



Regional and National Outage Boards

Version 5

eNAMS Reference Guide

Table of Contents

1) Regional Outage Board

2) National Outage Board

3) Filtering the Lists

Appendix A

Appendix B

Regional Outage Board

Regional Outage Board - View

- The Regional Outage Board (ROB) in eNAMS is intended to serve the same purpose, and therefore replace, the ROB from the LiFT Access Database
- The ROB is a list of all outages in status 'With SO', and is intended for use by Outage Planning Engineers to track progress of Outages waiting for SO approval. It was designed for Medium and Long Term planning use, but could be used in any required timescale.
- The ROB can be accessed via the **ROB / NOB** tab in the eNAMS toolbar



- Alternatively, the ROB item for an individual outage can be accessed directly from an Outage on the **Related** tab and navigating to the **LIFT Details** field

Regional Outage Board – Edit (1/3)

- A ROB item is automatically created when an Outage is submitted to **With SO** status
- Outages cannot be manually added or removed from the ROB. They are automatically added when they are set to **With SO**, and automatically removed once the outages progresses away from this status.
- One way of editing a ROB item is to click on the dropdown arrow on the right hand column on the ROB page, then click **Edit**
- This will load a page to edit the ROB item
- Each ROB item has a reference number assigned that starts with “LIFT”, and is automatically generated.

io...	ROB Timestamp	
	18/02/2021 08:46	▼
	19/05/2021 09:15	▼
	24/05/2021 22:08	▼
	04/06/2021 10:39	▼
	08/06/2021 15:02	▼
	20/06/2021 21:18	▼
	07/06/2021 11:...	▼
	06/04/2021 09:...	▼



Edit LIFT-00001552

ROB Details

Assign To: Search People...
Regional Status: --None--
National Status: --None--
User Status: --None--
TO Status: --None--
Medium Term:

ROB Timestamp: 20/06/2021 21:18
Removed from ROB Timestamp
Regional Comments
Is Active:
Year Ahead:

Outage Details

Outage: ON-0012222
Status: With SO
Outage Description: INDIAN QUEENS 400/132KV SGT4 AND CAP BANK 4
Outage Number: ON-0012222
Change Type: Planned
ERTS Summary
OnCom

System Information

Created By: Nathanael Sims NGET OP, 20/06/2021 21:18
LIFT Detail Name: LIFT-00001552
Last Modified By: Nathanael Sims NGET OP, 20/06/2021 21:18

Buttons: Cancel, Save & New, Save

Regional Outage Board – Edit (2/3)

- Name of Outage Planner assessing the Outage
- Options are: 1) Awaiting Assessment, 2) Under Assessment, 3) Agreed, 4) Rejected
- Options are: 1) Rejected, 2) Awaiting Assessment, 3) Under Assessment, 4) Agreed Subject to CSG, 5) Agreed – Sign it in, 6) Removed 7) Not Required
- Options are: 1) Not Reqd (*i.e. Not Required*), 2) Unaware, 3) Agreed, 4) Rejected, 5) With Customer
- Options are: 1) More Information Required, 2) Waiting for Updates to Related Outage, 3) All information received, 4) N/A, 5) Waiting for NAP paper from TO, 6) NAP paper received

ROB Details

Assign To: Search People...
Regional Status: --None--
National Status: --None--
User Status: --None--
TO Status: --None--
Medium Term:
ROB Timestamp: 20/06/2021 10:18
Removed from ROB Timestamp
Regional Comments
Is Active:
Year Ahead:

Outage Details

Outage: ON-0012222
Outage Number: ON-0012222
Status: With SO
Change Type: Planned
Outage Description: INDIAN QUEENS 400/132KV SGT4 AND CAP BANK 4
ERTS Summary: OnCom

System Information

Created By: Nathanael Sims NGET OP, 20/06/2021 10:18
Last Modified By: Nathanael Sims NGET OP, 20/06/2021 10:18
LIFT Detail Name: LIFT-00001552

Buttons: Cancel, Save & New, Save

Comments can be added by the Outage Planner to provide any supplementary information

- After populating all necessary fields, click **Save** to update the ROB item

Regional Outage Board – Edit (3/3)

- The various status fields and comments can also be updated in line, per Outage (see screenshot on the right). Use the **Save** button to commit changes before navigating from the page (Save button appears once a field has been edited).
- The National Status column is auto-populated and picked from the NOB, if the Outage has a corresponding NOB entry.

