



SAFE WORK PLANNING AND AUTHORIZATION UPDATE

-PTW MATRIX

-EVISION IMPLEMENTAITON



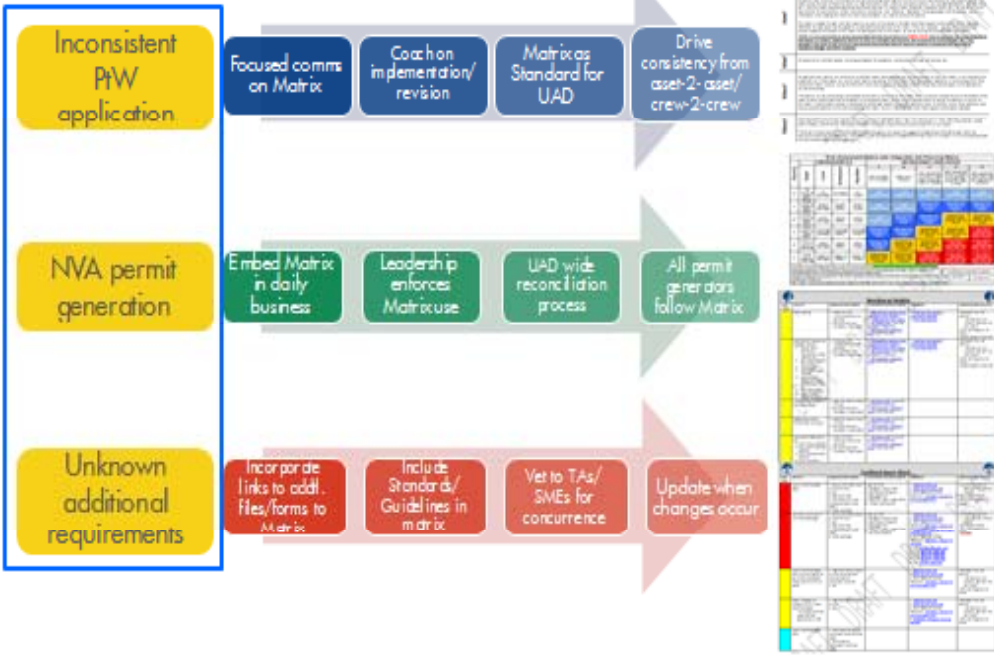
DW3- PERMIT TO WORK MATRIX

- Status
- Pitfalls
- Upcoming events

DW3- PERMIT TO WORK MATRIX UPDATE

Crane Operations					
RISK LEVEL	ACTIVITY	PERMIT TO WORK DOCUMENTATION	ACCOMPANYING DOCUMENTS	REFERENCE	Additional Requirements
	Crane Operations-Engineered	1. Cold Work Permit to Work 2. JSA	1. Shell SCI-written confirmation of heavy lift inspection	1. QPS0035- Lifting and Hoisting Standards 2. Lift Categorization and Work	-Full Time Job Sponsor -Supervisor walk through a -Engineering and Operations

Current State



	1. Hot Work Cat 2 (Yellow) Permit to Work (if electrical survey conducted) 2. JSA (both Shell and Contractor is applicable)	1. Annual Inspection forms 2. Fall Rescue Plan 3. Fall Protection Inspection Form 4. ICDB certification form	1. QPS0035- Lifting and Hoisting Standards 2. Shell HSE & SP Control Framework (Mandatory Manual for Lifting and Hoisting) 3. Crane inspection forms (use as needed) 4. M-UI-01 Offshore Fieldsite Crane Performance Standard	-SAP work order/ instruction (or equal)
1Y Crane Inspections -Preventative Maintenance Routine (PMR)	1. Hot Work Cat 2 (Yellow) Permit to Work (if electrical survey conducted) 2. JSA (both Shell and Contractor is applicable)	1. Annual Inspection forms 2. Fall Rescue Plan 3. Fall Protection Inspection Form 4. ICDB certification form	1. QPS0035- Lifting and Hoisting Standards 2. Shell HSE & SP Control Framework (Mandatory Manual for Lifting and Hoisting) 3. Crane inspection forms (use as needed) 4. M-UI-01 Offshore Fieldsite Crane Performance Standard	-Dedicated Job Sponsor - Job Sponsor visit worksite. Local Lifting Focal Point Pre-Job Kickoff -SAP work order/ instruction (or equal)

