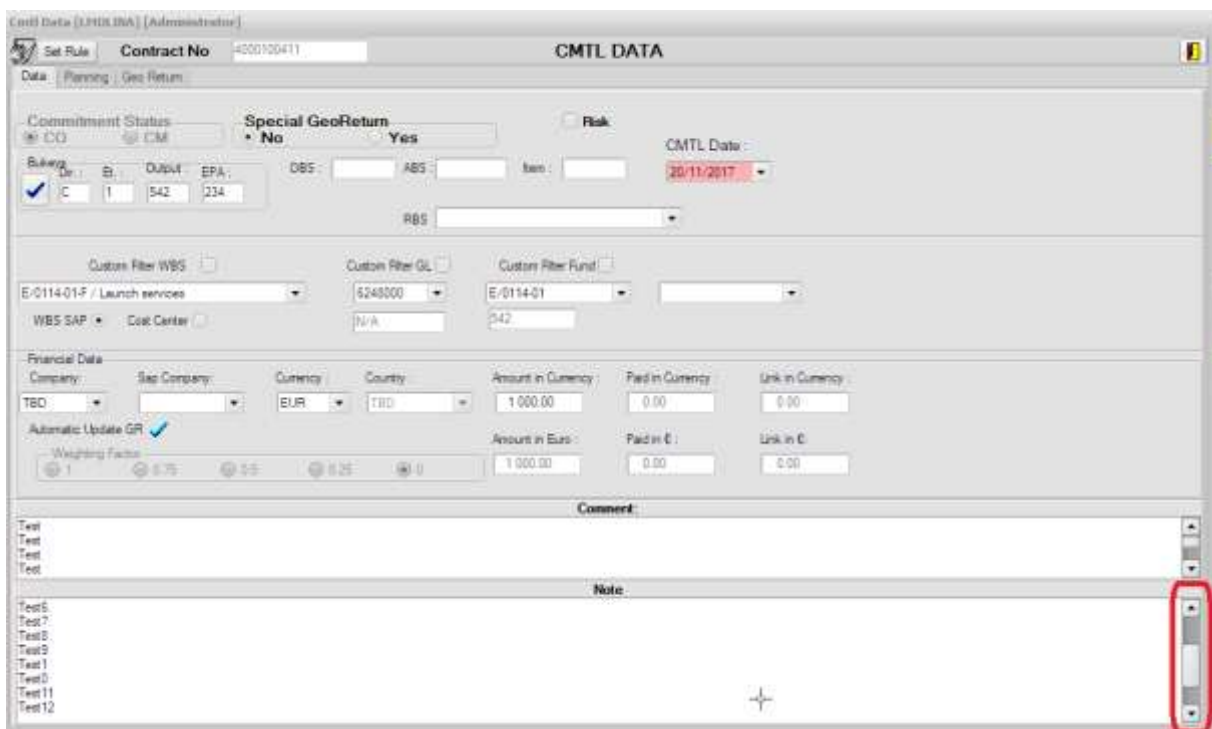
The screenshot shows the SAP PO Tab interface. The 'Find by ordered column' field contains '7000451547*'. The table below shows the invoice data. The 'Duplicate' button is highlighted with a red circle.

PT	SAP	RBS	Fund	Contract	MPP	MCP	PO lpcdb	PO	Payment Assistance	
Find by ordered column	7000451547*									
I...	O...	PA No.	Contract No.	Voucher No.	1	Status	Amount	Cur.	Supplier	Original Reference
		LM65	4000100370	7000451547		TBD	5.00	EUR	TBD	
		LM65	4000100370				5.00	EUR	TBD	

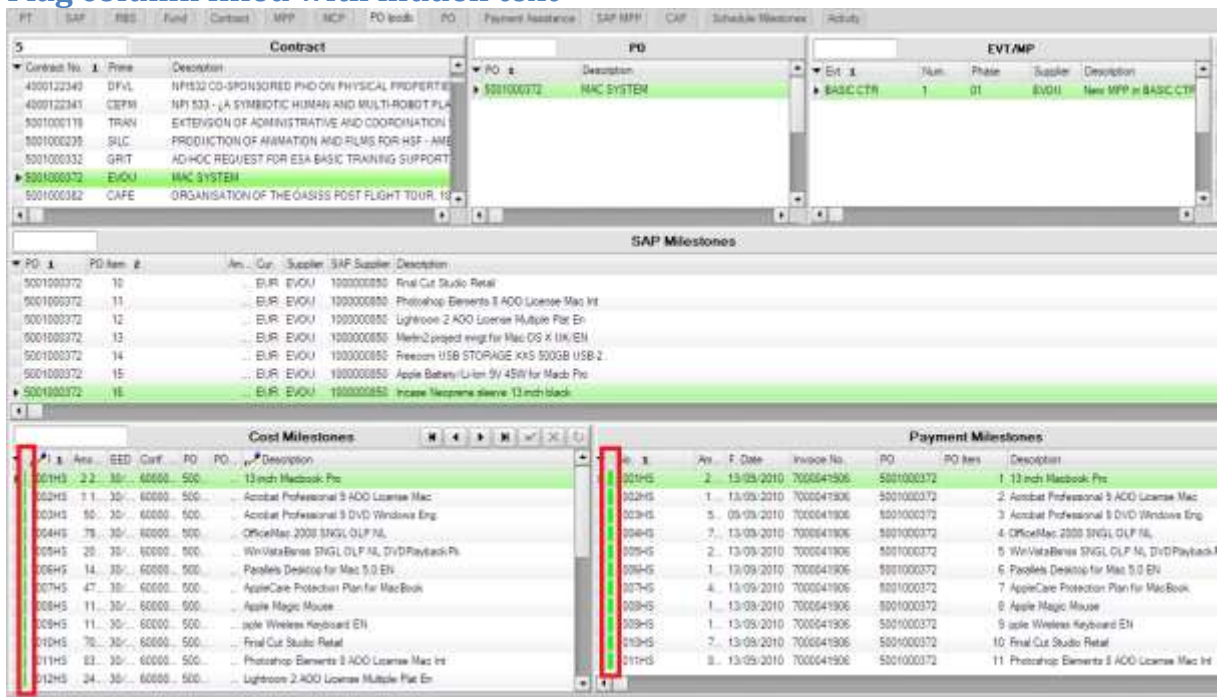
SAP Company codes are also available when entering a new Geographical distribution



In View Mode, a scroll-down menu is available for the Note within the CMTL DATA



Flag column filled with hidden text



PO	PO Item	Am.	Cur.	Supplier	SAP Supplier	Description
5001000372	10	EUR	EUR	1000000850	Final Cut Studio Retail	
5001000372	11	EUR	EUR	1000000850	Photoshop Elements 8 ADO License Mac Int	
5001000372	12	EUR	EUR	1000000850	Lightroom 2 ADO License Multiple Plat En	
5001000372	13	EUR	EUR	1000000850	Media2 project mgmt for Mac OS X (UK/EN)	
5001000372	14	EUR	EUR	1000000850	Freecom USB STORAGE KXS 500GB USB 2	
5001000372	15	EUR	EUR	1000000850	Apple Battery/Unitor 5W 45W for Macb Pro	
5001000372	16	EUR	EUR	1000000850	Incase Neoprene sleeve 13 inch black	

PO	PO Item	Am.	EED	Conf.	PO	PO Item	Description
001HS	2.2	30	60000	500	001HS	2	13 inch MacBook Pro
002HS	1.1	30	60000	500	002HS	1	Accrobat Professional 9 ADO License Mac
003HS	50	30	60000	500	003HS	5	Accrobat Professional 9 DVD Windows Eng
004HS	78	30	60000	500	004HS	7	OfficeMac 2008 SINGLE OLP NL
005HS	25	30	60000	500	005HS	2	WinVistaBene SINGLE OLP NL DVD Playback Pk
006HS	14	30	60000	500	006HS	1	Poodle Desktop for Mac 5.0 EN
007HS	47	30	60000	500	007HS	4	AppleCare Protection Plan for MacBook
008HS	11	30	60000	500	008HS	1	Apple Magic Mouse
009HS	11	30	60000	500	009HS	1	Apple Wireless Keyboard EN
010HS	70	30	60000	500	010HS	7	Final Cut Studio Retail
011HS	83	30	60000	500	011HS	8	Photoshop Elements 8 ADO License Mac Int
012HS	24	30	60000	500	012HS	2	Lightroom 2 ADO License Multiple Plat En

PO	PO Item	Invoice No.	PO	PO Item	Description
5001000372	1	7000041906	5001000372	1	13 inch MacBook Pro
5001000372	2	7000041906	5001000372	2	Accrobat Professional 9 ADO License Mac
5001000372	3	7000041906	5001000372	3	Accrobat Professional 9 DVD Windows Eng
5001000372	4	7000041906	5001000372	4	OfficeMac 2008 SINGLE OLP NL
5001000372	5	7000041906	5001000372	5	WinVistaBene SINGLE OLP NL DVD Playback Pk
5001000372	6	7000041906	5001000372	6	Poodle Desktop for Mac 5.0 EN
5001000372	7	7000041906	5001000372	7	AppleCare Protection Plan for MacBook
5001000372	8	7000041906	5001000372	8	Apple Magic Mouse
5001000372	9	7000041906	5001000372	9	Apple Wireless Keyboard EN
5001000372	10	7000041906	5001000372	10	Final Cut Studio Retail
5001000372	11	7000041906	5001000372	11	Photoshop Elements 8 ADO License Mac Int

Customize your displayed data with the extended option "Display/Hide Columns" within the DTB windows

This option is now widely available and provides the users an efficient way to customize the database and displayed data.

“Display/Hide Columns” can be found for the following windows: Contract; Contract Events; Milestone Plan; Payment Milestones; Invoice Lines; Milestones; Confirmations; SAP Milestones and Cost Milestones.

PT	SAP	RBS	Fund	Contract	MPP	MCP
5						
Contract No. 1 Description						
C17444 SOLAR ARRAY DESIGN AND TECHNOLOGY DEVE						
C1744400 SOLAR ARRAY DESIGN AND TECHNOLOGY DEVE						
C1745000 A10 AURORA AVIONICS ARCHITECTURE SYSTEM						
C1745100 A10 AURORA AVIONICS ARCHITECTURE SYSTEM						
C1745200 A10 AURORA AVIONICS ARCHITECTURE SYSTEM						
C17455 STUDY ON INTERPLANETARY GNSS						
C17465 DEVELOPMENT EPOSX FACILITY						
C1746500 DEVELOPMENT EPOSX FACILITY						
C17474 FAST TRACK : SCIENTIFIC ASSESSMENT OF A SY						
C1750900 REFLIGHT BLOOD MEASUREMENT INSTRUMENT						
C17530 DUTCH PROJECT OFFICE FOR DUTCH SOYUZ MI						
C1753000 DUTCH PROJECT OFFICE FOR DUTCH SOYUZ MI						
No 1 Supplier SAP Supplier Amount						
Display/Hide Columns 04699						
100AP9284- BSON 1000004699						
100AQ4388- BSON 1000004699						

Tab Fund: Search on funds “E/” activated (patch)

PT	SAP	RBS	Fund	Contract	MPP	MCP
E/01						
FUND Switch to OUTPUT						
CODE 1 DESCRIPTION						
E/0097-E4 EOEP- 4 Value Adding Element						
E/0098-E4 EOEP-4 Ground Segment Development						
E/0099-E4 EOEP-4 Mission Operations and Maintenar						
E/0100-01 Col. Mod & gr. Segm.						
E/0101-01P ISS Infrast. Sustainability 3rd BFC						
E/0101-01Q Infrast. Sust.E3P Period 1						
E/0101-01R ISS Infrastructure Sustainability P3 FIX						
E/0101-01S ISS Infrastructure Sustainability P3 VAR						

Option « Show Calculations » (patch)

Activation of this Option via the Top Menu “Options”, Tab “Others Options”. It is necessary to close and open the application after the activation.

Name	Value	Default Value	Description
WPCTR	false	false	Work Package Contract.
WP link to only one Ext Ctr	false	false	WP link to only one Ext Ctr.
WFM	false	false	Workforce F. module.
User Access Sap PT	false	false	Gestion des droits d'accès PT SAP.
Use DataSet Thread	false	false	Use DataSet Thread.
Trend Chart CD	true	true	Trend Chart CD
Tracking Geo Return	true	true	Survi des changements crill.
Target	true	true	Target.
Show reference in PT	true	true	Montre ou cache la référence dans l'affichage du Product Tree
Show new Calculation	true	false	Show Panel with new Calculation Cnt./Cost./Payments

Additional columns « New Commitment » and «New Payment ».

	Commitment	Cost	Payment	New Commitment	New Payment	€
Total	13.167	13.167	13.167	13.167	13.167	<input checked="" type="radio"/>
Planned	0.000	0.000	0.000	0.000	0.000	<input type="radio"/>
Actual	13.167	13.167	13.167	13.167	13.167	<input type="radio"/>
Provisional		0.000				<input type="radio"/>

Fixed Bugs from the 5.0.42 Version

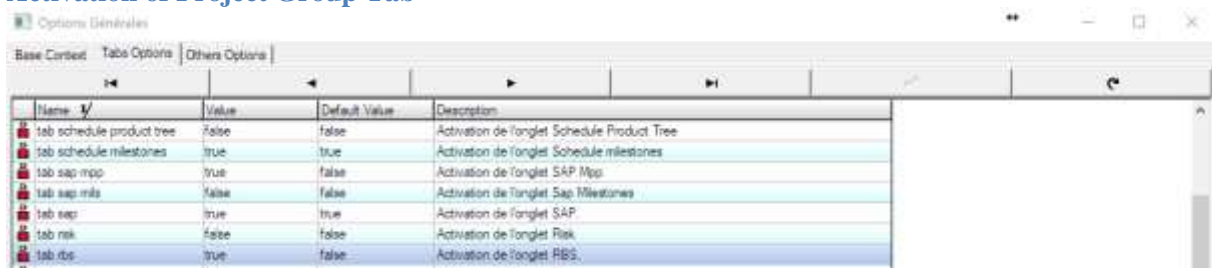
No Mantis	Tab	Description
0001126	General IPCDB	PO Tab -> MCP avec LAU
0001152	General IPCDB	01-bug ACTIVITY tab filtre ' last 3 months" tick ou pas = pareil
0000840	Work Request	Merci de créer un duplicate invoice dans le payment assistance
0001140	tab Payment Assistance	Function "Duplicate" does not work anymore in payment assistance tab?
0000076	Work Request	PLEASE provide us a way to create invoice easier
0000915	tab PO Ipcdb	Flag column filled with hidden text
0000968	Commitment line screen	Note in FDCMTL can't be scrolled in View Mode
0001024	General IPCDB	Not possible to insert supplier in IPCDB
0001001	Work Request	Généraliser l'option "ShowColumns"
0000914	General IPCDB	Display user's environment in the Admin Options
0001022	General IPCDB	The WO accepts only two digits, so WO with maximum number is 99. (linked to 0001049)
0001113	Georeturn	Company code availability in the Georeturn tab
0000302	General IPCDB	When losing connection to Oracle, display only 1 popup
0001115	Tab Output	09- TAB Output par défaut sur Fund pas output et graph fonctionel
0001078	tab Contract	12- ERROR dans EVT CTR quand on met un commentaire en face de PO initiation date IPCDB le met dans le champ PO Approval date
0001112	General IPCDB	Add options and default value for the Schedule Milestones delay unit. 2 nd Batch (V4.20)
N/A	tab Contract	Option « Show Calculations »
N/A	tab Contract	Elle contient la possibilité de Modify field à la date d'aujourd'hui.