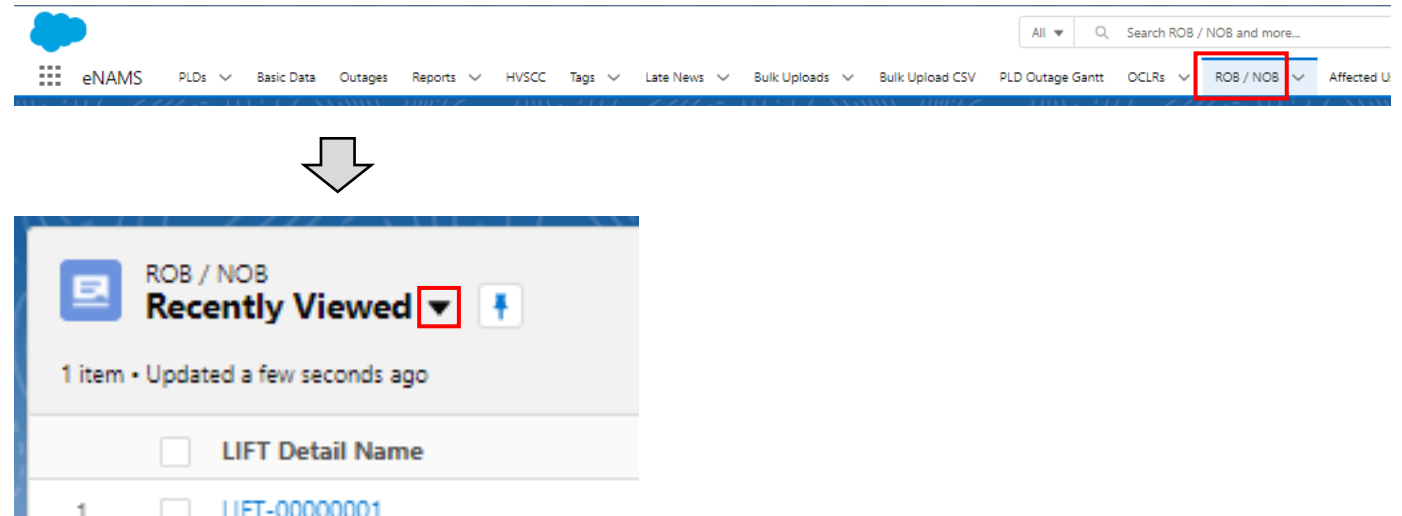
The screenshot displays the 'Regional Outage Board' interface for editing. The top navigation bar includes 'eNAMS' and various menu items like 'ROB / NOB', 'PLDs', 'Basic Data', 'Outages', 'Reports', 'HVSCC', 'Tags', 'Late News', 'Bulk Uploads', 'Bulk Upload CSV', 'PLD Outage Gantt', and 'More'. A search bar is present with the text 'Search ROB / NOB and more...'. The main content area shows a table of 19 items, sorted by Priority. The table columns include Priority, LIF..., Outage, Outage Description, Planne..., Planne..., ERTS..., Regional Comments, Assig..., TO St..., User..., and Re... The 'Regional Comments' column for the second row (row 14) is highlighted in yellow and contains the text 'test comment...' with a pencil icon. At the bottom of the interface, there are 'Cancel' and 'Save' buttons, with the 'Save' button highlighted in blue.

