Field Inspection
ROV DIVE PLAN

ROV Scope of Work

This procedure details the steps required for running an inspection route through a subsea field.

The Scenario requires the use of a single ROV.

Field Layout

The field consists of the template with the Blow Out Preventer (BOP) and Through Flow Line (TFL) installed, 3 trees with flow lines running from the template, and a subsea jacket.

ROV tools and equipment required in the scenario

ROV tools required for this dive:

- None

Equipment and models required for this dive:

- None

ROV Set Up

ROV 1	TMS
• ROV starboard manipulator (Orion 7 function arm) • ROV port manipulator (Rigmaster 5 function arm)	• None

Pre Job Tasks
None

ROV Operations

Field Inspection

1. Locate the template using the VSONAR display, and then position the ROV at the template.
2. Using Report Form 1.2.1, run through all the items designated for this structure.
3. Inspect using the camera's pan and tilt control.
4. Make a note on Report Form 1.2.1 that it was inspected, and if any problems where found.
5. Continue to the next structure on the list - the TFL - and repeat steps 2-4 for this structure.
6. Continue to the next structure on the list - the BOP - and repeat steps 2-4 for this structure.
7. Following the pipe lines, inspect Trees DG1-3 and repeat steps 2-4 for each.
8. Search for the subsea jacket, located southeast of the template and repeat steps 2-4 for this structure.
9. Signal the surface ship to inform them that all structures have been inspected.

ROV Supervisor Name:

Date:

Comments:

Field Inspection Report 1.2.1

Template

- Check East side Max 14 hubs. E1__ E2__ E3__ E4__ E5__
- Check West side Max 14 hubs. W1__ W2__ W3__ W4__ W5__
- Check North side of the template.
- Check South side of the template.

TFL

- Check the bull's eye level indicator to confirm that the TFL is properly seated on the template.
- Check the pressure gauges on TFL - they should read zero.
- Check the TFL for any dirt or debris.

BOP

- Check the bull's eye level indicator to confirm that the BOP is properly seated on the template.
- Check BOP for any dirt or debris.

Trees

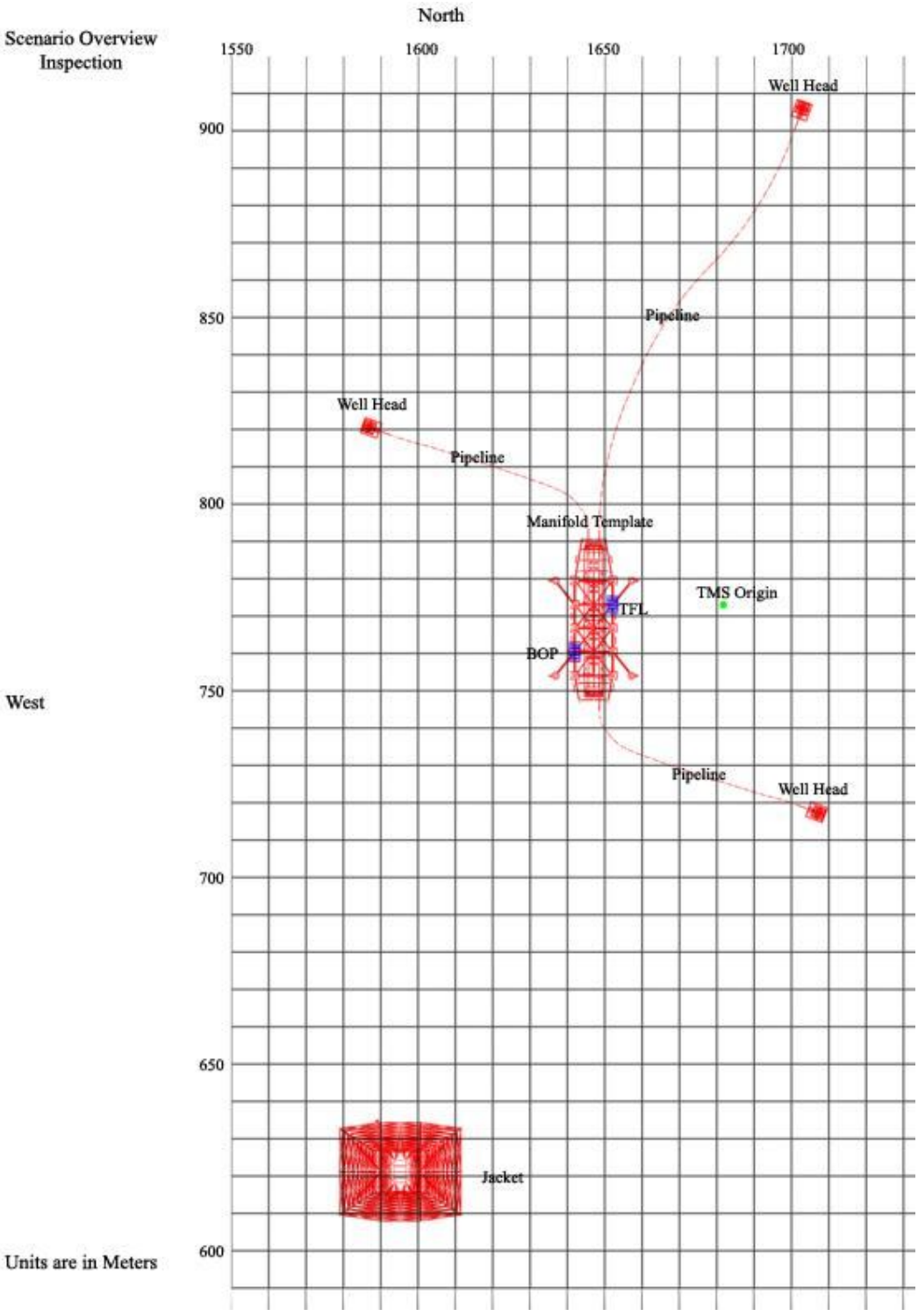
- Inspect pipes running from the template to Tree DG1.
- Check bull's eye level indicator to confirm that the Tree DG1 is properly seated on the template.
- Check Tree DG1 for any dirt or debris.

- Inspect pipes running from the Template to Tree DG2.
- Check bull's eye level indicator to confirm that the Tree DG2 is properly seated on the template.
- Check Tree DG2 for any dirt or debris.

- Inspect pipes running from the template to Tree DG3.
- Check bull's eye level indicator to confirm that the Tree DG3 is properly seated on the template.
- Check Tree DG3 for any dirt or debris.

Jacket

- Inspect the jacket, located southwest of the template, looking for dirt and debris build-up near its base.


Scenario Overview
Inspection
North
West
Units are in Meters
1550
1600
1650
1700
900
850
800
750
700
650
600
Well Head
Pipeline
Well Head
Pipeline
Manifold Template
TMS Origin
TFL
BOP
Pipeline
Well Head
Jacket