

# Digitalising Shutdown, Turnaround, and Outage Management Processes

April 9, 2024



# Speaker Introduction



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*Product Owner*



# Topics of Discussion

- In Case You Missed It
- Budgeting and Estimation
- Mobility Enhancements
- QA/QC and Execution
- Work Package Management –  
Action Items

In Case You Missed It



# In Case You Missed It

- Materials Management & Kitting
- Improved SAP Integration and Creation Capabilities



# SAP Integration

The screenshot displays a software interface for managing scopes. A modal dialog box titled "Create Mass Scope from SAP Notification/Work Order" is open, showing a table of SAP notifications. The background interface includes a top navigation bar with "Scope" and a dropdown menu, and a toolbar with various actions like "Add Scope", "Link Scopes", "Merge Scopes", etc. The main area shows a table of "Scope Request Id" and "Work Order" with a "Create Mass Scope" button.

**Dialog Box: Create Mass Scope from SAP Notification/Work Order**

Buttons: Select All, Default - NONE, Reset Layout, Manage Layout

Notification	Notification Priority	Notification Type Description	Notification Type	Notification Long Text	Notification Short Text	Notification Functional Location	Notification Equipment
<input type="checkbox"/> 000010021380					Vessel inspection	ST-015	
<input type="checkbox"/> 000010017819					Tank pressure test	ST-015	
<input type="checkbox"/> 000010017822					Surface rust on vessel	ST-015	
<input type="checkbox"/> 000010017788	4	IH-Anforderung	M1		Valve Maintenance	ST-015	15-CVA
<input type="checkbox"/> 000010017796		Störmeldung	M2		Fix leaking pipe Val's ...	ST-015	15-PIPI
<input type="checkbox"/> 000010017800		Störmeldung	M2		install Scaffolding	ST-015	15-PIPI
<input type="checkbox"/> 000010017783					Waste Heat Recovery...	ST-015	
<input type="checkbox"/> 000010017784					Pressure Vessel Main...	ST-015	
<input type="checkbox"/> 000010017774					Reactor Check	ST-015	

Rows: 39

Buttons: CANCEL, CREATE MASS SCOPE



# Enhanced SAP Integration and Creation

The screenshot displays the SAP 'Edit Scope' interface with a 'Create Notification' dialog box open. The background interface includes a 'Scope Request' table with columns for ID, Name, and Status (Draft, Approved). The 'Signatures' section lists Harry Williams with username hwilliams. The 'General' section shows a Turnaround Month/Year of 03/31/2028 and a Unit of ST-015 - Delayed Coker. The 'Create Notification' dialog box has the following fields:

- Notification Type \* (dropdown menu)
- Notification Short Text \* (text field containing 'Tank Cleaning')
- Long Text (text area containing 'Tank Cleaning')
- Functional Location \* (text field containing 'ST-015')
- Equipment (text field containing '00000000010013253')

Buttons for 'CANCEL' and 'SUBMIT' are visible at the bottom of the dialog box. The background interface also shows a 'Scope Request' table with columns for ID, Name, and Status, and a 'Signatures' table with columns for Name and Username.



# Kitting

**Edit Kit - 000007081444 - 26**  
Kit Status: Preparation

Material Actions | **Material Attributes** | Kit Assignments

Location: (Laydown Yard 1) - Row C | Notes: [ ]

Select All | Issue Materials | Unissue Materials | Remove Materials

Material #	Material Description	Material Status	Material Location	Picked Quantity	Quantity	Unit of Measurement
<input type="checkbox"/> G-1000	GEARS, ELECTRI...	Issued	(Laydown Yard 1...	1	1	PC
<input type="checkbox"/> 100-100	CASINGS	Issued	(Laydown Yard 1...	1	2	PC
<input type="checkbox"/> 2008	GREASE, CARTRI...	Issued	(Laydown Yard 1...	1	1	EA

