



Pipeline Inspection ROV DIVE PLAN

ROV Scope of Work

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

The Scenario requires the use of a single ROV.

Field Layout

The field consists of 3 manifolds, 2 PLETs, 6 trees, and the Blow Out Preventer (BOP) installed on one of the trees. There are also pipelines that run from each PLET to a pump that is located at the base of 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 <ul style="list-style-type: none">• ROV starboard manipulator (Titan 4 - 7 function arm)• ROV port manipulator (Rigmaster 5 function arm)	TMS <ul style="list-style-type: none">• None
ROV 2 <ul style="list-style-type: none">• ROV starboard manipulator (Gauntlet - 4 function arm)	TMS <ul style="list-style-type: none">• Cage TMS

Pre Job Tasks
None
ROV Operations
Pipeline Inspection
<ol style="list-style-type: none">1. Using the VSONAR display, locate the PLET at the Northern end of the field and fly the ROV to its location.2. Follow the black pipeline that is attached to the PLET, inspecting it with the camera's pan and tilt control.3. Once you reach the end of the pipeline (at the pump near the subsea jacket), make a note that it was inspected, and if any problems were found.4. You will notice that there is another pipeline connecting to the pump. Follow this pipeline back in the opposite direction, inspecting it with the camera's pan and tilt control.5. Once you reach the end of this pipeline (at a PLET at the Southern end of the field), make a note that it was inspected, and if any problems were found.6. Signal the surface ship to inform them that both pipelines have been inspected.

ROV Supervisor Name:

Date:

Comments:

