





SUBJECT Drop Down List	DETAIL Accordion
RFS	OS
RTS	OS
Opened	OS
Closed	OS
Disabled AR and tagged	OS
Removed tag and enabled AR	OS
Transferred	OCR
Transferred	OCR
Received	OCR
Issued	RCB agreement
Cancelled returned	RCB agreement
SEN sent	Details
CTO	Assurance
Relayed	Assurance
Tower painter	Advised working on tower
Tower painter	Other
GXP tie	Made and broken
GXP tie	Other
STPP CP	Opened
STPP CP	Closed
STPP CP	Disabled AR
STPP CP	Enabled AR
STPP CP	Applied LLW tag
STPP CP	Removed LLW tag
STPP TP	Other
7111 - Service Desk	Details
PTP received	Details
Feeder	Isolated only in the network and request an isolate and earth in the TP network
Feeder	Offloaded in the network
Feeder	Earth free in the network. SP advised
Tripped	NCC advised
Tripped	SP dispatched to investigate fault
Tripped	Duty Operations Manager informed
Tripped	RSM informed
Tripped	DTF
Tripped	Protection flags
Tripped	And successfully AR
Tripped	advised (CP)
Tripped	Other
Fire alarm activated	Dispatch SP to investigate
Fire alarm activated	Called 111 - Fire Brigade sent to site
Fire alarm activated	SP onsite and investigating
Fire alarm activated	Other
Fire alarm defect	Dispatch SP to investigate
Fire alarm defect	Other
Fire alarm isolated	Details
Security system alarm	Dispatch SP to investigate
Security system alarm	Other
Oil containment alarm	Dispatch SP to investigate
Oil containment alarm	Other
RTU port status offline	Details
Applied LLW tag	Details
Removed LLW tag	Details
24hr checks	Details
BCP checks	Details
NCC advised - REMOVE THIS ONE	Details - REMOVE THIS ONE
24 VDC battery checks	Onsite
24 VDC battery checks	Other
48 VDC battery checks	Onsite
48 VDC battery checks	Other
125 VDC battery checks	Onsite
125 VDC battery checks	Other
Commissioning	Complete
Commissioning	Ready for Livening notice received
Commissioning	Other
Station inspection	Starting onsite
Station inspection	Completed
Station inspection	Other
GEN declared	Details
Shift handover completed	(no text field required)
Entered in error	(no text field required)
HVDC frequency offset	Selected Mhz at for NCC to reduce time error
HVDC frequency offset	Zero Mhz selected
Reduce voltage	Pole selected for NCC voltage control
Reduce voltage	Pole selected to nominal voltage
Line restarts	Pole enabled
Line restarts	Pole disabled
HPC round power	Monopole selected
HPC round power	Bipole selected
HVDC round power	Enabled at NCC request
HVDC round power	Disabled at NCC request
FKC	Enabled at NCC request
FKC	Disabled at NCC request
FSC and SRS	Enabled
FSC and SRS	Disabled
Blocked	Pole for
Blocked	Pole for
Auto	Selected for
Auto	Manual
Stopped	Selected for
Started	Selected for
Initial ITC sent	Initial ITC number
Initial GOR sent	Initial GOR number
Initial MER sent	Initial MER number
Final ITC sent	Final ITC number
Final GOR sent	Final GOR number
Final MER sent	Final MER number
Other (free text)	Details
Advised	CP
Advised	TP
Advised	NCC
Advised	SP
Advised	Other
Call from public	Contact
Trip test	Conducted
Trip test	Closed OS
Dispatched SP	CP request
Dispatched SP	TP request
Voltage control	RFS OS
Voltage control	RTS OS
Line fault located at	Tower
Shift Handover complete	Subject text
Shift Handover update	Details
Shift Handover closed	Details

NOTE: colour-coding on this wireframe shows which sets of "Detail" fields are revealed, depending on what you select in the "Subject" dropdown (if there is one), which in turn is determined by which "Subject" you select.

only ever one

only ever free text

Character limit is 100 char including spaces and auto-generated text. Truncated at 101.

80 char

All fields revealed after the dropdown selection has been made are mandatory. Should we bother starting everything?

44 char

"Made and broken" has no additional fields

Full phrase in the grid will be "Isolated only in the XX Network and request an isolate and earth in the TP network" etc

Subject * RFS	OS
Subject * RTS	OS
Subject * Opened	OS
Subject * Closed	OS
Subject * Disabled AR and tagged	OS
Subject * Removed tag and enabled AR	OS
Subject * Transferred	OCR
Subject * Issued	RCB agreement
Subject * Cancelled returned	RCB agreement
Subject * SEN sent	Details
Subject * CTO	Assurance
Subject * Relayed	Assurance
Subject * Tower painter	Advised working on tower
Subject * Tower painter	Other
Subject * GXP tie	Made and broken
Subject * GXP tie	Other
Subject * STPP CP	Opened
Subject * STPP CP	Closed
Subject * STPP CP	Disabled AR
Subject * STPP CP	Enabled AR
Subject * STPP CP	Applied LLW tag
Subject * STPP CP	Removed LLW tag
Subject * STPP TP	Other
Subject * 7111 - Service Desk	Details
Subject * PTP received	Details
Subject * Feeder	Isolated only in the network and request an isolate and earth in the TP network
Subject * Feeder	Offloaded in the network
Subject * Feeder	Earth free in the network. SP advised
Subject * Feeder	Other
Subject * STPP TP	Details
Subject * 7111 - Service Desk	Details
Subject * PTP received	Details
Subject * Feeder	Isolated only in the network and request an isolate and earth in the TP network
Subject * Feeder	Offloaded in the network
Subject * Feeder	Earth free in the network. SP advised
Subject * Feeder	Other

