### **AUDIT Readiness Sites Lists Workflows Documentation**

Date of Last Update: 8/27/2013 5:29 PM Updated by: Tom Ingram

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# URL / Link to Affected Site: http://law/AUDIT

### **Open Issues, Hot Items:**

1. Clean up, rename as needed and save site as template for reuse

#### 2. HOT ITEMS BELOW IN RED

- 3. LOWER PRIORITY OPEN/PENDING ITEMS BELOW IN YELLOW
- 4. Items to Improve on Next Project Using this as a Baseline:
  - 4.1. Consolidate Modules and AUDIT ModuleResponseTasks to a single list IF AT ALL POSSIBLE.
  - 4.2. Permissions can be better handled with SharePoint groups and "ViewEditMyStuffOnly" custom permissions. This version handles with some hard coding and some workflows
  - 4.3. Replace the folder structure for supporting documents with a single document library. AUDIT Admin uploads the document, copies and pastes the link for the document into the task. (The current design is too error prone and too much work).

**Project Description:** AUDIT (Consumer Finance Protection Bureau) Readiness is based on 9 SharePoint Lists that duplicate the "Module" Structure of requests for information made by AUDIT. Set up site, lists, libraries, permissions and workflows as needed to complete the tasks associated with complying with these requests

One Page Outcomes Description Chart: See Attached

# **Details on Critical Outcomes**

Item	Priority	Details
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

# **List or Library Summary Documentation**

Name	Site	Purpose, Description
Modules	AUDIT Readiness	AUDIT Module Task List
AUDIT Readiness Documents	AUDIT Readiness	Supporting Document Library for AUDIT
		Readiness Project
AUDIT	AUDIT Readiness	Used to track & update AUDIT Module Task
ModulesTaskResponse Tasks		responses.
WF_UpdateItemPermissions	AUDIT Readiness	UNUSED, REMOVE???
Tasks		
AUDIT_ResponseStartReview	AUDIT Readiness	UNUSED, REMOED
Tasks		

### **Forms**

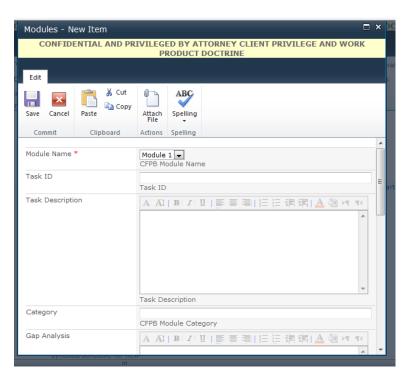
### **SPF1** New Item, Edit, Display

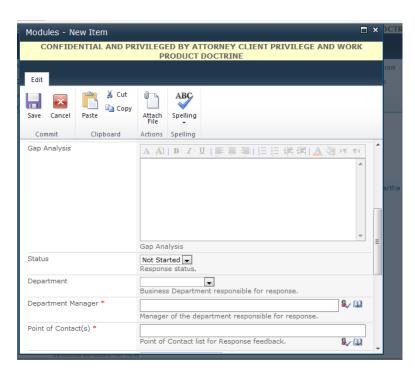
List Where Form Resides: Modules

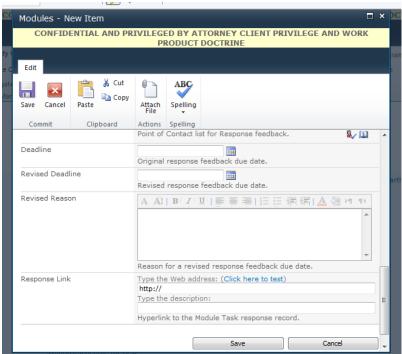
Form Name(s): New Item, Edit, Display

Form Source, Comments: Native, Default SharePoint forms

Workflow, Advanced Functions Embedded in the Form: None







### **IPF1 Module Task Response**

List Where Form Resides: AUDIT ModuleResponseTasks

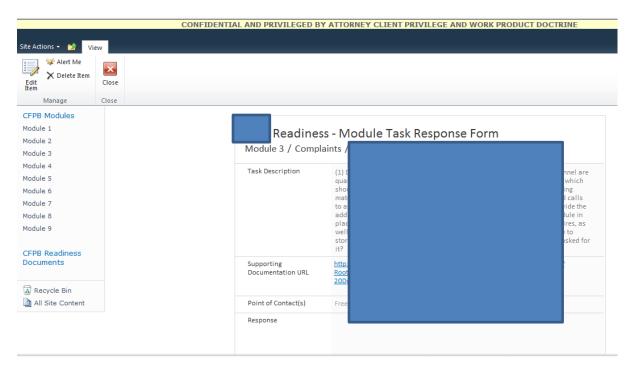
Form Name(s): Module Task Response

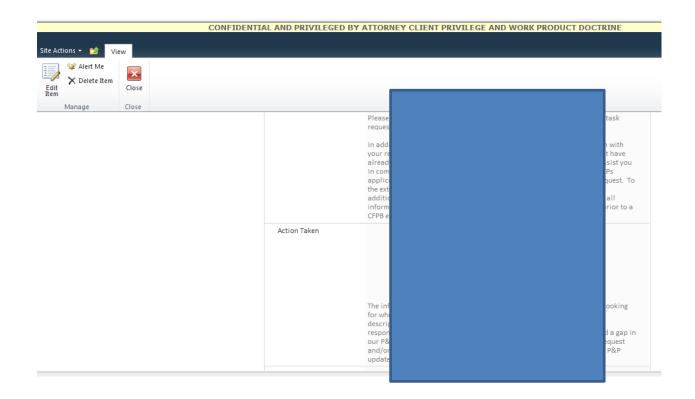
**Form Source, Comments:** This is an InfoPath form that serves as Display, Edit and New Item form for the List. It was created (and can be edited) from within Designer by clicking on Design Forms with InfoPath button.