Rows: 3

CANCEL | LOCK | ADD KIT MATERIALS | SAVE CHANGES



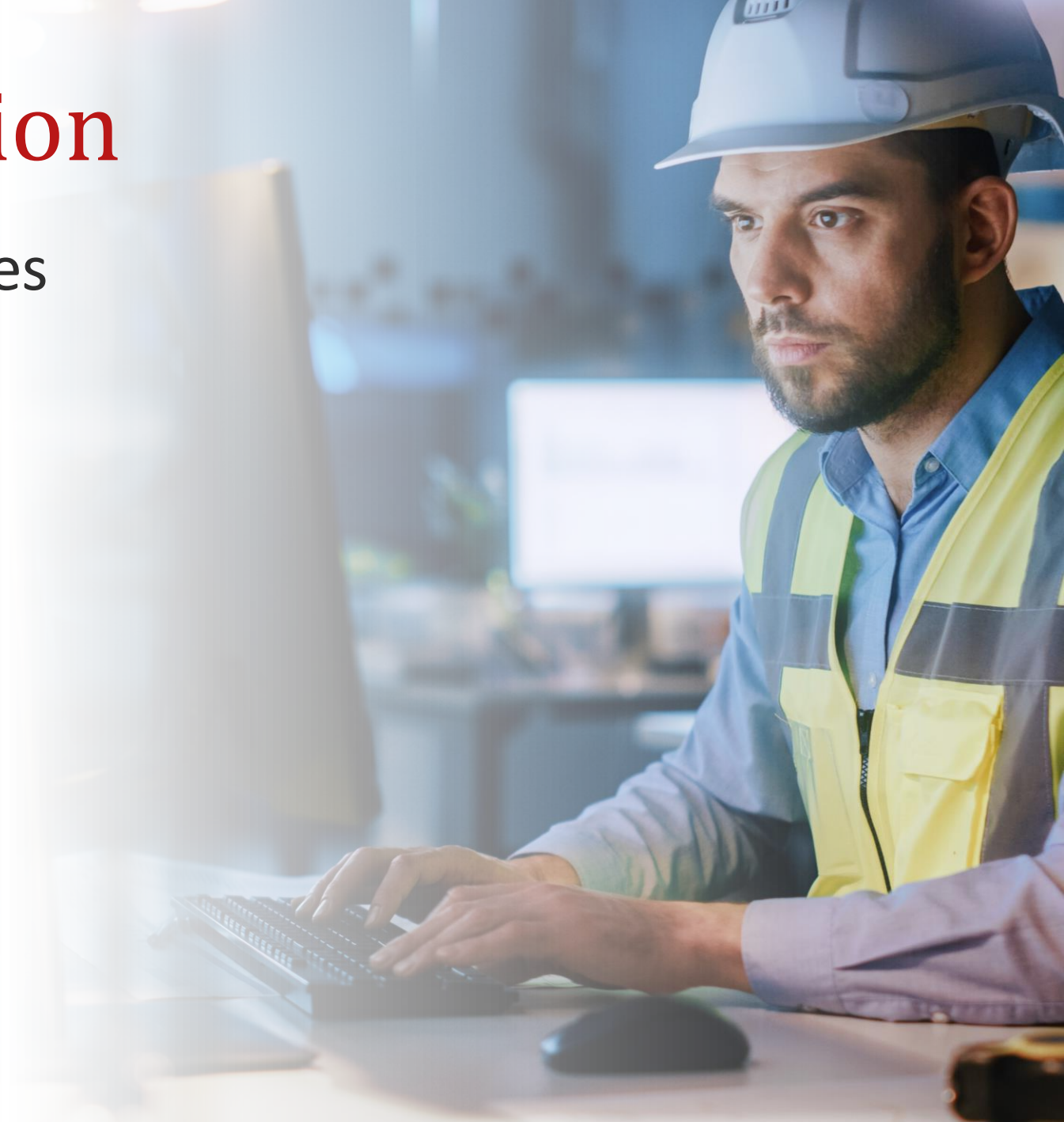


# Budgeting & Estimation



# Budgeting & Estimation

- Improved Estimation Capabilities
- Portfolio View



# Budgeting & Estimation

Budgeting > Estimate Snapshots
ST Fall 2024 Shutdown  
14 Days Until OilOutDate (Mon Apr 15 2024)
DP

