From: Olsen, Asbjorn (Stava Sent: Monday, May 17, 2010 To: Turlak, Rob (Houston) Cc: Leach, Gary (Houston) Subject: FW: BOP on BOP 1

Importance: High

Attachments: image004.gif;

Rot

Some general comments from n

lain needs a plan, so I am trying

 Identify equipment and time in Controllable and not hooked int

FSV double block available - 2 days

Pipe work from FSV to Choke 8
- 4 days to source and build upper
Choke needs to be sourced thro
- 4 days to source and make rea
ROV Control System to be design
7 days to design, build and test
Assemble all components, press
2 days
Shio and install on the rig = 3 day

2. Identify equipment and time additional Ram plus leg of 2 x

TOTAL OF ~ 12 DAYS

FSV double block available X 2 - 2 days
Pipe work from FSV to Choice 8

 5 days to source and build by Choke needs to be sourced the -4 days to source and make in ROV Control System to be de-8 days to design, build and les Assemble all components, pre-2 days

Split current stack and install 4 days

FAT and commissioning - 18

Ship to rig - 1 day TOTAL OF 12 - 14 DAYS

i am sure I missed quite a les

CONFIDENTIAL

From: Olsen, Asbjorn (Stavanger)

Sent: Monday, May 17, 2010 10:22 PM

To: Turlak, Rob (Houston)
Cc: Leach, Gary (Houston)

Subject: FW: BOP on BOP Plan

Importance: High

Attachments: image004.gif; image005.gif

Rob

Some general comments from me

lain needs a plan, so I am trying this for a start

 Identify equipment and time required to fit 2 x Valves plus Subsea Choke on the DD II BOP, these to be ROV Controllable and not hooked into the BOP Control System.

FSV double block available

- 2 days

Pipe work from FSV to Choke & Pipe w/hub on discharge side needs to be produced

- 4 days to source and build pipe work needed c/with hubs

Choke needs to be sourced through Cameron

- 4 days to source and make ready (overhaul)

ROV Control System to be designed and build

7 days to design, build and test

Assemble all components, pressure test, ship

2 days

Ship and install on the riq - 3 days

TOTAL OF ~ 12 DAYS