No Mantis	Tab	Description
		2 nd Batch (V4.20)
0001071	Tab PO	14- Tab PO mettre les info du TAB MCP et non MPP
0001147	Business Objects	merci de rajouter le filtre RBS dans ce rapport MCP
0001151	tab Contract	09- si CMTL = 0 Quand on efface les lignes MCP a la main cela n est pas pris en compte
0001181	General IPCDB	00-base de test sur le server le .cmd ne fonctionne plus, impossible d ouvrir IPCDb depuis le server?
0001180	General IPCDB	01-Environnement TEST nomme TEST
0001153	GRNs Incorporation	01-EFFACER le SQL report : " Contractualisation plan Mcp "
0001104	Tab Mpp	0-ERROR tab MPP f.date=P.date si milestone PAID
0001148	General IPCDB	05- Report SQL MCP Activity rajouter une colonne WBS et GL complement a droite
0001116	General IPCDB	04- SQL report "Contractualisation plan Corrected" rajouter une colone WBS et GL
0001092	Tab Mpp	01- EED et Pdate : Regles automatiques de mise a jour
0001116		

Revisions in version 5.0.31

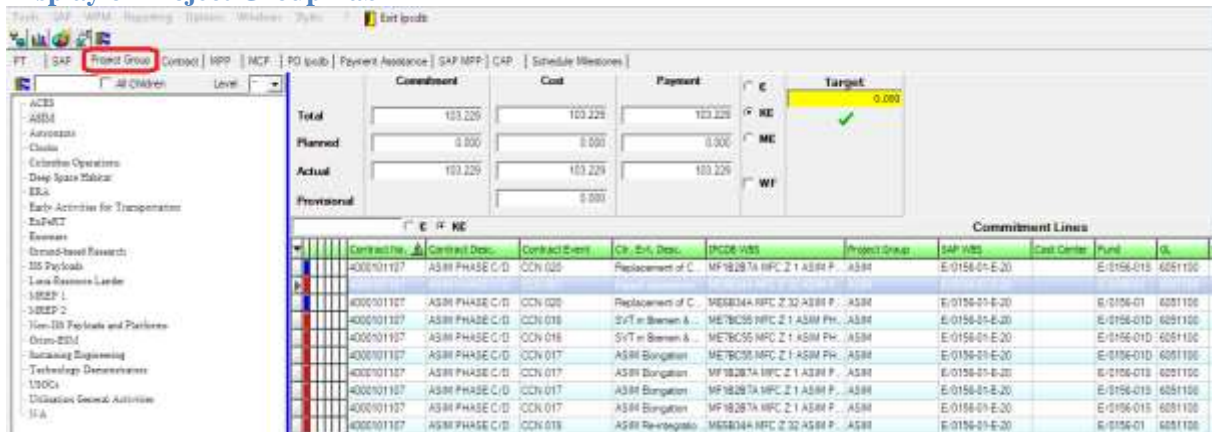
Finalisation of Project Group Tab for HRE

Activation of Project Group Tab



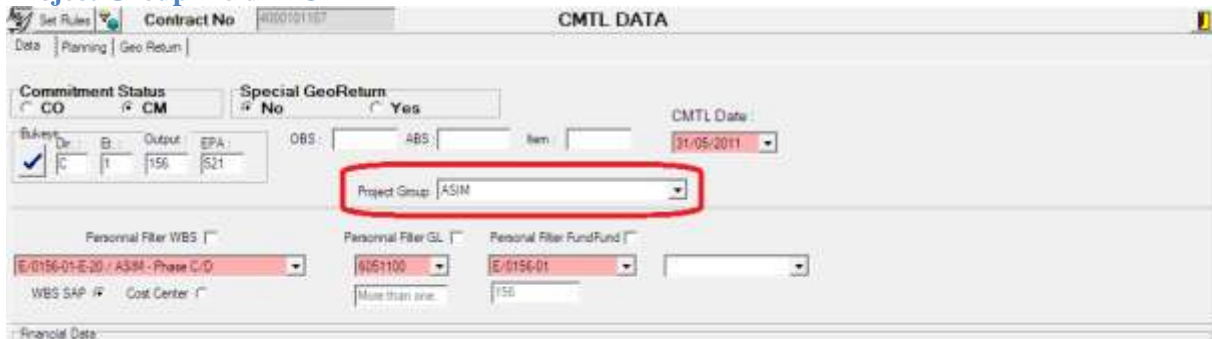
Name	Value	Default Value	Description
tab schedule product tree	false	false	Activation de l'onglet Schedule Product Tree
tab schedule milestones	true	true	Activation de l'onglet Schedule milestones
tab sap mpp	true	false	Activation de l'onglet SAP Mpp
tab sap mls	false	false	Activation de l'onglet Sap Milestones
tab sap	true	true	Activation de l'onglet SAP
tab risk	false	false	Activation de l'onglet Risk
tab rbs	true	false	Activation de l'onglet RBS

Display of Project Group Tab



Contract No.	Contract Desc.	Contract Event	CP	Evnt	Desc.	PCODE WBS	Project Group	SAP WBS	Cost Center	Fund	GL
4000101107	ASIM PHASE C/D	CON 025			Replacement of C	MF18287A NRC Z 1 ASIM P	ASIM	E/0156-01-E-20		E/0156-015	6051100
4000101107	ASIM PHASE C/D	CON 026			Replacement of C	ME88364 NRC Z 32 ASIM P	ASIM	E/0156-01-E-20		E/0156-01	6051100
4000101107	ASIM PHASE C/D	CON 018			SvT in Bremen &	ME78C55 NRC Z 1 ASIM Ph	ASIM	E/0156-01-E-20		E/0156-01D	6051100
4000101107	ASIM PHASE C/D	CON 016			SvT in Bremen &	ME78C55 NRC Z 1 ASIM Ph	ASIM	E/0156-01-E-20		E/0156-01D	6051100
4000101107	ASIM PHASE C/D	CON 017			ASIM Bongarten	ME78C55 NRC Z 1 ASIM Ph	ASIM	E/0156-01-E-20		E/0156-01D	6051100
4000101107	ASIM PHASE C/D	CON 017			ASIM Bongarten	MF18287A NRC Z 1 ASIM P	ASIM	E/0156-01-E-20		E/0156-01D	6051100
4000101107	ASIM PHASE C/D	CON 017			ASIM Bongarten	MF18287A NRC Z 1 ASIM P	ASIM	E/0156-01-E-20		E/0156-01D	6051100
4000101107	ASIM PHASE C/D	CON 017			ASIM Bongarten	MF18287A NRC Z 1 ASIM P	ASIM	E/0156-01-E-20		E/0156-01D	6051100
4000101107	ASIM PHASE C/D	CON 018			ASIM Reintegratio	ME88364 NRC Z 32 ASIM P	ASIM	E/0156-01-E-20		E/0156-01	6051100

Project Group Field in CMTL DATA



Contract No. 4000101107

CMTL DATA

Commitment Status: CO CM

Special GeoReturn: No Yes

CMTL Date: 31/05/2011

Project Group: ASIM

Personal Filter WBS: E/0156-01-E-20 / ASIM - Phase C/D

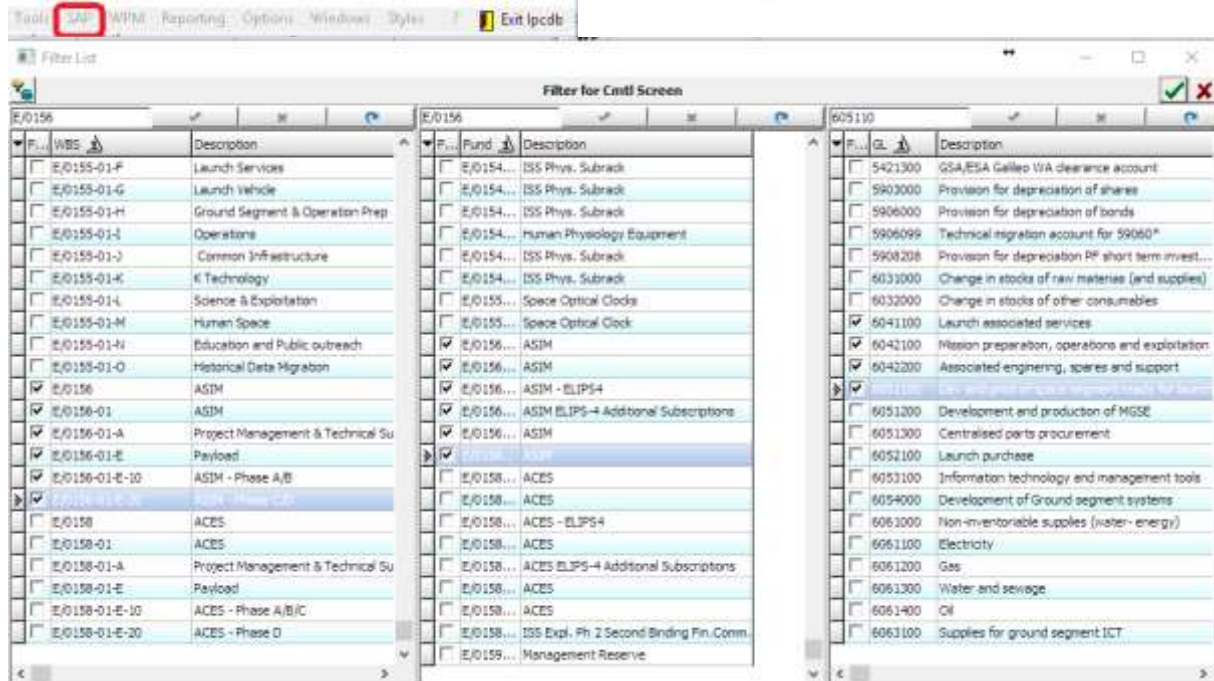
Personal Filter GL: 6051100

Personal Filter FundFund: E/0156-01

WBS SAP: Cost Center: More than one: 156

Define Filter Sap List & Apply Custom Filters

Within SAP Top Menu, selection of Custom Filters in the Sap List



SAP Custom Filter Fields in CMTL DATA

Cmtl Data [OCABAUD] [Administrator]

Set Rules Contract No 4000100309 CMTL DATA

Data Planning Geo Return

Commitment Status ☐ CO ☒ CM Special GeoReturn ☒ No ☐ Yes Risk ☐

Bukeys Dir.: Et.: Output: EPA: OBS: ABS: Item: 11SAP CMTL Date: 01/03/2011

☒ L 3 ME2 510

RBS FLPP 2.2 IXV

Custom Filter WBS ☒ Custom Filter GL ☒ Custom Filter Fund ☒

E/0226-01-A-40 / OPS expenditure 6171000 E/0226-02

WBS SAP ☒ Cost Center ☐ 510 ME2

Financial Data

The checkbox is ticked by default, whenever the value (Fund, WBS or GL) belongs to the list of SAP Custom Filters selected by the user.

Define Set Rules for Milestones Planning & Apply Rules

Activation of the option “Apply Milestones Rules”

Base Context Tabs Options Others Options				
Name	Value	Default Value	Description	
Affichage Tree Sap	Node+Desc	Tree	Choix d'affichage dans l'arbre SAP.	
Apply Milestones Rule	true	False	Apply % defined by the user to the first and last milestone	
Bfile(True) or Blob(False)	true	true	Save attached files into Server (BFile) or Database (Blob)	

Options Générales				
Base Context Tabs Options Others Options				
Name	Value	Default Value	Description	
Affichage Tree Sap	Node	Tree	Choix d'affichage dans l'arbre SAP.	
Apply Milestones Rules	False	False	Apply a user predefined % to the first and last milestone	

Users can define the percentages to be applied to the first and last milestone via the Tables Maintenance (Tools Menu)

Administration | **Tools** | SAP | WPM | Reporting | Options | Windows | Styles | ? | Exit lpcdb

PT | SAP | Tables Maintenance > | Budgetaries Keys

Reload Sppath > | Companies

Import > | Countries

Contract No. | Prime | Description

4000100370 | KARO | Tropical Team on toxic

4000100411 | NASA | REIMBURSABLE AGR

4000100423 | CNRS | TOPICAL TEAM "PHO

4000100632 | ACRA | GEDA:GENERIC DATA

4000100652 | NRCI | CORA-GBF-MAP99-LS

4000100671 | DSFR | FSL-EC FASES LAUNC

4000100691 | ALSR | MULTI-PURPOSE VISI

4000100761 | HHID | SCIENTIFIQ SUPPORT

4000100792 | NASA | REIMBURSABLE SER

4000100825 | KAYI | SPHINX EXPERIMENT

4000100865 | CNRE | GROUND SEGMENT A

4000100984 | VNPS | SUBJECT LOADING S

4000101015 | UBN | TOPICAL TEAM "ELEC

Budgetaries Keys

Companies

Countries

Currencies

Directorate

EPA

Establishements

Exchange Rate & Economical Conditions

IPC/AC Contract Dates

Milestones Planning

Output

Personnel

Place Of Work

Price Type

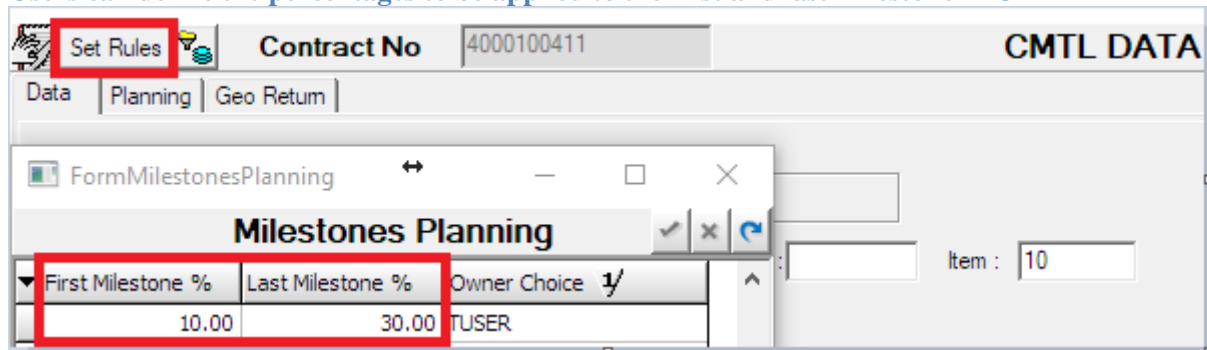
Program Table

WBS Model - CAP Reference

Default Project Group

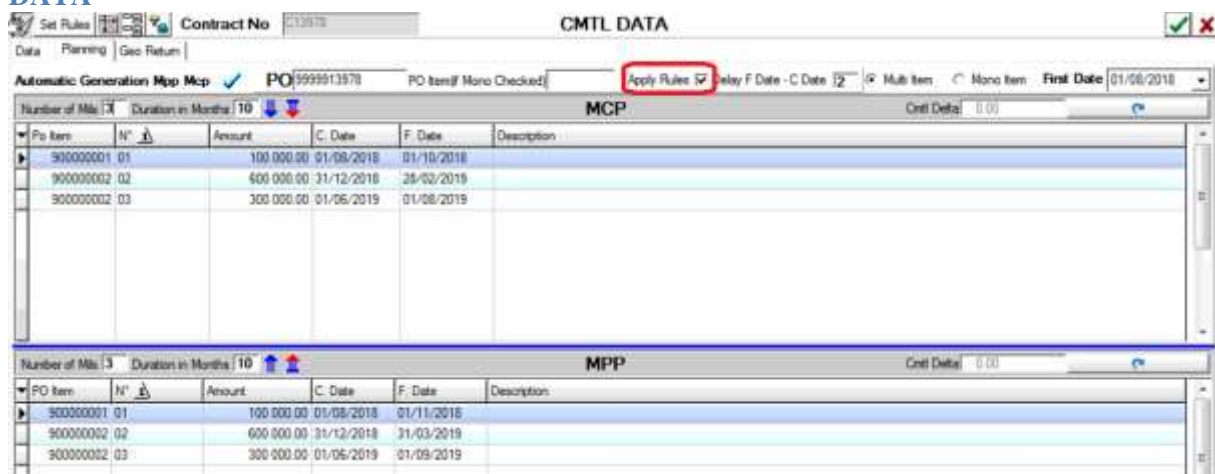
FormMilestonesPlanning		
Milestones Planning		
First Milestone %	Last Milestone %	Owner Choice
10.00	20.00	TUSER

Users can define the percentages to be applied to the first and last milestone in CMTL DATA



The screenshot shows the 'CMTL DATA' window with the 'Set Rules' button highlighted. Below it, the 'Milestones Planning' window is open, showing a table with columns: 'First Milestone %', 'Last Milestone %', and 'Owner Choice'. The values are 10.00, 30.00, and TUSER respectively. The 'Item' field is set to 10.

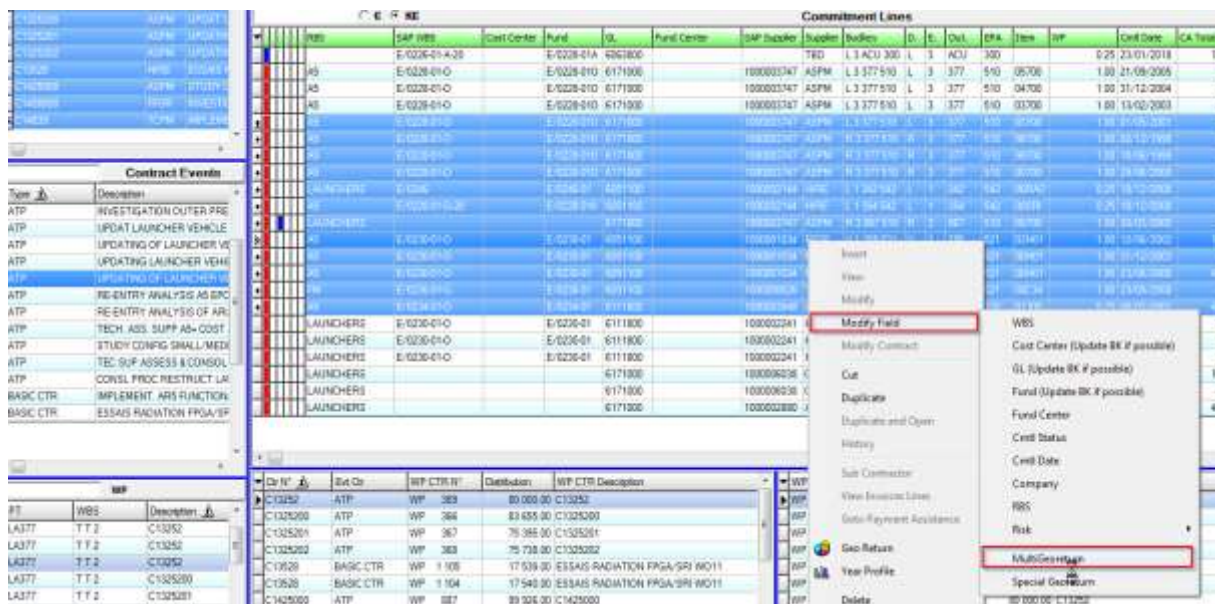
“Apply Rules” is ticked using the Automatic creation of the Planning Mpp Mcp in CMTL DATA



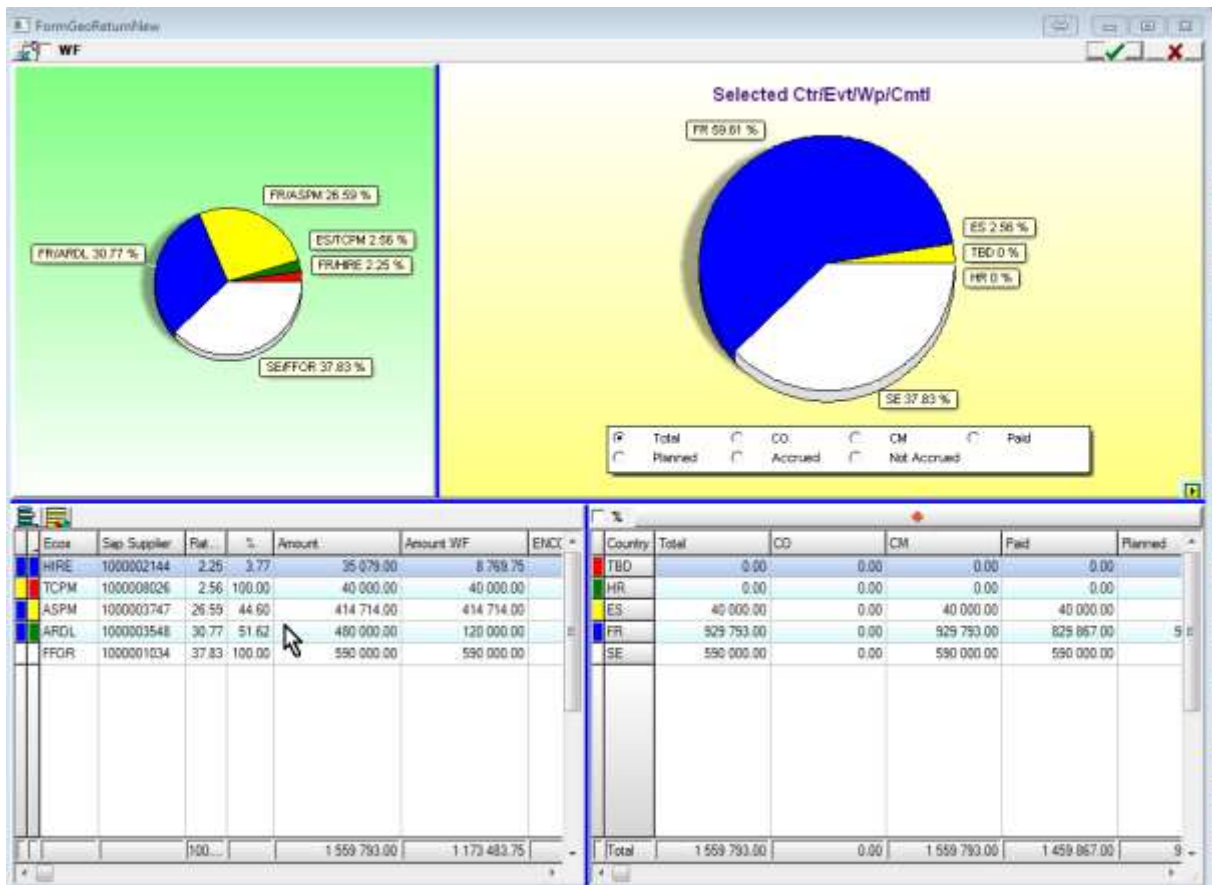
The screenshot shows the 'CMTL DATA' window with the 'Apply Rules' checkbox checked. The 'Automatic Generation Mpp Mcp' section is visible, showing a table with columns: 'PO Item', 'N°', 'Amount', 'C. Date', 'F. Date', and 'Description'. The table contains three rows of data.