**Estimate 1**

Estimate:  or Snapshot:

**Estimate 2**

Estimate:  or Snapshot:

**Description**

PBS

WBS SAP cost elements

OBS

Unit & Equipment Type

WBS

CBS

7.00001

SAP

ORC BrSt

Code ↑	Description	Current Work Packages Estimate	ST Fall 2024 - Prelim Scope	Packages Estimate - ST
<b>Total</b>		<b>\$402,290.89</b>	<b>\$0.00</b>	<b>\$402,290.89</b>
7.00001.CP (19)	Capital	\$402,290.89 (100.00%)	\$0.00	\$402,290.89
7.00001.CP.3 (12)	3-Design	\$24,430.95 (6.07%)	\$0.00	\$24,430.95
7.00001.CP.3.E (5)	Engineering	\$24,430.95 (6.07%)	\$0.00	\$24,430.95
7.00001.CP.3.E.035 (4)	Hydrocracker (035)	\$24,430.95 (6.07%)	\$0.00	\$24,430.95
7.00001.CP.3.E.035.C01	Construction 1	\$12,018.73 (2.99%)	\$0.00	\$12,018.73
7.00001.CP.3.E.035.I01	Instrumentation User Co...	\$616.00 (0.15%)	\$0.00	\$616.00
7.00001.CP.3.E.035.M01	Mechanical Package	\$5,789.15 (1.44%)	\$0.00	\$5,789.15
7.00001.CP.3.E.035.P01	Piping Design Package	\$6,007.07 (1.49%)	\$0.00	\$6,007.07
7.00001.CP.3.T (5)	Turnaround	\$0.00	\$0.00	\$0.00
7.00001.CP.3.T.CHM (4)	Chemical Facility (CHM)	\$0.00	\$0.00	\$0.00
7.00001.CP.3.T.CHM.E01	Courtney's Elec Package	\$0.00	\$0.00	\$0.00
7.00001.CP.3.T.CHM.E02	Turner Elec WP	\$0.00	\$0.00	\$0.00
7.00001.CP.3.T.CHM.I01	Instrumentation 1 Mauro	\$0.00	\$0.00	\$0.00
7.00001.CP.3.T.CHM.M01	Mechanical 1	\$0.00	\$0.00	\$0.00

Rows: 9
Rows: 20



# Budgeting & Estimation

Budgeting > Project Estimate
ST Fall 2024 Shutdown  
13 Days Until OilOutDate (Mon Apr 15 2024)
DP

Description

PBS

WBS SAP cost elements

OBS

Unit & Equipment Type

WBS

CBS

7.00001

SAP

ORC BrSt

Code ↑	Description	Costs	Memos
<b>Total</b>		<b>\$3,127,000.00</b>	
∨ 7.00001.CP (19)	Capital	\$3,127,000.00	
∨ 7.00001.CP.3 (12)	3-Design	\$2,232,000.00	
∨ 7.00001.CP.3.E (5)	Engineering	\$652,000.00	
> 7.00001.CP.3.E.035 (4)	Hydrocracker (035)	\$652,000.00	
∨ 7.00001.CP.3.T (5)	Turnaround	\$1,580,000.00	
∨ 7.00001.CP.3.T.CHM (4)	Chemical Facility (CHM)	\$0.00	
7.00001.CP.3.T.CH...	Courtney's Elec Package	\$0.00	☰
7.00001.CP.3.T.CH...	Turner Elec WP	\$0.00	☰
7.00001.CP.3.T.CH...	Instrumentation 1 Mauro	\$0.00	☰
7.00001.CP.3.T.CH...	Mechanical 1	\$0.00	☰
∨ 7.00001.CP.4 (5)	4-Execute & Install	\$895,000.00	
∨ 7.00001.CP.4.C (4)	Construction	\$0.00	
∨ 7.00001.CP.4.C.035 (3)	Hydrocracker (035)	\$0.00	
7.00001.CP.4.C.03...	Electrical 1	\$0.00	☰
7.00001.CP.4.C.03...	Mechanical 1	\$0.00	☰
7.00001.CP.4.C.03...	Civil 1	\$0.00	☰