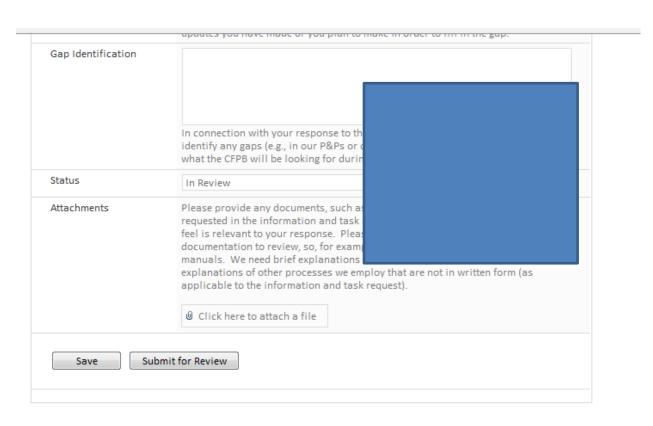
NOTE: The SYSTEM name of this form is Task. Other forms have been created for the site but are not being used. Be sure you are editing the right one.

Workflow, Advanced Functions Embedded in the Form: Multiple. See below.

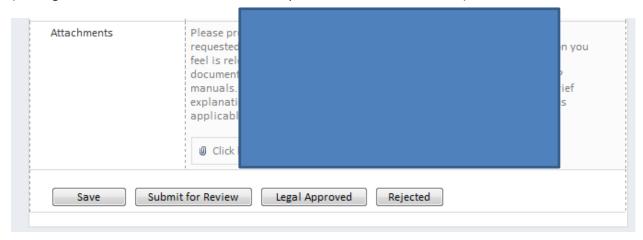
(This version of the form is called Item??? It is the default version which POC users see.)



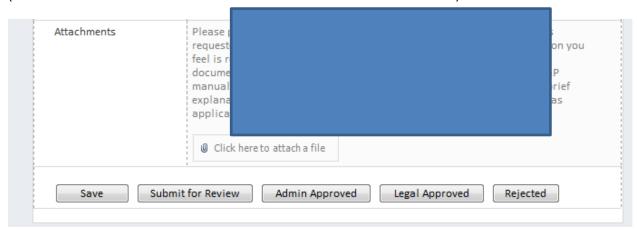




### (the Legal version of the form is the same except for the addition of buttons)



#### (the Admin version of the form is the same but adds one additional button.)



#### **Button functions:**



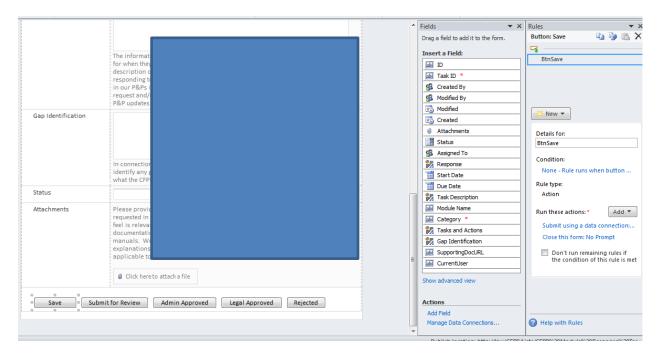
Changes Submit for Review status to Admin Approved, assigns task to CFPS Legal for approval.

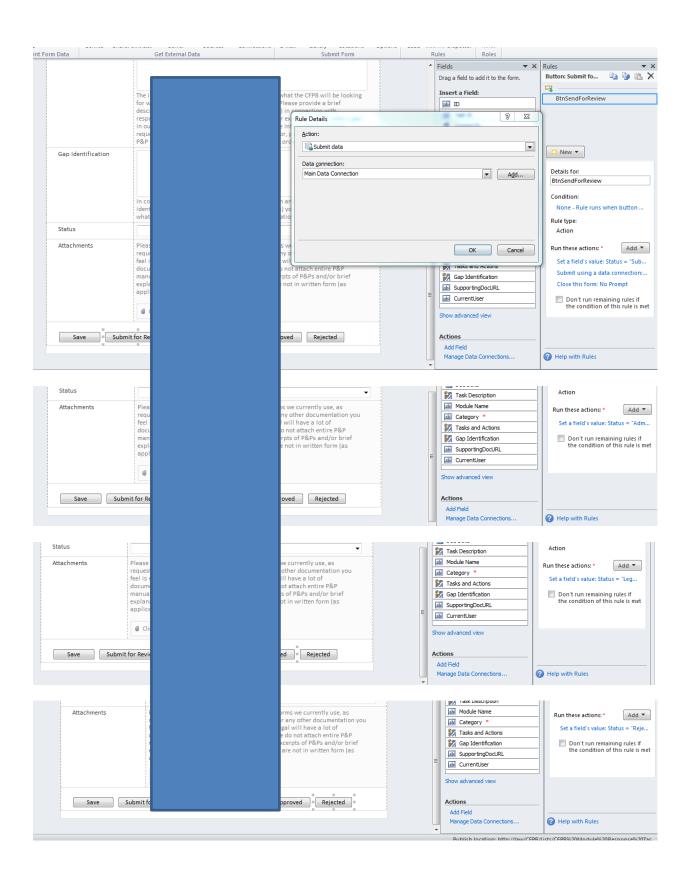


Changes status to Legal Approved. This completes the task.

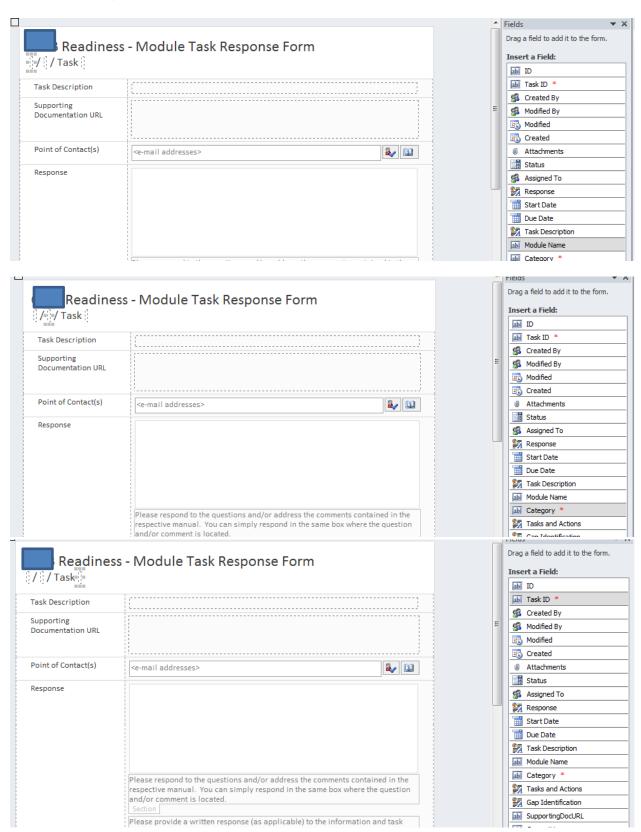


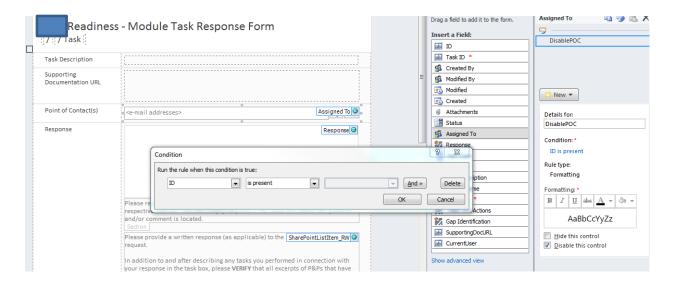
Reassigns the task to POC for further information, repeating original workflow



