EDNAR DMS Integration Specification

CMD-F

EDNAR Project

Document Control

|  |  |
| --- | --- |
| CR / Project Number: | IM/002240 |
| Version No: | 1.1 |
| Created On: | 17th October 2018 |
| Last Updated: | 1st November 2018 |
| Status: | Final |
| Author/s: | Liz Ryan |

Reviewer Identification

Each stake holder must sign of on the final version before approval to continue can be granted. If the approval is via email the email should be inserted in the signature field.

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Document Purpose

The purpose of this document is to describe the functional requirements for the integration between EDNAR and PowerOn Fusion, the Distribution Management System. This document will be used by the SCADA and EDNAR project teams to build and test the integration.

Methodology

**P**lanning **O**ur **I**mplementations for **N**ew **T**echnology (POINT)

The IT POINT Methodology is a tailored version of PRINCE2 project methodology. POINT Methodology reflects our operational business approach and provides a process that can be applied to all IT projects. The “Functional Specifications” is part of the “Controlling and Managing Delivery- Design” stage.

Further information on the POINT Methodology can be found on myConnect (internal Intranet site):

[Home → Projects & Initiatives → Project Methodologies → IT Project Management](http://myconnect/Projects_and_Initiatives/Project_Centre/IT_Project_Management/Pages/default.aspx)

Related Documents

|  |  |  |
| --- | --- | --- |
| Document | Filename | Input/Output/Reference |
| EDNAR Functional Business Requirements | EDNAR Functional Business Requirements V0.1.xls | Input |
| GE PowerOn Fusion Interface Guide: NM S SOAP Interface | NMS SOAP interfaces 522.3.pdf | Input |
| GE PowerOn Fusion Administration Guide: SOAP Interface Architecture | SOAP interface architecture 520.pdf | Input |
| GE PowerOn Fusion Administration Guide: SOAP Interface Configuration Release v5 | Soap interface configuration 522.pdf | Reference |
| EDNAR Interface Specification | [\\Corp\IT\MKT\INTER-DEPT\BIP\IT](file:///\\Corp\IT\MKT\INTER-DEPT\BIP\IT) Projects - 2018\EDNAR\04 Controlling and Managing Delivery\11 Integration\02 ednar\_interface\_documentation | Reference |
| SRR and Work Package Manager integration v0.5 | WPM-SRR Integration 3.10.doc | Reference |

The latest versions of the above documents are stored in the following EDNAR Project LAN location:

G:[\MKT\INTER-DEPT\BIP\IT Projects - 2018\EDNAR\04 Controlling and Managing Delivery\11 Integration\01 DMS Interface](G:\\MKT\\INTER-DEPT\\BIP\\IT Projects - 2018\\EDNAR\\04 Controlling and Managing Delivery\\11 Integration\\01 DMS Interface)

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# Overview

## Overview

The following integrations between EDNAR and PowerOn Fusion, the Distribution Management System (DMS), are required to meet the EDNAR business requirements:

* An inbound interface from EDNAR to the DMS Work Package Manager module to trigger the creation of DMS Switching Schedules and population of EDNAR data to the associated Switching Schedule Header fields
* An outbound interface from the DMS Work Package Manager Module to EDNAR to provide Switching Schedule status updates and job reference numbers to EDNAR
* An inbound interface from EDNAR to DMS to make the NAR custom pdf automatically available from a link in the Switching Schedule
* EDNAR needs to be able to read data from the DMS database to create and render the latest version of the Switching Schedule (via a link)

## System Context Diagram

Figure 1 below depicts the various integrations that are required between EDNAR and the DMS.



Figure 1

### Releases

The delivery of the integration has been split across the two EDNAR Releases as follows[[1]](#footnote-1):

| **Integration** | **Release** | **Comment** |
| --- | --- | --- |
| EDNAR custom pdf | Release 1 | Required for System Control to easily access NAR’s for basic REFCL jobs |
| Create Schedule | Release 1 | Automatically creates schedule in DMS |
| Work Package Created | Release 1 | DMS provides J number to EDNAR |
| Schedule pdf via EDNAR | Release 1 | Users are able to access schedule via EDNAR.  It would be preferable if this could be delivered in Release 1 as otherwise the Planners will need to email the final version of the switching instructions to the Work Party for Basic REFCL jobs as DMS access is very limited. |
| Update Schedule | Release 2 | Allows changes in header data to be updated from EDNAR to DMS.  Release 1 – data in the DMS schedule header fields could get out of synch with EDNAR (unless manually updated). |
| Work Package Updated | Release 2 | Allows Schedule status and S number to be updated to EDNAR.  Release 1 – work around required to allow business to manually complete the NAR and manually input the “S” number into EDNAR. |

Note: the S number is generated when a schedule is moved to “Approved”

## Constraints

Integration requirements may be constrained by the DMS API which defines the work package manager data that can be transferred.