Note: In the case of a 2 milestones MPP and if the sum of both percentage is <100%, only the percentage of the first milestone will be applied by default.

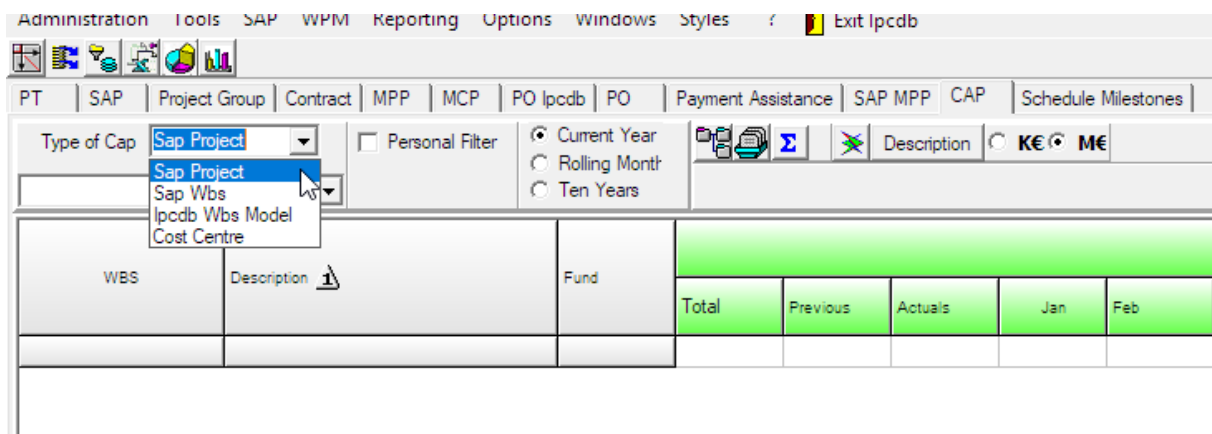
Modify the Georeturn for a selection of Commitment Lines



The screenshot shows the 'Commitment Lines' table with columns: 'WBS', 'SAP WBS', 'Cost Center', 'Fund', 'GL', 'Fund Center', 'SAP Budget', 'Budget', 'Budget', 'D. S.', 'Del.', 'EPA', 'Item', 'WP', 'Cmt Date', and 'CA Total'. A context menu is open over the table, showing options like 'Insert', 'View', 'Modify', 'Duplicate', and 'Delete'. The 'Modify Field' option is highlighted.



Implementation of new Type of Cap



The screenshot shows the 'Administration Tools SAP WPM Reporting Options Windows Styles' menu. The 'Type of Cap' dropdown menu is open, displaying the following options:

- Sap Project
- Sap Wbs
- Ipcdb Wbs Model
- Cost Centre

The 'Sap Project' option is selected. The 'Personal Filter' checkbox is checked. The 'Current Year' radio button is selected. The 'Description' field is empty. The 'KE' and 'ME' radio buttons are selected. The 'Total' field is empty. The 'Previous' field is empty. The 'Actuals' field is empty. The 'Jan' field is empty. The 'Feb' field is empty.

The addition of new Types of Cap within the drop-down menu, such as the cap view by Sap Project, is shortening the loading time within the CAP Tab.

Administration Tools SAP WPM Reporting Options Windows Styles ? Exit lpcdb

PT SAP Project Group Contract MPP MCP PO lpcdb PO Payment Assistance SAP MPP CAP Schedule Milestones

Type of Cap Sap Project ☐ Personal Filter ☒ Current Year ☐ Rolling Month ☐ Ten Years

Description ☐ KE ☒ ME

Fund		Total	Previous	Actuals	Jan	Feb
E/0100-01 Columbus module and groi						
E/0101-01 ISS Infrastructure Sustaina						
E/0102-01 ISS Dev. Prog. Integr. up						
E/0103-01 ISS Exploitation Programm						
E/0104-01 Columbus Operation up to						
E/0105-01 Columbus Ops 2011 and c						
E/0106-01 ISS Expl. Prog. Integr. up t						
E/0107-01 ISS Infrastructure NASA re						
E/0108-01 ISS Barter/Freezers/LSE						
E/0109-01 MPCV-ESM Development						
E/0110-01 DMS-R						
E/0111-01 MPCV-ESM Production (F						
E/0112-01 USOCs						
E/0113-01 MPCV-ESM Development						
E/0114-01 Payload integration and op						
E/0115-01 Technology Demonstrator						
E/0116-11 ExPeRT: MarsX						
E/0116-21 ExPeRT: Deep space hab						
E/0116-31 ExPeRT: MELISSA						
E/0116-41 ExPeRT: LEO & Moon Exp						

WO numbers can be now composed of 3 characters in the Contract Event Data window and the Contract Events Field

Contract No C1722000 Contract Event Data

Type: WO Event No : 123 Shopping Cart nr: 100000

Description: CCN RIDER WO ATP

Initiator: Signature Date: 23/01/2018 Begin Date: 23/01/2018 End Date: 23/01/2018

PT | SAP | Project Group | **Contract** | MPP | MCP | PO | lpcdb | PO

ATV **Contract**

Contract No.	Prime	Description
5001012326	EMBN	ATV 2 - 5 PATCHES
P1081375	HUPK	ATV AND COLUMBUS
I12936	TBD	ATV ARIANE 5 ADAPT
5001012536	PFCA	ATV BOOK
C1722000	ALEI	ATV CARGO BAGS - N
C1370300	ALEI	ATV CARGO INTEGR/A
5001004675	HAL3	ATV CREW INSPECTI
C1383600	ASPM	ATV CREW TRAINER
C1383500	ALEI	ATV CREW TRAINER
C1657400	SASB	ATV DERIVED VEHICL

Contract Events

Type	Description
BASIC CTR	ATV CARGO BAGS - NEW TI
CCN 001	CARGO TRANSFER BAGS
WO 123	

WP

PT	WBS	Description

Default value for the Schedule Milestone delay unit in Month(s)

Link to Schedule Milestone

OK

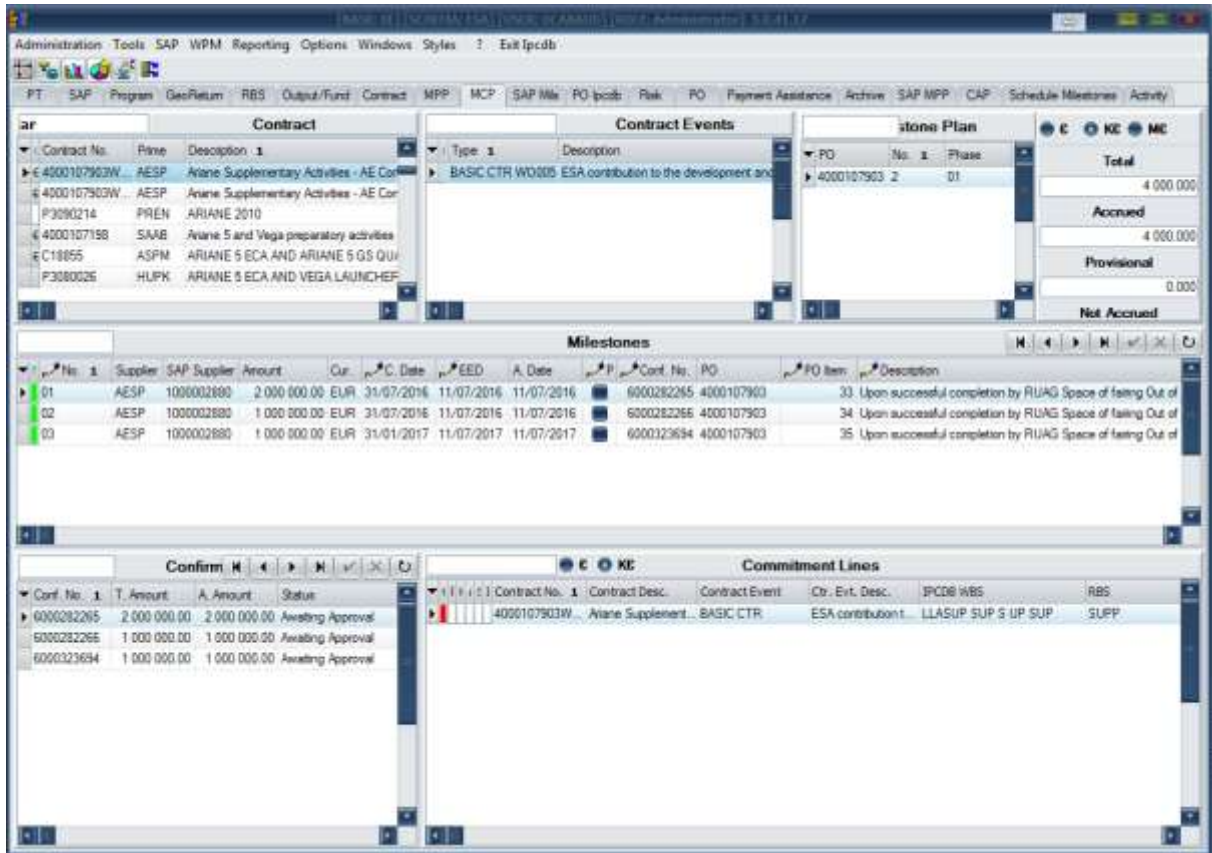
Code	Description	Date	Occured	Project Cont...	Predecessor	Delay	Days-Months
AC...	GT EU SN2-6 ready for shipment (A...	01/05/2017	✓	Gonzalo, Ana			
AC...	MWL GT2 Deployment to PTB	01/02/2017	✓	Gonzalo, Ana			
AC...	MWL GT3 Deployment to SYRTE	01/02/2017	✓	Gonzalo, Ana			
AC...	GT7to9: Completion of procurement	18/09/2015	✓	Gonzalo, Ana			
AC...	GT7to9: MWL GT 7-9 Acceptance R...	18/11/2016	✓	Gonzalo, Ana			
AC...	GT7to9 ready for delivery	20/06/2017	✓	Gonzalo, Ana			
AC...	TIM SysCon delivery	01/03/2016	✓	Gonzalo, Ana			
AC...	TIM EU 7to9 delivery	15/08/2016	✓	Gonzalo, Ana			
AC...	MLI integration	01/03/2018	✓	Gonzalo, Ana			
AC...	MWL FS TRR	20/06/2017	✓	Gonzalo, Ana			
AC...	MWL FS PTR	20/07/2017	✓	Gonzalo, Ana			
AC...	MWL FS FAR	20/07/2017	✓	Gonzalo, Ana			
AC...	PDU FAR/QR	24/08/2015	✓	Gonzalo, Ana			
AC...	ACES FMSR - RIDS closure	15/12/2016	✓	Gonzalo, Ana			
AC...	ACES PL TRR	12/10/2017	✓	Gonzalo, Ana			
AC...	ACES PL PTR	30/10/2018	✓	Gonzalo, Ana			

Days-Months

Delay 0

☐ Day(s)
 ☒ Month(s)

Implementation of the Cost version of IPCDB for Launcher



The screenshot displays the IPCDB software interface with the following data tables:

Contract			
Contract No.	Prime	Description	
4000107903W	AESP	Ariane Supplementary Activities - AE Co	
4000107903W	AESP	Ariane Supplementary Activities - AE Co	
P3090214	PREN	ARIANE 2010	
4000107158	SAAB	Ariane 5 and Vega preparatory activities	
C18055	ASPM	ARIANE 5 ECA AND ARIANE 5 GS QUI	
P3080025	HUPK	ARIANE 5 ECA AND VEGA LAUNCHER	

Contract Events			
Type	Description		
BASIC CTR	WD205	ESA contribution to the development and	

Milestones			
No.	Supplier	SAP Supplier	Amount
01	AESP	1000002880	2 000 000.00
02	AESP	1000002880	1 000 000.00
03	AESP	1000002880	1 000 000.00

Commitment Lines			
Contract No.	Contract Desc.	Contract Event	Contract Desc.
4000107903W	Ariane Supplement...	BASIC CTR	ESA contribution t

Modify the Field Cmt Date for one or a selection of Commitment Lines CO

PT	SAP	Project Group	Contract	MPP	MCP	PO lccdb	PO	Payment Assistance	SAP MPP	CAP	Schedule Milestones
c21043 Contract											
			Commitment			Cost			Payment		
Total			360.000			360.000			360.000		
Planned			360.000			360.000			360.000		
Actual			0.000			0.000			0.000		
Provisional						0.000					
Contract Lines											
Contract No. Contract Desc. Contract Event Ctr. Ext. Desc. IPCDS WBS Project G											
C21031 PARABOLIC FLIGHTS C-FLIGHT ME6C3 UPLP P 01 PARABOLIC ... MB TBD Z 3 EDUCATION											
C21031 PARABOLIC FLIGHTS C-FLIGHT ME6C3 UPLP Z 02 PARABOLIC ... MB TBD Z 3 EDUCATION											
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C21031 PARABOLIC FLIGHTS C-FLIGHT ME6C3 UPLP Z 02 PARABOLIC ... MB TBD Z 3 EDUCATION											
C21031 PARABOLIC FLIGHTS C-FLIGHT ME6C3 UPLP Z 02 PARABOLIC ... MB TBD Z 3 EDUCATION											
C21031 PARABOLIC FLIGHTS C-FLIGHT ME6C3 UPLP Z 02 PARABOLIC ... MB TBD Z 3 EDUCATION											
C21031 PARABOLIC FLIGHTS C-FLIGHT ME6C3 UPLP Z 02 PARABOLIC ... MB TBD Z 3 EDUCATION											
C21031 PARABOLIC FLIGHTS C-FLIGHT ME6C3 UPLP Z 02 PARABOLIC ... MB TBD Z 3 EDUCATION											

>	C21031	PARABOLIC FLIG...	BASIC CTR	PARABOLIC FLIG...	ME5B5 UPLP P 01 PARABO...
•	C21031	PARABOLIC FLIG...	BASIC CTR	PARABOLIC FLIG...	ME5B5 UPLP P 01 PARABO...
	C21031	PARABOLIC FLIG...	CCN 012	ME6C3 UPLP Z 02 PARABO...	
	C21031	PA	Cmtl Date		
	C21031	PA	Only for Cmtl in CO status.		
	C21031	PA	The milestones foreseen dates associated will be affected		
	C21031	PA	06/02/2018		
	C21031	PA			
	C21031	PARABOLIC FLIG...	CCN 015	CCN 15 - CONTIN...	ME7C32 UPLP Z 01 PARAB...

The milestones foreseen dates will be modified accordingly.

In MCP Tab, Foreseen Date (F. Date) has been renamed as EED (LAU)

Administration Tools SAP WPM Reporting Options Windows Styles ? Exit lpcdb																																											
PT SAP Program GeoReturn RBS Output/Fund Contract MPP MCP SAP Mts PO lpcdb PO Payment Assistance Alert Archive SAP MPP CAP Schedule																																											
Contract																																											
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No.	Supplier	SAP Supplier	Amount	Cur.	C. Date	EED	A. Date	P.	Conf. No.	PO	PO Item	Description																															
01	ZOOM-1		0.00	EUR	31/10/2011	31/12/2016				4000100304	900072917 (CCN1)																																



Automation postponement of milestone EED and Foreseen payment date (LAU)

IF a milestone is not accrued and IF the EED is equal the current calendar (i.e. today), then the EED will be postponed by +30 days.

IF EED is postponed by 30 days as a result of the above automation, then the foreseen payment date will be postponed accordingly, only IF there is no GRN accrued or awaiting to be accrued, otherwise no change will be applied on the F. payment date.

