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RFA- Modifications Work Flow

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Document Control

Version:	Initial Draft
Status:	Functional Requirements
Document Owner/Author:	Manika Rastogi

Version Control

Date	Version	Author	Comments
9/6/2015	V1.1	Manika Rastogi	- Updated screenshots - Updated BR02
9/15/2015	V1.2	Manika Rastogi	- Updated BR10 and 11 - Updated Data Req # 23 - Added Validate Selection step in the screen mock section - Add Data Req # 29
9/23/2015	V1.3	Manika Rastogi	- Updated screen mock on page # 21. The attached mock up displays the RFA ID instead of RFA Name on 'Draft Saved' step in wizard

Review/Sign Offs

Role	Name	Date
Reviewer	Vikrant Nishandar	
Reviewer/Sign Off	Darren Thomas	

Development Sign Off

Version	Approved By	Date

1. Glossary

Term	Description
Modifications	Request for Amendment functionality to support following two modification types: 1. Fund Name Change 2. Exhibit Value Change
Modification Placeholder	Modification placeholder inserted in letter template will serve as a placeholder for inserting Party B selected and validated in Modification bucket when creating Request for Amendment
Amendment Date	This signifies the execution date i.e. date when RFA is sent over to the counterparty after BS and SS have electronically signed the amendment letter
Fund Name	Throughout the document Fund Name when specified comprises of Entity True/Legal Name or Client Identifier or Pre-LEI/LEI

2. Enhancements Covered in this Document

Enhancement ID	Enhancement Description	Impacts
RFA02	1. Creation of RFA document to modify Party B master list data e.g. credit terms/schedules, provisions, etc. 2. Linkage to MCPM Documents for SS only	BS and SS Workflow
RFA03	Process for Fund name change	BS and SS Workflow

3. Introduction

In the current implementation BS has no ability to initiate RFA for initiating following modifications:
1. Party B Fund Name- True Legal Name or Client Identifier or LEI
2. Exhibit Value for the Party B that has already been added on Active tab of Masterlist

2.1 Purpose of this Document

This document will focus on 'Modifications' workflow and will cover the following:
- Modifications Work Flow
- List of required enhancements in existing workflow as well as other UI improvements required
- Provide detailed functional requirements; business rules and screen mock-ups

3. Key Assumptions

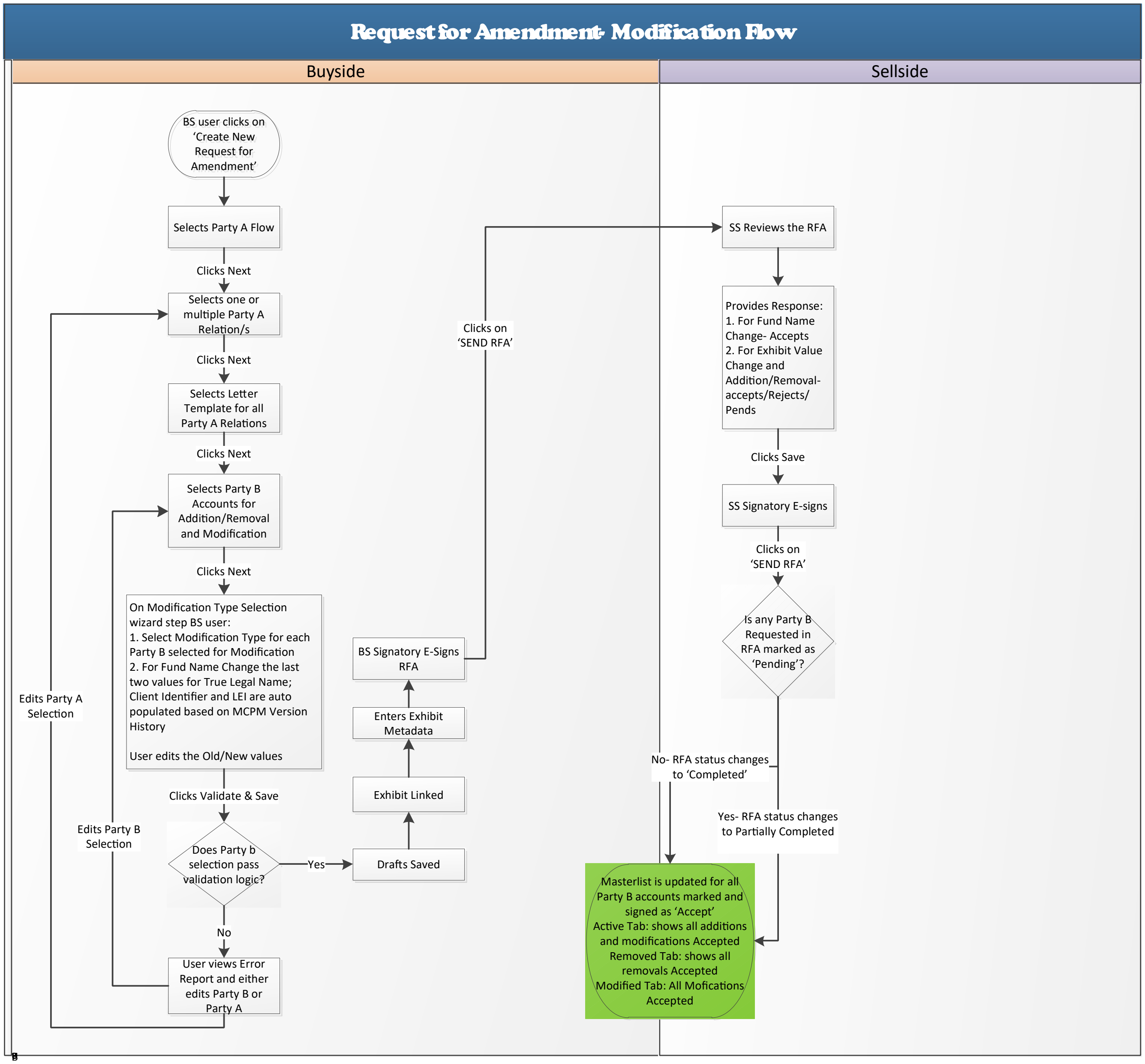
1. Any and all currently existing MCPM pages as well as Request for Amendment functionality will not be affected by the enhancements unless explicitly stated to do so
2. Only BS will have the ability to insert Modifications placeholder in Amendment Letter as well as the Letter Template
3. Only BS will have the ability to initiate Modifications work flow
4. **Any Party B included in Modifications bucket MUST exist on the Active tab of the Masterlist**
5. RFA for Modifications work flow needs to be electronically signed by both BS and SS for the update to occur on Masterlist
6. Party B Name change on MCPM will NOT automatically trigger Request for Amendment on MCPM RFA Functionality
7. For Exhibit Value Change buyside user will key in the new exhibit Value
8. Sellside will have the ability to Accept or Reject modification for Fund Name Change as well as the Exhibit Value Change
9. Buyside will not be able to add any Party B simultaneously for Addition/ Removal AND either of the two modifications
10. Buyside must be able to select both modification types Fund Name Change and Exhibit Value Change for one Party B simultaneously at any point of time
11. Available Party B bucket in Party B selection step in wizard will show the latest Party B True Legal Name that exist on MCPM Core
12. Markit will NOT be correcting/editing any amendment unless requested by client who has correct user roles

4. High Level Business Requirement

Fund Name Change = Change in any of the attributes- True/Legal Name / Client Identifier / Pre-LEI/ LEI

IN SCOPE	OUT OF SCOPE
BS ability to initiate Request for Amendment for following modifications: 1. Party B Name Change 2. Exhibit Value Change	SS ability to Pend Modification request
BS ability to insert Modifications placeholders in Letter Template for initiating Modifications RFA	SS ability to initiate Request for Amendment for modifications
BS ability to initiate Fund Name change modification on MCPM first or via Request for Amendment	SS ability to edit Request for Amendment – letter verbiage or the exhibit Value
Masterlist update occurs after SS ‘Accepts’ and E-signs the Modification Request	BS ability to add Party B in Request for Amendment for Modification if that Party B does not exist on Active tab of Masterlist
View History link on entity Basic Information chevron to show audit history of changes in fund name; LEI; Client Identifier	
BS ability to edit Fund Name on Modification Type Selection Step on wizard	

5. ‘Modification’ Process Flow



6. Business Rules

Business Rule Description	Business Rule ID
Modification Placeholders in Letter Template **"Fund Name Change" placeholder corresponds to 'Fund Name Change' Modification Type** **"Exhibit Value Change" placeholder corresponds to 'Exhibit Value Change' Modification Type** **Both Modification placeholders must ONLY get enabled after Party A Relation placeholder is inserted in letter template** **User must be allowed to insert Modifications placeholders with all other placeholders when creating and saving letter template**	BR01
Party B Selected for Modifications RFA **Party Bs displayed in 'Available Party B' bucket on Party B selection step in wizard must display the latest i.e. the current True Legal Name that exists on MCPM** **Clicking 'Validate & Save' for selected Party Bs- When validating the Party B selected for Modification, application must check that (1) all Party B selected for Modification exist on Active tab of Masterlist of each selected Party A Relation AND (2) the selected Party B must NOT exist in RFA queued on BS RFA Landing Page, which is in 'Draft' or 'Submitted' statuses or Partially Completed status (Partially Completed status- only for the selected Party B that is marked as Pending) for the same Masterlist i.e. Party A Relation. Validation (2) fails ONLY when the selected Party B exist in RFA for the same Modification Type** **If validation (1) fails i.e. the selected Party B does not exist on the Active tab then application must generate Error Report and must not allow the user to proceed in wizard until the error is fixed** **If validation (2) fails then application must generate error report stating: "Selected Party B is already requested in <RFAID> for the <Modification Type>" and must not allow the user to add that Party B for the same Modification Type**	BR02
Exhibit Value **All exhibit Value i.e. metadata must be stored in backend for audit history**	BR03
SS Response for Modifications **For Fund Name Change as well as Exhibit Value Change SS must have the ability to either 'Accept' or 'Reject' the modification request** **In case 'Rejected' the rejection response on 'Save' must be displayed real time on both BS and SS RFA Landing page and must NOT be included in the pdf that BS/SS Signatory signs and hence Party B's that are marked and signed as 'Reject' must NOT be a part of the Document versions saved as pdf**	BR04

Masterlist must get updated after SS clicks on 'SEND RFA' after E-Signing ONLY to show the 'Accept' responses	
Masterlist Update **Masterlist must be updated for Addition; Removal and Modification requests ONLY after SS clicks on 'SEND RFA' after E-signing.** **ONLY "Accept" responses for Addition; Removal and Modification request/s must show up on following tabs:** **1. Active Tab on the Masterlist displays ONLY the new accepted value for Modification (True Legal Name; Client Identifier; Pre-LEI/LEI as well as New Exhibit Metadata) AND Party B requested for Addition that was marked and signed as 'Accept'** **2. Removed Tab on the Masterlist displays ONLY the Party B requested for Removal and was marked and signed as 'Accept'** **3. Modified Tab on the Masterlist MSUT ONLY display the Party B that was requested for Modification. Both Old (True Legal Name; Client Identifier; Pre-LEI/LEI as well as New Exhibit Metadata) AND New values (True Legal Name; Client Identifier; Pre-LEI/LEI as well as New Exhibit Metadata) along with Date Modified must be displayed on the Modified tab**	BR05
Fund Name Change Update on MCPM Core **Fund name is updated on MCPM Core ONLY when ALL following conditions are fulfilled:** 1. **Defaulted True Legal Name or Client Identifier or Pre-LEI/LEI is manually edited on Modification Type Selection wizard step AND** 2. **Corresponding checkbox is checked off by the user AND** 3. **At least one Buyside signature Placeholder has at least one BS Signatory's Signature inserted in the Amendment Letter** **Only when Fund Name is updated on MCPM then "View History" link on MCPM Basic Information chevron must display this update in version history pop up** **Masterlist update occurs per BR05**	BR06
Modification Type Selection step in wizard + Progress Bar on top **ONLY if Party B is/are selected and placed in the Modification bucket on Party B selection step, then "Modification Type Selection" Step in both Party A and B Flows must be added right before 'Validate Selection' step** **On "Modification Type Selection" step if as soon as "Fund Name Change" is selected from drop down menu then application must show following fields:** 1. **"New True/Legal Name"- application must default current entity True Legal Name as it exists on MCPM** 2. **"New Client Identifier"- application must default the current entity Client Identifier as it exists on MCPM** 3. **"New Pre-LEI/LEI"- application must default the current entity Pre-LEI/LEI as it exists on MCPM** **NOTE: If LEI is changed and update is pushed back to MCPM then LEI update process will be triggered on MCPM and not on RFA** 4. **"Comments" Box- Optional free text box for BS comments**	BR07