Priority	LIF...	Outage	Outage Description	Planne...	Planne...	ERTS...	Regional Comments	Assig...	TO St...	User ...	Re...
P2-High	LIF...	ON-0011952	WALTHAM CROSS 1 275KV CIRCUIT. BRIMSDOWN SGT1, TOTTENHAM MC...	16	20	OnCo...					
P2-High	LIF...	ON-0011953	BRAMLEY - FLEET 1 400KV CCT, FLEET 400KV PART MESH CORNER 3 BETWEEN X326 AND X328			18 H...	test comment...				
P2-High	LIF...	ON-0012021	CARRINGTON - DAINES 1 FIRST INTERTRIPPING CARRINGTON - DAINES			2 Ho...					
P3-Medi...	LIF...	ON-0009384	Beauly - Fasnakyle 275kV (BN1)			2 Ho...					
P3-Medi...	LIF...	ON-0010854	BRIMSDOWN - TOTTENHAM - WALTHAM CROSS 1 275KV CIRCUIT. BRIMSDOWN SGT1, TOTTENHAM MC...			OnCo...					
P3-Medi...	LIF...	ON-0011131	DRAX 400 kV Main Busbar 1			OnCo...					
			BRAMI FY - FI FFT 1 400KV CCT, FI FFT								

National Outage Board

National Outage Board - View

- The National Outage Board (NOB) in eNAMS is intended to serve the same purpose, and therefore replace, the NOB from the LiFT Access Database
- The NOB can be accessed by clicking the **ROB / NOB** tab in the eNAMS toolbar
- Next, click on the down arrow against **Recently Viewed** and scroll down to find two pre-defined list views:
 - 1) ****NOB – E&W****
 - 2) ****NOB – Scotland****
- Select the E&W or Scotland option.
- Alternatively, a NOB item (once created) can be accessed directly from an Outage on the **Related** tab and navigating to the **LIFT Details** section.

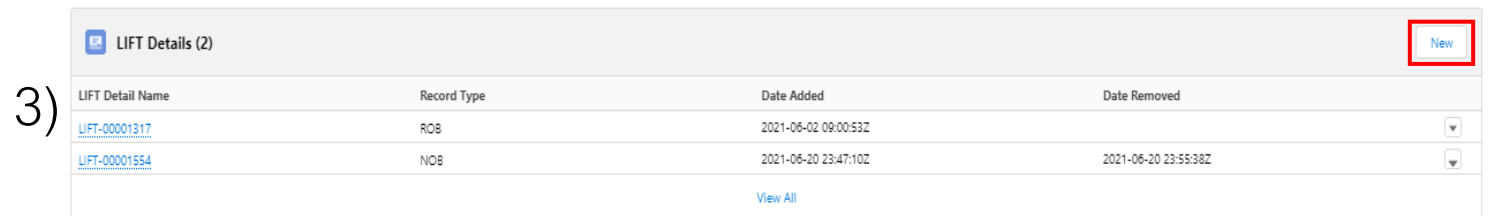
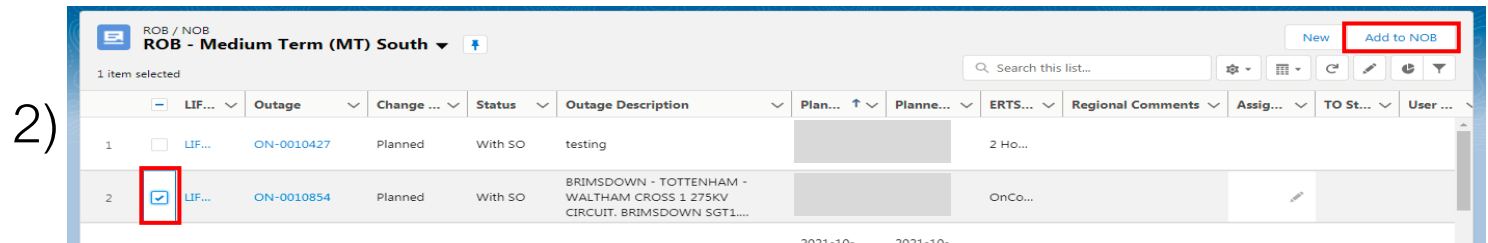
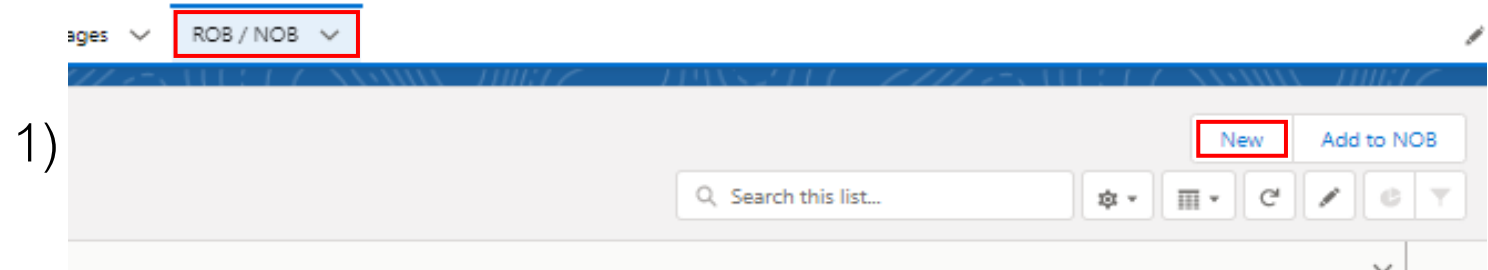