Take Snapshot



# Budgeting & Estimation

The screenshot displays a software interface for budgeting and estimation. A 'Preview' window is open, showing a table with the following columns: Resource Code, WBS, Contractor, Total Hours, and Procurement Contract. The table contains 13 rows of data. A message at the bottom of the preview window states: 'You can edit any cell in the grid. Selected Breakdown Structure Type: Unit & Equipment Type. Incorrect data. This cell will not be loaded.' The interface also shows an 'Import History' section on the left and a top navigation bar with 'Budgeting > Headcount Estimate' and a 'ST Fall 2024 Shutdown' notification.

Resource Code	WBS	Contractor	Total Hours	Procurement Contract
GENERAL	ST-035	Prometheus Group	750	20201029.1 - Contract 1
BoilerMakr	ST-010	Collins	260	20230524.28
BoilerMakr	ST-015	Collins	650	20230524.28
BoilerMakr	ST-025	Collins	775	20230524.28
Clean1	ST-035	Prometheus Group	450	20201030.4
Scaffolder	ST-010	Excellent Scaffolding	260	
Scaffolder	ST-035	Excellent Scaffolding	950	
Crane	ST-035	Prometheus Group	125	20201029.2
Crane	ST-015	Prometheus Group	650	20201029.2
Crane	ST-025	Prometheus Group	400	20201029.2
Crane	ST-010	Prometheus Group	128	20201029.2
GENERAL	ST-015	Prometheus Group	650	20201029.1 - Contract 1
GENERAL	ST-010	Prometheus Group	660	20201029.1 - Contract 1



# Mobility Enhancements



# Mobility Enhancements

- Kitting
- QA/QC
- Holdpoint and Punchlist Tracking



# Mobility Enhancements

← 10071\_Condenser\_10

Activity Blocked  
Feb 13, 2024 10:17 AM [View/Unblock >](#)

Kit from Planner  
10071\_Condenser\_10

Details Actions Kits **QA/QC**

Punchlists < >

**View/Update Punchlist** ✕

**Cleared By:** Jake Lindsey (jlindsey) **Unverify**

**Verified By:** Herbert Davis (hdavis) **Unverify**

**Status:** Open **Close**

**Description**  
mobile updated desc

**Location Details**  
loc

**Priority** After Startup **Category** Mechanical

**Contractor** Allegiance Crane & Equipment LLC **Coordinator**

**Drawing Spec/Ref #**  
99875

**Restart Procedure Punch**  
No  Yes  **Memos**

**Attachments** 📎

**Update**

← 10071\_Condenser\_10

Activity Blocked  
Feb 13, 2024 10:17 AM [View/Unblock >](#)