Subject * Tripped	NCC advised
Subject * Tripped	SP dispatched to investigate fault
Subject * Tripped	Duty Operations Manager informed
Subject * Tripped	RSM informed
Subject * Tripped	DTF
Subject * Tripped	Protection flags
Subject * Tripped	And successfully AR
Subject * Tripped	advised
Subject * Tripped	Other
Subject * Fire alarm activated	Dispatch SP to investigate
Subject * Fire alarm activated	Called 111 - Fire Brigade sent to site
Subject * Fire alarm activated	SP onsite and investigating
Subject * Fire alarm activated	Other
Subject * Fire alarm defect	Dispatch SP to investigate
Subject * Fire alarm defect	Other
Subject * Fire alarm isolated	Details
Subject * Security system alarm	Dispatch SP to investigate
Subject * Security system alarm	Other
Subject * Oil containment alarm	Dispatch SP to investigate
Subject * Oil containment alarm	Other
Subject * RTU port status offline	Details
Subject * Applied LLW tag	Details
Subject * Removed LLW tag	Details
Subject * 24hr checks	Details
Subject * BCP checks	Details
<del>Subject * NCC advised</del>	<del>Details</del>
Subject * 24 VDC battery checks	Onsite
Subject * 24 VDC battery checks	Other
Subject * 48 VDC battery checks	Onsite
Subject * 48 VDC battery checks	Other
Subject * 125 VDC battery checks	Onsite
Subject * 125 VDC battery checks	Other
Subject * Commissioning	Complete
Subject * Commissioning	Ready for Livening notice received
Subject * Commissioning	Other
Subject * Station inspection	Starting onsite
Subject * Station inspection	Completed
Subject * Station inspection	Other
Subject * GEN declared	Details
Subject * Shift handover completed	Subject text
Subject * Entered in error	Details

Subject * HVDC frequency offset	Selected Mhz at for NCC to reduce time error
Subject * HVDC frequency offset	Zero Mhz selected
Subject * Reduce voltage	Pole selected for NCC voltage control
Subject * Reduce voltage	Pole selected to nominal voltage
Subject * Line restarts	Pole enabled
Subject * Line restarts	Pole disabled
Subject * HPC round power	Monopole selected
Subject * HPC round power	Bipole selected
Subject * HVDC round power	Enabled at NCC request
Subject * HVDC round power	Disabled at NCC request
Subject * FKC	Enabled at NCC request
Subject * FKC	Disabled at NCC request
Subject * FSC and SRS	Enabled
Subject * FSC and SRS	Disabled
Subject * Blocked	Pole
Subject * Blocked	For
Subject * Deblocked	Pole
Subject * Deblocked	For
Subject * Auto	Selected for
Subject * Auto	Manual
Subject * Stopped	Selected for
Subject * Started	Selected for
Subject * Initial ITC sent	Initial ITC number
Subject * Initial GOR sent	Initial GOR number
Subject * Initial MER sent	Initial MER number
Subject * Final ITC sent	Final ITC number
Subject * Final GOR sent	Final GOR number
Subject * Final MER sent	Final MER number
Subject * Other	Subject text
Subject * Other	Details

Full phrase in the grid will be "Pole XXX selected for NCC voltage control" etc

new 30/08/16

Special case:  
 • Select "Other" in dropdown  
 • Two fields, one for "Subject text", the other for "Details"  
 • Data entered into "Subject text" field is displayed in "Subject" field in grid

new 22/09/16

Added 12/10/16

THERE ARE TWO DIFFERENT WAYS THAT AN OPERATOR CAN EDIT AN ENTRY:

Inline editing - useful for editing individual cells

Context menu popup editing - useful for editing multiple cells

Create new Edit Save changes Cancel changes Hide auto Move edits up Clear filters Please fix errors before saving

Region	Event date	Follow up	Event type	Party	Asset location	Subject	Description	Group ID	Group name	WO ID	Handover	Handover closed	Incident reports	Owner	Event ID
NNI	dd/mm/yyyy hh:mm	<input type="checkbox"/>	N	ABB	ABY	Tripped	NCC advised				New		ITC (Planned)	Jonesam	1234567897
SI	11/04/2016 23:17	<input checked="" type="checkbox"/>	S	ORN	ABY_110BS_LH2	Shift Handover close	Excepteur sint occaecat cupidatat non proident	G2333	BoP transformer 2016/02/16 08:16	778686	Close	Closed		Jonesam	1234567896
NNI	14/04/2016 14:17	<input checked="" type="checkbox"/>	N	ABB	ABY	Shift Handover update	Lorem ipsum dolor sit amet consectetur adipiscing elit	G7890	Flatbush outage 2016/08/09 13:45	998787	Update			bloggsf	1234567895
	2016 04:05	<input type="checkbox"/>	I	COC	ABY_110BS_LH_CHANGE	Issued	Et dolore magna aliquet ut enim ad minim veniam			984984			I-MER 97357	blountp	1234567894
	2016 04:22	<input checked="" type="checkbox"/>	S	CNP	ABY_110BS_LH2	Relayed	Quis nostrud exercitation ullamco laboris nisi	G7890	Flatbush outage 2016/08/09 13:45		New			greensa	1234567893
	2016 12:04	<input type="checkbox"/>	I	Party	ABY_110BS_LH2	HVDC Frequency Offset	Selected XX mhz at XX for NCC to reduce time error	G2333	BoP transformer 2016/02/16 08:16		New	Closed	ITC 92438	smithj	1234567892
	016 23:17	<input type="checkbox"/>	S	ORN	ABY_110BS_LH2	Here's my own subject	I'm writing whatever the heck I like in this one			778686				Jonesam	1234567891