National Outage Board – Create (1/3)

- A NOB item is not automatically created unlike a ROB item.
- There are three ways of creating a NOB item:

- 1) From the **ROB / NOB** page, click on **New** in the top right hand corner of the page
- 2) On a ROB item, select the **check box** on the far left hand column then click **Add to NOB** (button situated in the top right hand corner of the page).
- 3) Go to **LIFT Details** section of an Outage and click on the **New** button

- Each NOB item has a reference number assigned that starts with “LIFT” which is automatically generated



National Outage Board – Create (2/3)

- When adding a New NOB item, from the **New ROB / NOB: NOB** page, enter the requisite details including the relevant Outage ON number
- Additionally, ensure the **CSG Status** field is correctly set (should be changed to --None-- for a new request). The field is set to Not Required by default.

Note: a duplicate NOB item cannot be created with the same CSG Status, even if a NOB item has been Removed

The screenshot shows a web form titled "New ROB / NOB: NOB". The form contains several fields and sections:

- POE Assigned:** A search box with the placeholder "Search People..." and a magnifying glass icon.
- Removed:** A checkbox that is currently unchecked.
- CSG Status:** A dropdown menu with the selected value "--None--". This field is highlighted with a red box.
- Outage Planning Comments:** A text area containing the text "Please assess for these new dates. Previous dates were agreed by CSG and cost was sanctioned." This field is highlighted with a red box.
- Outage Details:** A section containing a field for the Outage number, which is "ON-0011489". This field is highlighted with a red box.
- LIFT Detail Name:** A field below the Outage number.
- Buttons:** At the bottom right, there are three buttons: "Cancel", "Save & New", and "Save".

National Outage Board – Create (3/3)

- eNAMS will calculate which timescales need to assess each entry on the NOB based on the proposed dates, and this will update as each Engineer assesses and provides Approval / Rejection. This is shown in the **To Assess** column.

Priority	LIFT	Outage	Outage Description	Plann...	Plann...	ERTS	To Assess	POE	National...	CSG Status
P1-Very ...	LIFT-0...	ON-0...	n/a n/a			5 Hou...	POE		Awaiting ...	Not Required
P2-High	LIFT-0...	ON-0...	n/a UAT Test 1			5 Min...			Agreed - ...	Not Required
P2-High	LIFT-0...	ON-0...	ABERTHAW 275KV MAIN BUSBAR SECTION 1			3 Hou...	POE	Chand...	Awaiting ...	Not Required
P2-High	LIFT-0...	ON-0...	testing			2 Hou...	POE, YA	Chand...	Awaiting ...	Not Required
P2-High	LIFT-0...	ON-0...	BRIMSDOWN - TOTTENHAM - WALTHAM CROSS 1 275KV ...			OnCom	POE		Awaiting ...	Not Required
P3-Medi...	LIFT-0...	ON-0...	BRIMSDOWN - TOTTENHAM - WALTHAM CROSS 1 275KV ...			OnCom	POE		Awaiting ...	Not Required