## Exclusions

The following interfaces are out of scope:

* Work Package Manager Inbound Cancel Schedule (an external system sends a message to DMS in order to cancel a schedule). Refer to section 2.1.4 for details regarding cancelled requests.

## Open Issues

The following issues need to be investigated:

| **#** | **Issue** | **Owner** | **Status** |
| --- | --- | --- | --- |
| 1 | Need to define a new solution for making the custom pdf available in DMS. The current solution used by SRR is not optimal. | Suv, Vibol and Steve | Open |
| 2 | Need to confirm if the custom pdf link can be can be automatically created in the Switching Schedule Switching log as the first operation. | Vibol | Open |
| 4 | Need to confirm if the SRR DMS and EDNAR DMS Work Package Manager SOAP interfaces can run in parallel | Suv and Vibol | Open |
| 5 | Need to confirm whether a DMS configuration change is possible to allow for Complete and Partially Complete status when completing a Schedule. | Vibol | Open |
| 6 | Can the Cancel reason code from EDNAR be appended to any existing comments in the CE Notes field or would it override any comments in the field? If the latter is the case the business may not want to proceed with this change. | Vibol | In progress  It has been confirmed that the cancel reason code from EDNAR cannot be appended to the C.E. Notes field – discuss new custom field with Rob. |
| 7 | Can the Deferred/Cancel checkbox in the Schedule Header be automatically checked by receiving a “Cancelled” update message from EDNAR. | Vibol | Open |
| 8 | Confirm whether Final Checked is a NAR status or just a field with Steve Rigoni and Scott, given this field is optional in EDNAR. Meeting booked on 26th October. | Liz | Closed  26/10 Confirmed with Steve R and Scott Y that they want Final Checked as a NAR status. |
| 9 | Investigate whether Cancel button can be disabled in DMS if the Schedule is created by EDNAR. (This will enforce Schedules being cancelled from EDNAR). | Vibol | Open |
| 10 | Investigate whether there is a way to allow a DMS job must remain in its original search folder when it’s moved to a new Control Desk work folder. | Vibol | Open |
| 11 | Discuss with development team whether it’s preferable to queue outbound messages from DMS when a NAR is locked (as per SRR 3.10) or whether to force update the messages as per SRR 3.08. | Suv and Liz | Closed  26/10 Discussion with Steve R, Scott Y and Suv confirmed that there is no requirement to queue integration messages when a NAR is locked. |
| 12 | Confirm how the Current End Date field is populated in the Schedule Header. | Liz | Open |
| 13 | Confirm with Rob Groot whether Controllers need EDNAR document links other than the consolidated pdf. | Liz | Closed  29/10 Confirmed with Rob that Controllers only need access to consolidated file. However, sometimes the planners add extra attachments after the consolidated file is generated which are required by Controllers, so need ability to re-generate consolidated file if input attachments change. |
| 14 | Confirm with business where the DMS Planner feedback needs to be stored in EDNAR – either Audit Log or just the database to enable a report. | Liz | Closed  Confirmed with Steve Rigoni that Planner Feedback needs to be stored in EDNAR. Spec updated to include Planner Feedback field. |
| 15 | Reconciling status between the systems is achievable, reconciling all attributes is difficult. Further discussion required. This will be tabled in early 2019 as this is a lower priority Release 2 requirement. Bulk versus individual reconciliation tool. | Liz | Open |

# Integration Requirements

## Work Package Manager Interface

An inbound and an outbound interface are required between EDNAR and the DMS Work Package Manager Application to:

* Automatically create a Switching Schedule in DMS and populate the Schedule Header fields
* Update the DMS Schedule Header fields when corresponding source data is updated in EDNAR
* Update the DMS Job and Schedule Numbers in the EDNAR NAR
* Update the EDNAR NAR status to align with the DMS Schedule status

Refer to Appendix A for a summary of the SOAP messages that comprise the integration.

The following detailed requirements need to be met by the integration solution.