**TO EDIT AN ENTRY INLINE**

1 Click anywhere on a row to highlight it (row A shown above in purple)

2 Click "Edit" button above the grid (button B above)

3 This relocates the row to the top of the grid for editing (row C above)

4 Cells that have been edited but not yet saved are coloured pink (cell D above)

5 You must fix errors before saving (error message E)

**ALTERNATIVELY**

6 Right click on arrow at far left of row to reveal context menu (F)

7 Choose "Edit inline" (G)

8 This relocates the row to the top of the grid for editing (row C above)

9 Cells that have been edited but not yet saved are coloured pink (cell D above)

10 You must fix errors before saving (error message E)

**1 REGION**

Region: NNI

EDITABLE

Make a different selection from the dropdown

**2 EVENT DATE**

Event date: dd/mm/yyyy hh:mm

EDITABLE

- Date is editable on click
- Time is editable on click
- Editable dropdown calendar appears on down-arrow click - this updates the date
- Can't select the future
- Date and time can be changed up or down using arrow keys

**3 FOLLOW UP**

Follow up:  not selected,  selected

EDITABLE

Check or uncheck the box

**4 EVENT TYPE**

Event type: N

EDITABLE

Make a different selection from the dropdown

**5 PARTY**

Party: ABB

EDITABLE

Make a different selection from the predictive search list

**6 ASSET LOCATION**

Asset location: ABY

EDITABLE

Make a different selection from the predictive search list

**7 SUBJECT AND DETAIL**

Subject: Transferred

EDITABLE

Make a different selection from the predictive search list. The re-selection triggers a popup containing new matching "Detail" fields.

Subject: Tower painter

Select one: Advised working on Tower - Contact

Advised working on tower: Details

Contact: Details

Update Cancel

**8 YOU CAN ALSO EDIT THE DETAIL FIELD BY CLICKING ON THE TEXT IN THE GRID:**

OCR XX to XX

Triggers a popup which initially contains the options related to the subject already selected.

You can also choose a different subject if you wish

Generates the one-sentence readout eg Disable AR on XX OS

**9 DESCRIPTION**

EDITABLE

Size - 5 rows  
Character limit - 500 char  
Spellcheck - yes, TBD

Multi-line textbox displays as a single 25-character line in the grid. Click on field to edit and full 5-row text box is displayed.

UPDATE 30/08/16 - NO CHAR NUMBER IN CORNER (can't be done)

**10-12 GROUPS**

Group ID	Group name
<input checked="" type="checkbox"/>	G2333 BoP transformer 2016/02/16 08:16
<input checked="" type="checkbox"/>	G7890 Flatbush outage 2016/08/09 13:45
<input type="checkbox"/>	G7890 Flatbush outage 2016/08/09 13:45

- User can change from Group to no Group
- User can change from no Group to Group
- The text of a Group name cannot be changed once created
- User can leave one Group and join another existing Group
- User can leave one Group and create a new Group (in which they will be the first member)
- User can remove all the members of a Group (the group remains, but is empty)
- A log entry can only be a member of one Group

**LINKING AN ENTRY TO A GROUP**

GROUP:  not selected,  selected

Check the box if you want to link to a group

Popup: Please select either Create new or Join existing

User selects a radio button

System automatically adds today's date and time to end of name in order to ensure it's unique. DB automatically generates a new Group ID number and associates it with this Group name.

Grid updated. Cells coloured pink to show they have been edited. Click "Save" button at the top of the grid to save all edited entries.

**UNLINKING AN ENTRY FROM A GROUP**

GROUP:  selected,  not selected

Uncheck the box if you want to unlink from a group

Alert popup: Are you sure you want to leave this Group? No change made. Checkbox stays checked.

If "Yes" is clicked, grid is updated, Group ID and Group name removed. Checkbox is unchecked.

**CHANGING FROM ONE GROUP TO ANOTHER**

Click in Group ID or Group name cell

Popup: G7890 Flatbush outage 2016/07/18 12:45

User selects a radio button

System automatically adds today's date and time to end of name in order to ensure it's unique. DB automatically generates a new Group ID number and associates it with this Group name.

Grid updated. Cells coloured pink to show they have been edited. Click "Save" button at the top of the grid to save all edited entries.

**13-14 WORK ORDER**

You cannot create a Work Order at the same time as you edit a log entry.

Work Orders can only be created by ticking the checkbox in the WO column on the grid. This generates a WO popup.

See work-order.pdf for more info

**15-16 SHIFT HANDOVER**

You cannot create a New or Update Shift Handover at the same time as you edit a log entry.

Shift Handovers can only be created by making a selection in the Handover column on the grid. This generates a Shift Handover popup.

See the set of Shift Handover PDFs for more info.

**17 INCIDENT REPORTS**

You cannot create an ITC, GOR or MER Incident Report at the same time as you edit a log entry.

Incident Reports can only be created by making a selection in the Incident report column on the grid. This generates an Incident Report popup.

See incident-report.pdf for more info.