All above four fields must be editable **ONLY if any of the field/s 1 to 3 is being edited by BS user, then checkbox stating "Update Entity on MCPM" and by default UNCHECKED must be displayed under that edited field/s** **User must be able to check any or all of the three checkboxes** **ONLY if any checkbox/s is checked then MCPM must get updated with the edited value (for that specific field where checkbox was checked) as soon as any one BS signature is inserted in amendment letter but Masterlist must get updated per BR05** **Once put of the wizard the 'Next Steps' and 'Actions' column must display action icons per BR10**	
Party B Validations **When validating Party B Addition/Removal//Modification following validation rules must be used (replace the previous validation with the below):** **Addition – application must validate that "entityid" for ALL Party B Accounts selected for Addition DO NOT exist on the Masterlist for ALL Party A Relations selected. In case if it does, then it must be pulled in the error report and until the error is fixed wizard must not let the user progress** **Removal – application must validate that "entityid" for ALL Party B Accounts selected for Removal MUST exist on the Masterlist for ALL Party A Relations selected. In case if it does not, then it must be pulled in the error report and until the error is fixed wizard must not let the user progress** **Modification – application must validate that ""entityid"" for ALL Party B Accounts selected for Modification MUST exist on the Masterlist for ALL Party A Relations selected. In case if it does not, then it must be pulled in the error report and until the error is fixed wizard must not let the user progress**	BR08
Amendment Date placeholder This non-editable; non-removable placeholder must be inserted by application in every amendment letter on top left corner. This date must be pinned ONLY on the RFA pdf documents which will be captured with Document ID in View RFA Document History Application must insert current system date in format DD-MMM-YYYY in this placeholder following this logic: 1. For Document ID 001 – Date pinned in must be when BS first electronic signature is inserted in amendment letter . For Document ID 002 – Date pinned must be the same date as first BS first electronic signature inserted in amendment letter i.e. same as Document ID 001 3. For Document ID 003 to nth – Date pinned in must be the date when SS clicks on 'SEND RFA' Example :	BR09

Doc Version ID	Action	Amendment Letter Date
`001		11-Jan-2015

	BS initiates RFA for 10 Additions. First BS electronic signature is inserted in Amendment Letter on Jan 11, 2015	
	SS Rejects RFA on Jan 12	
`002	BS edits the same RFA >> Re-signs. First BS electronic signature is inserted in Amendment Letter on Jan 14, 2015	14-Jan-2015
`003	SS Accepts 5 Pends 5 on Jan 15 >> E-Signs on Jan 20 >> clicks on Send RFA on Jan 25 but this will take last BS Signature Date	14-Jan-2015
`004	SS Accepts 3 Pending on Jan 27 >> E-signs on Jan 30 >> clicks on Send RFA on Jan 31	31-Jan-2015

Next Steps and Actions Column on BS

BR10

STEP # 1

RFA Status	Scenario	Next Steps column	Actions column
Draft	When only modification- Fund Name Change	E-Sign	Edit Request for Amendment
	When only modification- Exhibit Value Change	Edit Linked Exhibit	Edit Request for Amendment
	When both modification- Exhibit Value Change and Fund Name Change	Edit Linked Exhibit	Edit Request for Amendment
	When Modification- Exhibit Value Change + Addition	Edit Linked Exhibit	Edit Request for Amendment
	When Modification- Exhibit Value Change + Removal	Edit Linked Exhibit (Note here the Exhibit values are only relevant for Exhibit Value Change)	Edit Request for Amendment
	When Modification- Exhibit Value Change + Addition + Removal	Edit Linked Exhibit	Edit Request for Amendment
	When Modification- Fund Name Change + Addition	Edit Linked Exhibit	Edit Request for Amendment
	When Modification- Fund Name Change + Removal	E-Sign	Edit Request for Amendment

STEP # 2:

For all above scenarios ONLY after the exhibit value for all cells in the exhibit grid are saved

on Exhibit Editor page THEN - 'E-Sign' must ALWAYS show under 'Next Steps' column AND 'Edit Linked Exhibit' + ‘Edit Request for Amendment’ under 'Actions' column in this order STEP # 3 As soon as FIRST BS Signatory’s signature is inserted in the amendment letter for any BS signature placeholder inserted then 'E-Sign' must always show under 'Next Steps' column AND ‘SEND RFA’ under 'Actions' column. At this point ‘Edit Linked Exhibit’ or ‘Edit Request for Amendment’ or ‘Link Exhibit’ must not be available STEP # 4 After ‘SEND RFA’ is clicked then no action icon must be displayed under ‘Next Steps’ columns and only ‘View RFA Document History’ must be displayed under ‘Actions’ column	
Exhibit Editor **For any amendment draft saved that has one or more Party B selected for (a) Modification Type- Exhibit Value Change and /or (b) Addition, then upon clicking ‘Edit Linked Exhibit’ action icon (for the first time after exiting out of the wizard) on the Edit Linked Exhibit page consolidated grid showing both Party B(s) selected for Modification Type- Exhibit Value Change and Addition is displayed. Only for the Party B(s) selected for Modification- Exhibit Value Change, the metadata is pre-populated and this is retrieved form the Active tab of the Masterlist.** **After saving the metadata on Edit Linked Exhibit→ E-sign shows under Next Steps columns. If the user revisits the Edit Linked Exhibit page by clicking on ‘Edit Linked Exhibit’ action icon under actions columns then ONLY if the Control column existed then on Edit Linked Exhibit page Party B(s) – both selected for Modification- Exhibit Value Change and Addition are sorted into distinct grids based on the metadata entered in the control column**	BR11

7. Use Case

Use Case Name	RFA Initiated for Fund Name Change OR Exhibit Value Change OR Both
Use Case ID	UC01
Description	RFA initiated for Fund Name Change
Pre-Condition	Letter Template selected must have modifications placeholder inserted
Primary Actor	BS RFA User

Step #	User Action	Application Action	Business Rule
01	[START] BS RFA User clicks on 'Create Request for Amendment' Quicklink		
02		Wizard is launched	
03	Selects Party A Flow		
04	Clicks on 'Next'		
05		Navigates to Party A step displaying all Party A Relations	
06	Selects one or more Party A Relations		
07	Clicks on Next		
08		Navigates to Letter Template Selection displaying all Party A selected in step 06	
09	Selects Letter Template from Letter Template drop down menu for each Party A Relation selected in step 06 NOTE: Letter Template must have Modifications placeholder inserted		BR01
10	Clicks Next		
11		Navigates to Party B selection	
12	Selects Party B for Addition and/or Removal. Selects Party B for Modification by clicking on 'M' corresponding to Party B to be selected for Modifications NOTE: User can also select Party B for Addition and Removal in this step along with Party B for Modification		BR02
13		Selected Party B placed in Modifications bucket	
14	Clicks on Next		
15		Application navigates to Modification Type Selection step ion wizard	
16	Selects Modification Type- Fund Name Change or Exhibit Value Change for EACH Party B selected for Modification		
17		For Party B where Modification Type- Fund Name Change is selected, application displays the following three	BR07

		fields: 1. New True/Legal Name- application defaults current entity True Legal Name 2. New Client Identifier- application defaults current entity Client Identifier 3. New Pre-LEI/LEI- application defaults current entity Pre-LEI/LEI	
18	Cursor clicks in New True Legal Name field		
19	Edits the defaulted entity true legal name (Optional)		
20		Displays checkbox stating “Update Entity in MCPM”	BR07
21	Edits the ‘New Client Identifier’ field (Optional)		
22		Displays checkbox stating “Update Entity in MCPM” Checkbox is checked off	BR07
23	Edits the ‘New Pre-LEI/LEI’ field (Optional)		
24		Displays checkbox stating “Update Entity in MCPM” Checkbox is checked off	BR07
25	Enters comments for modification type- Fund Name Change (Optional) or Exhibit Value Change (Mandatory)		
26	Clicks on ‘Next’		
27		Application displays all Party B selected for Addition; Removal and Modification selected in step 12	
28	Clicks on ‘Validate & Save’		
29		Application validates per BR02	BR02; BR08
30		If Error exists then application generates Error Report OR If no Error then application saves Drafts with unique system generated RFA IDs	
31	On ‘Drafts Saved’ wizard step user clicks on Close		
32	User clicks on ‘Link Exhibit’ to link exhibit (Optional)		
33		Application navigates to Link Exhibit step if ‘Link Exhibit’ was clicked in step 26	
34	Selects Exhibit Template from drop down menu		
35	Clicks ‘Save’		
36		Success message stating Exhibit Linked triggered	

37	Clicks on Close on success message		
38		Navigates back to BS RFA Landing page	
39	Clicks on 'Edit Linked Exhibit' icon under Next Steps column		BR10
40		Application navigates to Exhibit Editor and consolidated Exhibit grid displaying: 1. Prepopulated Exhibit with exhibit metadata for the Party B selected for modification 2. Blank cells for the Party B requested for Addition Action column displays at each Party B level whether the Party b was selected for Addition or Exhibit Value Change	BR11
41	User enters exhibit value for Party B selected for Addition		
42	User tries to Edit Column Header that is linked with Party B selected for Exhibit Value Change		
43		Application does NOT change the column header	
44	User tries to Remove column that is linked with Party B selected for Exhibit Value Change		
45		Application does NOT remove the column	
46	Clicks on 'Save' on Exhibit Editor		BR03
47		Application saves data (or fires error message if any cell does not have data and user then enters missing data) and navigates back to BS RFA Landing Page	
48		E-Sign appears under 'Next Steps' column	BR10
49	BS Signatory E-Sign the RFA for at least one Buyside Signature placeholder		BR10
50		On MCPM Core following occurs: 1. True Legal Name is NOT edited as checkbox was unchecked 2. Client Identifier is updated 3. Pre-LEI/LEI is updated	
51	BS RFA User clicks on 'SEND RFA'		BR10
52		Following occurs: 1. Email notification is triggered to SS 2. RFA status on BS changes from Draft to Submitted 3. Submitted Date is populated 4. Buyside E-Signed event is captured in View RFA Document History as Document ID "001" 5. Amendment Date is pinned in Document ID 001	BR09