**Note**: the EDNAR FBR <number> reference provides traceability to the EDNAR Functional Business Requirements’ matrix.

### EDNAR FBR 239 (Release 1)

When a NAR is moved to "Accepted" EDNAR must automatically trigger a request to DMS to create a switching schedule if the Switching Type requires a switching instruction. The NAR fields defined in the attached EDNAR DMS Mapping file must be sent to DMS with the request to create a switching schedule.

***Note***: there will be no method to manually trigger the DMS interface to create the switching instruction unless the interface fails (see EDNAR FBR 240 below).

The following changes are required to the existing SRR DMS integration (as reflected in the mapping spread sheet):

* Change the field mapping for the NAR Id from “NAR (Ref Number from SRR)” to “SRR Number” [[2]](#footnote-2)
* Add the “Created By” field to the interface definition and populate it with the user’s name that accepted the NAR, i.e. The Planner.[[3]](#footnote-3)



### EDNAR FBR 243 (Release 1)

On receiving a request to create a schedule from EDNAR DMS must automatically create a planned Switching Schedule at "Created" status with all the appropriate Header information populated**,** as per the above EDNAR DMS mapping file.

The following changes are required to the DMS Schedule Header:

* Remove the “NAR (Ref Number from SRR)” field as this field will no longer be used and is a duplicate. This field will be replaced by the “NAR #” field
* Remove the “Number of SRR Tasks” field as tasks are not relevant in EDNAR
* Remove the “Prepared By” field as this field is not required[[4]](#footnote-4)
* Change field name “SRR Number” to “NAR #”

### EDNAR FBR 240 (Release 2)

If the EDNAR DMS interface fails to create a schedule in DMS the system needs to display an error message to the user and make the "Send to DMS" button available so that the user can retry once the issue is fixed.

EDNAR will know whether or not a Schedule has been successfully created in DMS via the message acknowledge received from DMS which contains a SOAP Fault or a non-zero status value to indicate failure to process the message. Appendix A provides details of the message acknowledgements.

### EDNAR FBR 313 (Release 2)

On cancelling a NAR the system must generate a status update to DMS and automatically check the Deferred/Cancelled checkbox in the DMS Schedule Header and update the CE Notes field with the EDNAR cancellation reason code.

The following Schedule Header fields have been added to the EDNAR DMS Mapping file to support this requirement:

* C.E. Notes – EDNAR cancel reason code to populate this field but not overwrite any existing text in this field – can’t append text
* Deferred/Cancelled – this box to be automatically checked when a NAR Status of cancelled is received

Refer to items 6 and 7 in section 1.4 Open Issues to investigate whether DMS can be configured to enable this requirement.

### EDNAR FBR 244 (Release 1)

On auto creation of the DMS Schedule the DMS job reference id ("J" number) must be sent to EDNAR and populate the corresponding NAR field.

**Developer Note:** The Work Package Created — Outbound SOAP message is used for this transaction.

### EDNAR FBR 246 (Release 2)

DMS must trigger a status update message to EDNAR every time the Switching Schedule changes status or any of the status related field values below change. EDNAR must then update the NAR status based on the data received from DMS. EDNAR must process status messages in the correct sequence by date and time.

The following fields need to be sent to EDNAR from DMS when they are first populated or updated:

| **DMS Field Name** | **Description** | **Data Type** | **EDNAR Actions** | **Comment** |
| --- | --- | --- | --- | --- |
| Approved By | The Controller/Planner who approved the job. | String(32) | Populate the “HV Switching Instruction Approved By” field |  |
| Approved Date | The date on which the job was approved. | Timestamp(6) With Time Zone | Populate the “HV Switching Instruction Approved By” timestamp field |  |
| Commenced By | The control engineer who started work on the job. | String(32) | Update the “Controller” field | See EDNAR FBR 266 |
| Current Start Date | The timestamp of the first operation that is issued or confirmed. | Timestamp(6) With Time Zone | Update NAR Status to “Switching in Progress” (where Current End date is null)  Update the NAR Status timestamp | See EDNAR FBR 266 |
| Current End Date | This is the timestamp of the last operation | Timestamp(6) With Time Zone | Used in logic to populate NAR status to “Switching Commenced” | See EDNAR FBR 266 |
| Completed By | The control engineer who completed the job. | String(32) | Confirm with Suv how this field might be used to maintain NAR status. |  |
| Completed Date | The date the job was completed. | Timestamp(6) With Time Zone | Confirm with Suv how this field might be used to maintain NAR status. |  |
| Initial Check By | The name of the Planner who pre-checked the schedule. | |  | | --- | | String(32) | | No action required in EDNAR – may want this field in the future. |  |
| Initial Check Date | The date on which the initial check to the schedule was made. | Timestamp(6) With Time Zone | No action required in EDNAR – may want this field in the future. |  |
| Job Status | A number specifying the job status, which shows where the job is in its lifecycle. Values supplied by the Job Status lookup. | Number | Populate the NAR Status field – refer to **Table 2** below for the state transitions. | The NAR status needs to be updated each time the DMS Schedule status is changed. |
| Job Status Description | Text specifying the job status, which shows where the job is in its lifecycle. Values supplied by the Job Status lookup. | String(255) | Used with Job Status to map job status between DMS and EDNAR |  |
| Schedule Number | The number of the schedule | String (32) | Populate “Schedule Number” field | See EDNAR FBR 249 |
| Submitted By | The name of the person who submitted the job | String (32) | Populate the “HV Switching Instruction Written By” field |  |
| Submitted Date | The date the schedule was submitted for checking | Timestamp(6) With Time Zone | Populate the “HV Switching Instruction Written By” timestamp field |  |
| Final Check By | This is populated by the Controller that checks the Final Check box. | TBD | Update the NAR Status to “Final Checked” | This needs to be a custom field as not included as core field in the SOAP message definition.  See EDNAR FBR 259 |
| Final Check Date | The date that the final checkbox was checked. | TBD | Populate to the “Final Check Datetime” | Ditto |
| Planning Feedback | Free text field used by a Controller to provide feedback to the Planner on the NAR/switching instructions | TBD | Store DMS planner feedback against the NAR. | See EDNAR FBR 26 |

Table 1

The NAR status will be mastered by DMS after the NAR status is moved to “Accepted”. Table 2 below describes the DMS and EDNAR state transitions. Refer to Appendix B for a diagram depicting the EDNAR state transitions.

**DMS EDNAR State Transitions**

| **DMS From State** | **DMS to State** | **New EDNAR State** | **Comment** |
| --- | --- | --- | --- |
| Default | Created | DMS Created | NAR status mastered from DMS at this point |
| Created | Submitted | DMS Submitted |  |
| Submitted | Prechecked | DMS Prechecked |  |
| Prechecked | Approved | DMS Approved |  |
| Approved | Complete (Partially Complete) | Complete/ Partially Complete | See Open Issue #5 |
| Approved | Approved (Final Checked) | DMS Final Checked | See Open Issue #8 |
| Approved | Running (Commenced) | Switching Commenced | There is no Commenced state per se in DMS but the state can be derived in EDNAR based on the contents of some of the Header fields (refer Table 1 above). |
| Revoke (Action)  Approved | Created | DMS Created | HV Switching Instruction Approved By (Cleared)  HV Switching Instruction Approved By Timestamp (Cleared)  HV Switching Instruction Written By (Cleared)  HV Switching Instruction Written By Timestamp (Cleared)  Switching Schedule Number (Cleared) |
| Approved | Cancelled | No update required in EDNAR.  Investigate whether cancel button can be disabled in DMS if Schedule created by EDNAR. See Open Issue #9. | A NAR will only be cancelled from EDNAR (see EDNAR FBR 313). Users can still cancel a DMS Schedule as per the normal process but it will not result in updating EDNAR. |

Table 2

### EDNAR FBR 239b (Release 2)

If any of the Switching Schedule header fields change in EDNAR after the DMS schedule has been created an update request must be triggered from EDNAR to update the DMS header field with the new value.

Refer to the EDNAR DMS Mapping file for field definitions.

### EDNAR FBR 249 (Release 2)

When the Switching Schedule is approved in DMS the Schedule Number (e.g. S-182-b) and the approver must be passed to EDNAR and update the corresponding fields in the NAR (see **Table 1** above for details).

### EDNAR FBR 259 (Release 2)

When the Final Check box is checked in the DMS Schedule Header a status message update must be sent to EDNAR and the NAR status must be updated to "Final Checked".

Refer to Open Issue 8 to verify with Scott and Steve Rigoni as to whether Final Checked is a NAR Status or an information only update.

### EDNAR FBR 266 (Release 2)

When the “Commenced By” and “Commenced Start” fields are updated in the DMS Schedule Header these need to be updated to EDNAR to update the NAR status to "Switching Commenced" (see **Table 1** above for details).

### EDNAR FBR 268 (Release 2)

DMS must trigger a status update to EDNAR on completion of the Planned Switching Schedule. The NAR status must be updated to "Switching Complete" for all scenarios, e.g. Partially Complete etc.

