

Problem Statement



Capping of the well with the dual ram or isolation valve assembly will require:

- stabbing into a flange opening which may be obstructed by debris and flowing oil and gas
- aligning and bolting up a flange connection which is designed for make-up on the drill floor
- and performing this for the first_time at 5000ft water depth, suspended from a drill rig

Proposal: perform onshore and/or onshore trials to maximize probability of success

Time Keeping

Introductions - 5 mins

Safety Moment – 5 mins Trevor

Meeting Context – 10 mins Trevor

Subsea Architecture Options – 15 mins Tom

System Efficiency Calculation – 15 mins Ravi

Production Profiles – 20 mins Fulbert

CAPEX Phasing - 10 mins Shannon

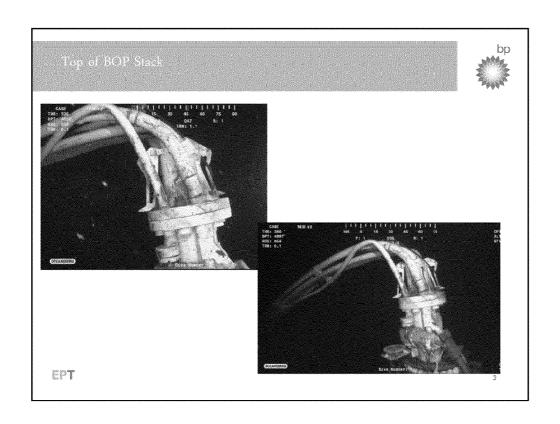
Economics - 20 mins Catriona

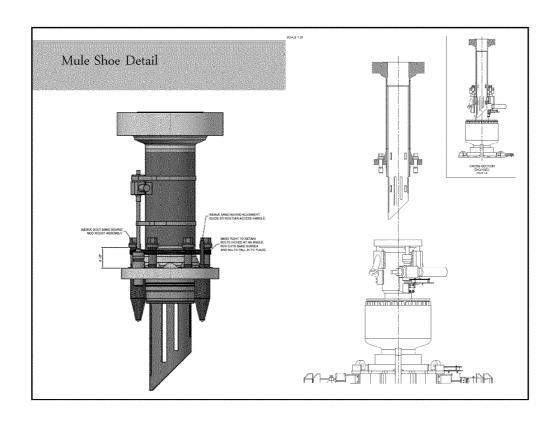
Summary - 20 mins Trevor

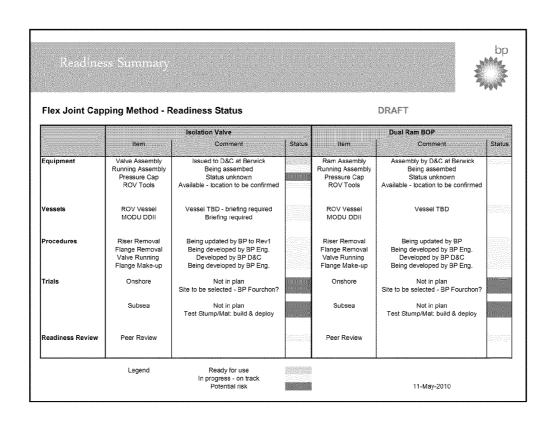
6-in vs 8-in Discussion - 10 mins Trevor

AOB





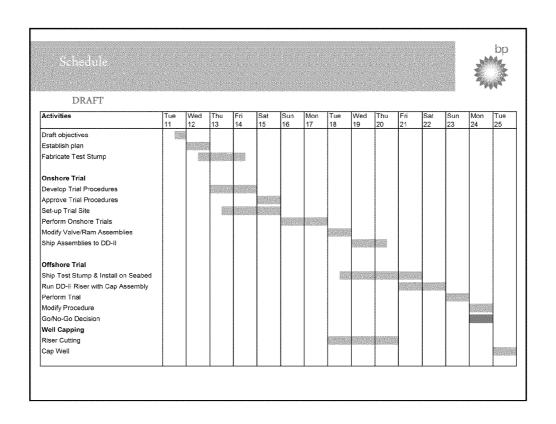




Trial Objectives & Site Suitability



Issue to be checked or tested	Onshore Test Suitability	Subsea Test Suitability
Alignment pin & plug make-up risks	111	11
Risk of seal damage	444	√′
Befit or risk from pins & plug use	111	V
Mule shoe engagement with pipe debris	111	1
Flange rotation & bolt release	V-V	1
ROV tool access & function/speed	√	111
ROV crew familiarization & training	√	111
Rig crew familiarization &training	4	111
Ability to stab with rig	X	111
Ability to keep flange alignment during make-up	X	111
Flow effect on seals	X	X
Stabbing under flow	X	X



Other Issues



- * Decide if trials are necessary, if so which & when
- Define Accountabilities
- * Confirm ROV vessel for flange unbolting
- * Confirm ROVs for flange make-up (DD2 or other support vessel)