53	SS RFA User clicks on 'Edit Response' icon under 'Next Steps column		
54		Application open SS Response page in edit mode	
55	SS RFA User Reviews the RFA and provides response: 1. For Modification Type- Fund Name Change, SS RFA user marks 'Accept' 2. For Modification Type- Exhibit Value Change, SS RFA user marks either 'Accept' or 'Reject' and provides comments 3. For Addition/Removals- marks either 'Accept' or 'Reject'/'Pending' and provides comments		BR04
56	Clicks on 'Save'		
57		Rejection and Pending are displayed Real time E-Sign action icon appears under 'Next Steps' column	
58	SS Signatory clicks on 'E-Sign' action icon under Next Steps column		
59		Open E-Sign page	
60	SS RFA Signatory signs for at least one Sellside Signature placeholder		
61	Clicks on 'SEND RFA'		
		Following occurs: 1. Email Notification is triggered to BS 2. Sellside E-Sign event is captured in View RFA Document History with new Document ID "002" 3. Step 61 date i.e. when 'SEND RFA" is clicked is pinned in 002 4. RFA status changes to 'Completed' if no Party B is marked as 'Pending' OR 'Partially Completed' if one or more Party B is marked as 'Pending' 5. Edited True Legal Name; Edited Client Identifier and Edited Pre-LEI/LEI are updated on Masterlist on Active and Removed tabs Masterlist is updated to show the flowing: (a) Active tab: Latest value (b) Modified tab: Last value [END]	BR05; BR06; BR09

8. Screen Mock-ups

Figure # 1: SS- RFA Landing Page showing the 'Document' action icon

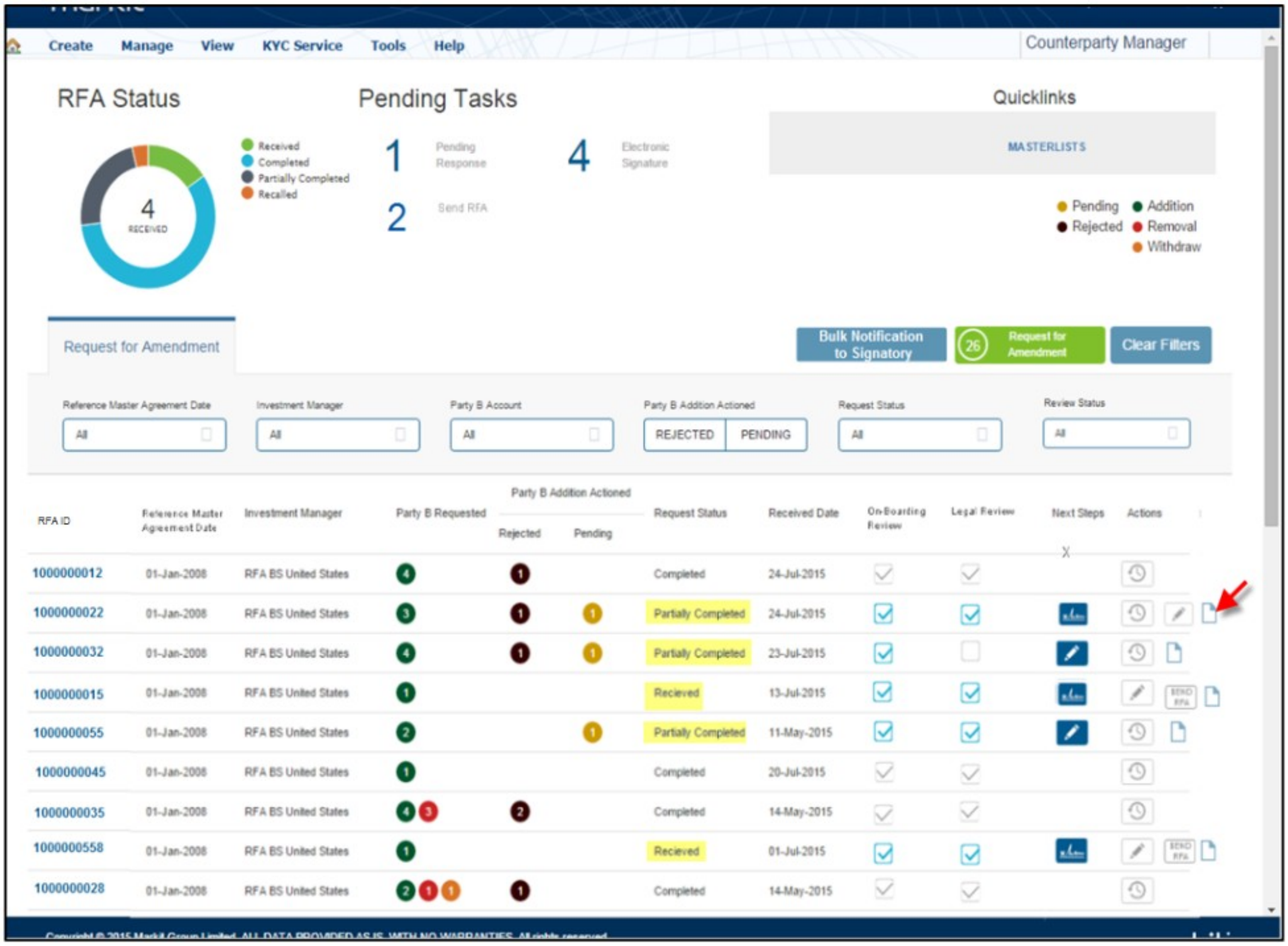
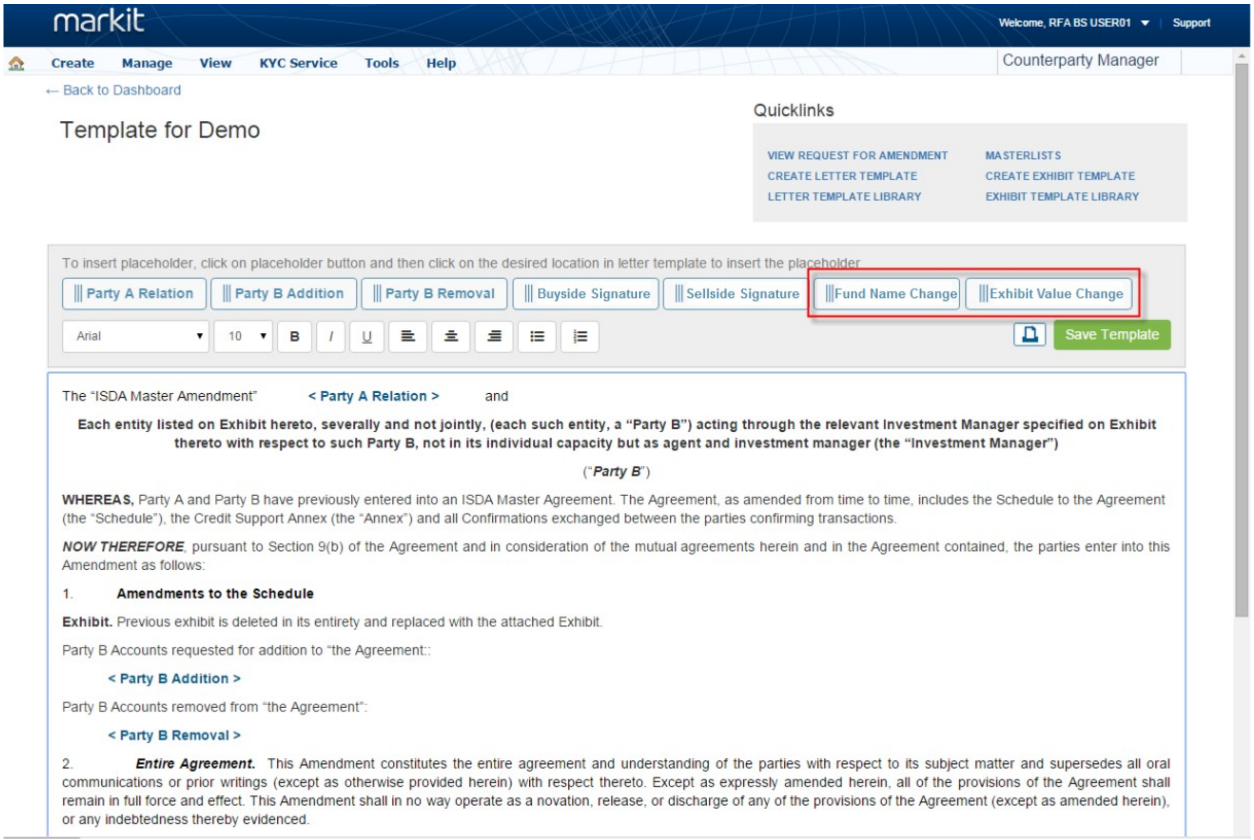
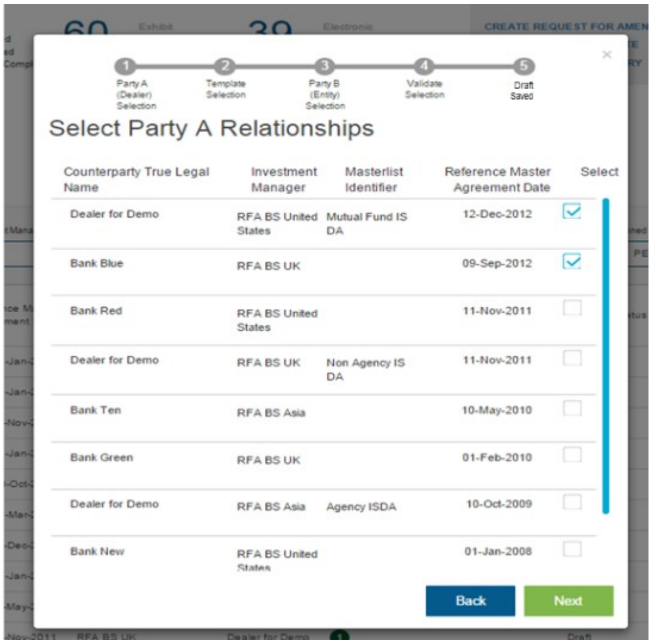


Figure # 2: BS- Letter Template showing Modifications- “Fund Name Change” and “Exhibit Value Change” Placeholders



Wizard Steps-

Selects Party A Relations



Selects Letter Template for each selected Party A

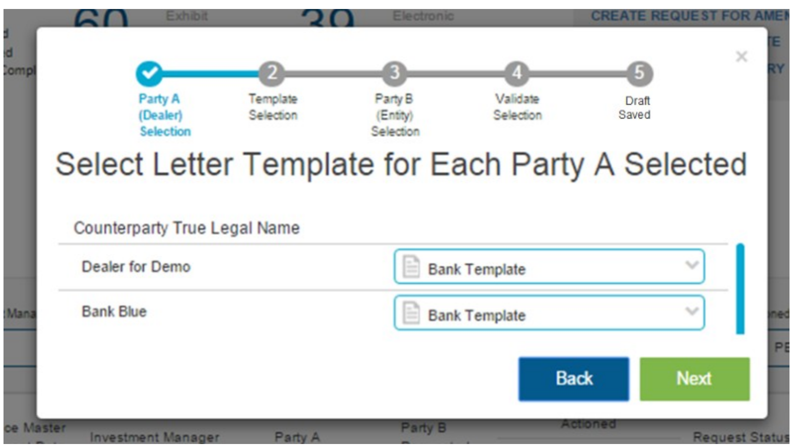


Figure # 3: Party B Selection step showing "M" for each Party B available for selection and Modification bucket