**18 OWNER**

smithj

NOT EDITABLE

System auto-generated. Not editable

**19 EVENT ID**

1234567890

NOT EDITABLE

System auto-generated. Not editable

IF YOU EDIT SOMETHING, THE USER ID WILL CHANGE TO YOUR ID

Context menu editing - useful for editing multiple cells

Grid Operations Log

Production server Transpower logo

GRID OPERATIONS LOG SHIFT HANDOVER

UserID goes here

Create new Edit Save changes Cancel changes Hide auto Move edits up Clear filters

From 11/06/2016 00:00 To 14/06/2016 16:17

Region: NNI, SNI, ST, HVDC

Region	Event date	Follow up	Event type	Party	Asset	Asset location	Description	Group	Group ID	Group name	WO	WO ID	Handover	Handover closed	Incident report	Owner	Event ID
SI	11/06/2016 23:17	<input type="checkbox"/>	S	ORN	ABY_110BS_LH2	ABY	Shift Handover close	<input checked="" type="checkbox"/>	62333	BoP transformer 2016/02/16 08:16	<input type="checkbox"/>	778686	Close	Closed		Joneam	1234567896
NNI	14/06/2016 16:17	<input checked="" type="checkbox"/>	N	ABB	ABY	ABB	errred	<input checked="" type="checkbox"/>	67890	Flatbush outage 2016/08/09 13:45	<input type="checkbox"/>	998787	Update		I-GOR 786543	blgggf	1234567895
NNI	13/06/2016 14:05	<input type="checkbox"/>	I	CCC	ABY_110BS_LH1	ABY	Handover update	<input type="checkbox"/>			<input type="checkbox"/>	984984	Update			blountp	1234567894
NNI	13/06/2016 14:22	<input type="checkbox"/>	S	ORN	ABY_111	ABY	Assurance XX from XX to	<input type="checkbox"/>	62333	BoP transformer 2016/02/16 08:16	<input type="checkbox"/>	778686	New	Closed	ITC 76543	smithj	1234567893
NNI	1016 12:06	<input checked="" type="checkbox"/>	I	Party	ABY_110BS_LH1	ABY	Frequency Offset	<input checked="" type="checkbox"/>	62333	BoP transformer 2016/02/16 08:16	<input type="checkbox"/>	778686	New	Closed	ITC 76543	smithj	1234567892
NNI	1016 23:17	<input type="checkbox"/>	S	ORN	ABY_110BS_LH1	ABY	I'm writing whatever the heck I like in this one	<input type="checkbox"/>			<input type="checkbox"/>	778686	New			Joneam	1234567891

Right-click on the arrow at the end of a row to get the context menu. The row highlights as well.

Export to Excel

REGION: NNI

EVENT DATE: dd/mm/yyyy hh:mm

FOLLOW UP:  not selected,  selected

EDITABLE: Make a different selection from the dropdown

EDITABLE: Hide seconds

EDITABLE: Date is editable on click, Time is editable on click, Editable dropdown calendar appears on down-arrow click - this updates the date, Can't select the future, Date and time can be changed up or down using arrow keys

EDITABLE: Check or uncheck the box

EVENT TYPE: N

PARTY: ABB

ASSET LOCATION: ABY

EDITABLE: Make a different selection from the dropdown

EDITABLE: Make a different selection from the predictive search list

EDITABLE: Make a different selection from the predictive search list

3 char min

SUBJECT AND DETAIL

Event date: dd/mm/yyyy hh:mm

Region: NNI

Event type: N

Subject: Transferred

Select one: OCR To

OCR: Lorem ipsum

To: Dolor sit amet

Asset location: ABY (3 char min)

Party: ABB

Description: Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Actions:  Follow up

Update Cancel

Disable if this row is (or ever has been) in Shift Handover

DESCRIPTION

Size - 4 rows

Character limit - 500 char

Spelcheck - yes, TBD

Limited to 500 characters

You have entered 231 characters.

You have entered 765 characters. Please reduce this to 500 or less.

SITESIDE BUTTON TEXT RULE:

- If you're creating an item, use the word "Create" on the Submit button
- If you're editing an item, use the word "Update" on the Submit button
- Don't use the word "Save" as this implies the item has been saved, which it hasn't if you're editing

LINKING AN ENTRY TO A GROUP

Check the box if you want to link to a group

Group:  Create new,  Join existing

Group name: [input]

User selects a radio button

Group:  Create new,  Join existing

Group ID: [input]

Group name: [input]

System automatically adds today's date and time to end of name in order to ensure it's unique

DB saves Group name and associates it with this entry, which will be the first member of the Group

Group name is added to the predictive search list in the DB

DB automatically generates a new Group ID number and associates it with this Group name.

Find Group ID or Group name using predictive search.

System fills in other field automatically for you, as Group ID : Group name is always !!

3 char min for Group Name

Uncheck the box to uncheck radio buttons and close accordion

WORK ORDER

You cannot create a Work Order at the same time as you edit a log entry.

Work Orders can only be created by ticking the checkbox in the WO column on the grid. This generates a WO popup.

See work-order.pdf for more info.

SHIFT HANDOVER

You cannot create a New or Update Shift Handover at the same time as you edit a log entry.

Shift Handovers can only be created by making a selection in the Handover column on the grid. This generates a Shift Handover popup.

See the set of Shift Handover PDFs for more info.