- + Implemented for approx. 1 year
- + Communicated to each facility
- + Changes reconciled in December
- + Engaging with Drilling/ Well Services
- Ineffective dissemination of comms.
- PnS not fully on-board- mixed message
- SWPA update taking longer than expected

DW3- PTW MATRIX

- June '15= Reconciliation of offshore input (official)
 - Unless business need arises (incident, required added activity, etc...)
 - Reconciliation every 6 months
 - Updates replicate in new Permit to Work system (upcoming)
 - Working with Drilling to incorporate into Matrix
- Issues:
 - Communication to all personnel on assets not received
 - PnS receiving mixed messages from asset leadership and company leadership
 - Life Saving Rule violation fear

EVISION IMPLEMENTATION

UAD new Permit to Work system and process

- Why
- What
- When



CASE FOR CHANGE- OUT WITH THE OLD; IN WITH THE NEW

- **Replacement ISSoW:** On Jan 30, 2017 the Global Agreement with Petrotechnics will be completed and there will be a FULLSTOP of usage by Upstream businesses on this date.



- **Process Standardization:** Shell SME's have defined a new global Permit to Work process.



- **Operations Toolbox Standardization:** One of Shell's IT Big Rules is "Migration to a new standard is required when the existing application requires time or money to upgrade".



Shell Global
chooses Permit Vision

"The Permit Vision system is
the best tool available today"
[read more](#)



PERMIT VISION – PLAN THE WORKSCOPE

The screenshot shows the Permit Vision web application interface. On the left, there is a list of permits with details such as Site, Location, Status, and Title. The main area displays a detailed view of a permit titled "Permit DHR GBI-000227 (Draft)" for "Hot work". It includes a "Work location Task Description, Risk Assessment" section with fields for "Work locations", "Affected locations", and "System/Equipment". A toolbar at the bottom contains icons for various actions like Draft, Verify, Authorise, Issue, Live, Suspended, Complete, Site Graphics, Search, and Suspend all.



This screenshot shows the "Site location path" section of the application. It features a map of the site with various locations marked. A list of "Site locations" is provided, including numbers 12 through 25. Below the map, there is a section for "Active Work" with a list of permits and their statuses, such as "Permit DHR GBI-000199 (Cold work - Waiting for verification) - Test Cold work".

This screenshot shows the "Equipment" section of the application. It displays a hierarchical list of equipment items associated with a permit, such as "Den Helder (DHR GBI) (DHR GBI)", "Treatment loc. DEN HELDER-GROENFLARE (NL.DHRCOND)", and "Safety sys - fire detection (NL.DHRCOND-S1F1)".



PERMIT VISION – ISSUE PERMIT



Permit DHR GBI-000227 (Waiting for issue)
Hot work

Issuing
Issue and activation by Issuer, Permit Holder and Releaser

Step

(Next period not specified yet) (Planned 10 Feb 2014 07:00 – 12 Feb 2014 16:30)

Issue by Permit Issuer [Sign]

Accept by Permit Holder [Sign]

Issue by Permit Issuer signature is required.

Permit Issuer to Revert Permit for edit [Revert]

Previous

Signature - Issue by Permit Issuer

The period should start in the future.

Are the following prerequisite control measures in place?
Hazard: Chemicals

- Mixing of substances to take place in well ventilated areas.
- Paint/oil drums to be decanted in a contained area, e.g. bund/ save all/ drip tray.

Initial Period

From: 15 Feb 2014 20:52

To: 15 Feb 2014 22:00

Username: kristinp

Password: [masked]

Company: NAM

[Sign]

Permit DHR GBI-000227 (Waiting for issue)
Hot work

Issuing
Issue and activation by Issuer, Permit Holder and Releaser

Step

(Next period not specified yet) (Planned 10 Feb 2014 07:00 – 12 Feb 2014 16:30)

Issue by Permit Issuer [Sign]

Accept by Permit Holder [Sign]

Issue by Permit Issuer signature is required.