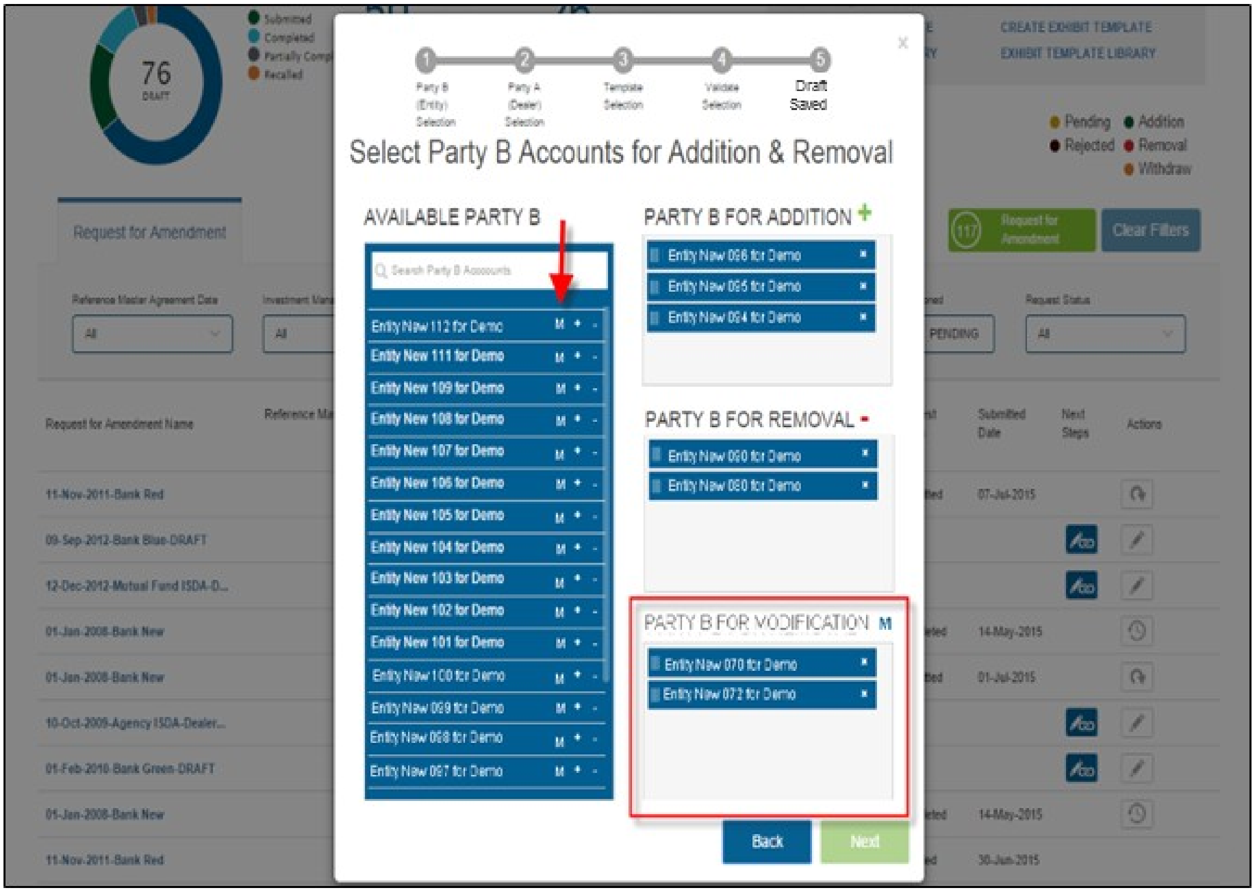


Figure # 4: Wizard step- "Modification Type Selection"

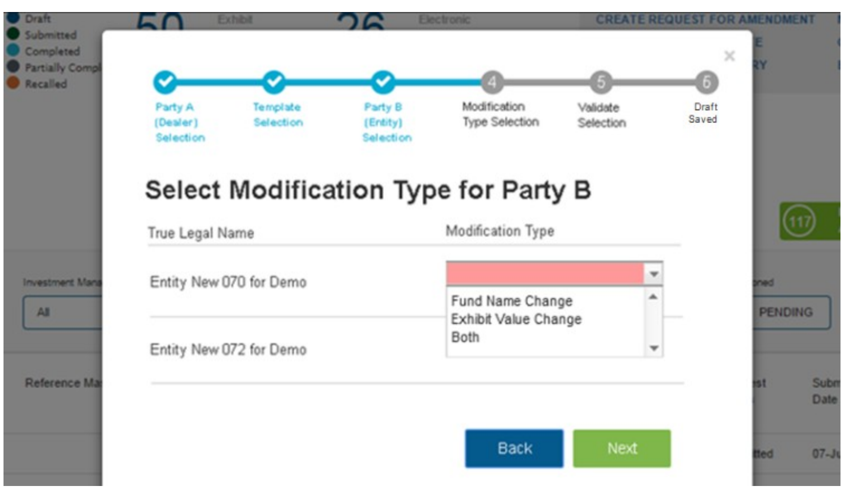
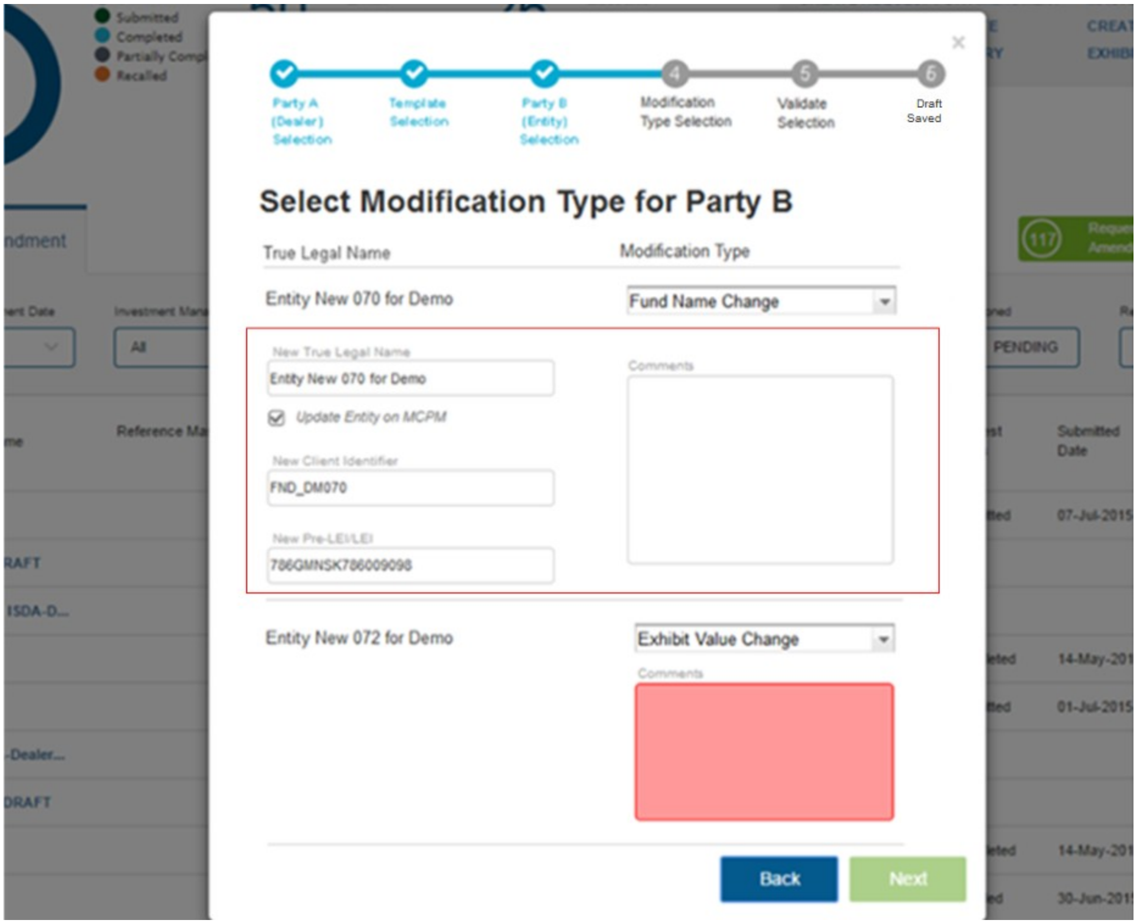
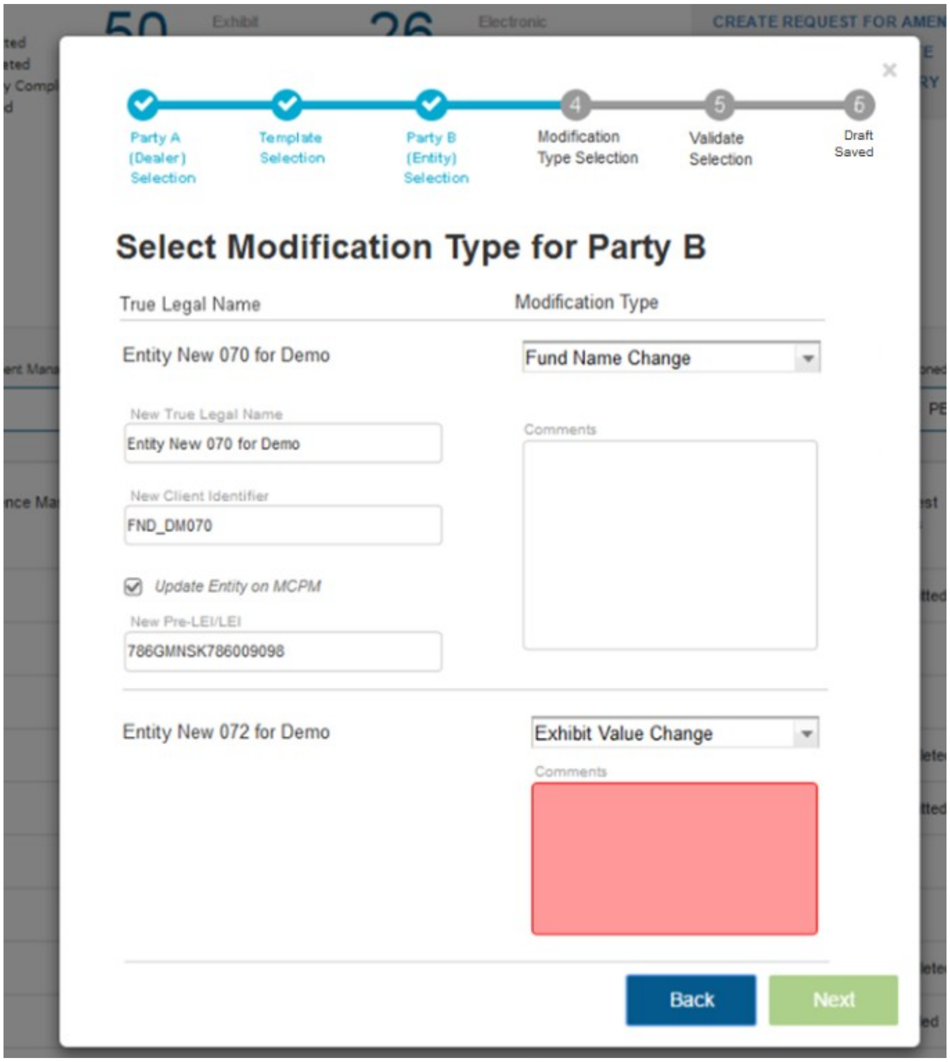
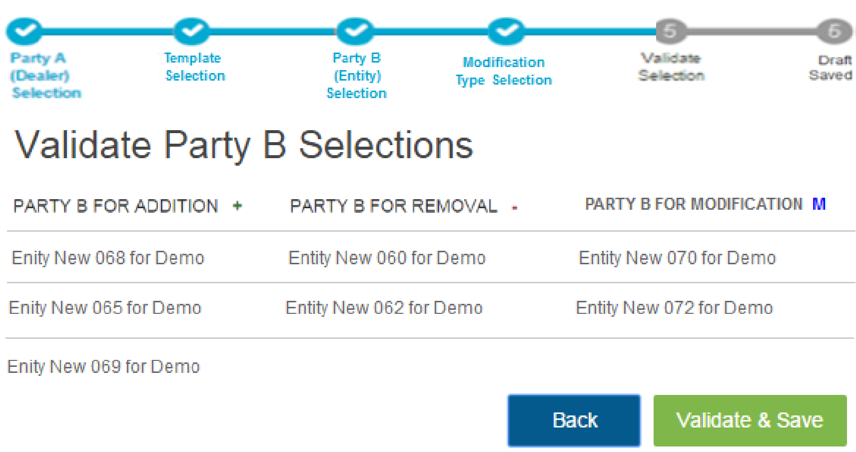