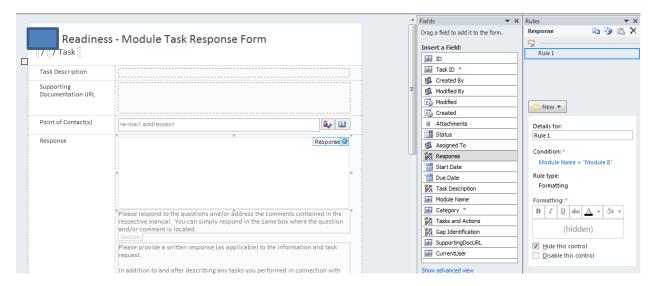


#### **Additional Form / Field Functions**

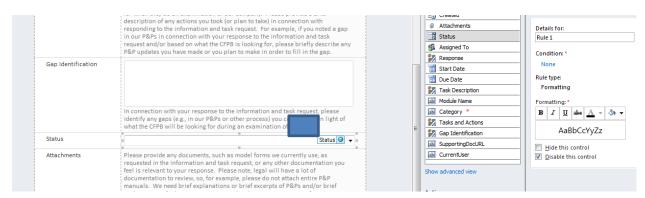




### The following item hides the Response field if Module 8

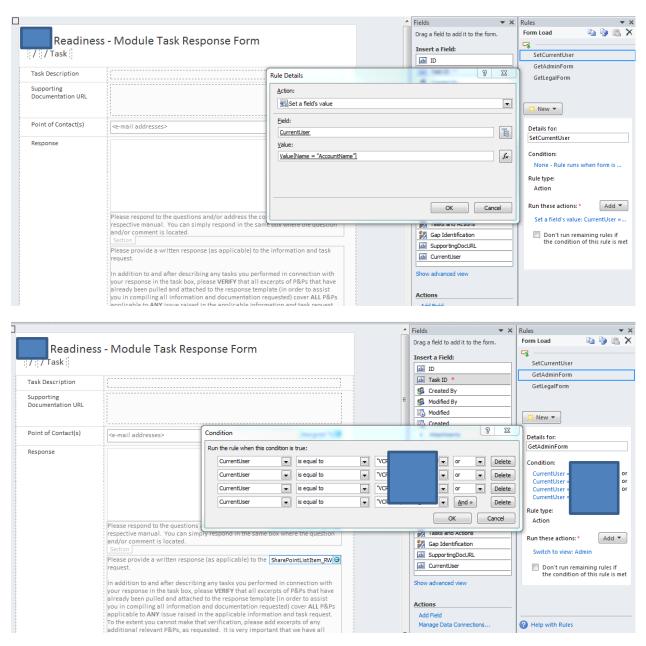


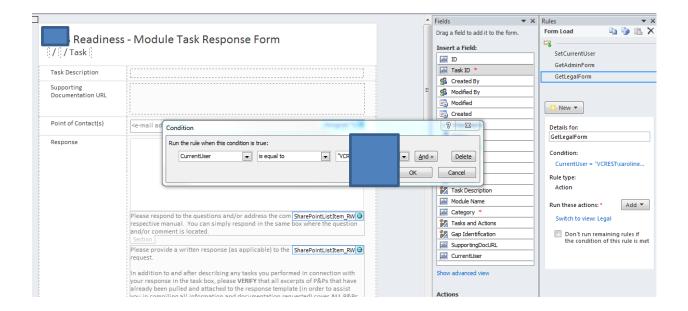
#### The Status field is disabled for normal POC users to prevent them from changing status.



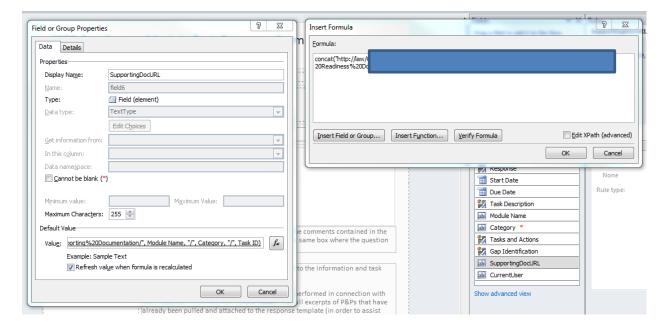
How Permissions are Controlled for Access to Buttons:

The logic to set the Current User, if a POC, present the basic Item form with no buttons. If the user is a AUDIT Admin or Legal team member, display the appropriate form with buttons.





SupportingDocURL Field: Right click on this field to show settings for how the supporting document URD is created.



# **Workflow Status, Status Change Table**

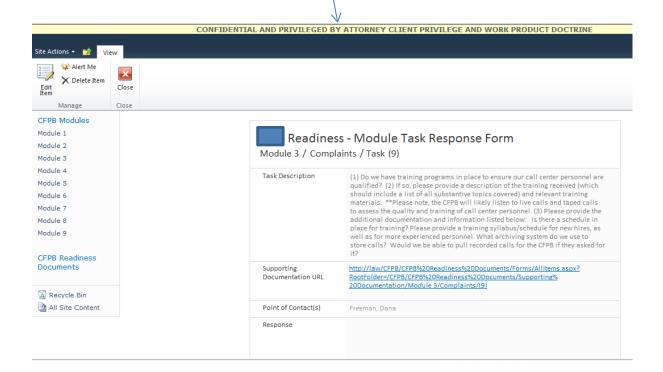
The following table describes the Status field choices (which must be kept consistent across all lists, workflows and forms)

Status Field Choices	Description, Who Changes When	
Not Started	Default setting when item created	
In Process (or In Progress???)	Set by workflow when task is assigned to POC	
Submitted for Review	Set by workflow when POC completes an item for AUDIT Team review	
Rejected Property of the Rejected Rejected	Set by workflow (button) when either Admin or Legal member of AUDIT	
	Team rejects the submission. Workflow reassigns task to POC.	
Admin Approved	Set by workflow (button) when Admin in AUDIT Team approves the	
	submission. Workflow assigns task to BOB for Legal Approval	
Legal Approved	Set by workflow (button) when BOB accepts the submission. Workflow	
	is completed.	
At Risk	Set manually by Admin in AUDIT Team as needed.	