Permit Issuer to Revert Permit for edit [Revert]

Previous

Local intranet | Protected Mode: Off

8:56 PM 2/14/2014



DAILY ENHANCEMENTS/ BENEFITS

Items that users were not able to do and now can

- Toolbox Talk format
- SAP Interface
- Permit Deletion
- Plan/ Extend the work day to 14 or 16 hours
- Utilize SAP Hierarchy for Permits and Isolations (Equip Selection)
- Add action steps in Isolation schemes

Items that users will be doing differently

- Workflow for Auth./Approvals
- DFT Process
- Electronic Effectiveness Reviews
- Allowing permits to extend 28 days without approval
- Renewing passwords (yearly)

Items that users don't have to do anymore

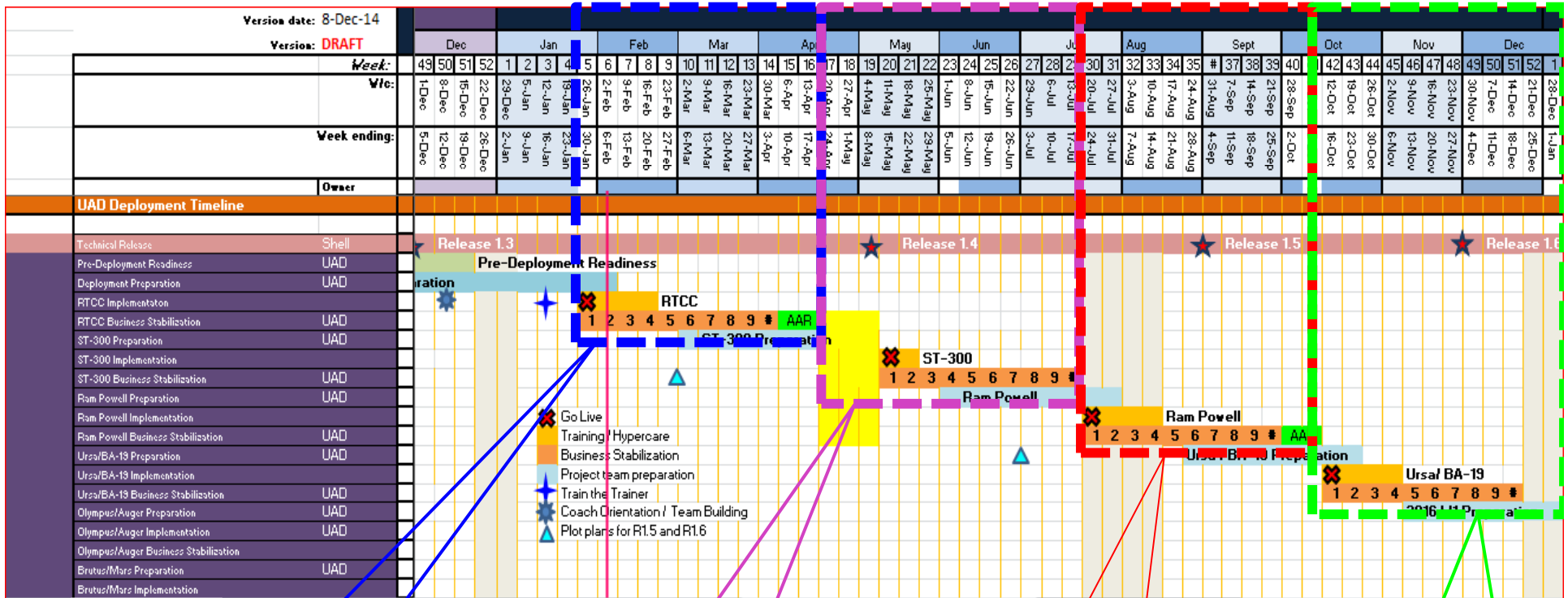
- Log in and out to change between users for signatures
- Click multiple screens to see conflicts (Affected areas)
- Manage audits/ actions in separate files

Future features

- Conflict mgmt based on Activity (SIMOPs)
- Barcode Scanning
- Mobility



UAD 2015 IMPLEMENTATION TIMELINE





SYSTEM FEEDBACK

“Has Help function that actually HELPS”

“Tool has been built around the Permit to Work process”

- Simplified, Efficient and more user friendly than the old (ISSoW) system
- Product has been built “by us, for us”
- Permit Vision is the natural improved evolution of PtW eTools. Permit Vision embraces today’s “app-based” technology...immediately intuitive because it looks and feels like other technology we use everyday (iPhones, iPads, etc.)
- Really like the improved Navigation functionalities as well as the support provided to those drafting/approving permits by virtue of improved Conflict Management capabilities (Goal Zero mind-set is embedded in core tool functionality)

Q&A