Figure # 5: When Fund Name Change is selected then highlighted fields are displayed and auto defaulted. Checkbox appears by default checked off only if any are all of the highlighted fields are edited


Party A (Dealer) Selection
Template Selection
Party B (Entity) Selection
Modification Type Selection
Validate Selection
Draft Saved
Select Modification Type for Party B
True Legal Name
Modification Type
Entity New 070 for Demo
Fund Name Change
New True Legal Name
Entity New 070 for Demo
Update Entity on MCPM
New Client Identifier
FND_DM070
New Pre-LEI/LEI
786GMNSK786009098
Comments
Entity New 072 for Demo
Exhibit Value Change
Comments
Back
Next



Validate & Save



Drafts saved

Figure # 6: Final step is to enter Exhibit Value

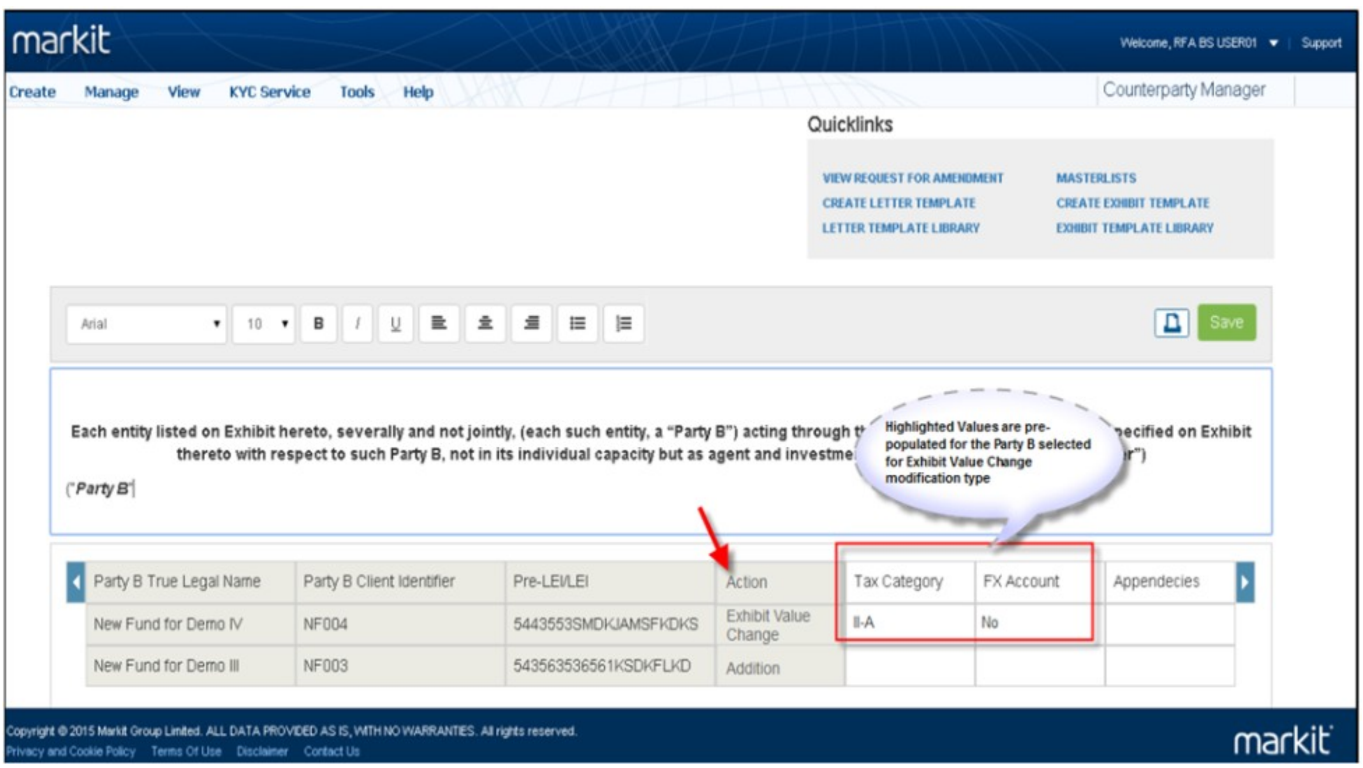
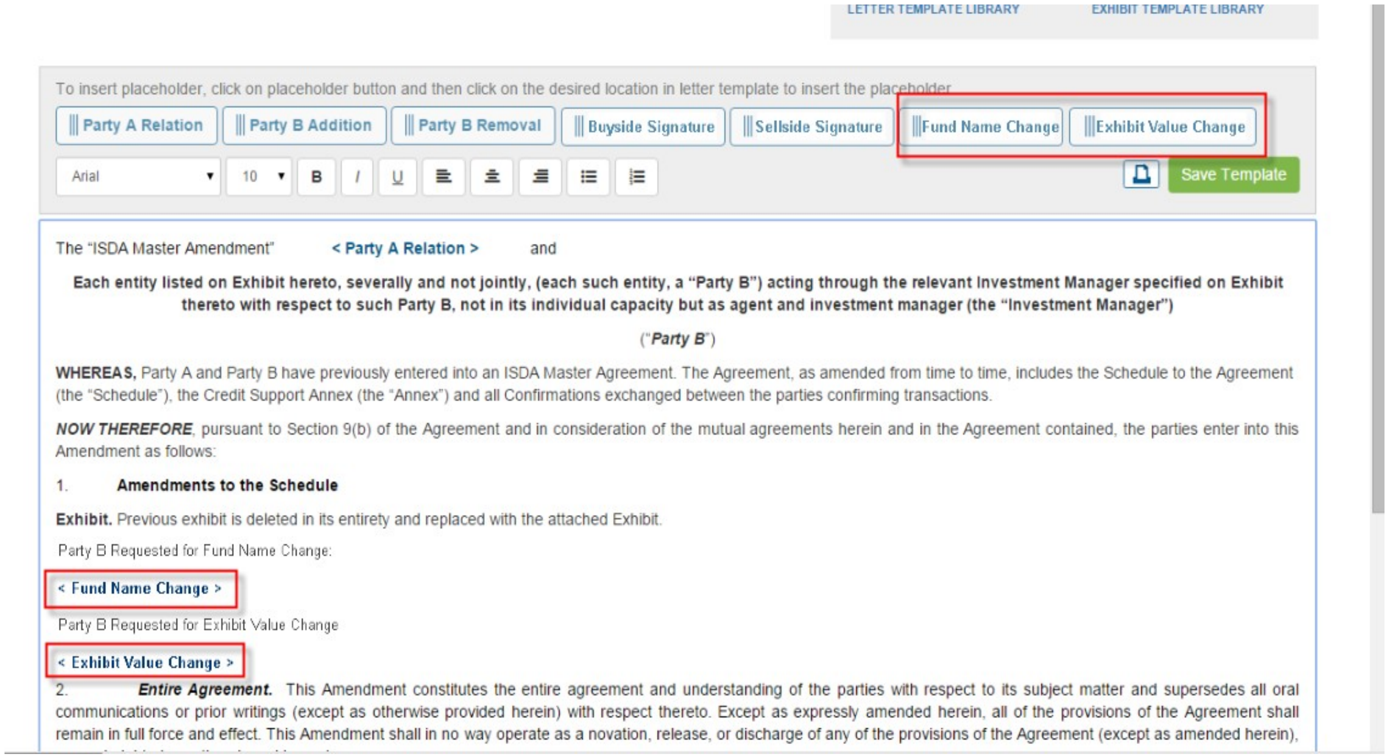


Figure # 7: RFA pdf showing modification placeholders replaced with values
Letter Template showing the placeholders



Pdf on E-Sign showing placeholders replaced with actual value

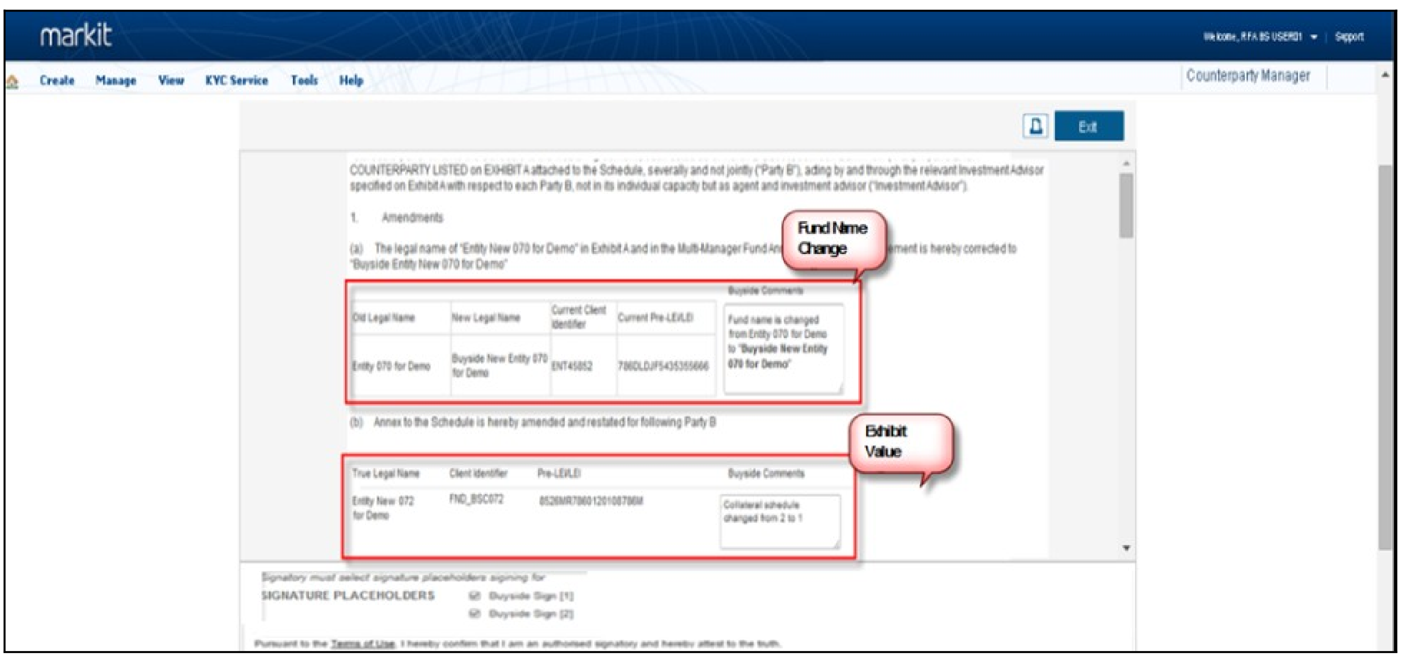


Figure # 8: SS Response Page showing Party B requested for Fund Name Change and Exhibit Value

Page 1 showing the Party B requested for Fund Name Change and Exhibit Value Change Modification

1 Response Required — 2 Electronic Signature

Quicklinks

VIEW REQUEST FOR AMENDMENT
MASTERLISTS

Please Select Responses for Party B Additions & Removals

Save

AMENDMENT

Amendment dated July 21, 2014 to that certain Amended and Restated Master Agreement, Amended and Restated Schedule to the Master Agreement (the "Schedule") and Annex to the Schedule to the Master Agreement , each dated as of March 21, 2009, between Bank New ("Party A") and EACH COUNTERPARTY LISTED on EXHIBIT A attached to the Schedule, severally and not jointly ("Party B"), acting by and through the relevant Investment Advisor specified on Exhibit A with respect to each Party B, not in its individual capacity but as agent and investment advisor ("Investment Advisor").