Fixed Bugs from the 5.0.41 Version

No Mantis	Tab	Description
0001111	Workforce Planning Module	Recharges from Fund E/0422-04E and E/0422-04C to rebook on E/0422-06
0001109	Commitment line screen	Dans CMTL DATA, L'ouverture de la fenetre "Filter for Cmtl Screen" via icone du filtre engendre la perte de SAP WBS/Fund/GL
0001112	General IPCDB	Add options and default value for the Schedule Milestones delay unit
0001106	General IPCDB	Options Generales - Others Options : Changer la description par défaut de l'entrée "Apply Milestones Rules"
0001107	Commitment line screen	"SAP Custom Filter" Fields in CMTL DATA, to be renamed from "Personal" to "Custom" Filter
0001049	General IPCDB	Not enough character for WO number (in contract event field)
0001050	tab CAP	CAP View freeze
0001051	Commitment line screen	Payment Milestones "fantomes" qui empêche de valider une CMTL
0001052	Georeturn	no "special georeturn" button available when modifying GR of several CMTL
0001055	tab Payment Assistance	Cannot View or Modify Payment in the Payment assistance tab
0001057	GRNs Incorporation	Integration of GRNs not possible - (GSP version)
0001045	tab Contract	Finaliser Ecran GSP en insertion
0001103	General IPCDB	0 si MS not accrued et EED = today; alors EED +30 jours
0001102	tab Contract	0 - Modify field Cmtl date
0001089	General IPCDB	05- ERROR message WPM
0001087	tab Contract	000- CMTL date ne se décale plus automatiquement
0001080	tab MCP	000- BUG? Est-ce que les GR et INV sont vraiment chargées automatiquement? (nouveau MCP au LAU)
0001085	General IPCDB	Film Demo de Presentation de IPCDB not accessible
0001065	tab MCP	01- Mettre EED a la place de F date dans MCP milestone

No Mantis	Tab	Description
0001061	tab MCP	00-ERROR Multiselection a réactiver
0001081	tab MCP	001-si EED décale de 30 jours alors F.P. date decale aussi si no GR sinon rien faire
0001059	tab Contract	01- "Apply rules" by default
0001070	tab MCP	00- ERROR message bloquant quand on veut faire une CCN a cout 0
0001077	Business Objects	00- ERROR BO charts (konstantin) ne montre pas de
0000926	General IPCDB	11_Incoherence year profile
0000924	General IPCDB	04_Schedule Milestones to LAU
0001028	Business Objects	01-Rapport BO Charts LAU RBS 00 23
0001060	tab MCP	normalement quand il y a un filtre, alors le symbole "filtre en haut à gauche est en rouge... à réactiver !
0000995	General IPCDB	TAB IPCDB clean up
0000727	General IPCDB	Tri, dimensions
0000451	General IPCDB	User Interface Personalisation
0000103	Work Request	Un MS peut-il être lié à une CMTL CO et a une CMTL CM?
0001031	General IPCDB	01-Baseline IPCDB
0001041	tab CAP	07-CAP by Fund
0001033	General IPCDB	01-NOC export, mettre le Prime de l EVT CTR a la place du prime du CTR
0001029	Work Request	01-Create MPP report by activity
0001011	tab PO	01_TAB PO à finir
0000879	General IPCDB	PIP tool effacer toutes les lignes de code inutile car PIP non utilisé
0000869	tab Contract	03_Filter funds filter WBS : Présélection Funds et WBS qui ne marche pas sur les nouveaux funds
0000536	tab Output	03_Onglet Fund exactement pareil que l'onglet output mais basé sur les Funds
0000462	tab PO	05_Tab PO le filtre n'est pas actif
0001040	Work Request	01 --Report SQL Excel Eros Georeturn Forecast Details, les filtres ne fonctionnent pas

No Mantis	Tab	Description
0001039	Work Request	01-- Report SQL Excel Contractualisation plan Corrected dupliquer ce rapport: et mettre les montants weighted en totaux et par pays et le nommer Contractualisation plan Weighted
0001037	tab PO	01- PO description vide
0001034	General IPCDB	01- FR SC export rajouter une colonne et mettre le nom complet
0001038	Work Request	01 - Report SQL Excel Cost plan Ctr evt vittorio = dupliquer ce rapport: et rajouter 2 colonnes: WBS description après le WBS
0001110	tab Contract	0- ERROR multiselection CMTL date -12 moins = EED + 12 mois au lieu de - 12 mois!!!
0001117	tab Contract	03- tab CTR- > Evt CTR duplicate AND OPEN
0001122	Business Objects	0001122: 04-BO report Contractualisation Plan STAT ne fonctionne plus
0001120	General IPCDB	0001120: 00- IPCDB 2018 baseline database
0001084	Work Request	10- Importer les infos du E/0287 P120C

Revisions in version 5.0.32

CAP View for Cost Centre

IPSI (BASE: ORCL) (SCHEMA: TESTLAU) (USER: ESA) (ROLE: Administrator) 5.0.32.9

Administration Tools SAP WPM Reporting Options Windows Styles Exit Ipsdb

PT SAP RBS Output/Fund Contract MPP SAP MIs PO Ipsdb PO Payment Assistance Alert Archive SAP MPP CAP Schedule Milestones Activity

Type of Cap: **Cost Centre** ☒ Current Year ☐ Rolling North ☐ Ten Years

Description: **KE** **ME**

Cost Centre	Description	Fund	Total	Previous	Actuals	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
LAU-SN	Future Launch, Preparatory Program FLPPN/A												
LAU-SN	Future Launch, Preparatory Program FLPPN/A		0.012	0.012									
LAU-SN	Future Launch, Preparatory Program FLPPN/A												
LAU-SN	Future Launch, Preparatory Program FLPPN/A												
LAU-SN	Future Launch, Preparatory Program FLPPN/A		0.035	0.035									
LAU-SN	Future Launch, Preparatory Program FLPPN/A												
Total			0.047	0.047									

Commitment Lines

Contract No.	Contract Desc.	SPOB WBS	RES	SAP WBS	Cost Center	Fund	GL	Fund Center	SAP Supplier	Supp
C19634W0015	Manpower support	LA354MNG MNGT 1 1 MAN	LAUNCHERS		LAU-SN		6217000	F-LAU-MNP	1000003211	JPSI
C19624W0015	Manpower support	LA354MNG MNGT 1 1 MAN	LAUNCHERS		LAU-SN		6217000	F-LAU-MNP	1000003211	JPSI

Import Contract Milestones from SAP with Default Cmtl Date

[BASE: ORCL] [SCHEMA: TESTLAU] [USER: ESA] [ROLE: Administrator] 3.0.32.0

Administration Tools SAP WPM Reporting Options Windows Styles ? Exit Ipcdb

PT SAP PPS Output/Fund Contract MPP SAP Mile PO Ipcdb PO Payment Assistance Alert Archive **SAP MPP** CAP Schedule Milestones Activity

Contracts				Contract Events		Milestone Plan					
Contract No.	Prime	SAP Supplier	Description	Type	Description	No.	Phase	Supplier	SAP Supplier	Cur.	Description
CE23701LEA	ESA		LEAP CLASSICAL PR...								
C022587	ALSR	1000053215	0XV PHASE C2 + LUJ								
C0825800	ORAC	100005883	ORACLE MAINTENAN...								
C1142502	TBD		CONSULTANCE								

Payment Milestones										
No.	Supplier	SAP Supplier	Amount	Cur.	C. Date	F. Date	A. Date	PO	PO Item	Description

Associated Cmtl (C)				SAP Account Assignment				IPCDB Budget				Program/PT/WBS/WP				
Sup.	SAP Suppl.	Amount	Ass. Amount	Cmtl D...	WBS	Cost Center	Fund Cen.	Fund	GL	D. E.	Out.	EPA	Program	PT	WBS	WP

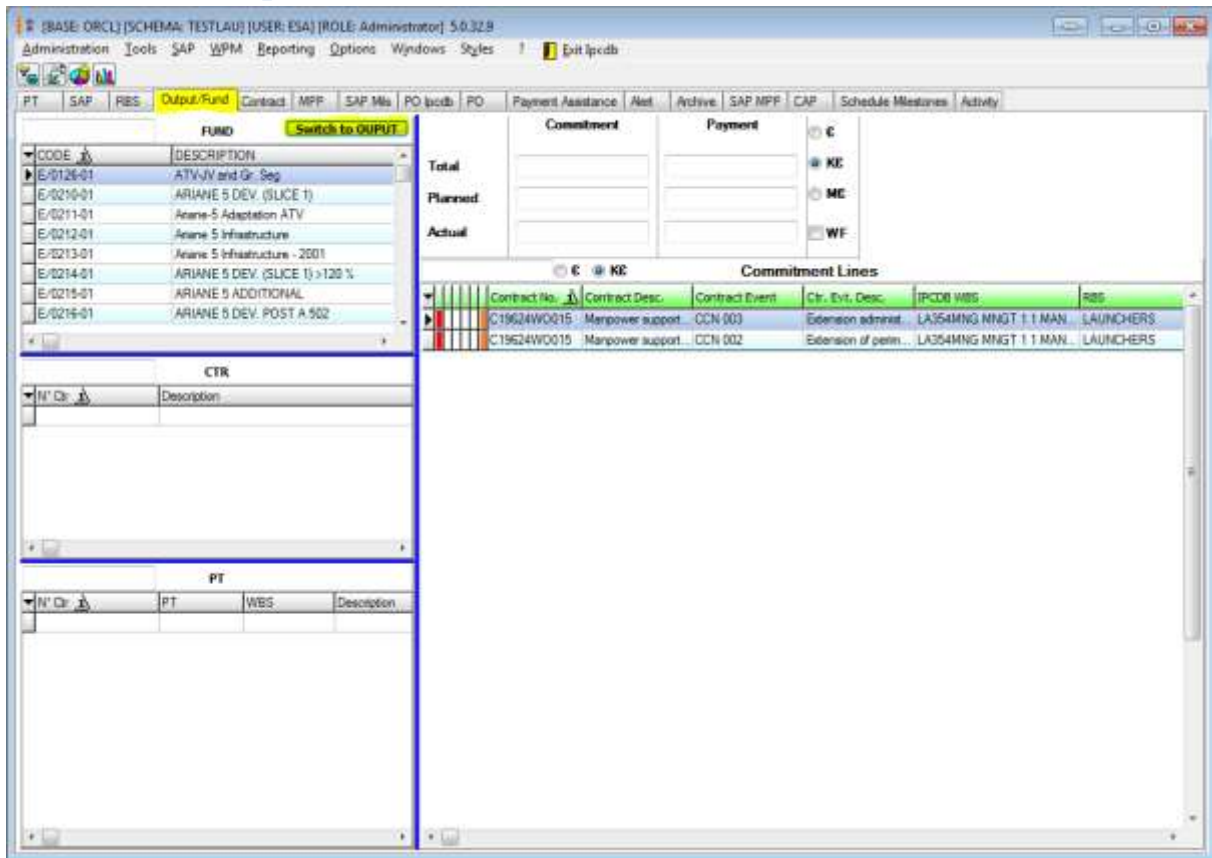
Force Ctr Context

SAP Milestones Use Default Cmtl Date Use this Date: 02/05/2017

PO		Milestones				Amounts (C)				SAP Account Assignment			
PO I.	Code	Date	SAP Supplier	Supplier	Type	Amount	Cost	Disb.	WBS	Cost Center	Fund Cen.	Fund	
4000100308	1	1.001.001	31/12/2010	1000003747	ASPM	Z3_MIL_IT	3 226 903.00	3 226 903.00	3 226 903.00	E/0236-01-G			E/0236-01
	22	1.001.002	30/11/2011	1000003747	ASPM	Z3_MIL_IT	1 287 843.00	0.00	0.00	E/0236-01-G			E/0236-01
	23	1.001.003	31/12/2011	1000003747	ASPM	Z3_MIL_IT	976 818.00	0.00	0.00	E/0228-01-G-60			E/0228-01
	47	1.001.004	31/12/2011	1000003747	ASPM	Z3_MIL_IT	311 525.00	0.00	0.00	E/0236-01-G			E/0236-01
MP	24	1.001.005	31/07/2012	1000003747	ASPM	Z3_MIL_IT	436 212.00	0.00	0.00	E/0228-01-G-60			E/0228-01
1.001	Total	Total					20,839,339.00	14,730,398.00	14,730,398.00				

Import with Date of the first Milestone-1day

Add Fund in Output Tab



Administration Tools SAP WPM Reporting Options Windows Styles ? Exit jpcdb

PT SAP RBS **Output/Fund** Contract MPP SAP Mls PO jpcdb PO Payment Assistance Alert Archive SAP MPP CAP Schedule Milestones Activity

FUND [Switch to OUTPUT](#)

CODE	DESCRIPTION
E/0210-01	ATV-VJ and Gr. Seg
E/0210-01	ARIANE 5 DEV. (SUCE 1)
E/0211-01	Ariane 5 Adaptation ATV
E/0212-01	Ariane 5 Infrastructure
E/0213-01	Ariane 5 Infrastructure - 2001
E/0214-01	ARIANE 5 DEV. (SUCE 1) >120 %
E/0215-01	ARIANE 5 ADDITIONAL
E/0216-01	ARIANE 5 DEV. POST A 502

CTR

N° Ctr	Description

PT

N° Ctr	PT	WBS	Description

Commitment

Total	Planned	Actual

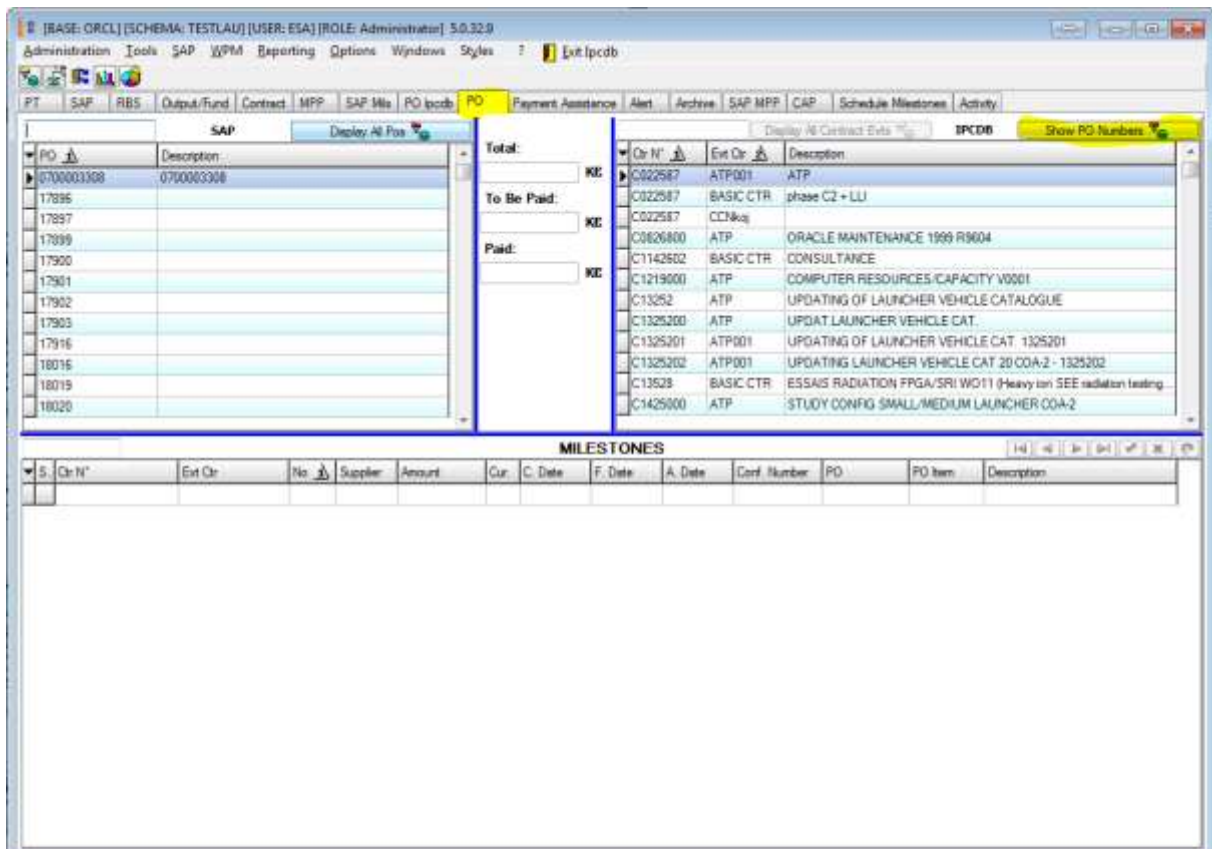
Payment

Total	Planned	Actual

Commitment Lines

Contract No.	Contract Desc.	Contract Event	Chr. Evnt. Desc.	IPCD# WBS	RBS
C19624W0015	Manpower support...	CCN 003	Extension administ...	LA354MNG MNGT 1.1 MAN...	LAUNCHERS
C19624W0015	Manpower support...	CCN 002	Extension of perm...	LA354MNG MNGT 1.1 MAN...	LAUNCHERS

Finalization of Po Tab



Administration Tools SAP WPM Reporting Options Windows Styles ? Exit jpcdb

PT SAP RBS **Output/Fund** Contract MPP SAP Mls **PO jpcdb** PO Payment Assistance Alert Archive SAP MPP CAP Schedule Milestones Activity

SAP [Display All Pos](#)

PO	Description
0700003308	0700003308
17895	
17897	
17899	
17900	
17901	
17902	
17903	
17916	
18016	
18019	
18020	