Transferred

Make a different selection from the predictive search list

The re-selection opens the accordion to reveal new matching "Details" fields

Subject: Tower painter

Select one: Advised working on Tower

Advised working on tower

Contact: [input]

Details: [input]

YOU CAN ALSO EDIT THE DETAIL FIELD DIRECTLY:

OCR To

OCR From

Make a different selection from the predictive search list (which would ONLY contain the options related to the subject already selected)

Refreshes the contents of the accordion

Generates the one-sentence resdoul eg Disable AR on XX OS

UNLINKING AN ENTRY FROM A GROUP

7890 Flatbush outage 2016/07/18 12:45

Group:  Create new,  Join existing

Current Group ID and name displayed at the top of the accordion

7890 Flatbush outage 2016/07/18 12:45 Will be ungrouped

Group:  Create new,  Join existing

Uncheck box, "Will be ungrouped" appears next to Group name and ID. Radio buttons become disabled.

If you change your mind, re-check the Group checkbox. Popup returns to original state with no changes saved.

INCIDENT REPORTS

You cannot create an ITC, GOR or MER Incident Report at the same time as you edit a log entry.

Incident Reports can only be created by making a selection in the Incident report column on the grid. This generates an Incident Report popup.

See incident-report.pdf for more info.

CHANGING FROM ONE GROUP TO ANOTHER

7890 Flatbush outage 2016/07/18 12:45

Group:  Create new,  Join existing

Current Group ID and name displayed at the top of the accordion

User selects a radio button

7890 Flatbush outage 2016/07/18 12:45

Group:  Create new,  Join existing

Group ID: [input]

Group name: [input]

System automatically adds today's date and time to end of name in order to ensure it's unique

DB saves Group name and associates it with this entry, which will be the first member of the Group

Group name is added to the predictive search list in the DB

DB automatically generates a new Group ID number and associates it with this Group name.

Find Group ID or Group name using predictive search.

System fills in other field automatically for you, as Group ID : Group name is always !!

3 char min for Group Name

QUESTION FOR CHENDA

What happens if I select a radio button and then change my mind?

Because the fields are required

Could I uncheck the box to clear them and then check it again? (This would retain my original Group)

OWNER: smithj

EVENT ID: 1234567890

NOT EDITABLE: System auto-generated. Not editable

NOT EDITABLE: System auto-generated. Not editable

All error messages

Event date: dd/mm/yyyy hh:mm

Asset location: ABY

Region: NNI

Event type: N

Subject: Transferred

Select one: OCR To

OCR: [input]

To: [input]

Group:  Create new,  Join existing

Group name: [input]

Group ID: [input]

Group name: [input]

Update Cancel

Disabled if this row is (or ever has been) in Shift Handover

Incorrectly formatted. Should be dd/mm/yyyy hh:mm

Date and time must be entered

Cannot be in the future

Please make a selection

Field cannot be empty

Field cannot be empty

Please create a Group name

Please enter either a Group ID or Group name

Although Asset location and Description are required to create a WO, once a WO has been created and sent, they are no longer required (because you can edit an entry post-WO without changing the details that's already been sent to the WO).

Therefore they will never need to be marked as required within the "Edit" popup.

Region	Event date	Follow up	Event type	Party	Asset location	Subject	Detail	Description	Group	Group ID	Group name	WO	WO ID	Handover	Handover closed	ITC	GOR/MER	Owner	Event ID
NNI	dd/mm/yyyy hh:mm	<input type="checkbox"/>	N	ABB	ABY	Tripped	NCC advised	Lorem ipsum	<input type="checkbox"/>			<input type="checkbox"/>		New		ITC (Pla	GOR (No	Jonesm	1234567897
SI	11/06/2016 23:17	<input type="checkbox"/>	S	O	Error message alert tooltip looks like this	Over close		Excepteur sint occaecat cupidatat non proident	<input checked="" type="checkbox"/>	G2333	BoP transformer 2016/02/16 08:16	<input type="checkbox"/>	778686	Close	Closed			Jonesm	1234567896
NNI	14/06/2016 16:17	<input checked="" type="checkbox"/>	N	ABB	ABY	Shift Handover update		Lorem ipsum dolor sit amet consectetur adipisicing elit	<input checked="" type="checkbox"/>	G7890	Flatbush outage 2016/08/09 13:45	<input type="checkbox"/>	998787	Update				bllogsf	1234567895
NNI	13/06/2016 14:05	<input checked="" type="checkbox"/>	I	CCC	ABY_110BS_LH_CHANGE	Issued	RCB agreement XX to XX	Et dolore magna aliqua ut enim ad minim veniam	<input type="checkbox"/>			<input type="checkbox"/>	984984			ITC 37568	MER 97357	blountp	1234567894
SNI	13/06/2016 04:22	<input checked="" type="checkbox"/>	S	CNP	ABY_110BS_LH2	Relayed	Assurance XX from XX to XX	Quis nostrud exercitation ullamco laboris nisi	<input checked="" type="checkbox"/>	G7890	Flatbush outage 2016/08/09 13:45	<input type="checkbox"/>		New				greena	1234567893
SI	12/06/2016 12:06	<input type="checkbox"/>	I	Party	ABY_110BS_LH2	HVDC Frequency Offset	Selected XX mHz at XX for NCC to reduce time error	Duis aute irure dolor in reprehenderit	<input checked="" type="checkbox"/>	G2333	BoP transformer 2016/02/16 08:16	<input type="checkbox"/>		New	Closed		GOR 92638	smithj	1234567892
SI	11/06/2016 23:17	<input type="checkbox"/>	S	ORN	ABY_110BS_LH2	Here's my own subject	I'm writing whatever the heck I like in this one	Fugiat nulla pariatur	<input type="checkbox"/>			<input type="checkbox"/>	778686					Jonesm	1234567891

ERROR MESSAGE BEHAVIOUR

An error message will come up in an alert tooltip immediately that you try to leave an incorrectly-edited field.

- The tooltip points into the field that is incorrect, removing the need for any other highlighting.
- The tooltip disables editing (in any field) - this means that the error must be fixed before you can do anything else.
- The tooltip disappears once you fix the error.

EVENT DATE \*

*Incorrectly formatted. Should be dd/mm/yyyy hh:mm*

*Date and time must be entered*

*Cannot be in the future*

Alert tooltips that appear in the grid beneath the incorrect field

PARTY \*

*Field cannot be empty*

Alert tooltip

SUBJECT \*

*Please make a selection*

Alert tooltip

Subject \*

*Please make a selection*

If you delete the content from this field in the popup

Subject \*

Select one:

OCR \*

*Field cannot be empty*

To \*

*Field cannot be empty*

Error messages in popup

DESCRIPTION

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupida

*You have entered 765 characters. Please reduce this to 500 or less.*

Error message alert appears if you leave the field with over 500 characters in it. The number counts down as you reduce the number of characters in the description field.

WORK ORDER ERROR MESSAGE BEHAVIOUR

- In the GOL, user clicks the checkbox in the WO column for that entry.
- If necessary, alert pops up to remind user to complete Description and/or Asset Location fields if they haven't been filled in (as they are not mandatory except for when you want to create a WO) and save the row.

DESCRIPTION

Before you create a Work Order, please fill in the following field and save the log entry:

- Description

OK

Before you create a Work Order, please fill in the following fields and save the log entry:

- Asset location
- Description

OK

Alert boxes generated if WO is ticked

ASSET \* LOCATION

Before you create a Work Order, please fill in the following field and save the log entry:

- Asset location

OK

Before you create a Work Order, please fill in the following fields and save the log entry:

- Asset location
- Description

OK

Alert boxes generated if WO is ticked

GROUPS

LINKING AN ENTRY TO A GROUP

GROUP  not selected  
 selected

Group	Group ID	Group name
<input type="checkbox"/>		
<input checked="" type="checkbox"/>		

Group  Create new  Join existing

Please select either Create new or Join existing

Cancel

Click "Cancel" to close popup and uncheck Group checkbox in grid. No changes would be made to the grid data if popup is cancelled. Same if user clicks away from the popup without selecting either radio button.

User selects a radio button

Group  Create new  Join existing

Group name \*

Please create a Group name

Update Cancel

Group  Create new  Join existing

Group ID \*

Group name \*

Please enter either a Group ID or Group name

Update Cancel

Click "Cancel" to close popup and uncheck Group checkbox in grid. No changes would be made to the grid data if popup is cancelled.

UNLINKING AN ENTRY FROM A GROUP

GROUP  selected  
 not selected

Group	Group ID	Group name
<input type="checkbox"/>		
<input checked="" type="checkbox"/>	G2333	BoP transformer 2016/02/16 08:16

Are you sure you want to leave this Group?

Yes No

"No" closes alert popup. No change made. Checkbox stays checked.

Group	Group ID	Group name
<input type="checkbox"/>		
<input checked="" type="checkbox"/>		

CHANGING FROM ONE GROUP TO ANOTHER

Group	Group ID	Group name
<input checked="" type="checkbox"/>	G7890	Flatbush outage 16/07/2016 12:45

G7890 Flatbush outage 2016/07/18 12:45

Group  Create new  Join existing

Please select either Create new or Join existing

Cancel

Click "Cancel" to close popup. No changes would be made to the grid data if popup is cancelled. Same if user clicks away from the popup without selecting either radio button.

User selects a radio button

G7890 Flatbush outage 2016/07/18 12:45

Group  Create new  Join existing

Group name \*

Update Cancel

G7890 Flatbush outage 2016/07/18 12:45

Group  Create new  Join existing

Group ID \*

Group name \*

Update Cancel

Click "Cancel" to close popup. Group checkbox remains checked in grid. Radio buttons are unchecked. No changes would be made to the grid data if popup is cancelled.

Group  Create new  Join existing

Group name \*

Please create a Group name

Update Cancel

Group  Create new  Join existing

Group ID \*

Group name \*

Please enter either a Group ID or Group name

Update Cancel

Error messages if user clears the popup fields

SHIFT HANDOVER - NEW

ASSET \* LOCATION

Before you create a Shift Handover item, please fill in the following field and save the log entry:

- Asset location

OK

DESCRIPTION

Before you create a Shift Handover item, please fill in the following field and save the log entry:

- Description

OK

GROUP

Before you create a Shift Handover item, please fill in the following field and save the log entry:

- Group name

OK

Before you create a Shift Handover item, please fill in the following fields and save the log entry:

- Asset location
- Description
- Group name

OK

Before you create a Shift Handover item, please save the log entry.

OK

This Group is already in Shift Handover. Select "Update" for this row instead of "New".

OK

Asset location, description and Group name fields not filled in (could be any combination)

Log entry contains edited but unsaved (pink) fields

User has selected "New" on a row where the Group is already in Shift Handover

SHIFT HANDOVER - UPDATE FROM GOL

ASSET \* LOCATION

Before you create a Shift Handover item, please fill in the following field and save the log entry:

- Asset location

OK

DESCRIPTION

Before you create a Shift Handover item, please fill in the following field and save the log entry:

- Description

OK

GROUP

Before you create a Shift Handover item, please fill in the following field and save the log entry:

- Group name

OK

Before you create a Shift Handover item, please fill in the following fields and save the log entry:

- Asset location
- Description
- Group name

OK

Before you create a Shift Handover item, please save the log entry.