Kit from Planner  
10071\_Condenser\_10

Details Actions **Kits** QA/QC

Kit ID: 359  
Kit Status: Unavailable **Materials**

**Materials** ✕

**Material Number:** 100-120  
**Description:** FLAT GASKET  
**Quantity:** 1.0  
**Location:** Test Edit **Received**

**Material Number:** N/A  
**Description:** Free Text  
**Quantity:** 4.0  
**Location:** N/A **Unavailable**

**Material Number:** 100-200  
**Description:** 87/77"  
**Quantity:** 2.0  
**Location:** Test Edit **Issued**





# Mobility Enhancements

← 10071\_Condenser\_10

Activity ready to start  
09/02/2022 8:00 AM A

**Kit from Planner**  
10071\_Condenser\_10

Details Actions IGIs QA/QC

**Holdpoint Tasks** < >

<b>Task:</b> Electrical Task 1 <b>Type:</b> Civil <b>Assignee:</b> arice <b>Attachment Required:</b> ❌	In Progress
<b>Task:</b> Test Inspection Task <b>Type:</b> Civil <b>Assignee:</b> hdavis <b>Attachment Required:</b> ❌	Completed
<b>Task:</b> Hydro <b>Type:</b> Inspection <b>Assignee:</b> kdua cd3ff97a-39ee-4095-ad4b-77dd5096ea7b (Deactivated) <b>Attachment Required:</b> ❌	Not Started
<b>Task:</b> KD's QA QC Task <b>Type:</b> E & I <b>Assignee:</b> N/A <b>Attachment Required:</b> ❌	In Progress
<b>Task:</b> Channel <b>Type:</b> Cleaning <b>Assignee:</b> N/A <b>Attachment Required:</b> ❌	Not Started
<b>Task:</b> Shell <b>Type:</b> Inspection <b>Assignee:</b> N/A <b>Attachment Required:</b> ❌	Not Started
<b>Task:</b> LDAR <b>Type:</b> Civil <b>Assignee:</b> N/A <b>Attachment Required:</b> ❌	Not Started
<b>Task:</b> Check Inlet Tube Connections <b>Type:</b> Civil <b>Assignee:</b> N/A <b>Attachment Required:</b> ❌	Not Started



# QA/ QC & Execution



# QA/ QC & Execution

- Revamped QA/QC tracking with dedication Execution Report
- Turnover Overview Report



# QA/ QC & Execution

Execution > QA/QC Holdpoint Tracking
ST Fall 2024 Shutdown  
14 Days Until OilOutDate (Mon Apr 15 2024)

Default - NONE
Reset Layout
Manage Layout

General
Scope Request
Tasks
Memos
Attachments

Change Log

Task	Hold Point Task Type	Status Description	Modified By
Electrical...	Civil	In Progress	Dylan Jackson (dja...
Electrical...	Civil	Completed	Dylan Jackson (dja...
Hydro	Civil	Not Started	
Pressure...	Civil	In Progress	Dylan Jackson (dja...
Shell	Civil	Not Started	
Cover	Civil	Not Started	
Internal ...	Civil	Not Started	
External ...	Civil	Not Started	

Unit	Equipment Description	Has Punchlist	Electrical Task 1	Electrical Task 2	Hydro	Pressure Test	S
ST-010	Steam Reformer	✗	—	—	—	—	
ST-035	Hydrocracker	✗	—	—	▼	✓	
ST-035	Hydrocracker	✗	—	—	—	—	
ST-035	Hydrocracker	✗	—	—	✓	✓	
ST-035	Hydrocracker	✗	—	—	—	—	▼
ST-010	Steam Reformer	✗	✓	ⓘ	—	—	
ST-010	Steam Reformer	✗	✓	▼	—	—	▶
ST-015	Delayed Coker	✗	—	—	✓	✓	
ST-035	Hydrocracker	✗	—	—	✓	ⓘ	
ST-010	Cooling water return relief valve	✓	ⓘ	✓	○	ⓘ	
ST-010	Steam Reformer	✗	—	—	—	—	▼
ST-010	Unit 10 Electrical Equipment	✗	○	○	—	○	
ST-010	Steam Reformer	✗	—	—	—	—	ⓘ
ST-010	Steam Reformer	✗	—	—	—	✓	ⓘ

Rows: 14
Rows: 8



# Work Package Management



# Work Package Management

- Action Item Tracking for Project, Scope, Work Packages, and QA/QC
- Improved Work Package Planning
  - Tools & Equipment
  - Relationship Management



# Work Package Management

The screenshot displays a web application interface for managing work packages. A modal window titled "New Action Item" is open, allowing users to create a new entry. The modal contains the following fields and options:

- Action Item Type \***: A dropdown menu with options: Filter Options, Action Item, Lesson Learned (highlighted), Meeting Minutes, Notes, Project Risks, and Priority.
- Name**: A text input field.
- Main Phase**: A text input field.
- Assignee**: A text input field.
- Object Type**: A text input field.
- Object Type Item**: A text input field.
- Due Date**: A date picker field.
- File Upload**: A dashed box with the text "Drag file(s) to upload or" and a "SELECT" button with an upload icon.
- Buttons**: "CANCEL" and "SAVE" buttons at the bottom right of the modal.