Total: **KE**

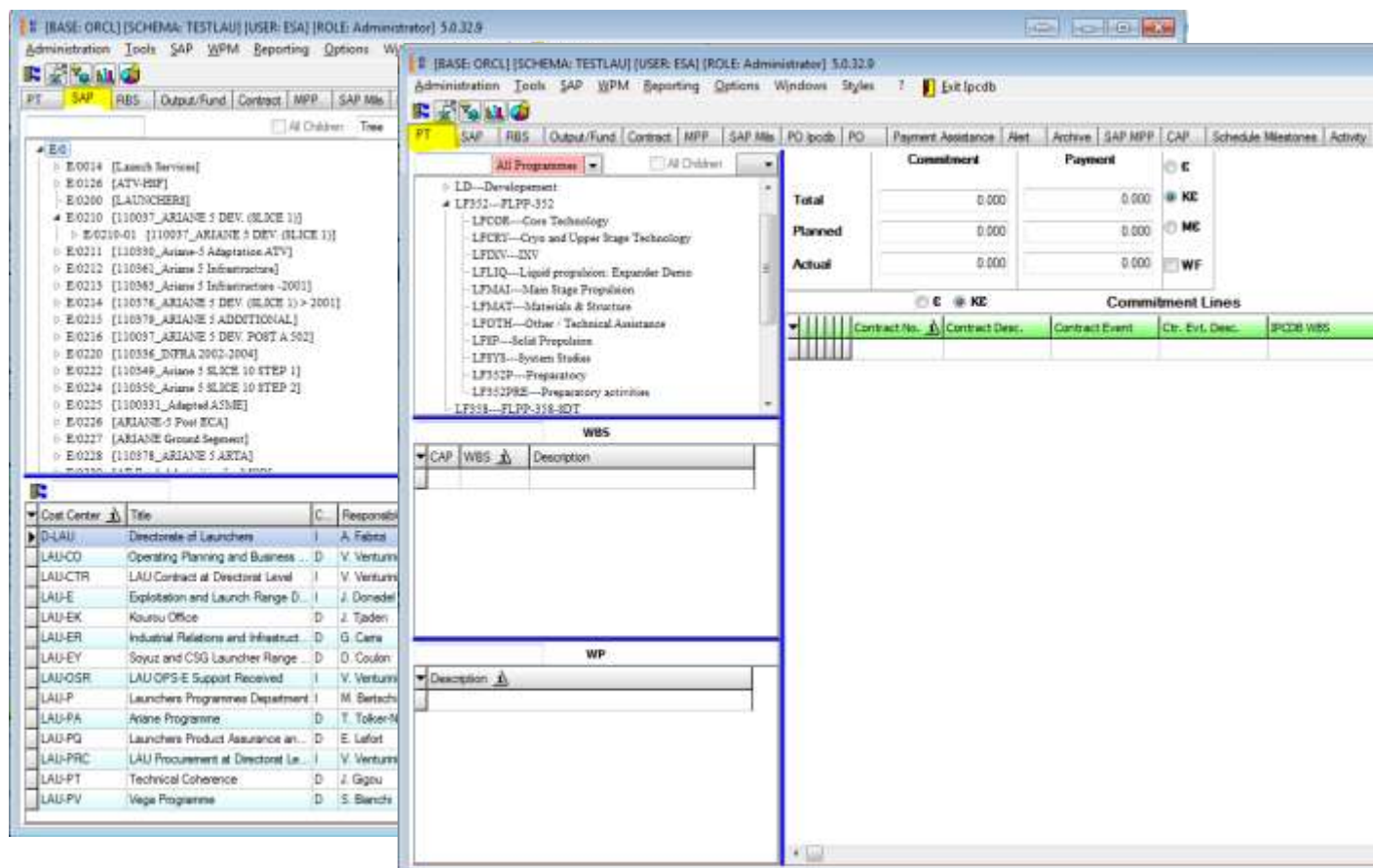
To Be Paid: **KE**

Paid: **KE**

MILESTONES

Chr N°	Chr Desc	No	Supplier	Amount	Cur.	C. Date	F. Date	A. Date	Conf. Number	PO	PO Item	Description

Optimization of the Speed to display Commitment Lines in SAP and Product Tree Tab



Fixed Bugs from the 5.0.32 Version

No Mantis	Tab	Description
0000991	Commitment line screen	Confusing ORA-01407 error message displayed to user
0001044	Commitment line screen	Disable selection of the highest WBS level in IPCDB
0000847	Commitment line screen	Work Request: Multi modification Georeturn
0000929	tab Contract	Sort people list alphabetically...
0001020	Invoices Incorporation	Uncheck "Force update Po and Po Item" by default
0000748	tab PT	All Children par défaut - ne sélectionner pas All Children par défaut
0000913	General IPCDB	Move "Mantis" link to "?" Help submenu
0000997	tab Sap Mpp	Retirer Conf. No des Payment Milestones
0000857	Commitment line screen	description for multiple changes to cmtils

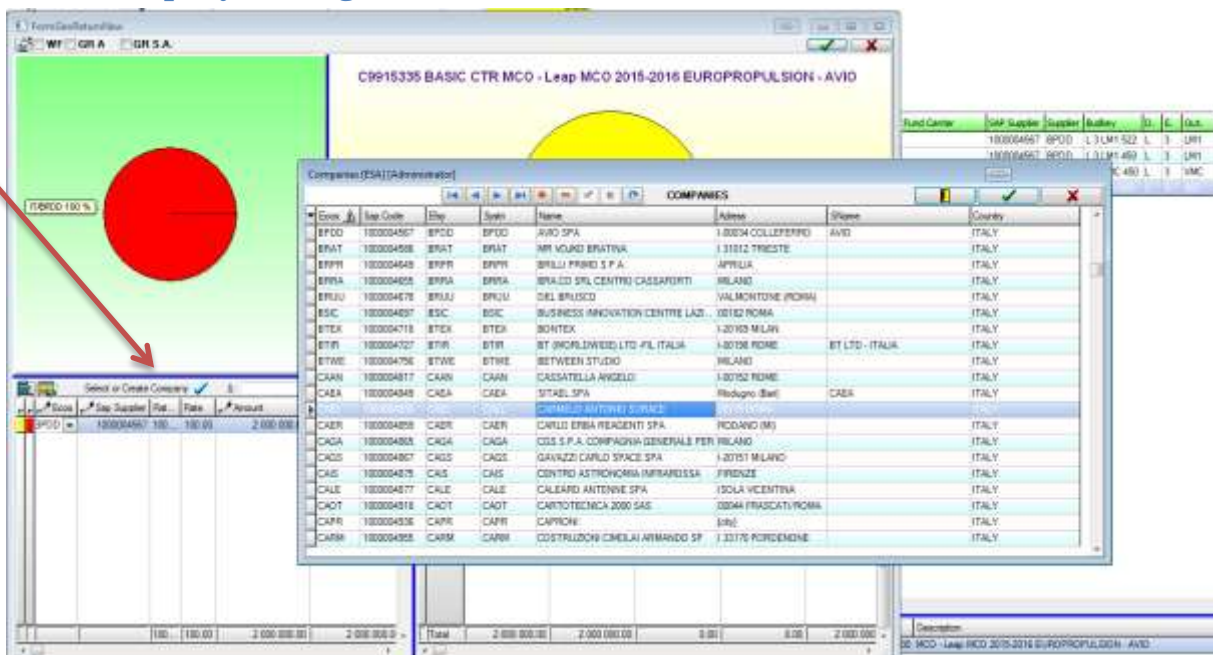
No Mantis	Tab	Description
<u>0001000</u>	Commitment line screen	Cacher Panel3 de FrameGR en mode View
<u>0000970</u>	tab Schedule Milestones	Add linked cost/payment milestones amounts (and currency)
<u>0001032</u>	General IPCDB	Message d'erreur de connexion
<u>0000893</u>	Tables Maintenance	Sort the currency dropdown alphabetically
<u>0000782</u>	General IPCDB	Missing link between GRN and milestones
<u>0000676</u>	GRNs Incorporation	Modification Query GRN Bleus

Revisions in version 5.0.28

Development of the Activity Tab for Launchers

STATUS CTRL	PROJECT CONTROLLER	INITIAL SERVICE	SC CREATION DATE	PLUG RESERVATION	SC	ESA P PC REF	SC STATUS	PC STATUS	PLUG	CONTRACT NUMBER	TITLE	INDIRECT PAYMENT
CO	OCABUD	HIS MAX	11/01/2018	000000000	000000000	400010193	SAVED	AWAIT	SEP	C0052W0002 CEN 003	M1227 Campaign Specific Objectives	No
CO	HARTMAN S	LAU EN		300000000	000000000	400010193	SAVED	AWAIT	ADP	400010193 BASIC CTR	Aviation Supplementary Activities	Yes
CO	OCABUD	LAU EN				400010193	SAVED	AWAIT	ADP	C0054W0049 BASIC CTR	Removals and Upgrade EMAP 2019	Yes
CO	OCABUD	LAU EN				400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 004	AP part, PSE PPSB, SPPS2 and R22 PPSB SPPS2 active	No
CO	OCABUD	LAU EN				400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 002	Observations EAP Part 10 (Hydro PCE)	No
CO	OCABUD	LAU EN				400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	Exploitation part PPS2 Maintenance activities (New 2019)	No
CO	SHARTMAN	LAU EN				400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	AE PWS 2018 LAMP 2019 2019 Supp	No
CO	SHARTMAN	A		300010007	000010041	400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	MCO - Leap MCO 2015-2016 Techno Aero Part 3	No
CO	SHARTMAN	A				400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	MCO - Leap MCO 2015-2016 Techno Aero Part 4	No
CO	SHARTMAN	A				400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	MCO - Leap MCO 2015-2016 QAN Part 3	No
CO	SHARTMAN	A		300010194	000010049	400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	MCO - Leap MCO 2015-2016 QAN Part 4	No
CO	OCABUD	TBD				400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	Upgrade of PPS2 equipment (R201, 2019)	No
CO	OCABUD	LAU EN		000000000		400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	Class Bona Replacement	No
CO	OCABUD	TBD				400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	Superior CCE - Phase 1 (superior ALU, 4-10)	Yes
CO	OCABUD	TBD				400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	MCO - Leap MCO 2015-2016 QAN Part 3	No
CO	OCABUD	TBD				400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	Observations UTE UTA sur bancs intégrés (2019)	No
CO	OCABUD	LAU EN				400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	Aeromec test rig	No
CO	OCABUD	TBD				400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	DOHAGA Post Water Treatment	Yes
CO	OCABUD	TBD				400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	Removals Caution (and ANTA funding)	Yes
CO	OCABUD	LAU EN				400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	QAN Part 3 (AS, 2019)	No
CO	OCABUD	LAU EN				400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	Rapport R201 2019	No
CO	OCABUD	LAU EN				400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	Salles	Yes
CO	OCABUD	LAU EN				400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	MCO - Leap MCO 2015-2016 ALU Variant (ALU, SAS Part 3)	No
CO	OCABUD	LAU EN				400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	CEN Closure	No
CO	OCABUD	LAU EN				400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	Complément sur PPS2 CEN Commission et sur PPS2	No
CO	OCABUD	LAU EN				400010193	SAVED	AWAIT	ADP	C0052W0002 CEN 003	SEA Maintenance and Exploitation Part 2015 - Decem...	No

Select company in the georeturn screen



Exec	Step Code	Step	Name	Address	Phone	Country
EPD	100004567	EPD	AVIO SPA	1.0034 COLLEFERRO	AVIO	ITALY
EPAT	100004568	EPAT	IMI VOUNO EPATIVA	1.31012 TRIESTE		ITALY
EPPI	100004569	EPPI	EPPI S P A	APPIA		ITALY
EPRA	100004570	EPRA	EPRA S P A CENTRI CASSAFORTI	IRLAND		ITALY
EPRI	100004571	EPRI	DEL BRUSCO	VALMONTONE (ROMA)		ITALY
ESIC	100004572	ESIC	BUSINESS INNOVATION CENTRE LAZ...	00102 ROMA		ITALY
ETEX	100004573	ETEX	BONTEX	1.20103 MILAN		ITALY
ETIR	100004574	ETIR	BT GROUP/LEWIS LTD /IL ITALIA	1.20106 ROMA	BT LTD - ITALIA	ITALY
ETWE	100004575	ETWE	BETWEEN STUDIO	IRLAND		ITALY
CAAN	100004576	CAAN	CASSATELLA ANGELO	1.20102 ROMA		ITALY
CABA	100004577	CABA	STAB SPA	Reggio (Em)	CABA	ITALY
CABR	100004578	CABR	CARLUCCI AUTOREI SURFACE	1.20103 ROMA		ITALY
CABR	100004579	CABR	CARLUCCI EPIA REAGENTI SPA	MODANO (M)		ITALY
CAGA	100004580	CAGA	CAS S P A COMPAGNIA GENERALE PER MILANO			ITALY
CAGS	100004581	CAGS	GAVAZZI CARLO SPACE SPA	1.20101 MILANO		ITALY
CAS	100004582	CAS	CENTRO ASTRONAVIA IMPIRELLA	FIRENZE		ITALY
CALE	100004583	CALE	CALEARO ANTENNE SPA	13014 VICENTINA		ITALY
CAOT	100004584	CAOT	CARTOTECNICA 2000 SAS	00044 FIASCATTA/ROMA		ITALY
CAPR	100004585	CAPR	CAPRONI	IRN		ITALY
CARM	100004586	CARM	CONTRUZIONI CIMEIARI ARMANDO SP	1.31010 PORTOFENICE		ITALY

What's New 6.1.4 Release, December 2019

Modify Multi Georeturn

[illegible]

Flag Internal/Industrial Costs added

Actual		18.325		18.325		WF		Commitment Lines					
		C		KE									
		Contract No.	Contract Desc.	Contract Event	Chr. Evlt. Desc.	IPCD8 WB5	SAP WB5	Cost Center	Fund	GL	Fund Ce		
		C20052W0004	ARTA B Vulcan 2	CCN 002	CCN2 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 002	CCN2 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 002	CCN2 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 002	CCN2 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 002	CCN2 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 002	CCN2 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 002	CCN2 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
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		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
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		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
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		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
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		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			
		C20052W0004	ARTA B Vulcan 2	CCN 003	CCN3 - Additional	LA354SAM SAM S 7 ARTA	E/0228-01-G-20		E/0228-016	6051100			

Company window faster to launch

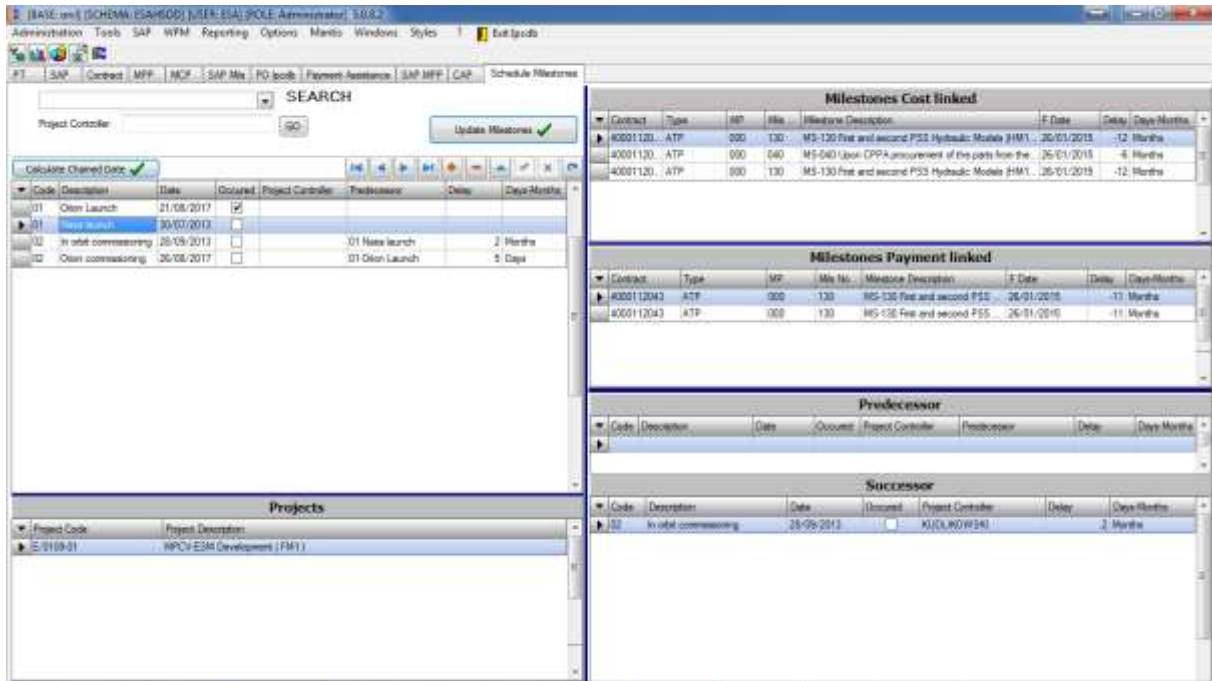
Fixed Bugs from the 5.0.10 Version

No Mantis	Tab	Description
676	GRNs Incorporation	Modification Query GRN Bleus
967	Oracle database	Changement package IMPORTFINREF dans le schéma ESA
963	tab CAP	Please display Year n+1 in CAP
916	tab Contract	Cmtl Risk Flag default color should be white like other flags
997	tab Sap Mpp	Retirer Conf. No des Payment Milestones
1004	Tables Maintenance	Company windows very slow
846	Georeturn	Wok Request: Ajouter un lien à la table companies dans le georeturn par compagnie
897	Georeturn	When I change a GL account in a planned commitment line the weighting factor does not change accordingly.
887	Work Request	Add "Industrial" flag to UnitFrameCmtl
280	Work Request	Fund selection in WPM
921	Work Request	Double-click to open History Line instead of Right-click > Modify
857	Commitment line screen	description for multiple changes to cmtls
1000	Commitment line screen	Cacher Panel3 de FrameGR en mode View
320	General IPCDB	Budkey to be included in the "Modify panel"
782	General IPCDB	Missing link between GRN and milestones
913	General IPCDB	Move "Mantis" link to "?" Help submenu
970	tab Schedule Milestones	Add linked cost/payment milestones amounts (and currency)

Revision in version 5.0.10

Merge GSP-Launchers-HSO versions

Development of the Schedule Milestones tab



The screenshot shows the SAP Schedule Milestones tab interface. It includes a search bar, a table of milestones, and sections for linked milestones and project dependencies.

Contract	Type	MT	MS	Milestone Description	F Date	Delay	Days-Months
40001120	ATP	000	130	MS-130 First and second PSS Hydraulic Models (HM1)	26/01/2018	-12	Months
40001120	ATP	000	040	MS-040 Upon CPPA procurement of the parts for the	26/01/2018	-6	Months
40001120	ATP	000	130	MS-130 First and second PSS Hydraulic Models (HM1)	26/01/2018	-12	Months

Contract	Type	MT	MS	Milestone Description	F Date	Delay	Days-Months
4000112043	ATP	000	130	MS-130 First and second PSS	26/01/2018	-11	Months
4000112043	ATP	000	130	MS-130 First and second PSS	26/01/2018	-11	Months

Code	Description	Date	Occurrence	Project Controller	Predecessor	Delay	Days-Months
01	Clear Launch	21/08/2017	<input checked="" type="checkbox"/>				
01	Clear Launch	20/01/2018	<input type="checkbox"/>				
02	In orbit commissioning	28/09/2013	<input type="checkbox"/>		01 Clear Launch	2	Months
02	Clear commissioning	20/08/2017	<input type="checkbox"/>		01 Clear Launch	5	Days

Code	Description	Date	Occurrence	Project Controller	Delay	Days-Months
02	In orbit commissioning	28/09/2013	<input type="checkbox"/>	KUCLA00000000	2	Months

Integration of Category C in WorkForce Planning Module

Revisions in version 2014.04.02

Custom Skins



Figure 1: The style Emerald Green Slate is shown above.

