

From: JR Heather Barnes
To: JR Brad Julson
Date: 12/25/2014 1:54 AM
Subject: PFT info for files

from Roy

Hi Heather,

Werts has some experience with the pumps

Happy Xmas and a sober New Year

Warning don't start the pumps till you are sure the lines are open and valves turned the right way. it will poop the small plastic lines.

Speaking of lines, the stainless ones coming from the pump to the drill water need to have the caps taken off , they also are filled with methanol for storage. the long one runs across the room to the inboard drill water line. So once you get the pumps and pfts sorted out uncap the line and pump pfts till they come out of the open line, then hook them up to the manifold and open the gate valve there on the side being used.

in the pft box you will see the switching valve to route the pfts to either manifold.

Most of the time the drill floor uses the port pump , ask the driller or just see which is running .

NOTE to run the pumps you need to unplug them from the data cable which lets the rig floor run them it's should be unplugged but gets plugged into the data port on the back of the pump being used. Remember to plug back in when turning control over to the driller. and make sure the driller turns the pumps on they forget.

Pft

The pft are not mixed they are used straight from the container. decant from the big container into the dark glass bottles. should be on with a metal funnel in the orange bucket in haz stores.

the pumps are stored with methanol
you need to plumb them up.

This is the flush side on the back of the pump face
there is a flush line that is as stored is in a loop this needs to be taken off one side and then placed in the methanol small bottle with two holes in the lid. maybe four holes as it is used by both pumps. only use one pump at a time.
then place another hose to the run from the other side of the flush to the bottle.

The Pft are very volatile they will evaporate away if left uncorked.
The pft line goes from the pft bottle mark a level when running it so as to see if it's getting used.

The manual shows how to prime the pft line with a syringe on the front of pump where you will see a large wheel and place to put the syringe to pull thru the pft

I would just plumb and prime one pump and leave the other one as is till needed.

Sorry if a little jumbled but it's xMAS eve and i'm home.

Any question let me know.

Ciao
roy

Assistant Laboratory Officer
International Ocean Discovery Program
1000 Discovery Dr
College Station, TX 77845
(979) 845-2485
barnes@iodp.tamu.edu
jr_barnes@ship.iodp.tamu.edu