The background interface shows a table of "All Project Items" with the following data:

ID	List Type	Work Package	Scope	Description
LL-1	Lesson Learned	1235	6032	Mitigate
LL-2	Lesson Learned	1227	6033	Regularly
LL-3	Lesson Learned	87	6034	Ensuring
LL-4	Lesson Learned	1254	6035	Providing
AI-5	Action Item			Develop
AI-6	Action Item			



# Work Package Management

The screenshot displays a software interface for Work Package Management. The main window shows a list of activities under the heading 'ST-010-98'. The activities are organized into columns: Sequence Number, Activity, Main Phase, Sub Phase, and Activity ID. A modal window titled 'Add Hold Point Tasks' is open, allowing users to select a 'Hold Point Template' (Boiler - Boiler) and add specific tasks like 'Radiant Insp.', 'Burner Insp.', and 'Convection Insp.' with associated controls for up/down arrows and a delete icon. The modal also includes a checkbox for 'Attachment Required' and 'SUBMIT' and 'CANCEL' buttons.

Sequence Number	Activity	Main Phase	Sub Phase	Activity ID
001	RACK OUT AND LOTO	F0 Pre TAR	12 Pre_sd	000007067160-1
002	UNWIRE, DISCONNECT ELECTRICAL WIRING, GROUNDING	F3 TAR	15 Lock and Tag/Safeguarding	000007067160-2
003	REMOVE COUPLING GUARD/TAKE AS FOUND ALIGNMENT/REMOVE COMPLING SPOOL	F3 TAR	60 Install/Close	000007067160-3
004	UNBOLT FROM FOUNDATION AND GET RIGGER READY	F3 TAR	60 Install/Close	000007067160-4
005	PERFORM MCE FOR BASELINE PRIOR TO MOTOR SHOP SERVICE	F3 TAR	60 Install/Close	000007067160-5
006	PULL MOTOR AND TRANSPORT MOTOR TO ELECTRIC SHOP FOR OFFSITE SERVICE	F3 TAR	60 Install/Close	000007067160-6
007	INSPECT, MEGGER CONTROL CIRCUIT, POWER CABLE & OTHER DEVICES	F3 TAR	60 Install/Close	000007067160-7
008	CLEAN,INSPECT/MAP OUT MOTOR BASE	F3 TAR	60 Install/Close	000007067160-8
009	SHOP SERVICE AT SHOP	F3 TAR	60 Install/Close	000007067160-9
010	FINAL INSPECTIONS OF REPAIRS	F3 TAR	60 Install/Close	000007067160-10
011	RECEIVE MOTOR AND PERFORM MCE TESTING PRIOR TO INSTALLATION AT STOREHOUSE	F3 TAR	60 Install/Close	000007067160-11
012	TRANSPORT MOTOR BACK TO SITE AND SET ON BASE	F3 TAR	60 Install/Close	000007067160-12
013	SET SHAFT TO SHAFT AND ALING MOTOR (LEAVE UNCOUPLED FOR ROTATION CHECK)	F3 TAR	60 Install/Close	000007067160-13
014	PERFORM MCE TESTING AFTER INSTALLATION AND ALIGNMENT FOR BASELINE	F3 TAR	70 Testing	000007067160-14
015	RECONNECT WIRING AND GROUNDING	F3 TAR	60 Install/Close	000007067160-15
016	RUN-OFF UNCOUPLED TO CHECK ROTATION AND VIBRATION	F3 TAR	60 Install/Close	000007067160-16





# Work Package Management

Work Packages > > Activities > ST Fall 2024 Shutdown  
 13 Days Until Out/OutDate (Mon Apr 15 2024)