- The overall National status is auto-created based on the combination of individual assessment results (see Appendix A table).
- The defined timescales in To Assess are DA / WA / 2WA / POE / YA
- There is no defined weekend (WE) timescale due to limitations in design
- To manage this at the WA stage, if an Outage requires assessment by both WA & WE engineers, the first National to agree the Outage shall add a National Comment to the effect of “Agreed” and set Assessment Status to “Under Assessment”.
- The second National to agree will add a comment to the same effect and then update the Assessment Status to an Agreed status.

New NOB Assessment Detail

Information

NOB Assessment Detail Name: [] *NOB Record: LIFT-00002029

*Assessment Status: Under Assessment

*Assessed By: WA

*National Comments: WA: No issues

Buttons: Cancel, Save & New, Save

First WA/WE National



Edit NAD-00000048

NOB Assessment Detail Name: NAD-00000048 NOB Record: LIFT-00002029

*Assessment Status: Agreed - Sign it in

*Assessed By: WA

*National Comments: WA: No issues; WE: No issues

System Information

Created By: Nathanael Sims, 28/08/2021 13:45 Last Modified By: Nathanael Sims, 28/08/2021 13:45

Buttons: Cancel, Save & New, Save

Second WA/WE National

Updating NOB Assessment Status

- When a National engineer has completed assessment of a given timescale for an outage, the assessment details can be updated. First, select the **LIFT** number to open the NOB record, then go to the **Related** tab.
- On the **Related** tab, **NOB Assessment Details** are listed, and a new entry can be added using the **New** button
- On the resulting screen, populate the timeframe in the **Assessed By** and the **Assessment Status** fields, then enter any comments. Do not change the **NOB Record** field.
- Details of previous assessments on this outage can be seen by clicking on the individual entry in the **NOB Assessment Details** list.

19 items • Sorted by Planned Start Date • Filtered by All rob / nob - 4 more filters applied • Updated a few seconds ago

	<input type="checkbox"/> LIF...	Outage	Change ...	Status	Outage Description	Plan... ↑	Plai
1	<input type="checkbox"/> LIF...	ON-0010427	Planned	With SO	testing	2021-08-03	20201
2	<input type="checkbox"/> LIF...	ON-0010854	Planned	With SO	BRIMSDOWN - TOTTENHAM - WALTHAM CROSS 1 275KV CIRCUIT. BRIMSDOWN SGT1....	2021-09-27	20225
3	<input type="checkbox"/> LIF...	ON-0011732	Planned	With SO	DNTEST1	2021-10-04	20208



Details **Related**

NOB Assessment Details (1) New

NOB Assessment Detail Name	Assessed By	Start Date	End Date
NAD-00000034	YA	02/04/2022	01/04/2023

[View All](#)