Duplicate and Open

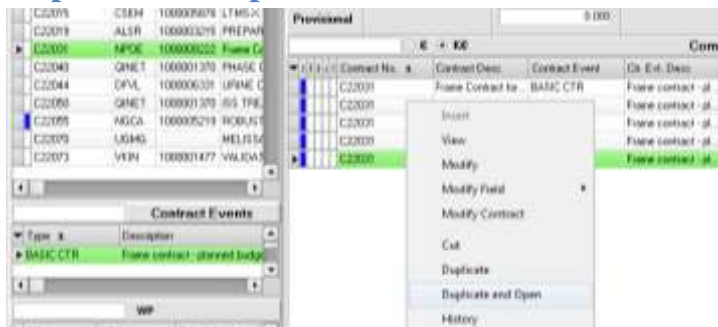
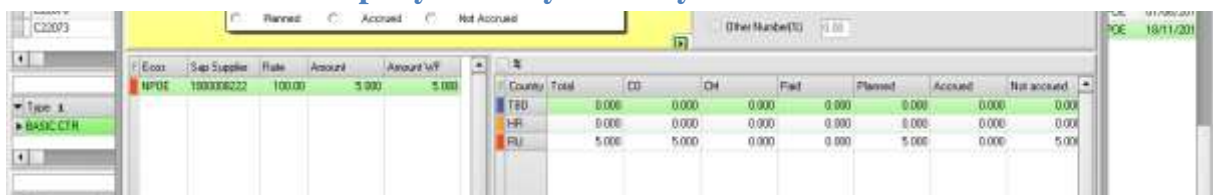


Figure 2: The Duplicate and Open function duplicates the line and opens the commitment line data screen in one click.

GeoReturn: Multi-Company View by Country



Country	Total	CO	OH	Paid	Planned	Accrued	Not accrued
TSD	0.000	0.000	0.000	0.000	0.000	0.000	0.000
HRI	0.000	0.000	0.000	0.000	0.000	0.000	0.000
RU	5.000	5.000	0.000	0.000	5.000	0.000	5.000

Figure 3: The user can assign the breakdown of companies by country.

Commitment Line Screen: GeoReturn Tab

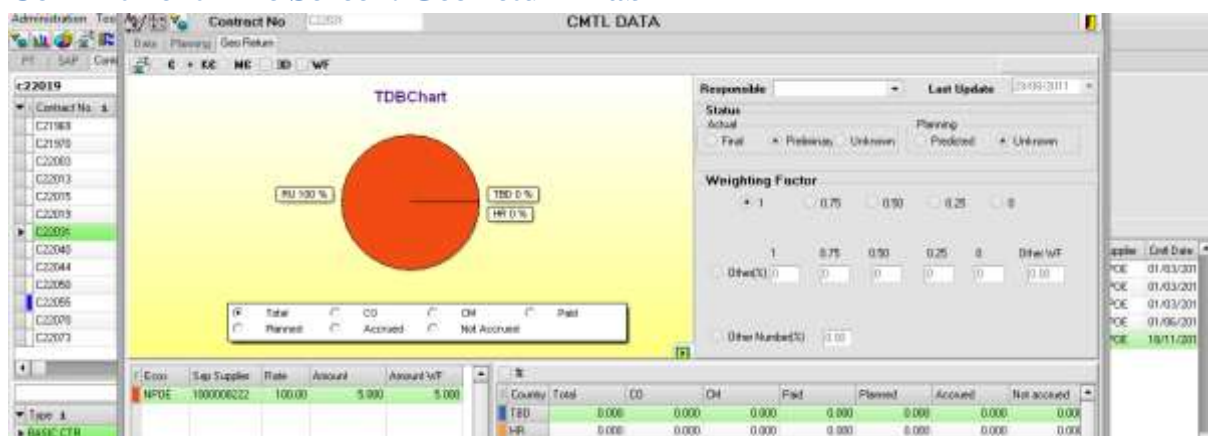


Figure 4: The GeoReturn tab is the third tab in the commitment line screen.

Commitment Line Screen: Automatic Update Geo Return



Figure 5: When the user changes the supplier on a commitment, the GeoReturn is automatically updated if this box is checked.

If the commitment line is marked with a Special GeoReturn, then no update to the GeoReturn will occur automatically, whether the box is checked or not.

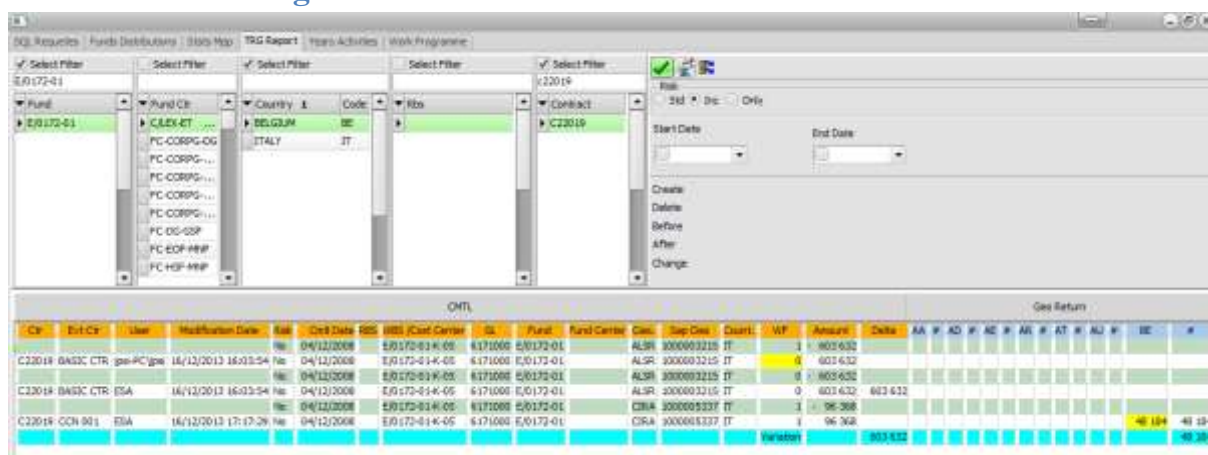
Double-Click Modify Commitment Line

When the user double-clicks on a commitment line in IPCDB, he or she can modify the commitment line.

No Longer Possible to Delete Milestones in MPP, MCP Tabs

It is now only possible to delete milestones in the Planning tab of the commitment line screen. The milestone Delete function is currently under review.

Georeturn Tracking



It is possible to extract a report on the changes in GeoReturn distribution by country. In the example above, C22019 has ALSR as prime, and the GeoReturn on a commit line with CIRA as the supplier was modified. Fifty percent of this line's fund was diverted to Belgium.

GRN Integration of Partial Confirmations

GRNs that pay two different milestones but have the same confirmation number will be now easier to integrate from the GRN Integration interface. When they are both listed as green, and one is integrated, the second one will remain green and available to integrate.

Automatic SAP Import: Milestones, GRNs, Invoices (HSO, GSP)

All milestones, GRN and Invoice data that is officially exported from SAP is now automatically integrated into IPCDB if this data is not already present in IPCDB.

Contract Events: Call for Ideas Included in Update Planning Function (GSP)

The Call for Ideas data is now automatically integrated into IPCDB through the Update Planning function.

Milestones: Insert Documents (LAU)



Figure 6: For LAU users, it is possible to attach documents to individual milestones (the paperclip icon).

Workforce Module (LAU)

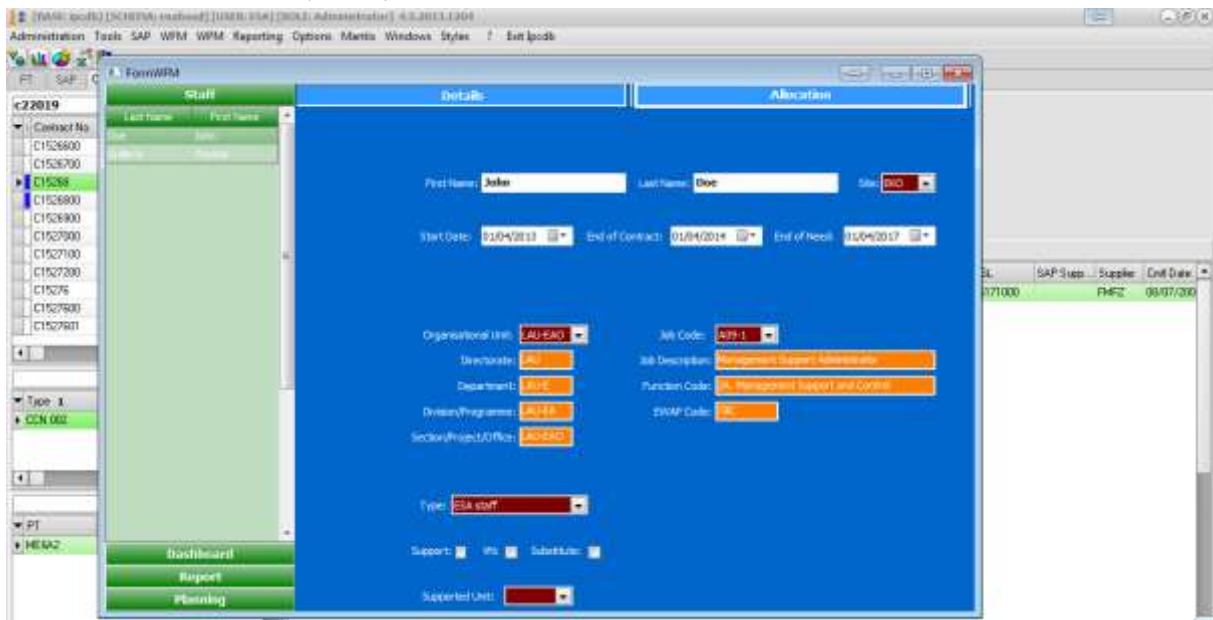


Figure 7: The Workforce Module is available for LAU users.

Notification of Commitment and Shopping Cart Reports (LAU)



NOTIFICATION OF COMMITMENT



To: BELINGHERI M-OPS-HM Ref.: PFL-PL/ Date: 16/12/2013

From: - Establishment: ESAHQ Address Code: PFL-PLL

Via: - - -

Visa: Nathalie Dorval – PFL-PLL Karl Eisermann – PFL-PL Jochen Schaper – PFL-P

You are kindly requested to sign and return the attached documents as soon as possible.

CONTRACT SENT TO CONTRACTOR ON: _____

CONTRACT SIGNED BY CONTRACTOR ON: _____

CONTRACT SIGNED BY THE AGENCY ON: _____

SUBJECT: **ADDITIONAL LIMIT OF LIABILITY FOR HME PROMOTIONAL ACTIVITIES**

Figure 8: The Notification of Commitment document is automatically filled out with data from IPCDB for LAU users.

Omissions

Old CAP

Tools → Search Cmtl List

Duplicate Milestone Plan, Milestones

In the MPP and MCP tabs, it is no longer possible to duplicate milestones. While the Duplicate function is still available for Milestone Plans, the function will create a new Milestone Plan that matches the first-level data of the duplicated Milestone Plan, but the plan will be empty. No milestones will exist in the Milestone Plan that is created with the Duplicate.

Fixed Bugs from the 2013.08.06 Version

No.	Tab	Description
Mantis		
19	IPCDB	Modify access by SAP WBS is now available to project controllers.
29	Contract	Unique PO Item numbers are created for newly created milestones, if not specified by the user, and duplicates.
51	CAP	De-Comittments are now properly visible as separate commitment lines in the CAP view.
261	Payment Assistance	The “Original Ref.” column was incorrectly named and has since been corrected.
273	IPCDB	Modify access by SAP WBS is now available to project controllers, with a streamlined view for the administrator.
307	IPCDB	Hints now appear when the user holds the mouse over the buttons in the upper-left-hand corner.
314	PT	When a product tree node is selected, it is appropriately highlighted.



What's New 6.1.4 Release, December 2019

378	Contract	When a new commitment is created, double PO Item numbering should be avoided.
452	Contract	Resolved a Write error in the Excel report of commitment lines.
513	Contract	It is now possible to change the supplier on duplicated commitment lines.
514	MCP MPP	A new Milestone Plan is created when the user duplicates a commitment line.
641	Contract	There is now a Cost Center column in the commitment line view.
660	IPCDB	Modify access by SAP WBS is now available to project controllers.
728	IPCDB	A hint with the full company name is now visible when the user hovers over the Supplier Code.
733	SAP	When the SAP WBS tree is refreshed, the focus stays on the selected node.

Revisions in Version 2013.08.06

New Features

New Graphics

IPCDDB now has a new look, with updated graphics. Future improvements to the look of the interface are now possible with these new graphics capabilities.

Target

In the Contracts tab, it is now possible to set a "Target", or a financial threshold for your contracts and contract events. The target level can be set in Euros, MEuros, and KEuros in the Target field and validated with the checkmark. The field will turn yellow when the total commitment level for the contract or contract event is reached.



CTR		Commitment	Cost	Payment	Risk	Target
Total	62 849 893	62 849 893	62 849 893	62 849 893	KE	0.000
Planned	0.000	604.396	673.621		ME	
Actual	62 849 893	62 165 457	62 176 272		WF	
Provisional		0.000			Only	

MCP

Trendchart

It is possible to track updates to the Foreseen Dates of cost milestones in the MCP tab. Use the right-click menu of either the Milestone Plan or the individual milestones to access the Trendchart.

Provisional Accrual

It is now possible to mark cost milestones as Provisionally Accrued in one click.

Risk

You can now mark commitment lines with being at risk. In the right-click menu of a commitment line, select Modify Field and then Risk. The commitment line will be color-coded appropriately. Green means at risk, and white means no risk.



Contract	Contract Description	Contract Type	Contract Status	Contract Risk
C13383	ATV INTEGRATION CCN 135	ANALYSIS OF MCMMSS342 ATV Z 020 C13383 - RIE/0126-01 D-02	E/0126-01	At Risk (Green)
C13383	ATV INTEGRATION CCN 130	AUTONOMOUS ORMS342 ATV Z 020 C13383 - RIE/0126-01 D-02	E/0126-01	No Risk (White)
C13383	ATV INTEGRATION CCN 132	ATV/RDS NUMEROMS342 ATV Z 020 C13383 - RIE/0126-01 D-02	E/0126-01	No Risk (White)
C13383	ATV INTEGRATION CCN 124	ATV OFF NOMINAL IMS342 ATV Z 020 C13383 - RIE/0126-01 D-02	E/0126-01	No Risk (White)

ARCHIVE Tab

You can now link documentation to the Executive Summary and Closed phases of a contract. When you are in modify mode, click on the Executive Summary or Closed links and follow the dialog prompts to select the appropriate document. A store of documents is organized by contract in the ARCHIVE tab. You can enable this tab from the Options menu in the menu bar.

[illegible]

New CAP

Move Commitment Line

When you view your CAP using the IPCDB WBS view, you can now move your commitment lines from one IPCDB WBS to another. Right-click on a commitment line and select Move. A drop-down menu box will appear in column IPCDB WBS. Select the new IPCDB WBS and validate. Clicking on Undo Move will restore the most recent commitment line whose WBS you modified in its original WBS.

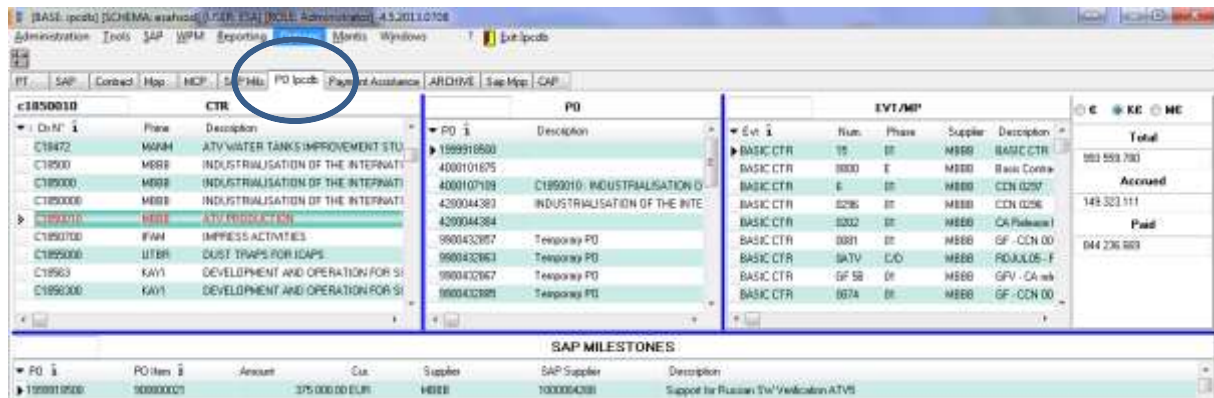
[illegible]

Historical Commitments

Historical commitments are now managed in the same way as in the old CAP view.

PO IPCDB Tab

This new tab closely matches the existing SAP Mils tab. The notable difference is that you can view milestone plans and milestones according to the PO, rather than the contract event. Milestone plans and milestones are grouped by contract event in the SAP Mils tab. You can enable or disable these tabs in the Options menu in the menu bar.



Omissions

Georeturn Tool

This feature has been removed from the Tools menu on the menu bar.

Milestone Synthetic View

The synthetic view option is no longer available on the milestone right-click menu, but it is still available via Payment Assistance.

Add History

The option to add history on a commitment line is no longer available on the right-click menu, but it is still possible to add history through the History option on this menu.

Payment Assistance

The Events function has been removed.

ODS

All functions that are related to the ODS system have been removed from the menu bar.