0 / 10 Lock (K) Create Action Item + Add Generate Activity Ids Mass Change (M) Sync Package Promote Expand View Grid Print (P) Manage Layout MD Layout - GLOBAL

ST-010-98

FS Reset to Phase Order Reorder Activity Reorder Phase Link Existing Activity

Order	Activity...	Activity ID	Op/Act	Activity	Phase
1	001	000007067160-1	10	RACK OUT AND LOTO	F0 Pre TAR - 12 Pre_sd
2	002	000007067160-2	180	UNWIRE, DISCONNE...	F3 TAR - 15 Lock and Tag/
3	003	000007067160-3	170	REMOVE COUPLING...	F3 TAR - 60 Install/Close
4	004	000007067160-4	160	UNBOLT FROM FOU...	F3 TAR - 60 Install/Close
5	005	000007067160-5	150	PERFORM MCE FOR...	F3 TAR - 60 Install/Close
6	006	000007067160-6	140	PULL MOTOR AND T...	F3 TAR - 60 Install/Close
7	007	000007067160-7	130	INSPECT, MEGGER ...	F3 TAR - 60 Install/Close
8	008	000007067160-8	120	CLEAN,INSPECT/MA...	F3 TAR - 60 Install/Close
9	009	000007067160-9	110	SHOP SERVICE AT S...	F3 TAR - 60 Install/Close
10	010	000007067160-10	100	FINAL INSPECTIONS...	F3 TAR - 60 Install/Close
11	011	000007067160-11	90	RECEIVE MOTOR AN...	F3 TAR - 60 Install/Close
12	012	000007067160-12	80	TRANSPORT MOTO...	F3 TAR - 60 Install/Close
13	013	000007067160-13	70	SET SHAFT TO SHA...	F3 TAR - 60 Install/Close
14	015	000007067160-15	50	RECONNECT WIRIN...	F3 TAR - 60 Install/Close
15	016	000007067160-16	40	RUN-OFF UNCOUPL...	F3 TAR - 60 Install/Close
16	017	000007067160-17	30	INSTALL COUPLING ...	F3 TAR - 60 Install/Close
17	020	000007067160-20	200	LOCK OUT / TAG OU...	F3 TAR - 65 Pre_comm
18	014	000007067160-14	60	PERFORM MCE TES...	F3 TAR - 70 Testing
19	019	000007067160-19	190	RUN-OFF COUPLED...	F3 TAR - 70 Testing
20	018	000007067160-18	20	REMOVE LOTO & PR...	F3 TAR - 75 Blinds/Spades
21	021		210	Activity Description	
22	022		220	Activity Description	

Details Attachment Custom Fields

**Activity Details** Sequence Number: 1

**RACK OUT AND LOTO**

Description: RACK OUT AND LOTO Discipline: General

**Activity Memo**

Main Phase: F0 Pre TAR Sub Phase: 12 Pre\_sd

**Hours**

Total Hours: 0 Duration: 0

**Cost**

Expense Type: Labor Type: Total Labor Cost: \$0.00

**Location**

Location: Elevation (m): 0 Calendar:

**Location Memo**



# Work Package Management

The screenshot displays a software interface for Work Package Management. The main window shows a list of activities for work package ST-010-0011 / 64. The activities are listed in a table with columns for Sequence Number, Activity, Main Phase, Sub Phase, and Activity ID. A modal window titled "Add Tools & Equipment" is open, allowing the user to select equipment for a specific activity. The modal includes a search bar, a list of equipment categories with checkboxes, and "CANCEL" and "CONFIRM" buttons. The background shows a table of activities and a "Tools & Equipment for General Resource" table.