### EDNAR FBR 267 (Release 2)

When completing a Switching Schedule a Controller must be able to select one of the following options:

- Complete (default)

- Partially Complete

This will ensure that the OSSO group is notified when planned work is not completed to plan.

**Note**: need to verify whether DMS can be configured for this functionality (Open Issue # 5).

### EDNAR FBR 26 (Release 2)

The contents of the "Planner Feedback" field in the DMS Schedule must be passed to EDNAR. EDNAR must store the feedback against the NAR.

See Open Issue 14.

### EDNAR FBR 63 (Release 2)

If the DMS EDNAR interface fails to send a message it must try to send the message again. Messages must remain in the message queue until they are successfully sent.

Errors must be written to an exception log file with the ability to configure an email to notify a group of users of the error.

**Developer Note**: The Work Package Manager SOAP interface provides the following mechanisms to ensure the interface is robust:

* A recoverable queuing mechanism to ensure that the two systems do not get out of synchronization (refer to page 12 of the SOAP Interface Architecture Administration Guide).
* A retry capability If an acknowledgement is not received within a predefined time period (3 minutes1), the PowerOn system can be configured to retry sending the message or to skip over the message and move onto the next one. Refer to the SOAP Interface Configuration Guide—SetEnv Sections (RETRY\_ON\_SOAP\_FAULT) for details

### EDNAR FBR 64 (Release 2)

EDNAR must continue to process integration messages regardless of whether a NAR is locked for editing, i.e. No need to queue messages when a NAR is locked.

### EDNAR FBR 62 (Release 2)

In the case where the NAR and the DMS Schedule get out of synch the system must provide a reconciliation mechanism to align the data. The process must allow for the:

- NAR status to be synchronised with the latest DMS schedule status

- DMS Schedule to be synchronised with the latest header data from the NAR.

A user must be able to initiate the reconciliation process on a NAR basis. Refer to Outstanding Issue # 15 as further discussion is required.

**Developer Note**: In discussion with the business it was suggested that it would be good if the system could generate a report to show which NAR’s are out of synch, then Synchronise the NAR on an individual basis. There is no requirement for a bulk synch tool.

## Interface for EDNAR Consolidated Pdf File

Currently there is a daily process that copies all the SRR NAR attachments from the SRR web server to a location in the SCADA domain. This allows a Controller to open the custom pdf attachment and any other attachments by clicking on a shortcut to the file via a link that is manually created by the Planner in the first switching operation.

The EDNAR business requirement is the consolidated pdf NAR attachments to be made available in real time or close to real time in the SCADA domain and for the link to be automatically copied to the Schedule operation.

See Open Issue 13 as to whether all NAR attachments or just the consolidated pdf need to be made available in SCADA.

This section describes the detailed requirements.

### EDNAR FBR 251 (Release 1)

When the NAR is at the appropriate status, i.e. DMS Approved, the system must automatically trigger the creation of a consolidated pdf file to consolidate the uploaded files that are flagged for consolidation. The consolidated file must be stored in a location that is accessible to the SCADA and Corporate domains.

The consolidated pdf link must be automatically made available in EDNAR

### EDNAR FBR 251 (Release 1)

The latest version of the EDNAR consolidated pdf must be automatically accessible via the DMS Switching schedule in real time.

The custom pdf file needs to be stored in the SCADA domain and a link provided to it in the Switching Schedule.

**Possible Solution Options**

The following solution options require further discussion:

* **Option 1** –The file is rendered using a web link. Any user accessing this document via a web link will need to be authenticated. All requests go through layer 7 and Authentication happens via layer 7. Even if a EDNAR link is passed to the DMS, how will end user be able to open this from a SCADA client? One option is for EDNAR to render a page without authentication. But that may not pass security testing.
* **Option 2** – EDNAR server writes the custom PDF directly to a folder accessible from SCADA client. Vibol needs to advise if this can be done.
* **Option 3** – EDNAR server writes the custom PDF to its local directory. A file sync tool is used to copy the files across to SCADA domain. Powercor will need to use file syncing software to do this.

## Interface for the Switching Schedule Pdf

### EDNAR FBR 260 (Release 2)

The latest version of the DMS Switching Schedule must always be available in EDNAR as a pdf via a URL. E.g. For Operators to access via iPad.

EDNAR must generate the schedule report pdf using the schedule report template file (.REPX file). EDNAR must be able to have “read only” access to the DMS database to get the required data to generate the report.