**Archival, Document Retention, Deletion Requirements** 

### **Any Special Items, Customization**

The master page for <a href="http://law/AUDIT">http://law/AUDIT</a> has been customized by Brian Schmidt to provide the following legal language at the top of each form seen by users:



### **Workflow Summary Documentation**

NOTE: Summary documentation for workflows is included in the pages of the Swim Lane drawing for this project which can be found at <a href="http://it/SP">http://it/SP</a> Admin/Lists/SP Lists/AllItems.aspx

Detailed documentation of the workflows is located in Appendix 1 of this document.

# **Swim Lane Chart Showing Overall Workflow Function**

See embedded / attached drawing.

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# **Use / Test Cases / Test Script**

Use / Test Case 1: Task Preparation, Setup **User Performing Steps: AUDIT Team** 

Step	Description	Expected Result, Notes, Supporting info	Test Script (IMPORTANT: Run the first test as users with full control permissions, but MAKE SURE to test again with live users to confirm permissions correct).
Α	User Groups and Permissions Set Up		1. (Though not used in this case, most of the time Users and Owners will added to separate groups to handle permissions.)
В	Enter AUDIT task data into list	(Not covered in detail – work is already done) <a href="http://law/AUDIT/Lists/Module-s/Module1.aspx">http://law/AUDIT/Lists/Module-s/Module1.aspx</a>	<ul><li>2. (In Modules) Create new test task, enter multiple test users for POC(s) and one test user for department manager.</li><li>3. Set initial status to Not Started</li></ul>
C	Create sub folder in this document library so user is able to refer to reference documents. MUST MATCH the module number and category name.	Upload reference document.  IF NOT DONE CORRECTLY, user will click on link sent in email and will not get access to the reference documents. <a href="http://law/AUDIT/AUDIT%20Re">http://law/AUDIT/AUDIT%20Re</a> adiness%20Documents/Forms/  AllItems.aspx?RootFolder=%2F  AUDIT%2FAUDIT%20Readiness %20Documents%2FSupporting %20Documents%2FSupporting %20Documentation&FolderCTI D=0x012000684C442B7856144 F83B6F40D998C8F86&View={8} 04C65B6-806B-4CB4-882B-	<ul> <li>4. (In AUDIT Readiness Documents) Create folders and subfolders if needed then upload supporting document.</li> <li>5. Remember to create sub-folders by module, by category, by Task ID</li> </ul>

Use / Test Case 2: Initial Task Assignment and Notification to POC(s) and Department Managers

**User Performing Steps: AUDIT Team** 

User Permissions: Owner to Entire System (Read, Write, Create, Delete All)

А	Start workflow to notify POC(s) and Department Managers that a task is assigned.	POC(s) and Department Managers are notified by email that a task is assigned. <a href="http://law/AUDIT/Lists/Modules/Module1.aspx">http://law/AUDIT/Lists/Modules/Module1.aspx</a>	1. (In Modules) Scroll to desired task, click Task ID, click Workflows, click on workflow WF AUDIT ModulesTask Response, click Start  2. POC(s) and Department Managers and department manager receive email requesting action, status is changed to In Process.
В	If deadline not met, reminder sent to POC(s) and Department Managers, copy sent to AUDIT team		3. (In Modules) Set deadline for test task so it is past due.  Confirm notice emails sent
User	/ Test Case 3: POC(s) and Department Mana Performing Steps: POC(s) and Department I Permissions: Read, Write Only Items Assign	<b>Managers</b>	pplete Task, Enter Requested Changes
A	Click RESPONSE LINK in email to view item assigned. Click edit icon to enter response, click save to save any inputs.  To return to saved work, click RESPONSE LINK in the original email.	Workflow sends daily reminder to POC(s) and Department Managers until task is completed???	<ol> <li>(In Modules) As POC test user, click RESPONSE LINK, enter changes to test task, save, close, reopen, confirm changes saved.</li> <li>Click link for supporting documents, confirm can open read only.</li> </ol>
			3. Add an attachment, save, reopen, delete attachment, save.
В	When all items entered and finalized, click Submit for Review button to complete.	Workflow changes status in AUDIT Module Response Tasks to Submitted for Review, stops daily reminder emails to POC	<ul><li>4. (In Modules) As POC test user, edit, click Submit for Review button.</li><li>5. Confirm that AUDIT team receives email notice, (Note:</li></ul>
		and sends email alert to AUDIT Team when task is completed Changed Response form to read only on status so POC NOT ABLE TO CHANGE STATUS. AUDIT team will change status	Department Manager does not receive email).  6. Click on Task ID, confirm response is valid, confirm status changed to Submitted for Review. (CHANGE NEEDED – STATUS CURRENTLY SHOWS AS In Review