Information

NOB Assessment Detail Name

*NOB Record
LIFT-00000801

* Assessment Status
Agreed - Sign it in

* Assessed By
WA

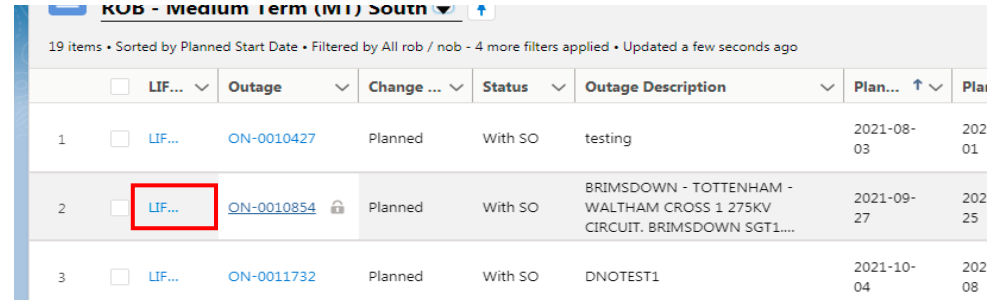
Start Date

End Date

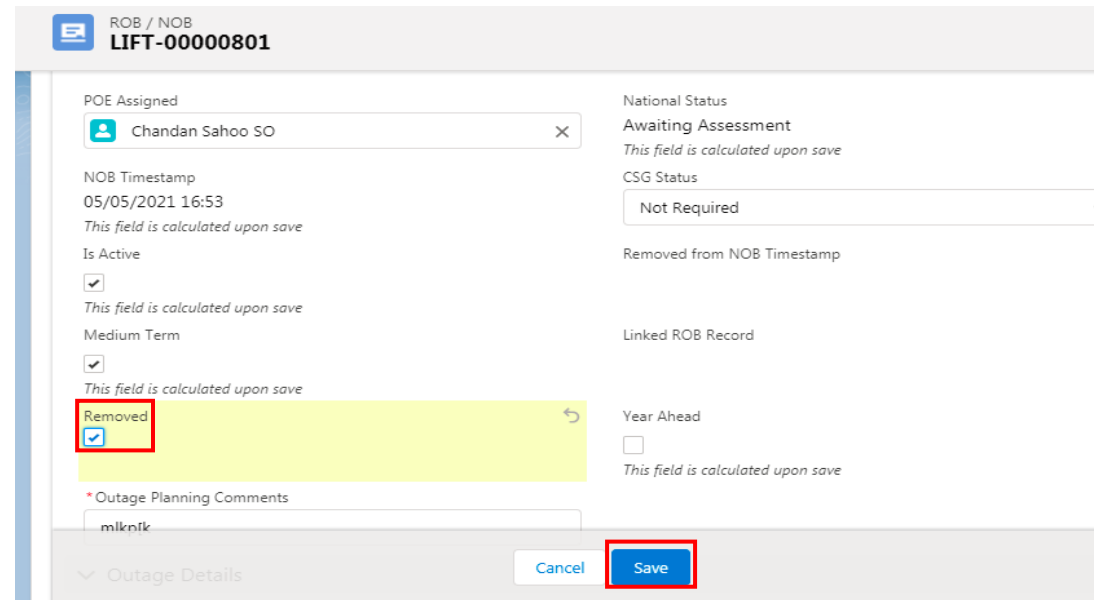
* National Comments
no issues - can be signed it

Removing an Outage from the NOB

- Once assessment is complete, an Outage will remain on the NOB until the NOB entry is manually removed.
- To remove an outage from the NOB, first open the LIFT record details.
- From the LIFT details page, edit the **Removed** checkbox to be ticked.
- Press **Save**, and the record will no longer appear on the NOB list.



	<input type="checkbox"/> LIF...	Outage	Change ...	Status	Outage Description	Plan...	Pla
1	<input type="checkbox"/> LIF...	ON-0010427		Planned	With SO	testing	2021-08-03 20201
2	<input type="checkbox"/> LIF...	ON-0010854		Planned	With SO	BRIMSDOWN - TOTTENHAM - WALTHAM CROSS 1 275KV CIRCUIT. BRIMSDOWN SGT1....	2021-09-27 20225
3	<input type="checkbox"/> LIF...	ON-0011732		Planned	With SO	DNOTEST1	2021-10-04 20208



ROB / NOB
LIFT-0000801

POE Assigned
Chandan Sahoo SO

National Status
Awaiting Assessment
This field is calculated upon save

NOB Timestamp
05/05/2021 16:53
This field is calculated upon save

CSG Status
Not Required

Is Active

This field is calculated upon save

Removed from NOB Timestamp

Medium Term

This field is calculated upon save

Removed

Linked ROB Record

Year Ahead

This field is calculated upon save

* Outage Planning Comments
mlknik

Cancel Save

Filtering the Lists

Filtering the Lists (1/2)

