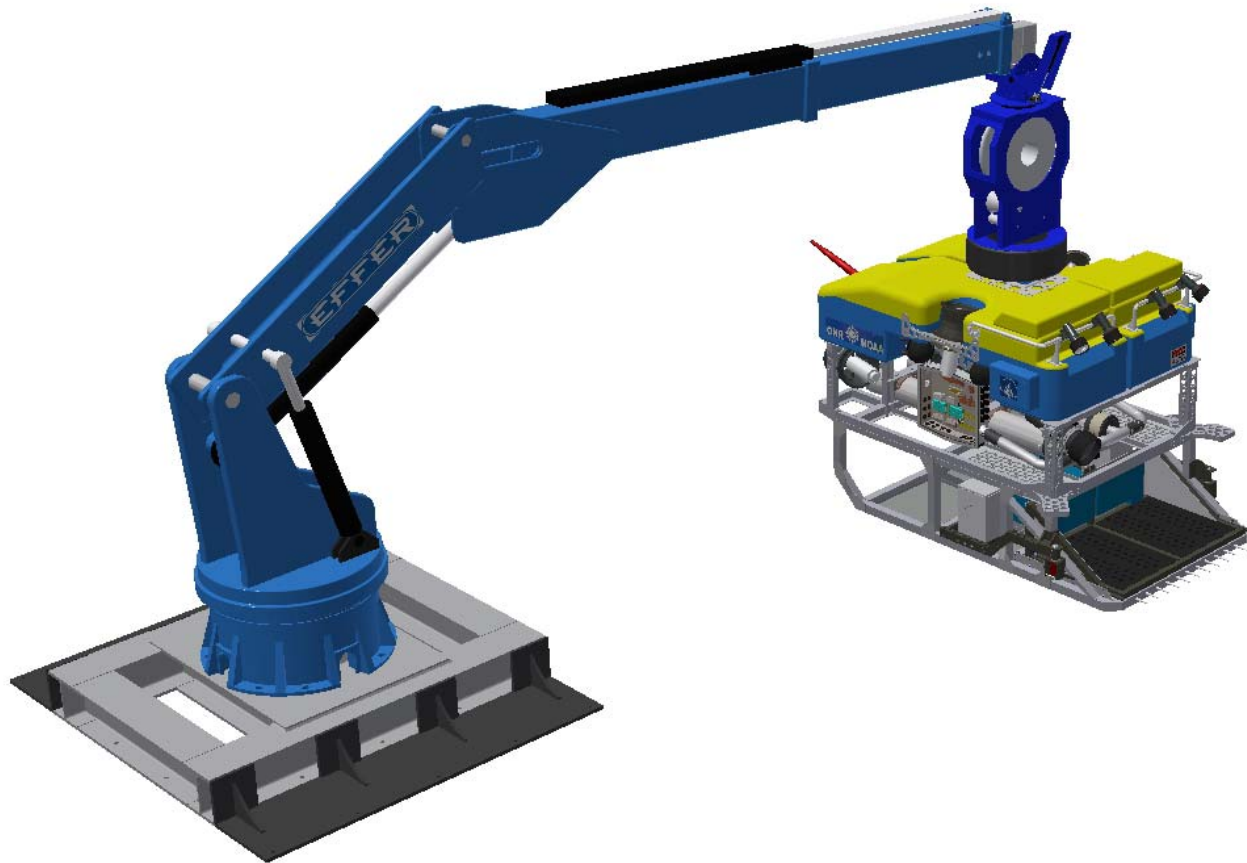




Jason LARS



- Docking Head Factory Acceptance Test performed Oct 18, 2011 @ Dynacon
 - Winch lift, load, and slew tests satisfactory
 - Two Functions (swing/sway) inoperative, repairs underway
 - New FAT date TBD, in the next two weeks
 - Beyond these problems the DH operates well, and is what we want
- New Effer Crane to be delivered WH Nov 7
- Crane base in house design at Glosten for review
 - Construction under way at WHOI
- Integration of Crane, Base and DH in Nov/Dec 2011
- Medea winch tested on Jason cruise
 - Load and sea anchor tests successful
- MaCartney Active Heave Comp (AHC) for .681 FO cable possibly power prohibitive
 - Adjusting expectations to determine IF this is feasible within available power and funding
 - Plan B, researching use of existing, lighter AHC winches received by winch pool to perform package deployments instead of AHC for Medea
- This would free up funds to develop a docking head for single body ops (quoted)



Crane, Base and Docking Head



Docking Head FAT



Medea winch tests
on Atlantis