Sequence Number	Activity	Main Phase	Sub Phase	Activity ID
001	RACK OUT AND LOTO	FO Pre TAR	12 Pre_sd	0000070
002	UNWIRE, DISCONNECT ELECTRICAL WIRING, GROUNDING	F3 TAR	15 Lock and Tag/Safeguarding	0000070
003	REMOVE COUPLING GUARD/TAKE AS FOUND ALIGNMENT/REMOVE COMPLING SPOOL			
004	UNBOLT FROM FOUNDATION AND GET RIGGER READY			
005	PERFORM MCE FOR BASELINE PRIOR TO MOTOR SHOP SERVICE			
006	PULL MOTOR AND TRANSPORT MOTOR TO ELECTRIC SHOP FOR OFFSITE SERVICE			
007	INSPECT, MEGGER CONTROL CIRCUIT, POWER CABLE & OTHER DEVICES			
008	CLEAN, INSPECT/MAP OUT MOTOR BASE			
009	SHOP SERVICE AT SHOP			
010	FINAL INSPECTIONS OF REPAIRS			
011	RECEIVE MOTOR AND PERFORM MCE TESTING PRIOR TO INSTALLATION AT STOREHOUSE			
012	TRANSPORT MOTOR BACK TO SITE AND SET ON BASE			
013	SET SHAFT TO SHAFT AND ALING MOTOR (LEAVE UNCOUPLED FOR ROTATION CHECK)			
014	PERFORM MCE TESTING AFTER INSTALLATION AND ALIGNMENT FOR BASELINE			
015	RECONNECT WIRING AND GROUNDING			
016	RUN-OFF UNCOUPLED TO CHECK ROTATION AND VIBRATION			
017	INSTALL COUPLING SPOOL/GUARD			
018	REMOVE LOTO & PREP CONTACTOR / STARTER FOR TESTING			

Description	Tools & Equipment	Total Price	Quantity	Unit Price
		\$0.00		



# Work Package Management

Notification Center

ST Fall 2024 Shutdown  
13 Days Until OilOutDate (Mon Apr 15 2024)
DP

View Notification Center
All Projects

### Milestones Pending My Action

Description	Category	Due Date	STO Event
Scope Freeze	Turnaround	01/31/2022	2022 U212 Unsat Gas T/A
Shutdown commences (...)	Turnaround	07/01/2022	2022 U212 Unsat Gas T/A
Shutdown ends (start up)	Turnaround	10/01/2023	DP Fall '26
Initiate Scope Add-on Pr...	Turnaround	02/01/2022	2022 U212 Unsat Gas T/A
Readiness gate review	Turnaround	05/01/2022	2022 U212 Unsat Gas T/A
Identify All Long Lead M...	Operations	11/01/2021	ST Fall 2024 Shutdown

Rows: 11

### Scope Requests Pending My Action

Scope Request Number	Work Description	Level	STO Event
	Frame — Replace housin...	Draft	ST Fall 2024 Shutdown
	PSV Service	Draft	2022 U212 Unsat Gas T/A
<a href="#">0002-112-0443</a>	Replace Orifice Plate	72	2022 U212 Unsat Gas T/A
<a href="#">0002-112-0444</a>	Replace Orifice Plate	72	2022 U212 Unsat Gas T/A
<a href="#">0002-112-0461</a>	Replace FE-4228	72	2022 U212 Unsat Gas T/A
<a href="#">0002-112-0494</a>	Pull Replace transmitter/...	72	2022 U212 Unsat Gas T/A

Rows: 728

### Planning Tasks Pending My Action

Task Name	Step Name	Category	Task Duration	Ste
Lifting Service	Lifting Service	Special Planning	1	
JSA	JSA	Safety	2	
Lifting Service	Lifting Service	Special Planning	1	
Lifting Service	Lifting Service	Special Planning	1	
JSA	JSA	Safety	2	

Rows: 38

### BOMs Pending My Action

Number	Name	# Materials	Status	STO
<a href="#">B0040</a>	Stainless Valves for Crane	1	In Progress	ST
<a href="#">B0041</a>	DP BOM	0	In Progress	ST

Rows: 2



# Demonstration



Thank You!

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Questions?



PROMETHEUS GROUP | **USER**  
12TH ANNUAL  
**CONFERENCE**  
EUROPE

Stephen Taylor – Product Owner