OK

This Group is NOT in Shift Handover. Select "New" for this row instead of "Update".

OK

Asset location, description and Group name fields not filled in (could be any combination)

Log entry contains edited but unsaved (pink) fields

User has selected "Update" on a row where the Group is not in Shift Handover

INCIDENT REPORTS

ASSET \* LOCATION

Before you create an Incident Report, please fill in the following field and save the log entry:

- Asset location

OK

Before you create an Incident Report, please save the log entry.

OK

You cannot have an unplanned GOR/MER on the same row as an ITC (Planned).

OK

You cannot have an ITC (Planned) on the same row as an unplanned GOR/MER. Please select ITC (Unplanned) instead.

OK

Planned ITC generated, user tries to generate a GOR or MER

GOR or MER generated, user tries to generate a Planned ITC

Log entry contains edited but unsaved (pink) fields

Grid Operations Log

GRID OPERATIONS LOG | OUTAGE SCHEDULE | HVDC CONFIGURATION | SHIFT HANDOVER

UserID goes here

From: 11/06/2016 00:00 To: 14/06/2016 16:17

Region:  NNI  SNI  SI  HVDC

Default: NNI

Buttons: Create new, Edit, Save changes, Cancel changes, Hide auto, Move edits up

To select a row to edit inline:

- Click the row to select it
- Click the "Edit" button
- The row will move to the top of the grid for editing

Region	Event date	Follow up	Event type	Party	Asset location	Subject	Detail	Description	Group	Group ID	Group name	WO	WO ID	Handover	Handover complete	ITC	GOR/MER	Owner	Event ID
NNI	dd/mm/yyyy hh:mm	<input type="checkbox"/>	N	ABB	ABY	Tripped	NCC advised	Lorem ipsum	<input type="checkbox"/>					New		ITC (Pla)	GOR (No)	Jonesm	1234567897
SI	11/06/2016 23:17	<input type="checkbox"/>	S	ORN	ABY_110BS_LH2	Shift Handover close		Excepteur sint occaecat cupidatat non proident	<input checked="" type="checkbox"/>	G2333	BoP transformer 2016/02/16 08:16	778686	Close	Completed				Jonesm	1234567896
NNI	14/06/2016 16:17	<input checked="" type="checkbox"/>	N	ABB	ABY	Shift Handover update		>Lorem ipsum dolor sit amet consectetur adipiscing elit	<input checked="" type="checkbox"/>	G7890	Flatbush outage 2016/08/09 13:45	998787	Update					blongsf	1234567895
NNI	13/06/2016 14:05	<input type="checkbox"/>	I	CCC	ABY_110BS_LH_CHANGE	Issued	RCB agreement XX to XX	Et dolore magna aliqua ut enim ad minim veniam	<input type="checkbox"/>			984984			ITC 37568	MER 97357		blountp	1234567894
SNI	13/06/2016 04:22	<input checked="" type="checkbox"/>	S	CNP	ABY_110BS_LH2	Relayed	Assurance XX from XX to XX	Quis nostrud exercitation ullamco laboris nisi	<input checked="" type="checkbox"/>	G7890	Flatbush outage 2016/08/09 13:45		New					greens	1234567893
SI	12/06/2016 12:06	<input type="checkbox"/>	I	Party	ABY_110BS_LH2	HVDC Frequency Offset	Selected XX mHz at XX for NCC to reduce time error	Duis aute irure dolor in reprehenderit	<input checked="" type="checkbox"/>	G2333	BoP transformer 2016/02/16 08:16		New	Completed		GOR 92638		smithj	1234567892
SI	11/06/2016 23:17	<input type="checkbox"/>	S	ORN	ABY_110BS_LH2	Here's my own subject		Duis aute irure dolor in reprehenderit	<input type="checkbox"/>			778686						Jonesm	1234567891

Items per page: 20

Export to Excel

ACTIONS THAT WOULD REMOVE YOU FROM INLINE EDIT MODE:

- Click "Save changes"
- Click "Cancel changes"
- Click a different timeframe or region in the sidebar and click "Update log view"
- Go to another tab (with save changes popup)
- Refresh the browser
- Close the browser
- Disconnect from the network

If I leave the grid open with unsaved edits (thus preventing anyone else from accessing those rows), the system will put an alert to save on the screen after 10 minutes of total inactivity, and will close edited rows without saving after an additional 2 minutes. See editing-timeout.pdf for more info.

This is the row I'm editing. It has the following characteristics:

- It has been temporarily moved to the top of my screen, rather than being in reverse chronological order within the grid.
- It has a coloured background (currently yellow) to show that it is in editing mode.
- It is editable by clicking on any editable field - the appropriate input will appear which can be edited.
- It is "locked" to all other users while I'm editing it.
- If another user wants access to the row they can request it (see editing-timeout.pdf).
- Any fields that I've edited have a pink background to show they've been edited but not yet saved.
- Once I've edited a row I must save those edits by clicking on the "Save" button.
- Once my edits have been saved, the row comes out of edit mode, moves immediately back down to its proper place in the grid, and becomes available to other users again.
- I can edit multiple rows at the same time.