SAP Tab

The checkbox "Nodes with cmtl" has been deleted.

SAP Mpp Tab

The CA/PA Graph and Georeturn Graph buttons have been deleted from the options in upper left-hand corner of the screen.

Import Excel → Duration in Months on Potential Contracts (For GSP)

In the Planned Contracts window, the option to enter the number of months has been omitted from the Parameters section of the window.

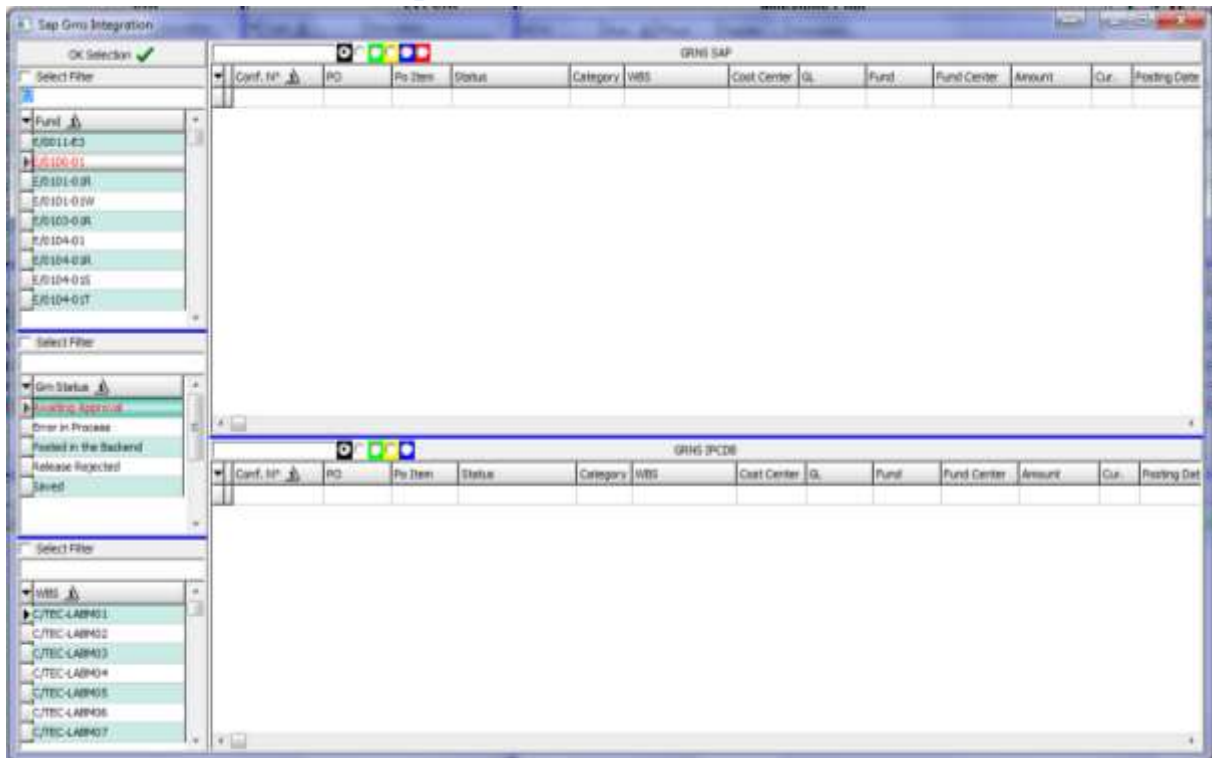
Fixed Bugs from the 2013.03.12.8 Version

No.	Mantis	Tab	Description
9		MPP	Partially paid milestones no longer cause the calculator in Contract-MPP-MCP tabs to show an incorrect Paid amount.
11		General	When creating Milestone Plans with the Automatic Generation option, using the Mono-Item parameter, a default PO Item number is chosen for you and generated automatically.
14		CAP	Under the IPCDB WBS Model view, a bug was corrected where it is now possible to modify the Georeturn on all planning lines.

49	General	In the Georeturn screen of a commitment line, entering a value into a field is now done as in Microsoft Excel; the numbers or not pre-formatted.
51	CAP	The decommitment history from previous years for all commitment lines is not visible in the detailed CA view in the top portion of the new CAP tab. Also known as the Commitment Line History.
154	Sap Mpp	In the SAP portion of the tab, it is now possible to update the Supplier field from the right-click menus of the POs, Mpps, and Milestones. The option is called "Affect Change Supplier".
250	General	With the updated GRN table structure in Oracle, it is now possible to view manually created GRNs in the GRN Integration screen.
278	General	An error was corrected in the Georeturn screen that gave an error "Georeturn must be <= 100!"
284	General	New IPCDB WBS branches will no longer be automatically created.
306	Contract	In any place where it is possible to create a Contract Event, please note that it is not necessary to fill in the CMTL Data screen. The Contract Event will still be created if you simply close the CMTL Data screen when it appears.
329	Payment Assistance	The request that gathers invoices into IPCDB has been updated. Corrected by F. Pinna (ESA-HSO) in August 2013.
526	General	In SAP Tools, a bug was corrected the prevented the administrator from creating a new company in the SAP Tables. Corrected by F. Pinna (ESA-HSO) in June 2013.
627	General	Under read-only access, the GRN data, CAP descriptions, Trendchart data are no longer modifiable.

Revisions in Version 2013.03.12.8

New Functions: GRN Incorporation



The following functions have been updated in the SAP GRN Integration screen:

- The focus is kept on the GRNs with the same confirmation number. For example, when the user clicks on the GRN with confirmation number 6000079673 in the SAP window (top), the same GRN will automatically be highlighted in the IPCDB window (bottom).
- The right-click menus for the following items have been updated:
 - Yellow GRNs (GRNs whose statuses are different between SAP and IPCDB): It is possible to update the status of an IPCDB GRN to the status in SAP by choosing Update. It is also possible to Reject the SAP GRN, which will send it to the red "Reject" screen (The "Reject" screen is accessed by choosing the red radio button at the top of the SAP window.). Finally, it is possible to Break the milestone association IPCDB with the existing GRN. This is useful if you have a Rejected or Cancelled GRN coming in from SAP. In the end, the only GRNs that should be integrated into IPCDB are Posted in the Backend and Awaiting Approval.
 - Blue GRNs (GRNs whose PO, PO Item, Status and Amount are different): It is possible to either Break, Integrate or Break & Integrate the GRNs. The Break function breaks the association of the existing IPCDB GRN with the milestone. The Integrate function starts the milestone association process for the SAP GRN that has been selected. The Break and Integrate function performs both functions in one click. It is also possible to Reject the SAP GRN.

New Functions: Menu Bar: Windows

- The Windows function on the Menu Bar allows the user to circulate among pop-up windows and the main IPCDB screen.



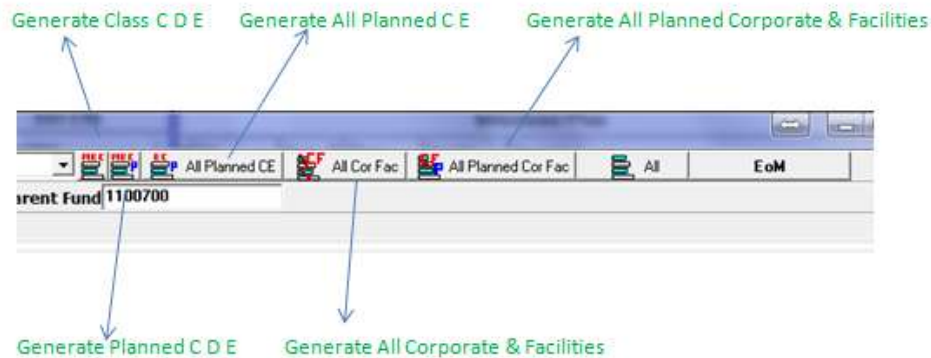
Fixed Bugs from the 2013.03.12.1 Release

No. Mantis	Déscription
155	Commitment Line Screen. When an MCP and MPP are created for a new Commitment Line the contractual dates are now equal in corresponding MCP and MPP milestones. There is now a lag of one month between the Foreseen Dates of MCP and MPP milestones.
471	General. IPCDB gave the error message "ORA-01843: not a valid month / ORA-06512: at line 2" when trying to modify different types of data like commitment lines or milestones. This was related to a procedural check of a disconnection between IPCDB and the Oracle database. It has been corrected.
80	General. For a milestone, it is now possible to enter a Commitment Date that is later than a Foreseen Date.

Revisions in Version 2013.03.12.1

New Features

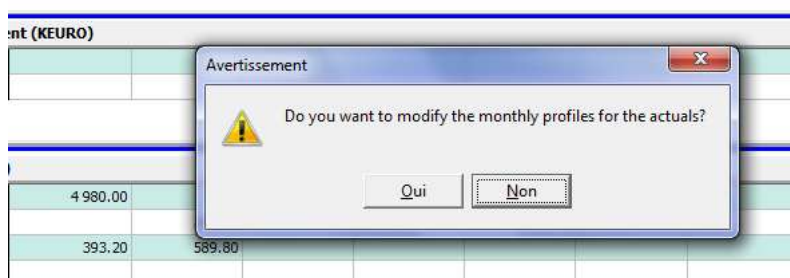
Workforce Planning Module (WPM)



- The administrator is now able to update all of the actuals and planned commitment lines with the “All” Button.
- The WPM button tips have been updated in order to clearly identify the function of each button.

A new pop-up message has been implemented in the WPM. When the user modifies the current year's values, the message “Do you want to modify the monthly profiles for the actuals?” appears.

2013	2014	2015	2016	2017	2018	2019
20.00						
10.00	2.00					
2.00	3.00					



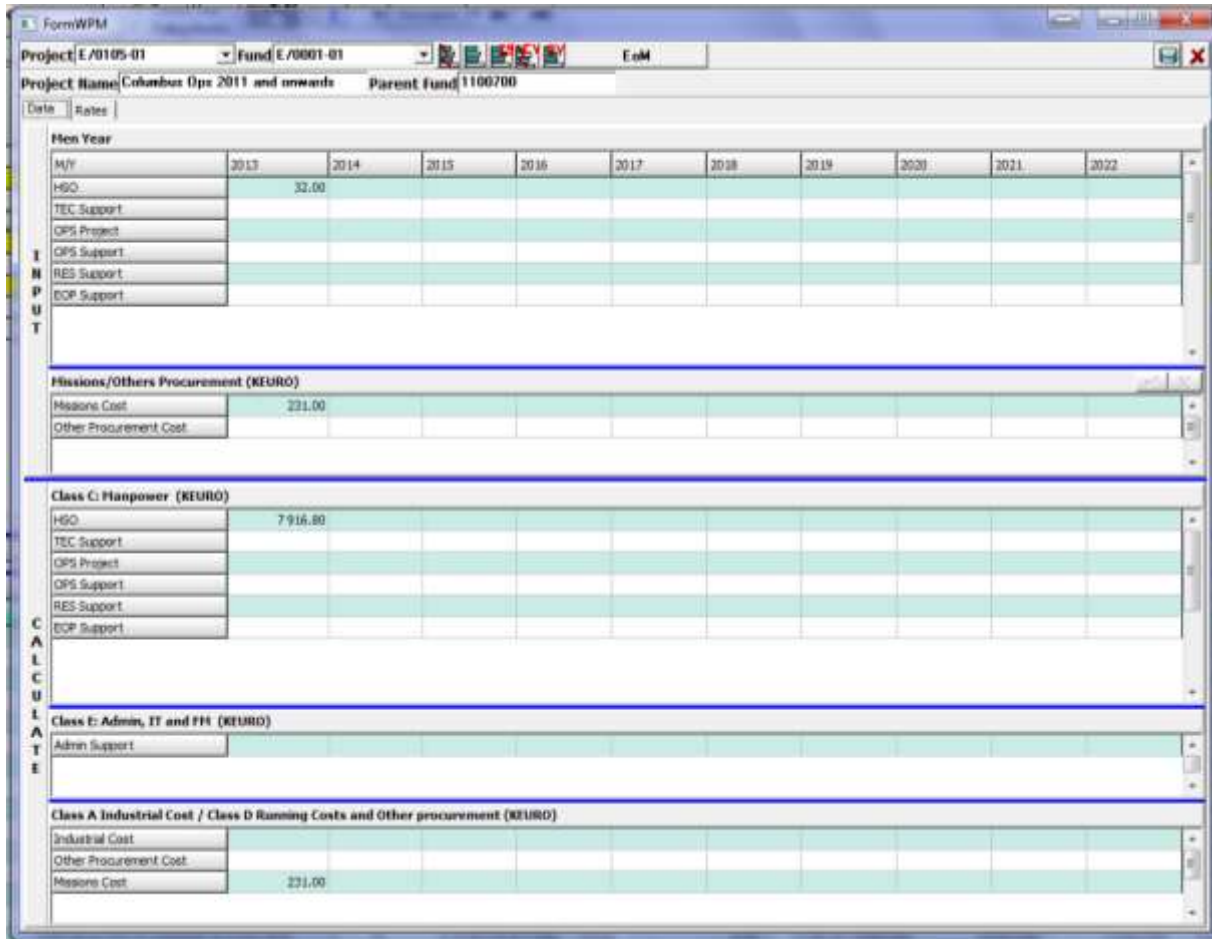
- Clicking on Yes (Oui) modifies the Men.Year values for months passed e.g. If the current month is March, January's and February's values change.
- Clicking on No (Non) leaves previous months' values unchanged and spreads out the new value across the rest of the year. If the new men.year is less than the actuals, a delta will be applied to December of the current year.

Revisions in Version 2013.03.12

New Features

Workforce Planning Module (WPM)

Management of Accounts, Dates, and Amounts



The screenshot shows the 'FormWPM' application window. At the top, it displays 'Project E/0105-01' and 'Fund E/0001-01'. Below this, the 'Project Name' is 'Columbus Ops 2011 and onwards' and the 'Parent fund' is '1100700'. The main table is titled 'Men Year' and has columns for years from 2013 to 2022. The table is divided into several sections: 'Missions/Other Procurement (KEURO)', 'Class C: Manpower (KEURO)', 'Class E: Admin, IT and FH (KEURO)', and 'Class A Industrial Cost / Class D Running Costs and Other procurement (KEURO)'. Each section contains rows for different cost categories like 'HSG', 'TEC Support', 'OPS Project', 'OPS Support', 'RES Support', and 'EOP Support'. The 'Missions/Other Procurement' section shows a value of 231.00 for 'Missions Cost' in 2013. The 'Class C: Manpower' section shows a value of 7916.80 for 'HSG' in 2013. The 'Class E: Admin, IT and FH' section shows a value of 231.00 for 'Missions Cost' in 2013. The 'Class A Industrial Cost / Class D Running Costs and Other procurement' section shows a value of 231.00 for 'Missions Cost' in 2013.

- The user can enter M/Y values for a 10-year period.
- For Missions and Other Procurements the user can enter values in KEuro.
- It is possible to enter values per month by right clicking on the field of interest and selecting “Month Planning”.

	SAP WBS/CC	Ctrl N°	D	E	Output	EPA	Fund Center	Fund	GL	Item	Cny	Date	Amount	P. Amount	Outst.	Des
	E/0172-01	HIC1100550	C	1	550	HIC		1100550	HICTAX0	09IC0	ESA	31/12/2009	29	29		
	E/0172-01	HIC1100550	C	1	550	HIC		1100550	HICRUC0	09IC0	ESA	31/12/2009	44	44		
	E/0172-01	HIC1100550	C	1	550	HIC		1100550	HICADM0	09IC0	ESA	31/12/2009	32	32		
	E/0172-01	HIC1100550	C	1	550	HIC		1100550	HICMNP0	09IC0	ESA	31/12/2009	94	94		
	E/0172-01	HIC1100550	C	1	550	HIC		1100550	HICFAC0	09IC0	ESA	31/12/2009	24	24		
	E/0172-01	HIC1100582	C	1	582	HIC		1100582	HICTAX0	09IC0	ESA	31/12/2009	655	655		
	E/0172-01	HIC1100582	C	1	582	HIC		1100582	HICRUC0	09IC0	ESA	31/12/2009	2 209	2 209		
	E/0172-01	HIC1100582	C	1	582	HIC		1100582	HICFAC0	09IC0	ESA	31/12/2009	618	618		
	E/0172-01	HIC1100582	C	1	582	HIC		1100582	HICADM0	09IC0	ESA	31/12/2009	1 800	1 800		
	E/0172-01	HIC1100582	C	1	582	HIC		1100582	HICMNP0	09IC0	ESA	31/12/2009	9 672	9 672		
	E/0172-01	IC9ADJUST	C	1	582	222		E/0172-01	9ADJUST	10IC0	ESA	31/12/2010	0	0		
	E/0172-01	IC9NOCENI	C	1	582	222		E/0172-01	9NOCENI	10IC0	ESA	31/12/2010	6	6		
	E/0172-01	IC9SECONI	C	1	582	222		E/0172-01	9SECONI	10IC0	ESA	31/12/2010	16	16		
	E/0172-01	IC9SMEINI	C	1	582	222		E/0172-01	9SMEINI	10IC0	ESA	31/12/2010	16	16		
	E/0172-01	IC9T&OFAI	C	1	582	222		E/0172-01	9T&OFAI	10IC0	ESA	31/12/2010	47	47		
	E/0172-01	IC9UNDUTI	C	1	582	222		E/0172-01	9UNDUTI	10IC0	ESA	31/12/2010	1	1		
	E/0172-01	PLN1100582	C	1	582	222		1100582	PLN_RUN	11PLN	ESA	15/09/2011	5		5	
	E/0172-01	PLN1100582	C	1	582	222		1100582	PLN_MNPT	12PLN	ESA	01/01/2012	110		110	
	E/0172-01	PLN1100582	C	1	582	222		1100582	PLN_MNPT	11PLN	ESA	15/09/2011	190		190	
	E/0172-01	PLN1100582	C	1	582	222		1100582	PLN_MNPR	12PLN	ESA	01/01/2012	80		80	
	E/0172-01	PLN1100582	C	1	582	222		1100582	PLN_MNPR	11PLN	ESA	15/09/2011	229		229	
	E/0172-01	PLN1100582	C	1	582	222		1100582	PLN_MNPH	11PLN	ESA	15/09/2011	218		218	
	E/0172-01	PLN1100582	C	1	582	222		1100582	PLN_FAC	12PLN	ESA	01/01/2012	16		16	
	E/0172-01	PLN1100582	C	1	582	222		1100582	PLN_FAC	11PLN	ESA	15/09/2011	27		27	
	E/0172-01	PLN1100582	C	1	582	222		1100582	PLN_ADM	12PLN	ESA	01/01/2012	1		1	
	E/0172-01	PLN1100582	C	1	582	222		1100582	PLN_ADM	11PLN	ESA	15/09/2011	1		1	
	E/0172-01	PLN1100582	C	1	582	222		1100582	PLN_RUN	12PLN	ESA	01/01/2012	5		5	
	E/0172-01	PLN1100582	C	1	582	222		1100582	PLN_MNPH	12PLN	ESA	01/01/2012	96		96	