1. Amendments

(a) The legal name of "Entity New 070 for Demo" in Exhibit A and in the Multi-Manager Fund Annex #1 of the Swap Agreement is hereby corrected to "Buyside Entity New 070 for Demo"

Old Legal Name	New Legal Name	Current Client Identifier	Current Pre-LEI/LEI	Buyside Comments	Sellside Action	Reason for Rejection
Entity 070 for Demo	Buyside New Entity 070 for Demo	ENT45852	786DLDJF5435355666	Fund name is changed from Entity 070 for Demo to "**Buyside New Entity 070 for Demo**"	Accept Reject	Add Comment

(b) Annex to the Schedule is hereby amended and restated for following Party B

True Legal Name	Client Identifier	Pre-LEI/LEI	Buyside Comments	Sell Side Response	Reason for Rejection/
Entity New 072 for Demo	FND_BSC072	8526MR7860120108786M	Collateral schedule changed from 2 to 1	Accept Reject	Add Comment

2. Representations

Each party represents to the other party that all representations contained in the Agreement, as amended, are true and accurate as of the date of this Amendment and that such representations are deemed to be given or repeated by each party, as the case may be, on the date of this Amendment.

3. Miscellaneous

(a) Definitions. Capitalized terms used in this Amendment and not otherwise defined herein shall have the meanings specified for such terms in the Agreement.

(b) Entire Agreement. This Amendment constitutes the entire agreement and understanding of the parties with respect to its subject matter and supersedes all oral communication and prior writings (except as otherwise provided herein) with respect thereto.

Page 2 showing the Exhibit

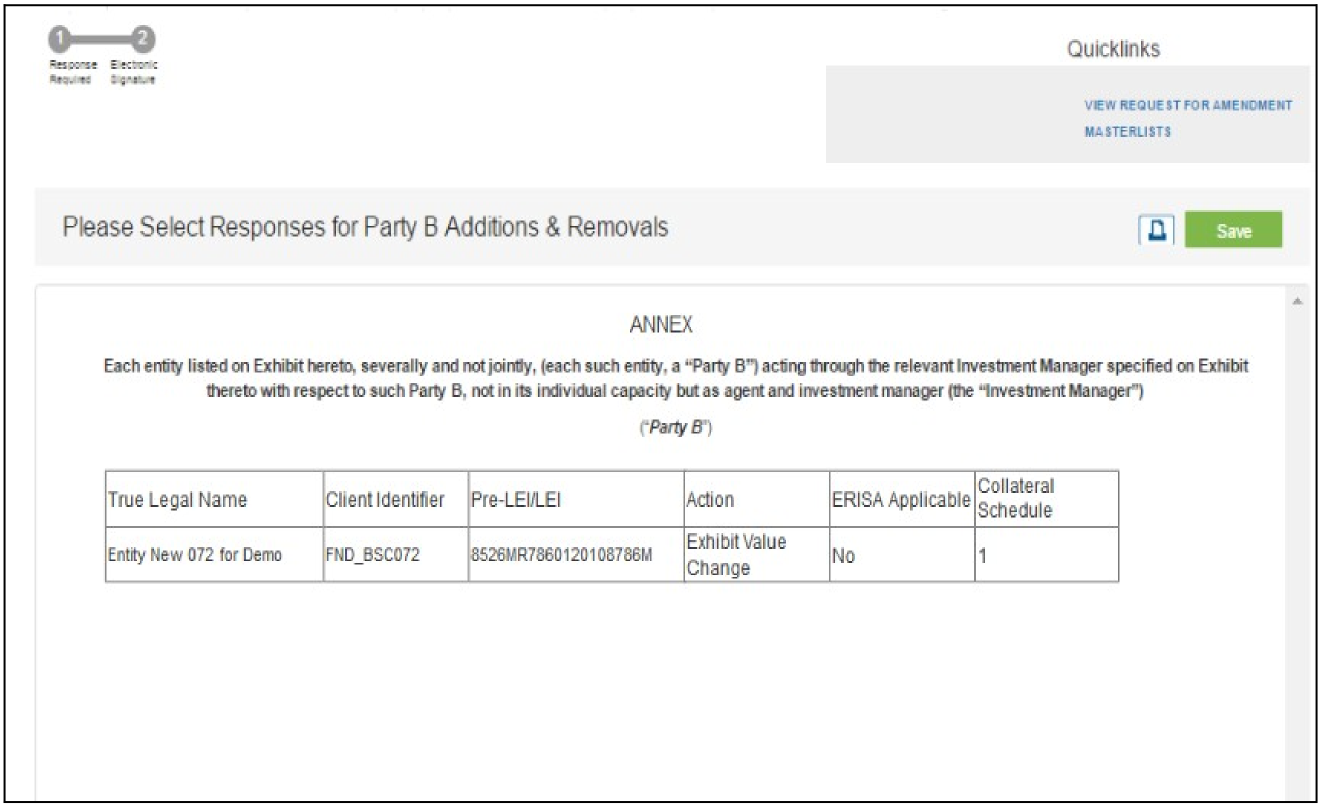
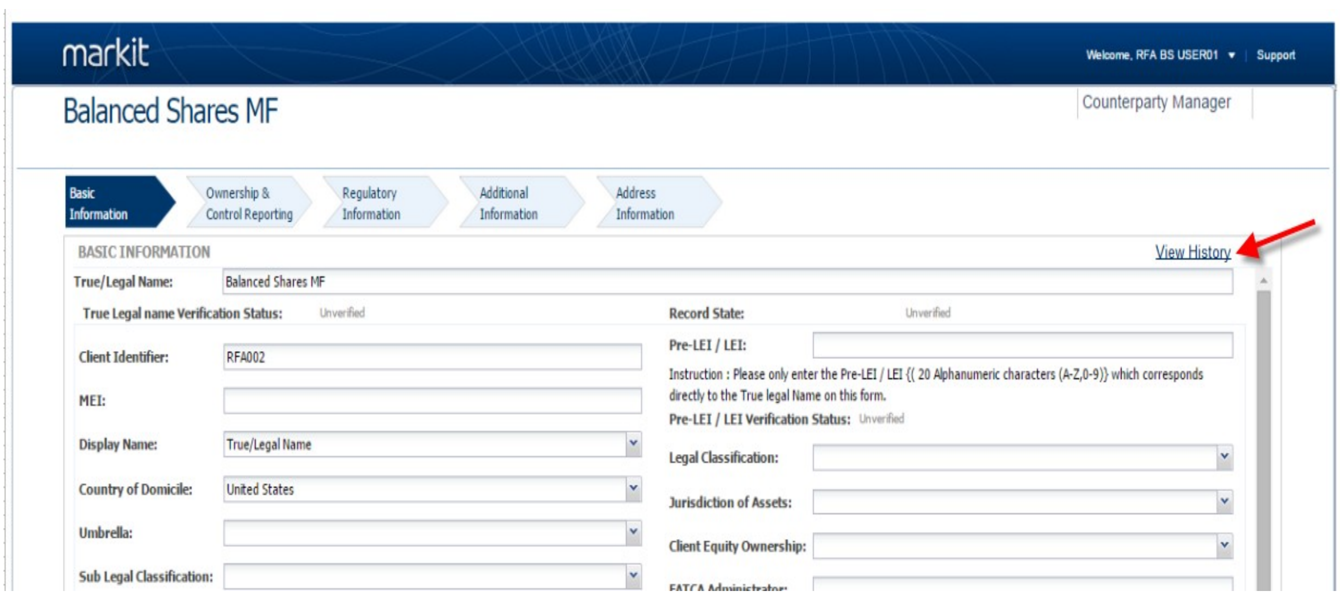
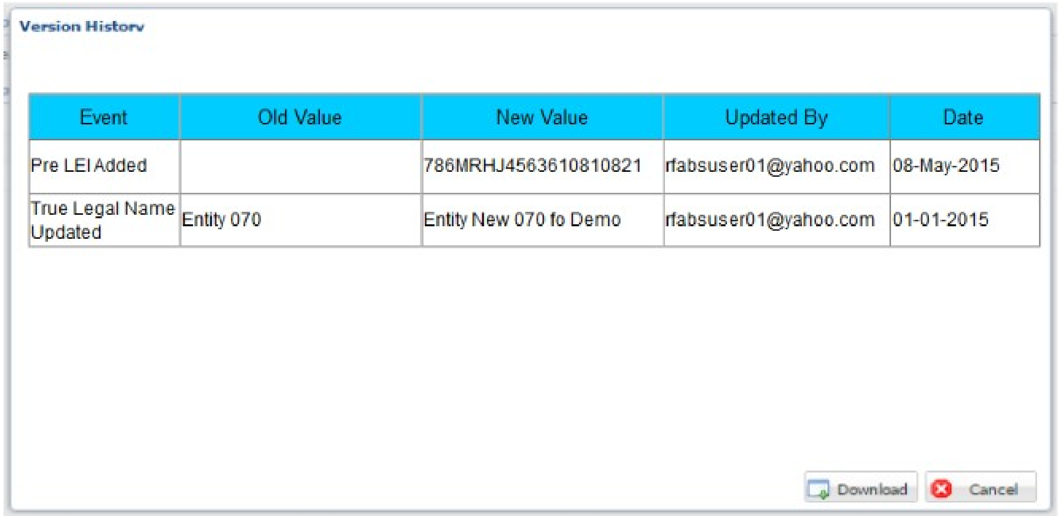


Figure # 9: MCPM Core- Entity Basic Information chevron showing the Audit History links



Clicking on 'View History' must open up pop showing the changes that have occurred in True Legal; Name' Client Identifier and Pre-LEI/LEI



Version History

Event	Old Value	New Value	Updated By	Date
Pre LEI Added		786MRHJ4563610810821	rfabsuser01@yahoo.com	08-May-2015
True Legal Name Updated	Entity 070	Entity New 070 fo Demo	rfabsuser01@yahoo.com	01-01-2015

Download Cancel

Figure # 10 showing the 'Edit Party B Modification' placeholder on Letter Editor page