		<u></u>				
		manually when needed.	7. ???Reminder emails for past due items TURNED OFF???			
-	e / Test Case 4: CFPM Team Reviews Response, Rejects and Requests Changes from POC					
	Performing Steps: AUDIT Team					
User	Permissions: Owner to Entire System (Read	, Write, Create, Delete All)				
for review. Clicks on item number or RESPONSE LINK to review / edit item. Enter requested changes  AUDIT review		AUDIT Team may need to look up items Submitted for Review in the AUDIT Module Response Tasks list.  AUDIT Team opens an item for review by clicking on the Task ID or RESPONSE LINK	<ol> <li>(In Modules) Open test item by clicking item number of RESPONSE LINK, edit item, enter request for additional info at top of Response field, be clear who is making the request, save changes. Click Rejected Button.</li> <li>Open test item, Confirm that status is changed to Rejected. Close item.</li> <li>AUDIT Admin will receive an email showing rejection.</li> <li>AUDIT Admin clicks on RESPONSE LINK to see who POC is, opens new email to POC, copies and pastes instructions to POC from Rejection email in new email, sends email to POC.</li> </ol>			
			5. POC test user opens email, clicks on RESPONSE LINK, enters additional info, clicks Submit for Review.			
Use /	Test Case 4.5: CFPM Team Reviews Respon	se, Approves, Forwards to Legal				
User	Performing Steps: AUDIT Team					
User	Permissions: Owner to Entire System (Read	, Write, Create, Delete All)				
Α	Email is received showing task submitted for review. Clicks on item number link to review / edit item.	AUDIT Team may need to look up items Submitted for Review in the AUDIT Module Response	1. (In Modules) Open test item, confirm acceptable, click Admin Approved button.			
		Tasks list.  AUDIT Team opens an item for	2. Confirm that email is sent to Legal test user showing Admin Approved, with RESPONSE LINK.			
		review by clicking on the Task ID.	3. Confirm that Status is changed to Admin Approved			
Use /	Test Case 4.6: CFPM Team Legal Reviews It	em, Rejects and Requests More Ir	nformation or Approves (Completing the Task)			

	Performing Steps: AUDIT Team		
User	Permissions: Owner to Entire System (Read	, Write, Create, Delete All)	
Α	Email is received by Legal showing task		1. (In Modules) Legal test user opens test item by clicking
	submitted for review. Clicks on item		item number or RESPONSE LINK, edits item, enters
	number or RESPONSE LINK to review / edit		request for additional info at top of Response field, be
	item.		clear who is making the request, save changes.
			2. Click Rejected Button.
			3. Open test item, Confirm that status is changed to
			Rejected. Close item.
			4. AUDIT admin receives copy of email rejecting item,
			follows steps in Use / Test Case 4 above.
Use	/ Test Case 5: CFPM Team Reassigns Task to Dif	ferent POC(s) or Department Manage	ers
User	Performing Steps: AUDIT Team		
User	Permissions: Owner to Entire System (Read	, Write, Create, Delete All)	
Α	Change assigned to names in POC(s) or	Newly assigned POC(s) or	1. (In Modules) Test user opens item, changes
	Department Managers fields as needed	Department Managers receive	department manager, saves item, scrolls to test item, click
		email notice, proceed as in Use	Task ID, click Workflows, click on workflow
		/ Test Case 3 above.	AUDIT_ModulesTask_Response , click Start.
			2. Confirm that test department manager and POC(s)
			receive email assigning this task.
			3. Repeat this test, changing POC contacts and confirming
			that that test department manager and POC(s) receive
			email assigning this task.
Use	/ Test Case 6: Misc. Functions		
User	Performing Steps: AUDIT Team		
	Danielasiana Ormanta Futina Contana /Daniel	, Write, Create, Delete All)	
User	Permissions: Owner to Entire System (Read		
User A	To get version history for any item		1. (In Modules or AUDIT Module Response Tasks) In
	ı		(In Modules or AUDIT Module Response Tasks) In     Datasheet view, right click on the desire row, Items,

		2. In Standard View, hover cursor over Task ID, click on small black arrowhead, click Versions History
В	Check status on all action items	3. (AUDIT Module Response Tasks) MUST go to this list to get current status. Use datasheet view (CAREFUL) to locate or change
С	Print single items	4. (AUDIT Module Response Tasks) Open item and print. Confirm legible on two pages.

#### NICE TO HAVE:

- Try to have workflow update status in both lists so execs can look in one place and not be confused. Be careful on how At Risk is handled.

# **Additional Detail Needed for Some Projects**

### **Permissions and Groups**

- Need to understand special requirements such as AUDIT's need for multiple people to have permission to edit "own items only"