- General ROB / NOB list views have been created which comprise the following:
 - 1) ****NOB – E&W****
 - 2) ****NOB – Scotland****
 - 3) ****ROB – All****
- Additional list views (i.e. Regional and timescale filters) can be manually created and stored locally by users.
- To clone and edit a pre-defined list view, click on the **settings icon**, and select **Clone**. Then name your new list view and click **Save**.
- Once cloned, open the filters list and click **Add Filter**.
- To filter by North / South / Scotland, for example, select **Field** and choose ESO Parties, **Operator** contains, and enter the relevant Tag in **Value**. The relevant Tag to enter in the **Value** field can be found in the *Outages Guide – eNAMS*

The image illustrates the process of cloning and filtering a list view in the eNAMS system. It consists of four main screenshots showing the user interface steps:

- Initial View:** The user is in the 'ROB / NOB' section. The 'ROB - Medium Term (MT)' list view is selected. A settings icon (gear) is highlighted with a red box.
- Cloning:** The user clicks the settings icon, and the 'Clone List View' dialog box appears. The 'Clone' option in the 'LIST VIEW CONTROLS' menu is highlighted with a red box.
- Cloning Confirmation:** The 'Clone List View' dialog box is shown with the 'List Name' field containing 'Copy of ROB - Medium Term (MT)'. The 'Save' button is highlighted with a red box.
- Filtering:** The user opens the filters list. The 'Filter by Owner' is set to 'All rob / nob'. A list of filters is shown, including 'Record Type equals ROB', 'Status equals With SO', 'ESO Parties contains PLNTH', 'ESO Parties contains CTRNORTH', and 'Removed equals False'. The 'Add Filter' button is highlighted with a red box.
- Filter Configuration:** The user configures a filter. The 'Field' dropdown is set to 'ESO Parties', the 'Operator' dropdown is set to 'contains', and the 'Value' field contains 'PLNTH'. The 'Done' button is highlighted with a red box.

Filtering the Lists (2/2)

- To filter by timescale, populate the “Planned Startdate” and “Planned EndDate” filters with the dates of your timescale.
- To see everything passing through & starting in your week ensure you set the following logic:

Field	Planned Startdate	Planned EndDate
Operator	less or equal	greater or equal
Value	*last day of your timescale*	*first day of your timescale*
Filter Logic	AND	

Appendices

Appendix A – National Status Logic

The National Status on the NOB will reflect the combination of the NOB Assessment Statuses. See the table below for how the National Status is derived.

If...	National Status is...
NOB Assessment Statuses are ALL “Not Required”	“Not Required”
NOB Assessment Statuses are ALL “Agreed – Sign it in”, or ALL “Agreed – Sign it in” & “Not Required”	“Agreed – Sign it in”
NOB Assessment Statuses are ALL “Agreed – Sign it in” / “Agreed Subject to CSG”, or ALL “Agreed – Sign it in” / “Agreed Subject to CSG” & “Not Required”	“Agreed Subject to CSG”
ANY NOB Assessment Statuses are “Rejected”	“Rejected”
ANY NOB Assessment Statuses are “Under Assessment”	“Under Assessment”
Any other combination / No NOB Assessment Details	“Awaiting Assessment”

Appendix B - Known Defects and Items for Future Development

There are some outstanding defects with ROB / NOB in eNAMS which have been reported and will be addressed as items on the backlog:

- 1) Need to add a CSG Status field to ROB that links to the NOB, in the same way the National Status field does
- 2) If Removed is unticked on a Removed NOB item, the Date Removed timestamp remains as it cannot be deleted. Therefore, it should either be removable, or it shouldn't be possible to untick Removed against a NOB item
- 3) As highlighted in Slide 12, Weekend (WE) is not currently a defined timescale in NOB. The WE timescale will be included in the NOB in the future.