Object: E/0172-01 Fund: 1100700

Object Name: Columbus Ops 2011 and onwards Parent Fund: 1100700

ata Rates

Men Year

M/Y	2013	2014	2015	2016
HSO				
TEC Support				
OPS Project				
OPS Support				
RES Support				
EOP Support				

Missions/Others Procurement (KEURO)

Missions Cost	231.00			
Other Procurement Cost				

Commitment Line Generation

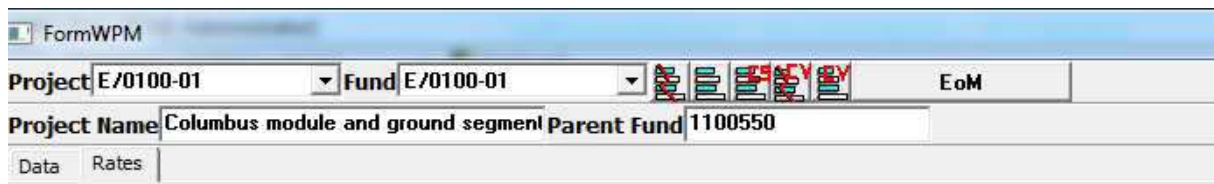
- The following planning GL Account codes apply:
 - PLN_HSO for manpower HSO,
 - PLN_TEC for Manpower TEC,
 - PLN_OP-P for Manpower OPS Project,
 - PLN_OP-S for Manpower OPS Support ,
 - PLN_RES for Manpower RES,
 - PLN_EOP for Manpower EOP,
 - PLN_ORUN for Other Running Costs (Other Procurement Costs),
 - PLN_ADM for General and Admin Support,
 - PLN_COR for Corporate Governance, and
 - PLN_FAC for ESA facilities
- For provisional actuals, the GL Account code will start with PRV_

Interface

- Validating specific data entries works in the same way as using Microsoft Excel:
 - When using the arrow key, Enter key, or clicking into another cell, the data is validated.
- The calculations are displayed on the bottom portion upon validation of the data.
- The user is able to cancel and close the interface without permanently modifying data. Click on the red X.
- The user is able to save her work by clicking on floppy disk icon.

Administrator Rights

- Rates Management
 - The administrator maintains the rate values.

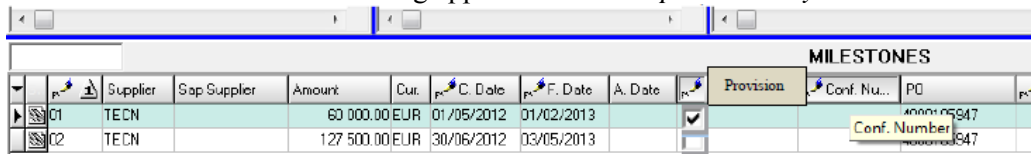


The screenshot shows a web application window titled "FormWPM". It contains several input fields and buttons. The "Project" field is set to "E/0100-01" and the "Fund" field is also set to "E/0100-01". There are buttons for "Data", "Rates", and "EoM". Below these fields, the "Project Name" is "Columbus module and ground segment" and the "Parent Fund" is "1100550".

- Generating recharge costs, Category B and Category E costs will be done by the IPCDB Administrator twice a month, starting at the beginning of each month.
- At the financial closure of account, the administrator replaces the generated actuals with the final actuals.

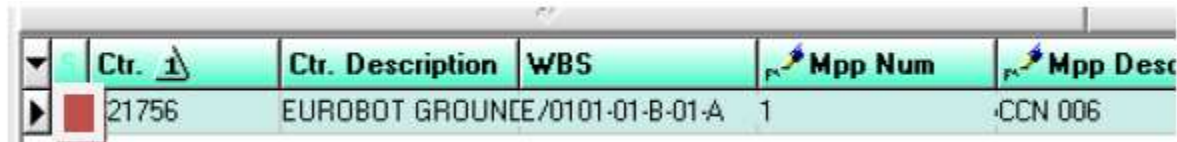
Provisionally Accrued Milestones

- The end-user has the possibility to flag a milestone that is has neither been achieved nor linked to a GRN with an 'awaiting approval' status as *provisionally* achieved.



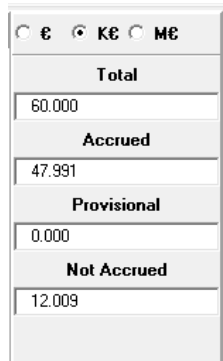
MILESTONES									
	Supplier	Sap Supplier	Amount	Curr.	C. Date	F. Date	A. Date	Provision	Conf. Nu...
01	TECN		60 000.00 EUR		01/05/2012	01/02/2013		<input checked="" type="checkbox"/>	40001-05847
02	TECN		127 500.00 EUR		30/06/2012	03/05/2013		<input type="checkbox"/>	40001-05847

A check box is available on each milestone line in order to flag the milestone as provisionally accrued.



	Ctr.	Ctr. Description	WBS	Mpp Num	Mpp Desc
	21756	EUROBOT GROUNCE/0101-01-B-01-A		1	CCN 006

- A color code will be implemented for the different status of the Milestone Cost:
 - White when not linked to a GRN
 - Red when not linked to a GRN and Provisionally Achieved
 - Orange when status 'Awaiting Approval'
 - Blue when 'Awaiting Approval' and Provisionally Achieved
 - Green when 'Posted in the Backend'
- The cost information in the MCP and Contract views now shows the following values:
 - Total
 - Accrued
 - Provisional
 - Not accrued



	€	KE	M€
Total	60.000		
Accrued	47.991		
Provisional	0.000		
Not Accrued	12.009		

- Once a milestone is set as provisionally achieved, its foreseen date is no longer modifiable.

What's New 6.1.4 Release, December 2019

- The color-coded milestones are visible in both the MCP and CAP views. In the CAP view, the milestones are visible when clicking on a project's Cost values.

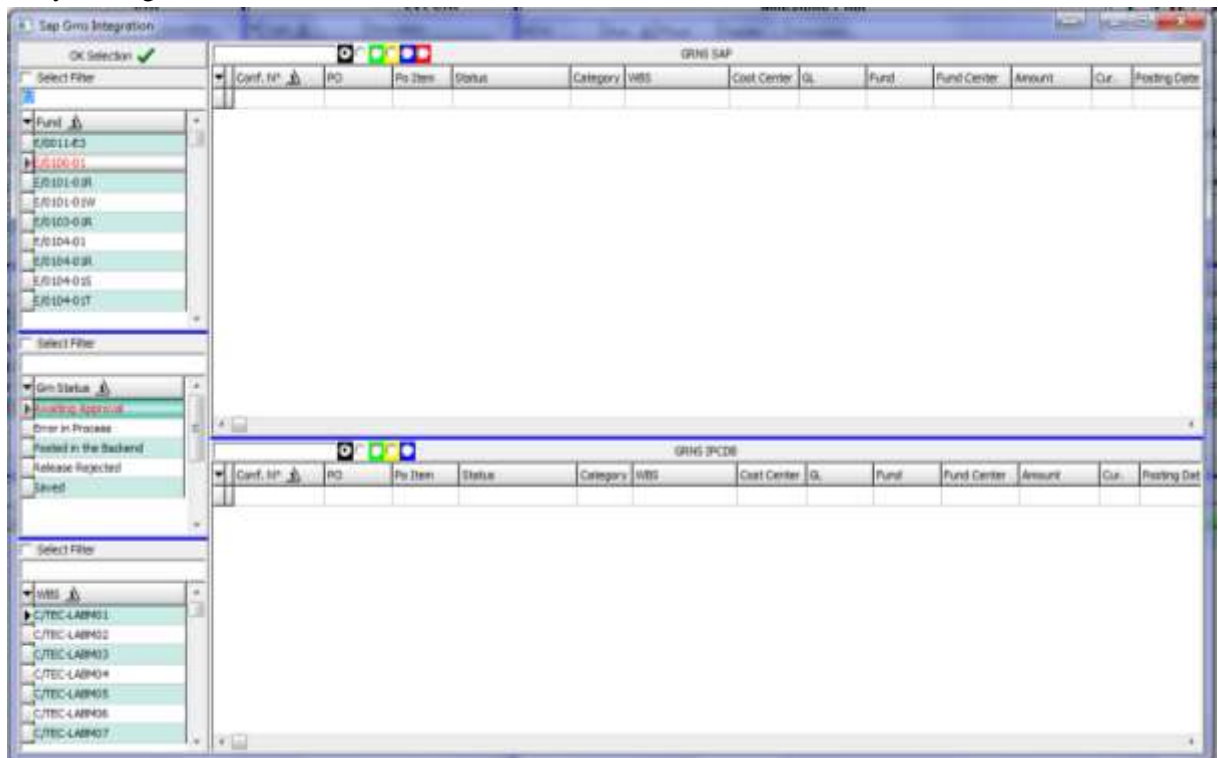
COST						
	Jun	Jul	Aug	Sep	Oct	Nov
.000	969.432			24.000		163
				50.000		45
	25.000					56
					100.000	
.600						55
.500						

# Date	C Dat	F Dat	A Dat	<input type="checkbox"/>
12/2008	15/12/2008	06/05/2009	06/05/2009	<input type="checkbox"/>
07/2008	08/01/2010	12/10/2010	12/10/2010	<input type="checkbox"/>
07/2008	08/01/2010	11/02/2011	11/02/2011	<input type="checkbox"/>

GRN Management

GRN Incorporation

- GRNs that are imported from SAP are presented in the GRN Incorporation screen in a new way. At the beginning of each day, Sap GRNs are imported and updated into the IPCDB application.
- In the GRNs SAP window (top portion), the GRNs that are imported from SAP are shown. They are organized as



follows:

- In black, all the GRNs that have come from SAP are shown.
 - In white, GRNs that are identical in SAP and IPCDB are shown. The confirmation number, PO, PO Item, status, amount and posting date are the same. No action is possible.
 - In green, GRNs from SAP that are not entered into IPCDB are shown. These can be integrated or rejected.
 - In yellow, GRNs whose information is all the same in SAP and IPCDB, except for their statuses, are shown. No action is possible.
 - In blue, GRNs who only share the same confirmation number in SAP and IPCDB are shown. No action is possible.
 - In red, any GRN that the user has marked as 'Rejected' through the right-click menu will be saved here for the user to consult and process at any time.
- In the GRNs IPCDB window (bottom portion), all of the GRNs that have already been integrated into IPCDB are shown.
 - In black, all the GRNs that have already been entered into IPCDB are shown.
 - In white, GRNs that are identical in IPCDB and SAP are shown. The possibility to Break an association will be available in a future release.
 - In green, GRNs that are only found in IPCDB and share no information with any SAP GRN are shown. No action is possible.

- In yellow, GRNs whose information is all the same in IPCDB and SAP, except for their statuses, are shown. No action is possible.
- In blue, GRNs who only share the same confirmation number in IPDB and SAP are shown. It will be possible to break the association of these GRNs and update with SAP information in a future release.

MCP Tab

- It is possible to break an association of a GRN and a milestone on the MCP screen. Delete the accrual date of the GRN in the GRNS window.
- Entering an accrual date for an 'Awaiting Approval' GRN changes the status to Posted in the Backend.
- If you integrate a GRN that is Posted in the Backend, the Foreseen Date of the milestone becomes the Posting Date of the Posted in the Backend GRN.

16	HTSW	1000002240	20 000.00 EUR	01/02/2011	25/05/2011	25/05/2011	6000059529	4200021960	26	FINAL PAYMENT/COMPLETION OF CONTRACTUAL ACTIONS
17	OGAL	1000005700	114 000.00 EUR	27/10/2010	25/11/2010	25/11/2010	6000036376	4200021960	33	PP2 CON 1 PHASE 2: COMPLETION OF THE TEST READINESS REVIEW
18	OGAL	1000005700	57 000.00 EUR	01/02/2011	25/05/2011		12	4200021960	34	FINAL PAYMENT

Gr N°	T. Amount	A. Amount	Status	Date	Description
12	57 000.00	57 000.00	Awaiting Approval		FINAL PAYT

Ch N°	WBS	Fund	BL	Supplier	CA Total	PA Actual	PA Planned
121960	E/0172-01-E-02	E/0172-01	6171000	1000005700	296 000	296 000	

- Manually entering a confirmation number on a milestone line automatically creates a GRN in 'Awaiting Approval' status.

Fixed Bugs from the 2012.09.02.09 Release

Please look up the listed item numbers in Mantis (accessible from the IPCDB menu bar) if you would like more information on which bugs and work requests have been resolved in this release.

No. Mantis	Description
155	Tab MPP. When an MCP and MPP are created for a new Commitment Line the contractual dates should be equal. When an MCP and MPP are created for a new Commitment Line the contractual dates should be equal in the MCP and in the MPP. There is only one contractual date per milestone.
160	General. Project Controllers can delete an accrued confirmation number. Project Controllers can delete an accrued confirmation number. Please disable this access. Operators should have this access only.
213	Tab MCP. Adding a Confirmation number manually doesn't change the Foreseen date automatically
216	Tab Contract. GL account error message. When entering a new commitment line the WBS and Fund can be entered but as soon as a GL account is typed IPCDB gives the error message "No IPCDB Bukey correspondance with these GL and Fund".
245	Tab Contract. Display different contract in Contract view. Please add a filter in Contract view to avoid seeing different contracts in Work Package.
246	Tab Contract. Move WP in another contract. Please prevent to move a WP containing a contract into another contract.
263	Tab CAP. New CAP view - Wrong WBS description. Dans la nouvelle CAP View, pour le CAP par WBS la description doit être la description de la WBS et pas celle du Product tree.
265	General. CA/PA/Cost quand History. Le calcul des CA avec History est faux dans le yearly profile (voir video).
271	Tab CAP. Duplication CMTL avec Accrued date. Dans la nouvelle CAP View, pour le CAP par WBS la description doit être la description de la WBS et pas celle du Product tree.
274	Tab MCP. For a planned commitment line the foreseen data and the accrual date are filled in before the commitment. For my planned commitment lines C21788 CCN 20 the foreseen date and the accrual date of the MCP are filled in with 11 September 2012 while yesterday these were updated with different later values. This means I have ACCRUED COSTS on a PLANNED COMMITMENT LINE without a confirmation number or manual transaction. All 4 milestones are accrued!
275	General. Focus problem when switching tabs. Voir la vidéo attachée. Au début je suis dans l'onglet Mpp et le contrat C1155500, je sélectionne une invoice, clique sur "Go to payment assistance" et lorsque je reclique sur l'onglet Mpp je suis redirigé vers le contrat C1850010 CCN 319 qui est un autre event contract sur lequel je suis allé précédemment lors de cette session, mais j'aurai dû être redirigé vers le C1155500.
287	Georeturn. Ce n'est pas possible de modifier le retour géographique. Ce n'est pas possible de modifier le retour géographique: apparemment les calculs utilisés dans le module du georeturn ne prennent pas en compte les vraies données et génèrent des pourcentages avec un nombre excessif des chiffres décimaux qui à son tour empêchent la validation des entrées (video envoi par e-mail)
288	Commitment Line Screen. After deleting the numbers in the Note frame, IPCDB displays the Mils as not accrued. I have deleted the series of numbers which very often appears in the "Note" frame. As a result, IPCDB displays as not accrued the whole amount associated to the commitment line. As of now, it has happened in two cases, both referring to old commitments. For reference, look at the following: - C1464200 - PF290809 (Fund: E/0136-01Y)
290	Commitment Line Screen. When a commitment line is modified that has cost milestones before 2010, these costs are deleted. When a commitment line is modified that has cost milestones before 2010, so without a confirmation number, the accrual date is removed from these milestones so in IPCDB these

	actual costs are deleted.
295	Tab MPP. Inchoerence dans la facon de calculer les totaux entre les onglets Contract et MPP. Inchoerence dans la facon de calculer les totaux entre les onglets Contract et MPP (voir fichier en piece jointe Item 295.docx)
297	WPM. Utilisateurs avec un profile Project controller ne peuvent pas utiliser le Module WPM. Utilisateurs avec un profile Project controller ne peuvent pas utiliser le Module WPM parce que le combo box project n'est pas renseigne.
299	General. Export to Excel not working. L'export Excel ne fonctionne pas correctement. A vrai dire l'export est bien effectué mais une fois l'export effectué, un formatage des données est automatiquement appliqué ce qui a pour conséquence de retirer l'essentiel des données...
313	Tab Contract. When milestones in an existing commitment line are split in MCP and MPP the MCP modification is deleted. When milestones in an existing commitment line are split in MCP and MPP the MCP modification is deleted at validation of the modification causing an unbalance between MCP and MPP.
320	General. Budkey to be included in the "Modify panel". Dear Development team, Could you please add the "Budkey" modification option to the panel that appears when you right-click in either the "SAP" or the "Contract" tabs? (see attached image) Thank you in advance Krisztian Balczo
372	Tab MPP. Tab MPP est lente. Version RC_2013.01.01 (et les versions antérieures) Quand tu cliques sur un milestone, cela fait 10 secondes d'attente. Les project controlleurs ainsi que les opérateurs racontaient souvent ce problème. Selon Filippo, il y a un query non-obligatoire que est fait dès qu'on clique sur le milestone. Il faut effacer cette partie du code.
402	Tab PT. Création milestones dans une cmtl: erreur duration doit être > 0
403	Tab PT. Pas possible de cut et paste une WBS