**Email Distribution Groups** 

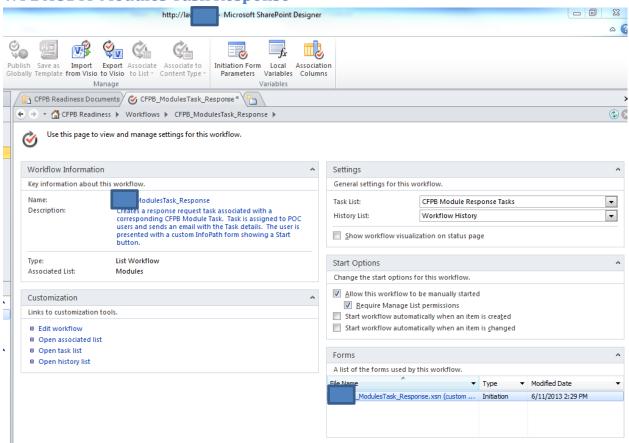
Metadata

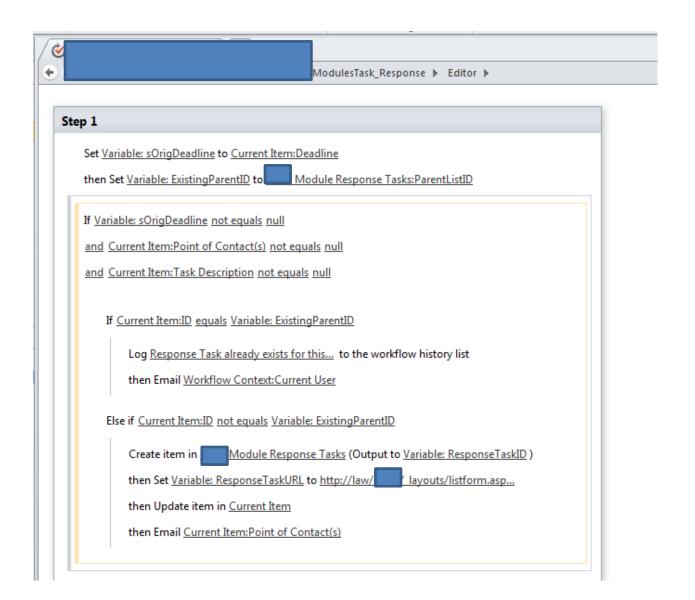
Search		
Content Types		

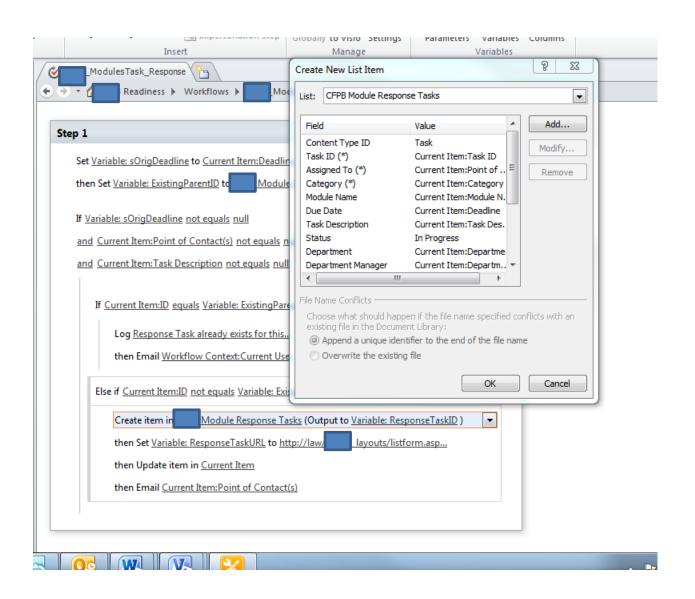
Sunsetting / Archival / Document Retention and Deletion

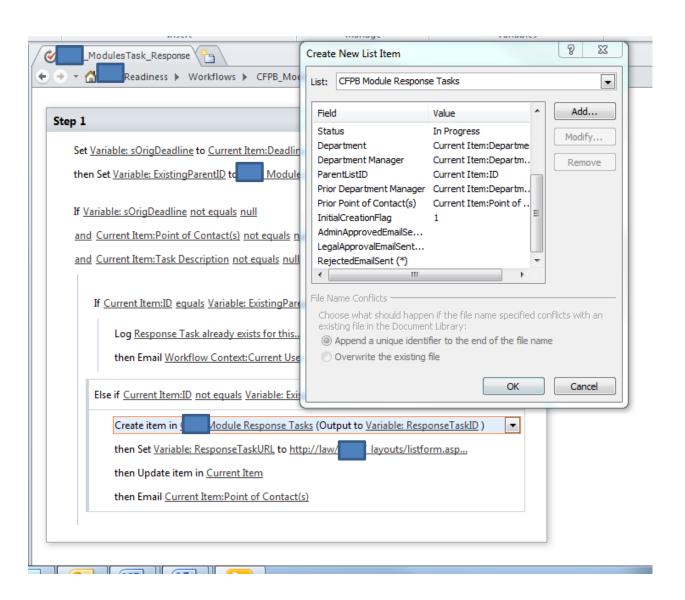
### **Appendix A: Detailed Workflow Documentation**