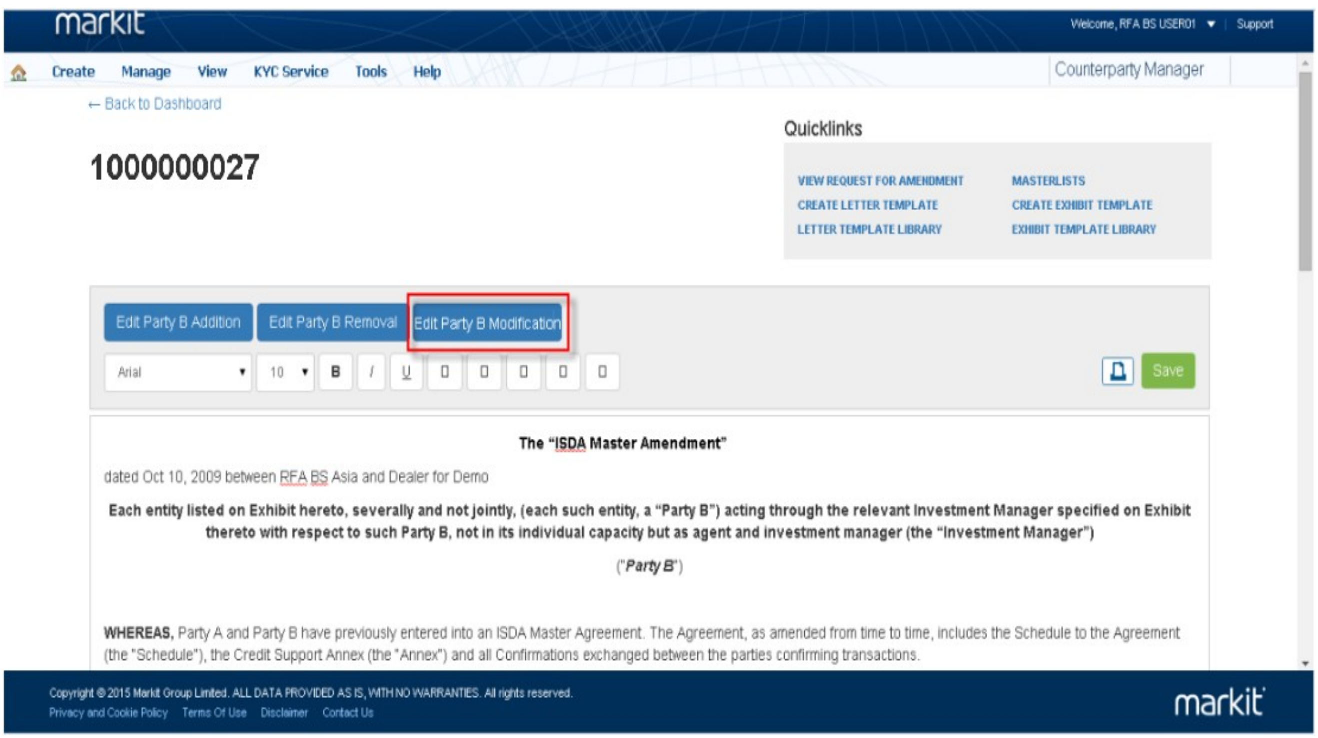
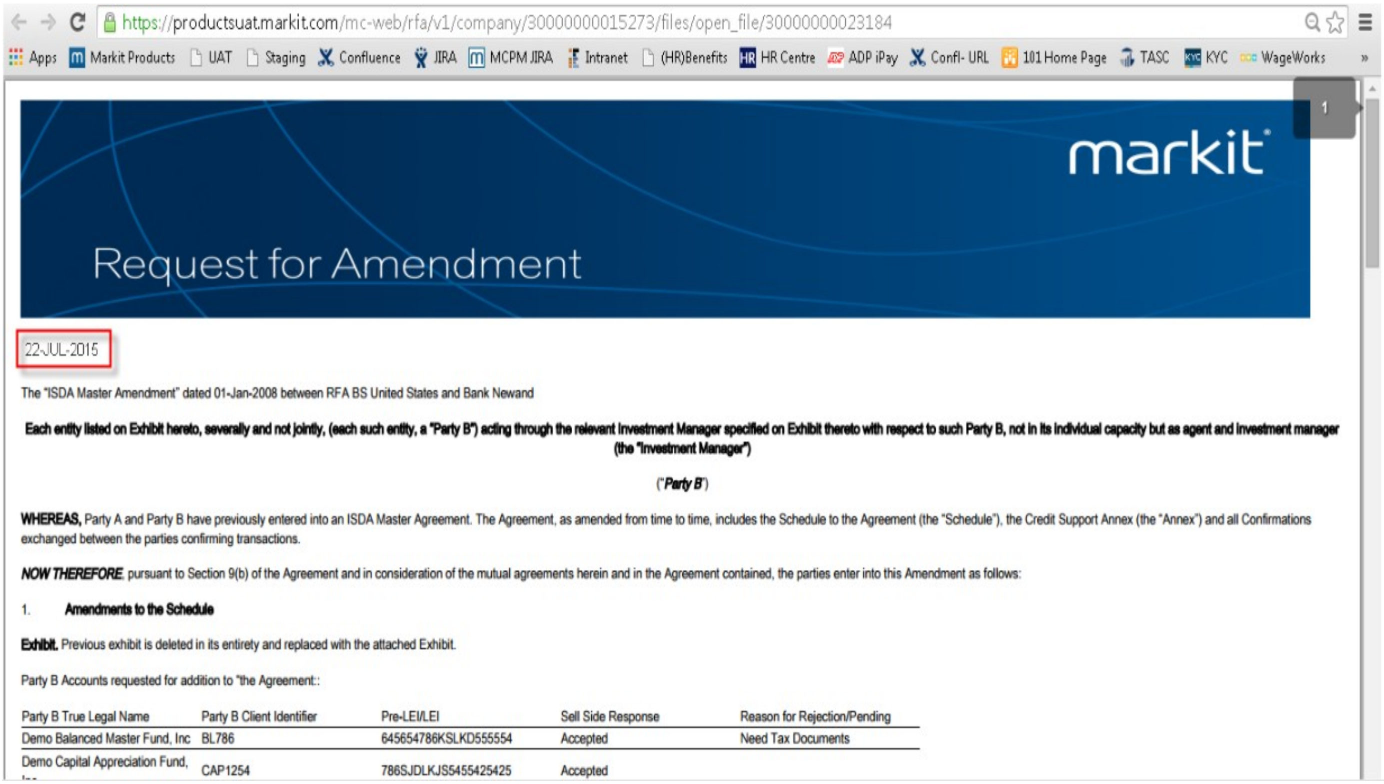


Figure # 11 showing the Amendment Letter Date pinned in RFA pdf



22-JUL-2015

The "ISDA Master Amendment" dated 01-Jan-2008 between RFA BS United States and Bank Newand

Each entity listed on Exhibit hereto, severally and not jointly, (each such entity, a "Party B") acting through the relevant Investment Manager specified on Exhibit thereto with respect to such Party B, not in its individual capacity but as agent and investment manager (the "Investment Manager")

("***Party B***")

WHEREAS, Party A and Party B have previously entered into an ISDA Master Agreement. The Agreement, as amended from time to time, includes the Schedule to the Agreement (the "Schedule"), the Credit Support Annex (the "Annex") and all Confirmations exchanged between the parties confirming transactions.

NOW THEREFORE, pursuant to Section 9(b) of the Agreement and in consideration of the mutual agreements herein and in the Agreement contained, the parties enter into this Amendment as follows:

1. **Amendments to the Schedule**

Exhibit. Previous exhibit is deleted in its entirety and replaced with the attached Exhibit.

Party B Accounts requested for addition to "the Agreement:

Party B True Legal Name	Party B Client Identifier	Pre-LEI/LEI	Sell Side Response	Reason for Rejection/Pending
Demo Balanced Master Fund, Inc	BL786	645654786KSLKD555554	Accepted	Need Tax Documents
Demo Capital Appreciation Fund, Inc	CAP1254	786SJDLKJS5455425425	Accepted	

9. Data Requirements

Req. ID	RFA Module	Attribute Name	Format	Description
01	Letter Template	"Fund Name Change" and "Exhibit Value Change"	Modifications Placeholder in Letter Template	Fund Name Change placeholder corresponds to 'Fund Name Change' Modification Type Exhibit Value Change placeholder corresponds to 'Exhibit Value Change' Modification Type For Both "Fund Name Change" and "Exhibit Value Change" placeholders: 1. Must follow BR01 2. User must be allowed to insert ONLY one of each in the letter template 3. In case a user selects a letter template that does not have the modification placeholder corresponding to the modification type selected then when clicking 'Next' on Modification Type Selection wizard step application must display the error in Error Report as illustrated in the Error Report below: Erorr Report.pdf 4. In case the user selected a letter template that has modification type placeholder/s inserted but the user does not select any Party B for the corresponding modification type then application must NOT include this Party B in Error Report. Also that placeholder NOT be displayed in the amendment letter 5. Party Bs selected for one modification placeholder type must be clubbed together in one frame on the RFA pdf generated 6. Once the validation passes then the selected Party B must be inserted at the corresponding placeholder in the amendment letter draft saved
02	Wizard-Party B Selection	"M" & <Modification Bucket>	Action Icon and <Modification Bucket> on Party Bucket	On Party B selection step in wizard each Party B must also show the action icon "M" in addition to current "+" and "-" When clicking on M the Party B must be added in the "Party B for Modification M" bucket so that this Party B is (1) not pulled up in search on 'Available Party B' grid and (2) not displayed in the 'Available Party B" bucket
03	Wizard-Modification Type Selection	"Modification Type Selection"	Wizard Step	Only the Party B added in the "Party B for Modification M" bucket on Party B Selection step must be displayed on the 'Modification Type Selection' wizard step Must follow BR02 and BR07

				The progress bar on top must display step name as "Modification Type Selection" Clicking 'Next' on this step must show the progress bar status in blue like the other steps
04	Wizard-Modification Type Selection	"Modification Type"	Drop Down	For each Party B selected in Modification bucket on Party B selection step "Modification Type" selection drop down field must be displayed Drop down must display following three options: 1. Fund Name Change 2. Exhibit Value Change 3. Both 'Next' button on this step must NOT get enabled until the user has selected Modification Type for each Party B added in Modification bucket **Both Fund Name Change and Exhibit Value Change placeholders in the RFA draft saved as well as RFA pdf generated must be replaced with values as illustrated in Figure 7**
05	Wizard-Modification Type Selection	"True/Legal Name"	Text	This column must display the True/Legal Name of the Party B entity/s added in the Modifications bucket
06	Wizard-Modification Type Selection	"New True Legal Name"	Text	Must be displayed per BR07 This field is auto populated by the application to display the current True/Legal Name of the Party B Field must be editable by user Only when edited display checkbox as explained in Req ID 09
07	Wizard-Modification Type Selection	"New Client Identifier"	Text	Must be displayed per BR07 This field is auto populated by the application to display the current Client Identifier of the Party B Field must be editable by user Only when edited display checkbox as explained in Req ID 09
08	Wizard-Modification Type Selection	"New Pre-LEI/LEI"	Text	Must be displayed per BR07 This field is auto populated by the application to display the current Pre-LEI/LEI of the Party B Field must be editable by user

				Only when edited display checkbox as explained in Req ID 09
09	Wizard-Modification Type Selection	<Checkbox>	Checkbox	This checkbox must be displayed along with text in italics stating "*Update Entity on MCPM*" Checkbox by default must be unchecked User when checks off the checkbox, then as soon as the first BS signature is inserted in amendment letter, the corresponding field must be updated on MCPM Must follow BR07
10	Wizard-Modification Type Selection	"Comments"	Free text box	'Comments' text box for "Fund Name Change" modification type must be optional. 'Comments' text box for 'Exhibit Value Change' must be Mandatory Both checkboxes are free text boxes that will allow maximum 300 alphanumeric/special characters- !@#$ %^&*()_+{}:"<>?|[];',./\
11	Wizard-Modification Type Selection	"Back" and "Next"		Back button when clicked must navigate the user back to the previous wizard step in Party A or B flow. This button must always be enabled Next button must only get enabled when modification type is selected for all Party B selected for Modification and all Comments for Modification Type – Exhibit Value Change are entered Clicking on 'Next' application must automatically store the comments and other selection and print them on RFA pdf ONLY for the Party B where validations pass
12	Amendment Letter-All Document IDs	<Date Placeholder>	System generated non editable date	This placeholder must be system generated ONLY on RFA documents where Document ID is generated. Must follow BR09
13	Wizard-Validation step	"Error Report"	Pdf Error Report	This must be generated in pdf format ONLY when the validations for one or more Party B fail Error Report must ONLY display the failed validations. Example if only Party B Removal has failed then Error Report must NOT show the <statement + grid> for Party B Addition; Modification and Letter Template Must follow BR02 **Mock Error Report attached below:**