The schedule pdf must be able to be viewed from EDNAR by clicking on the schedule pdf link.

### EDNAR FBR 261 (Release 2)

The switching schedule pdf must be generated with a watermark of "Not Approved" when the schedule is in an unapproved state.

### EDNAR FBR 262 (Release 1)

The system must timestamp the Switching Schedule pdf each time the pdf is generated and

## Interface for Workload Management

EDNAR will provide a simple mechanism to allow the business to better manage workload. It is envisaged that jobs will be reallocated between Control Desks in EDNAR, based on job weighting and that this will be automatically reflected in DMS.

### EDNAR FBR 334 (Release 2)

When a user changes the Control Desk in EDNAR it must trigger the DMS interface to update the Control Desk against the switching schedule in DMS.

Note: this requirement must only be implemented if EDNAR FBR 335 can be implemented to prevent negative impacts to the Control Room.

### EDNAR FBR 335 (Release 2)

When a change of Control Desk is automatically updated to the Schedule in DMS the job must remain in its original search folder as well as being moved to the new Control Desk work folder. (Controller for the original Control Desk needs visibility of all jobs in their area).

# Appendix A – SOAP Messages

## Work Package Manager SOAP Messages

It is anticipated that the following SOAP messages will be implemented for the EDNAR DMS work package manager integration:

|  |  |  |
| --- | --- | --- |
| **SOAP Message** | **Triggering System** | **Purpose** |
| Create Schedule - Inbound | EDNAR | 1. Automatically create a Schedule in DMS 2. Populate Schedule Header data |
| Update Schedule – Inbound | EDNAR | Update schedule header fields when EDNAR source data changes. |
| Work Package Created – Outbound | DMS | Provides the Job Number and Job Status to EDNAR when a Schedule is created. |
| Work Package Updated - Outbound | DMS | Provides schedule status information to EDNAR. |

## Create Schedule Message Acknowledgement

EDNAR will receive the following Create Schedule inbound return message acknowledgement. EDNAR must create an audit log entry against the NAR with the acknowledgement details, both for successful and failed messages. If the error code has a non-zero status value then an email must be triggered to a generic Inbox and to the user who accepted the NAR.

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Description** | **Data Type** |
| Status | The status of the SOAP message | Number |
| JobReference | The reference of job | String(32) |
| ErrorMsg | If an error occurred this will contain any pertinent messages. | String |

## Work Package Updated – Outbound Return Message

EDNAR must generate the Work Package Updated outbound return message acknowledgement which needs to be processed by PowerOn Fusion.

The following table defines the message contents:

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Description** | **Data Type** |
| Status | The status of the request. The status is ‘0’ (zero) if the request was successful. | Number |

# Appendix B – NAR Lifecycle

The following diagram depicts the NAR lifecycle.



# Terms or Reference

Delete this section if not required.

The table below outlines definitions, acronyms and abbreviations used in this document as well as associated documentation.

|  |  |
| --- | --- |
| Reference | Description |
| SOAP | Simple Object Access Protocol |
| WPM | Work Package Manager |
| EDNAR | Electrical Distribution Network Access Register |

# Revision

Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Updated by | Comments |
| 0.1 | 20th Oct 2018 | Liz Ryan | Initial version |
| 0.2 | 23rd Oct 2018 | Liz Ryan | Re-structured document after initial feedback from Vibol and Suv.  Minor updates after questions answered by Scott. |
| 0.3 | 26th October | Liz Ryan | Minor updates from Suv, Scott and Steve R |
| 1.0 | 29th October | Liz Ryan | Updated to final after all feedback to date has been incorporated. |
| 1.1 | 1st November | Liz Ryan | * Updates from Glenn’s feedback * Added Planner Feedback field to outbound DMS to EDNAR interface (section 2.1.6, EDNAR FBR26) * Added applicable Release per requirement * Added section 1.2.1 to summarise integration points by Release |

1. Release 1 scheduled for February 2019, Release 2 scheduled for October 2019 [↑](#footnote-ref-1)
2. Currently the NAR Id from SRR is populated to the “NAR (Ref Number from SRR)” field which is not searchable. The “SRR Number” field is searchable and should be used in the EDNAR interface. [↑](#footnote-ref-2)
3. Currently the Created By field is populated by “Default System User” [↑](#footnote-ref-3)
4. The “Prepared By” field is now replaced by the “Submitted By” field which is populated to SRR/EDNAR from DMS. [↑](#footnote-ref-4)