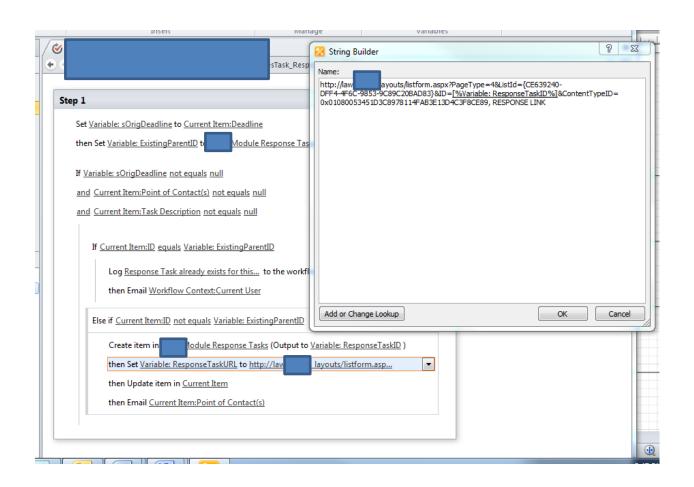
**WF1 AUDIT Modules Task Response** 

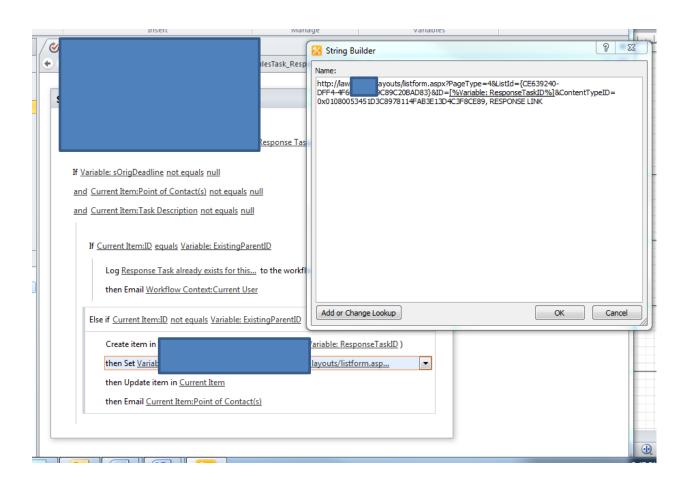


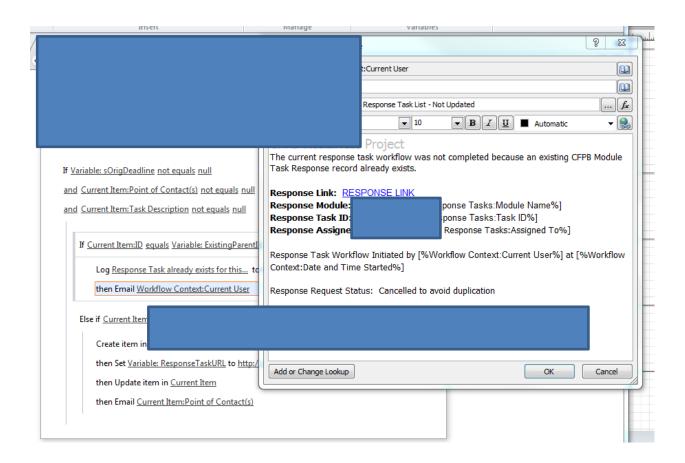


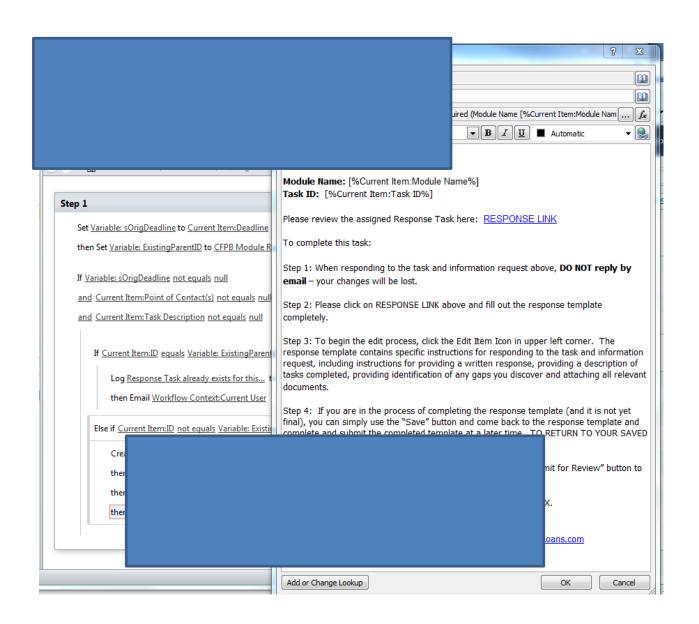


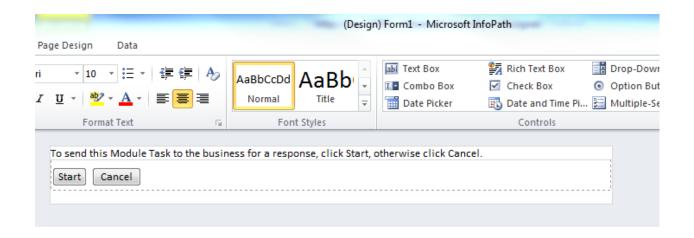




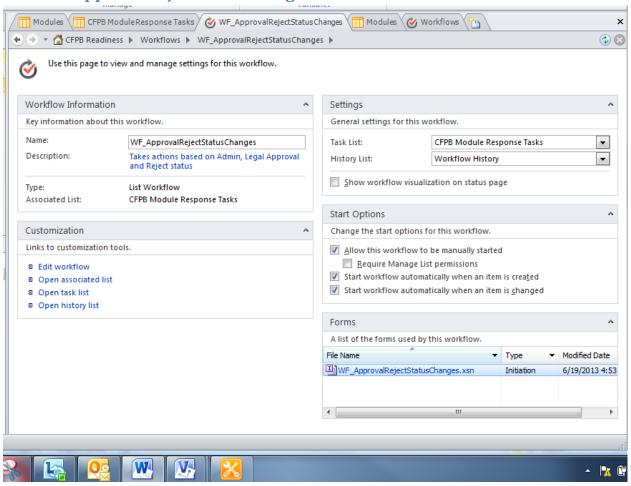








### WF2 WF ApprovalRejectStatusChanges





#### Set Variables

Set <u>Variable</u>: <u>ResponseTaskID</u> to <u>Current Item:ID</u> then Set <u>Variable</u>: <u>ResponseTaskURL</u> to <u>http://law</u>

#### If Then Statements

If Current Item:AdminApprovedEmailSent not eq

and Current Item: Status equals Admin Approved

Set AdminApprovedEmailSent to Yes

then Email

If Current Item:

and Current Ite

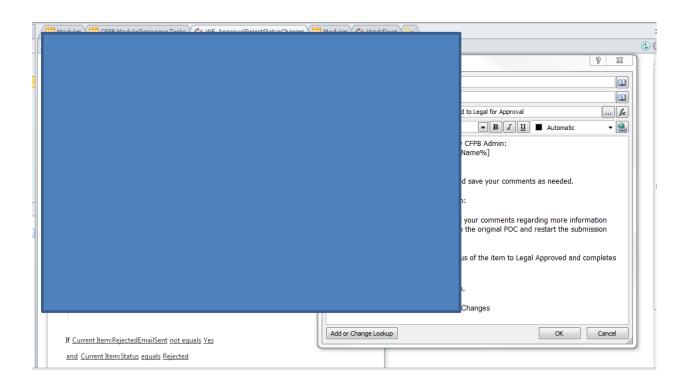
Set LegalA

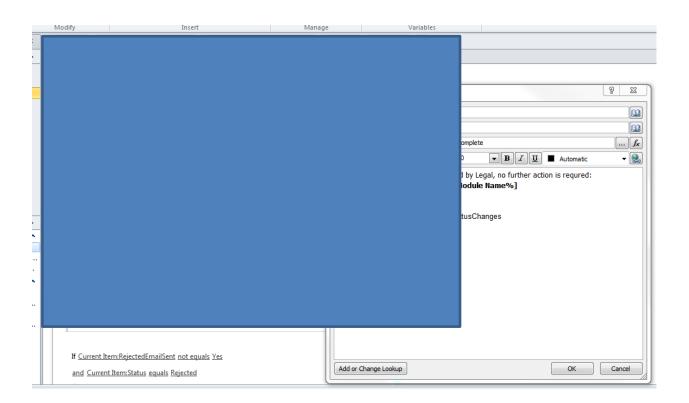
then Email

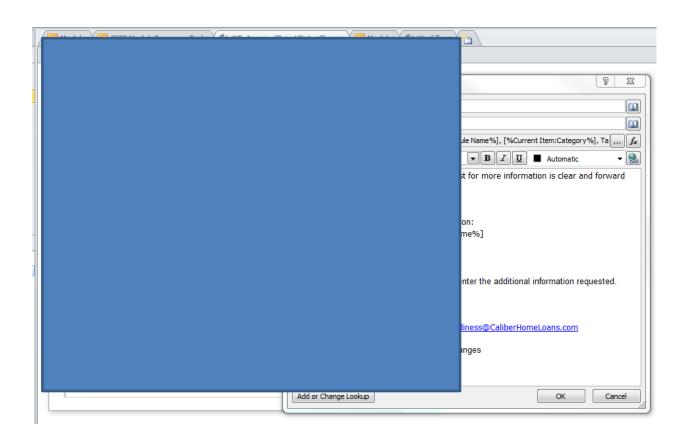
If <u>Current Item:RejectedEmailSent</u> <u>not equals</u> <u>Yes</u>