				Erorr Report.pdf
14	Masterlist	Masterlist Update		Masterlist update must ONLY occur after SS clicks on ‘SEND RFA’ after SS E-Signatures are inserted in amendment letter Must follow BR05 Masterlist update like previous implementation MUST be identical on both BS and SS Mock Masterlist attached below for format: Mock Masterlist.xlsx
15	MCPM Core	“View History”	Link	This link must be available on top rightmost corner above the “True/Legal Name” field on Basic Information chevron When clicked it must open the ‘Version History’ pop up on Basic Information chevron showing all the changes that have occurred in the following three fields of Basic Information chevron: 1. True/Legal Name 2. Client Identifier 3. Pre-LEI/LEI The version history must capture data as explained in Req ID- 16-22 Version History pop up must be labelled as “Version History” displayed on top left corner of the pop up
16	MCPM Core-Version History pop up	“Event”	Read only column	This column must display read only information and one of the following events to be displayed: 1. “True/Legal Name Updated”- this event must be captured only when (1) First BS Signatory’s E-Signature is inserted in amendment letter AND BS RFA user had checked off the checkbox for “New True Legal Name” field on “Modification Type Selection” wizard step OR (2) when any BS MCPM user with bs.write role clicks on ‘Save’ on Basic Information chevron after editing the True/Legal Name field 2. “Client Identifier Updated”- this event must be captured only when (1) First BS Signatory’s E-Signature is inserted in amendment letter AND BS RFA user had checked off the checkbox for “New Client Identifier” field on “Modification Type Selection” wizard step OR (2) when any BS MCPM

				user with bs.write role clicks on 'Save' on Basic Information chevron after editing the Client Identifier field 3. "Client Identifier Added": this event must get captured to display when Client Identifier is added 4. "Pre-LEI/LEI Updated"- this event must be captured only when (1) First BS Signatory's E-Signature is inserted in amendment letter AND BS RFA user had checked off the checkbox for "New Pre-LEI/LEI" field on "Modification Type Selection" wizard step OR (2) when any BS MCPM user with bs.write role clicks on 'Save' on Basic Information chevron after editing the Pre-LEI/LEI Name field 5. "Pre-LEI/LEI Added"- this event must get captured to display when Pre-LEI/LEI was added
17	MCPM Core-Version History pop up	"Old Value"	Read only column	This read only column must display the last value that is being updated for any of the five events described above in Req ID 16
18	MCPM Core-Version History pop up	"New Value"	Read only column	This read only column must display the 'new' value saved for any of the five events described above in Req ID 16
19	MCPM Core-Version History pop up	"Updated By"	Read only column	This read only column must display the login ID of the user who triggered any of the five events described above in Req ID 16
20	MCPM Core-Version History pop up	"Date"	Read only column	This read only column must display the date in format DD-MMM-YYYY to show the date on which any of the five events described above in Req ID 16 occurred
21	MCPM Core-Version History pop up	"Download"	Action button	This action button when clicked must initiate download of entire version history in .xlxs file format
22	MCPM Core-Version History pop up	"Cancel"	Action button	This action button when clicked must exit the user out of the version history pop up and back to the Basic Information chevron page
23	Exhibit Editor	Exhibit Editor		ONLY BS RFA user must reach the 'Edit Linked Exhibit Editor' page when <Edit Linked Exhibit> action icon  is clicked on BS RFA Landing Page 'Edit Linked Exhibit' action icon must only be available in scenarios mentioned in BR10 **NOTE: If Party B are selected only for Removal or**

only for Modification- Fund Name Change or ONLY for Removal and Fund Name Change then exhibit is not linked and under Next Steps- 'E-Sign' is available

Following changes must be incorporated on Edit Linked Exhibit Editor in the previous implementation:

1. **If Party B are selected for both Modification- Exhibit value change and Addition** - then Edit Linked Exhibit Editor must display under Next Steps
   a. CONSOLIDATED grid i.e. display pre-populated Exhibit (column headers + cell values) only for the Party B selected for Modification- Exhibit Value Change
      No metadata for in the cells for Party Bs selected for Addition
   b. At this point of the user updates the Exhibit Template- i.e. adds column/removes column/updates column header(s)/selects or unselects the control column then following must occur:
      (i) Col added in exhibit template → column must get added on edit linked exhibit page
      (ii) Col removed from exhibit template → column must be removed from edit linked exhibit page
      (iii) Column header(s) updated in exhibit template → column header(s) must get updated in edit linked exhibit
      (iv) Control column is selected→ control column must reflect in edit linked exhibit and when metadata is saved then based on metadata Party B must be sorted an split on the metadata of the control column such that one grid has Party b(s) with that unique metadata
      (v) Control column is unchecked in exhibit template → control column must get unchecked form the edit linked exhibit also
2. **On the Edit Linked Exhibit page following action**

				buttons must NOT be available: a. **Add Column** b. **Remove Column** c. **Select Control Column** **3. After the user clicks on ‘Save’ on Exhibit Editor page, then on RFA pdf preview available on E-Sign page (when first BS Signatory E-signs) ONLY if the Control Column existed then Party B must be sorted into grids based on the control column metadata; otherwise the exhibit will be consolidated for Modification- Exhibit Value Change as well as the Addition requests**
24	SS Response Page	<Fund Name Change> Modificatio n Type	System generated grid + radio buttons + text box for comments	Only Party B/s requested for Modification Type- “Fund Name Change” must be displayed in the grid with each Party B in different rows along with the corresponding buyside comments if any was added. If no buyside comments were entered then ‘Buyside Comments’ must be displayed greyed out Refer to Figure # 8 for illustration and details on how to display This page must have radio buttons for ‘Accept’ and ‘Reject’ for each Party requested for Modification Type- “Fund Name Change” When clicked on ‘Reject’ then ‘Reason for Rejection’ comments box must be highlighted in red to show comments are mandatory ‘Reject’ response must be real-time displayed on both BS and SS after ‘Save’ is clicked on SS Response Page User must be able to click on ‘Save’ on SS Response Page even when no response is saved for one or more Party B requested for Addition/Removal/Modification For RFAs in ‘Received’ status following must occur when response is provided for Modification Type- Fund Name Change: 1. Until response is saved for all Party B requested for Addition/Removal/Addition in that amendment letter ‘Edit Response’ must be displayed under ‘Next Steps’ column and ‘View RFA Document ‘History’ + ‘Reject RFA’ + ‘Documents’ in this order under ‘Actions’ column 2. When response is saved for all Party B requested for Addition/Removal/Addition in that amendment letter then ‘E-Sign’ must be displayed under ‘Next Steps’ column and ‘Edit Response’ + ‘View RFA Document History’ + ‘Reject RFA’ + ‘Documents’ in this order under ‘Actions’ columns 3. As soon as first SS Signatory’s signature is inserted

				in amendment letter then ‘E-Sign’ must be displayed under ‘Next Steps’ column and ‘SEND RFA’ + ‘Edit Response’ + ‘View RFA Document History’ + ‘Reject RFA’ + ‘Documents’ in this order under ‘Actions’ columns
25	SS Response Page	<Exhibit Value Change> Modification Type	System generated grid + radio buttons + text box for comments	Only Party B/s requested for Modification Type- “Exhibit Value Change” must be displayed in the grid with each Party B in different rows along with the corresponding buyside comments in the ‘Buyside Comments’ text box Refer to Figure # 8 for illustration and details on how to display This page must have radio buttons for ‘Accept’ and ‘Reject’ for each Party requested for Modification Type- “Exhibit Value Change” When clicked on ‘Reject’ then ‘Reason for Rejection’ comments box must be highlighted in red to show comments are mandatory ‘Reject’ response must be real-time displayed on both BS and SS after ‘Save’ is clicked on SS Response Page User must be able to click on ‘Save’ on SS Response Page even when no response is saved for one or more Party B requested for Addition/Removal/Modification For RFAs in ‘Received’ status following must occur when response is provided for Modification Type- Fund Name Change: 1. Until response is saved for all Party B requested for Addition/Removal/Addition in that amendment letter ‘Edit Response’ must be displayed under ‘Next Steps’ column and ‘View RFA Document ‘History’ + ‘Reject RFA’ + ‘Documents’ in this order under ‘Actions’ column 2. When response is saved for all Party B requested for Addition/Removal/Addition in that amendment letter then ‘E-Sign’ must be displayed under ‘Next Steps’ column and ‘Edit Response’ + ‘View RFA Document History’ + ‘Reject RFA’ + ‘Documents’ in this order under ‘Actions’ columns 3. As soon as first SS Signatory’s signature is inserted in amendment letter then ‘E-Sign’ must be displayed under ‘Next Steps’ column and ‘SEND RFA’ + ‘Edit Response’ + ‘View RFA Document History’ + ‘Reject RFA’ + ‘Documents’ in this order under ‘Actions’ columns
26	SS RFA Landing Page	<Document Link>	Action Icon	Must ONLY be present on SS RFA Landing Page and always the last action icon under Actions column only for RFAs in any of the following statuses: 1. Received

				2. Partially Completed When clicked following must occur: 1. Application must navigate to View >> CP Document on MCPM Core 2. Only display the Party Bs requested for Addition in the grid 3. Show "🡐 Back to RFA" Quicklink on top left of the View >> CP Documents page ONLY when application navigates to this page from SS RFA Landing Page
27	MCPM-Manage >> Documents Page	"🡐 Back to RFA"	Quicklink	Must only be displayed on MCPM- View >> CP Documents page ONLY when application navigates to this page from SS RFA Landing Page When clicked application must be navigated back to SS RFA Landing Page
28	BS Letter Template Editor	"Edit Party B Modification"	Action button	This must only be present on Amendment Letter Editor page for RFA in 'Draft' status only. When  is clicked and application lands on letter editor page then along with 'Edit Party A Addition' and 'Edit Party B Removal' also display 'Edit Party B Modification' action button 1. When 'Edit Party B Modification' is clicked the application must open 'Modification Type Selection' wizard step only for this specific Party A Relation displaying all Party B/s and their previously selected Modification Type and edited values (if any) User must be able edit the Modification type for any of Party B 2. Clicking on 'Back' button whether RFA was saved via Party A or B flow application will show Party B selection step with Addition and Removal buckets greyed out so that the user may only add or remove previously selected Party B from the Modification bucket. On Party B selection step the 'Back' button must be disabled. 3. User must click 'Next' >> application must open Modification Type Selection' so that user may edit the modification type or select modification type for newly added Party B. 4. After modification is selected for all Party B on Modification Type Selection step user must click on 'Next' to reach 'Validate & Save' step and click on 'Validate & Save'. 5. Application must validate and generate error report in case of error and only 'Edit Party B Selection' must be enabled >> navigate the user back to step # 2 and user must then follow 3>>4>>5 OR If no error then application must save the changes in

				Party B Modification and navigate back to Letter Editor page 6. User must click on ‘Save’ on Letter Editor page to save the changes and navigate back to the BS RFA Landing page
29	Exhibit Template	<Column Headers in Exhibit Template>	Alphanumeric text + special characters	See attached mail for requirements RE RFA- Column Headers in Exhibit Ter