Brown, Mark

From:	Brown, Mark
Sent:	Monday, April 14, 2008 12:47 PM
To:	John Adams; 'Bob Nourse'
Cc:	Hobson, Brett; Graves, Dale
Subject:	Test Plan comments
Follow Up Flag:	Follow up
Flag Status:	Red
Attachments:	Allied Crane TK22 -test plan comments.01.doc

Hello John / Bob-
After reviewing Allied's Performance Test Plan for the TK22 crane we have some comments that we would like to discuss which are attached.

Bob- Did you get a chance to re-run the load charts for 4000 psi operation as we discussed?

(from Bob) Mark,
If you do not have 4500 psi, what do you have? If you give me the actual flows and pressures I will rerun the load charts to see what we can do. The winch is OK at 3000 psi but the cylinders were designed for the available pressure.

(from Mark) Bob-
We have an integrated hydraulic system with 50 hp & 75 hp capabilities both have Rexroth pumps which are rated at 4000 psi.
Dockside they run the 50 hp due to electrical limitations, offshore they run the larger 75 hp motor.

Our operations personnel have been running the system at 3500 psi because the same system also runs the back deck A-Frame and a HIAB crane, I am currently trying to determine if there are components in the system that can't tolerate the 4000 psi pressure.

It would be helpful to see the load charts for the 4000 psi pressure.
Thank you for your help-
-Mark

John- Do we have a date and time set for the tests?

Thanks for your help-
-Mark

Mark Brown
Support Engineering Group Leader
MBARI: www.mbari.org
ph: 831 775 1939
fx: 831 775 1615