and Current Item: Status equals Rejected

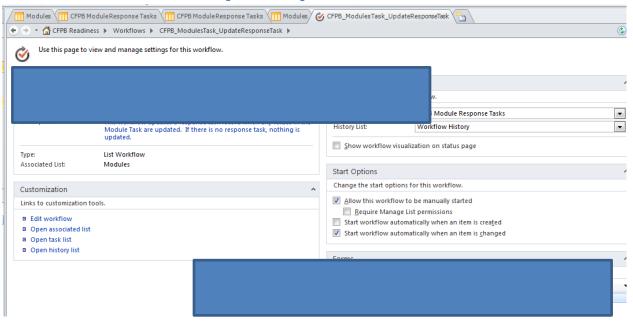
Set RejectedEmailSent to Yes

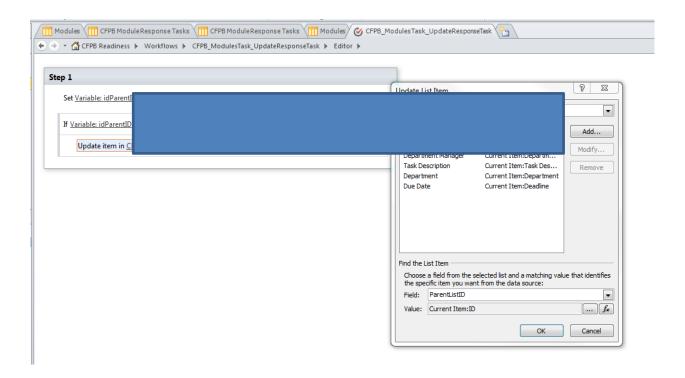






### WF3 AUDIT\_ModulesTask\_UpdateResponseTask





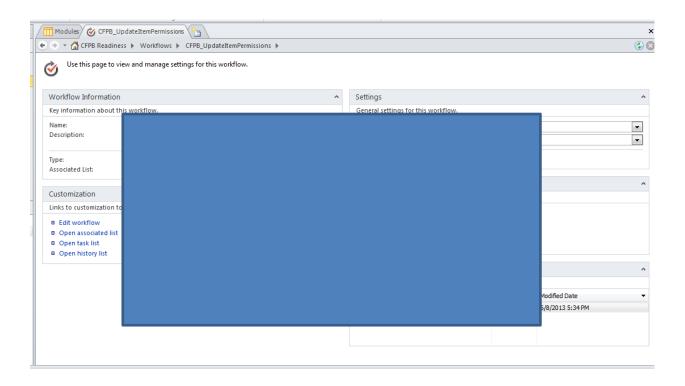
### WF4 AUDIT\_ResponseStartReview

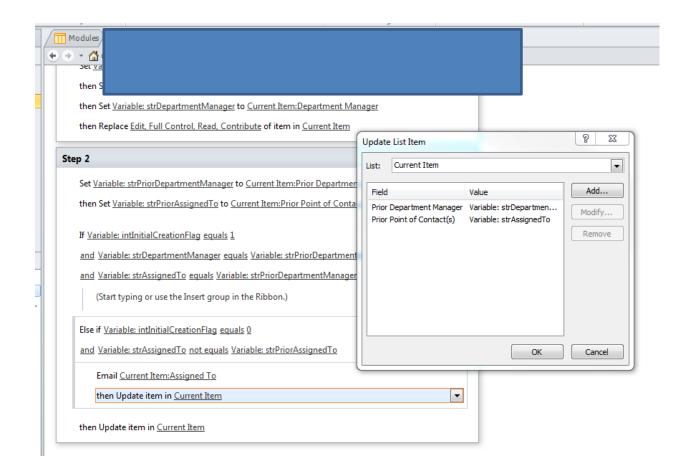
Workflow 4 CFPB\_ResponseStartReview NOTE: THIS WORKFLOW HAS BEEN DELETED BUT MAY BE RECREATED IF REQUESTED BY USER

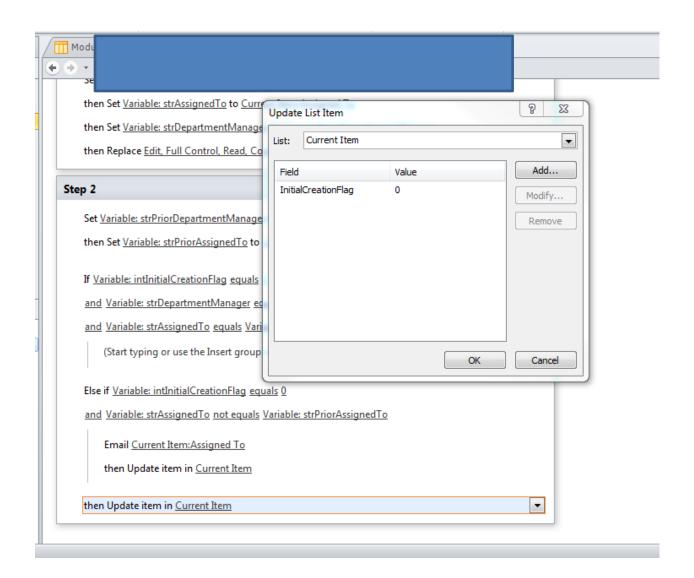
List, Li Workf

Purpose, Description, Key Issues: Intended to send daily reminder emails to POC(s). DELETED AT USER REQUEST BECAUSE TOO MANY EMAILS SENT.

# $WF5\ AUDIT\_Up date Item Permissions$







ditor ▶

### Impersonation Step

The contents of this step will run as the workflow author:

Set Variable: intInitialCreationFlag to Current Item:InitialCreationFlag

then Set Variable: strAssignedTo to Current Item: Assigned To

then Set Variable: strDepartmentManager to Current Item:Department Manager

then Replace Edit, Full Control, Read, Contribute of item in Current Item

#### Step 2

 ${\bf Set} \ \underline{{\it Variable: strPriorDepartmentManager}} \ {\bf to} \ \underline{{\it Current Item:Prior Department Manager}}$ 

 $then \ Set \ \underline{Variable: strPriorAssignedTo} \ to \ \underline{Current \ Item: Prior \ Point \ of \ Contact(s)}$ 

If Variable: intInitialCreationFlag equals 1

and Variable: strDepartmentManager equals Variable: strPriorDepartmentManager

and Variable: strAssignedTo equals Variable: strPriorDepartmentManager

(Start typing or use the Insert group in the Ribbon.)

Else if Variable: intInitialCreationFlag equals 0

 $\underline{and} \ \ \underline{Variable: strAssignedTo} \ \underline{not\ equals}\ \underline{Variable: strPriorAssignedTo}$ 

Email Current Item: Assigned To