Grid Operations Log

GRID OPERATIONS LOG | OUTAGE SCHEDULE | HVDC CONFIGURATION | SHIFT HANDOVER

In other words, if you are:

- Editing a GOL entry inline
- Editing a GOL entry via popup
- Generating a Work Order via an inline selection (generates WO popup)
- Generating an Incident Report via an inline selection (generates IR popup)
- Putting a row into Shift Handover (generates SH popup)

...then the row that's being edited and/or used to trigger popups is locked to all other users.

Edit entry

Event date: dd/mm/yyyy hh:mm

Region: NNI

Event type: N

Subject: Transferred

Asset location: ABY

Party: ABB

Description: Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Follow up:

Buttons: Update, Cancel

Create a Work Order

Short description: Create Work Order popup

Additional details: Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Location: ABY\_110BS\_LH2

Service provider: XBA

Called out: dd/mm/yyyy hh:mm:ss

Zone: NNI

Event ID: 1234567890

Reported by: blongsf

Buttons: Create, Cancel

Incident Report

You are about to initiate an ITC (Planned) Report for

Event ID: 1234567900

Event date/time: 20/06/2016 14:00

Location: CVE\_45YH\_G7

Buttons: Initiate report, Cancel

New Shift Handover

Region: SNI

Follow up date: dd/mm/yyyy hh:mm

Service provider: XBA

Asset location: XBA\_467A6\_T3

Asset location detail: Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Work Order ID: 276534

Contact name:

Contact phone:

Contact email:

Event date: 14/06/2016 14:08

Group ID: 69381

Group name: Wellington substation #1 2016/06/14 15:00

Buttons: New Shift Handover, Cancel

Update Shift Handover

Region: SNI

Follow up date: dd/mm/yyyy

Service provider: XBA

Asset location: XBA\_467A6\_T3

Asset location detail: Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Work Order ID: 276534

Contact name:

Contact phone:

Contact email:

Event date: 14/06/2016 14:08

Group ID: 69381

Group name: Wellington substation #1 2016/06/14 15:00

Buttons: Update Shift Handover, Cancel

HOW TO GET OUT OF POPUP EDIT MODE:

- Select either submit or cancel buttons in the popup
- Refresh the browser
- Close the browser
- Disconnect from the network

Grid Operations Log

GRID OPERATIONS LOG | OUTAGE SCHEDULE | HVDC CONFIGURATION | SHIFT HANDOVER

UserID goes here

From: 11/06/2016 00:00 To: 14/06/2016 16:17

Region:  NNI  SNI  SI  HVDC

Default: NNI

Buttons: Create new, Edit, Save changes, Cancel changes, Hide auto, Move edits up, Clear filters

Region	Event date	Follow up	Event type	Party	Asset location	Subject	Detail	Description	Group	Group ID	Group name	WO	WO ID	Handover	Handover complete	ITC	GOR/MER	Owner	Event ID
SI	11/06/2016 23:17	<input type="checkbox"/>	S	ORN	ABY_110BS_LH2	Shift Handover close		Excepteur sint occaecat cupidatat non proident	<input checked="" type="checkbox"/>	G2333	BoP transformer 2016/02/16 08:16	778686	Close	Completed				Jonesm	1234567896
NNI	14/06/2016 16:17	<input checked="" type="checkbox"/>	N	ABB	ABY	Shift Handover update		>Lorem ipsum dolor sit amet consectetur adipiscing elit	<input checked="" type="checkbox"/>	G7890	Flatbush outage 2016/08/09 13:45	998787	Update					blongsf	1234567895
NNI	13/06/2016 14:05	<input type="checkbox"/>	I	CCC	ABY_110BS_LH_CHANGE	Issued	RCB agreement XX to XX	Et dolore magna aliqua ut enim ad minim veniam	<input type="checkbox"/>			984984			ITC 37568	MER 97357		blountp	1234567894
SNI	13/06/2016 04:22	<input checked="" type="checkbox"/>	S	CNP	ABY_110BS_LH2	Relayed	Assurance XX from XX to XX	Quis nostrud exercitation ullamco laboris nisi	<input checked="" type="checkbox"/>	G7890	Flatbush outage 2016/08/09 13:45		New					greens	1234567893
SI	12/06/2016 12:06	<input type="checkbox"/>	I	Party	ABY_110BS_LH2	HVDC Frequency Offset	Selected XX mHz at XX for NCC to reduce time error	Duis aute irure dolor in reprehenderit	<input checked="" type="checkbox"/>	G2333	BoP transformer 2016/02/16 08:16		New	Completed		GOR 92638		smithj	1234567892
SI	11/06/2016 23:17	<input type="checkbox"/>	S	ORN	ABY_110BS_LH2	Here's my own subject		Duis aute irure dolor in reprehenderit	<input type="checkbox"/>			778686						Jonesm	1234567891

Items per page: 20

Export to Excel

This is the row that someone else is editing. It has the following characteristics:

- It is in its proper position, in reverse chronological order within the grid.
- It has a greyed-out appearance to show that it is being edited by someone else.
- It is not editable to me - if I click on a field, nothing happens.
- It is "locked" to me while it's being edited by someone else.
- If I want access to the row while it's being edited, I can request it (see editing-timeout.pdf).
- There is no indication on my screen of which fields have been edited but not yet saved.
- Once the other user has edited a row they must save those edits by clicking on the "Save" button.
- Once their edits have been saved, the row comes out of edit mode, stops being greyed-out in appearance, and becomes available to me and other users again.
- Multiple rows of the same time may be locked down in edit mode and therefore unavailable to me.
- User can right-click and select "Duplicate" or "View"

