

From: LeNormand, William [/O=CCC/OU=CCC-CLY-BACK
END/CN=RECIPIENTS/CN=LENORMANDW] 5/15/2010 11:03 AM
To: Van Lue, Jason
Cc: Kennedy, Mac M
Bcc:
Subject: RE: Distribution between Conduit/Pod/ Solenoid Package
Attachments: image001.jpg; IMG_0012.JPG; IMG_0022.JPG

As I understand it, the pod select POCV, as well as the check valves on S1 and the WSC hotline inlets were removed by Transocean when the ATAG CVM was installed.

YES

PIPE

I know that we only had to cut one large hose when we pulled the pod.

PIPE

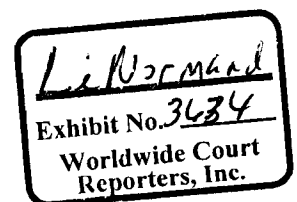
We were told that they no longer used S1 or the WSC to get supply into the pod, it came directly into the side of the pod by the one hose we cut.

We also had to cut three small tubing lines when we removed the pod, and those appear to be designated with the prefix BHP on the latest version of the pod flow diagram. One is the conduit pressure readback for the deadman trigger (24), one is the pod select pilot (49), and one is for pilot supply (1).

That is Right

The pod select function is strictly on the ATAG CVM, since the POCV inside the pod has been removed.

From: Van Lue, Jason
Sent: Saturday, May 15, 2010 7:50 AM
To: LeNormand, William



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CAM_CIV_0151517

Cc: Kennedy, Mac M
Subject: FW: Distribution between Conduit/Pod/ Solenoid Package

Country can you answer Mac's question below?

Jason Van Lue
Manager Field Service
Drilling Systems Division

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Office 713.423.8904
jason.vanlue@c-a-m.com

From: Kennedy, Mac M
Sent: Friday, May 14, 2010 9:16 PM
To: Gaude, Edward C.; Earhart, Cody
Cc: Duensing, Frank; Amler, Götz; Erwin, Carter; Van Lue, Jason; Cooper, Nathan; Coronado, Richard
Subject: RE: Distribution between Conduit/Pod/ Solenoid Package

Ed,

As I understand it, the pod select POCV, as well as the check valves on S1 and the WSC hotline inlets were removed by Transocean when the ATAG CVM was installed. I know that we only had to cut one large hose when we pulled the pod. We were told that they no longer used S1 or the WSC to get supply into the pod, it came directly into the side of the pod by the one hose we cut.

We also had to cut three small tubing lines when we removed the pod, and those appear to be designated with the prefix BIIP on the latest version of the pod flow diagram. One is the conduit pressure readback for the deadman trigger (24), one is the pod select pilot (49), and one is for pilot supply (1).

The pod select function is strictly on the ATAG CVM, since the POCV inside the pod has been removed.

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The pilot supply should come directly into the mux section from the CVM (similar to the way the CVM's were set up on P23 and MD500, 700, etc.).

Carter,

Can you confirm that what I have described is the way the pod was hooked up hydraulically when you guys first got it up to the surface?

Regards,

Mac Kennedy

Drilling R&D

Drilling Systems

Cameron

Mac.Kennedy@c-a-m.com

From: Gaude, Edward C.
Sent: Friday, May 14, 2010 3:48 PM
To: Kennedy, Mac M; Earhart, Cody
Cc: Duensing, Frank; Amler, Götz
Subject: FW: Distribution between Conduit/Pod/ Solenoid Package

Mac/Cody,

Glenn Chiasson requested for Frank Duensing and Goetz Amler to come over and assist Ken Powell in doing a study of the Horizon system MTBF. Frank observed a lack of follow through on the new added ATAG conduit valve package and how the solenoid supply is tied into the pod. See his attached schematic and questions; you will quickly see what he is talking about. I think this is maybe another example of some hook up they changed but is not reflected in our documentation. I feel fairly sure that they have run the solenoid supply as a separate connection into the side of the pod. We need for you to find out from Transocean exactly how they did this connection as Frank and Goetz need to have the accurate schematic for their FMEA they will be doing with Ken Powell. If you have any questions you can call Frank (49-1520-9080-654) for clarification; they are here at Bingle.

Ed Gaude

Engineering Manager

Drilling Controls

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EdwardC.Gaude@c-a-m.com

From: Duensing, Frank

Sent: Friday, May 14, 2010 2:57 PM

To: Gaude, Edward C.

Cc: Amlier, Götz

Subject: Distribution between Conduit/Pod/ Solenoid Package

Hello Ed

As discussed this morning, please find attached a prepared sketch for the above described distribution with the related clarification questions.

Regards

Frank Duensing

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