

Offshore  
Vessels



# References



## References OFFSHORE VESSELS

VESSEL/ Project	SCOPE OF SUPPLY	MODEL
<b>2007</b>  <b>Winch Drive Conversion (Upgrade)</b> <b>M/S"Island Frontier"</b>	Upgrading of Existing ROV Winch from Hydraulic System to High Performance Electric Frequency controlled Winch Drive with <b>Active Heave Compensated Control System.</b> <b>1 Electric motor drive</b> <b>Max power requirement 250 Kw</b>	Dynacon 421 conversion done for <b>Oceaneering AS</b> in Stavanger
<b>2007</b>  <b>ROV Traction Winch System</b> <b>Oceaneering</b> <b>BOA Group</b> <b>"Boa Sub C"</b>	2 Umbilical Traction Winches	RHMTRW10000B RHMTRW10000B
<b>2008</b>  <b>Winch Drive Conversion (Upgrade)</b> <b>"West Phoenix"</b> <b>(Semisub. Drilling Rig)</b>	Upgrading of Existing ROV Winch from Hydraulic System to High Performance Electric Frequency controlled Winch Drive with <b>Active Heave Compensated Control System</b> <b>1 Electric motor drive</b> <b>Max power requirement 280 Kw</b>	Dynacon 421D3 conversion done for <b>Oceaneering AS</b> in Stavanger.
<b>2008</b>  <b>TECHNIP UK LIMITED</b> <b>"Skandi Arctic"</b>	1 ea. Electrical ROV winch Left hand 1 ea. Electrical ROV winch Right hand All Electric Frequency controlled with PTS Pentagon <b>Active Heave Compensated Control System</b> <b>3 Electric motor drive in parallel</b> <b>Max power requirement 460 Kw</b>	RHMEROVW20070/OLP30 RHMEROVW20070/ORP30
<b>2009</b>  <b>TECHNIP UK LIMITED</b> <b>"Skandi Vittoria"</b>	1 ea. Electrical ROV winch Left hand 1 ea. Electrical ROV winch Right hand All Electric Frequency controlled with PTS Pentagon <b>Active Heave Compensated Control System</b> <b>3 Electric motor drive in parallel</b> <b>Max power requirement 460 Kw.</b>	RHMEROVW20071/OLP30 RHMEROVW20071/ORP30
<b>2009</b>  <b>TECHNIP UK LIMITED</b> <b>"Deep Energy"</b>	1 ea. Electrical ROV winch Left hand 1 ea. Electrical ROV winch Right hand All Electric Frequency controlled with PTS Pentagon <b>Active Heave Compensated Control System</b> <b>4 Electric motor drive in parallel</b> <b>Max power requirement 615 Kw.</b>	RHMEROVW26071/OLP30 RHMEROVW26071/ORP30

## References OFFSHORE VESSELS

VESSEL/ Project	SCOPE OF SUPPLY	MODEL
<b>2009</b>  <b>OCEANEERING AS,</b> <b>Stavanger</b> <b>"Aker Barents"</b> <b>(Semisub. Drilling Rig)</b>	1 ea. Electrical ROV winches Left hand Electric Frequency controlled with PTS Pentagon Active Heave Compensated Control System <b>4 Electric motor drive in parallel</b> <b>Max power requirement 280 Kw</b>	RHMEROVW4000/OLPT90  Delivered with 90 degree spooling device.
<b>2009</b>  <b>OCEANEERING AS,</b> <b>Stavanger.</b>	1 ea. Electrical ROV winch Left hand, Electric Frequency controlled with PTS Pentagon Active Heave Compensated Control System <b>3 Electric motor drive in parallel</b> <b>Max power requirement 280 Kw</b>	RHMEROVW4000/OLPT90  Delivered with 90 degree spooling device.
<b>2012</b>  <b>TECHNIP UK</b> <b>LIMITED</b> <b>"Deep Orient"</b> <b>Metalship &amp; Docs</b>	1 ea. Electrical ROV winch Left hand 1 ea. Electrical ROV winch Right hand All Electric Frequency controlled with PTS Pentagon Active Heave Compensated Control System <b>4 Electric motor drive in parallel</b> <b>Max power requirement 615 Kw.</b>	RHMEROVW26072E/ OLP30 RHMEROVW26072E/ ORP30
<b>2013</b>  <b>EZRA Holding / EMAS</b>  <b>High Performance Work Class ROV</b> <b>Moon Pool Systems For New Build</b> <b>Vessel "Lewek Constellation"</b>	<p>The contract covers the delivery of two complete ROV Moon Pool handling systems for Ezra`s new build vessel Constellation. The systems to be supplied by Rapp are the latest generation of ROV MP handling systems designed for Work Class ROV operations down to 4000 meters in harsh weather. All winches are fully electric and each system has full redundancy and active heave compensation (AHC) for optimum operational safety.</p> <p>2 ea. High Performance WROV AHC winches with Redunancy</p> <p>2 ea. Electric Cursor Winches And Ct Umbilical Winches With Drive And Control System</p> <p>In addition to delivery of the ROV Moon Pool Handling Systems the contract covers design and partial delivery of ROV Moon Pool Hatches, ROV Moon Pool Rails (horizontal and vertical) and the ROV Skidding Pallet. Rapp Hydema will deliver the ROV Moon Pool Handling Systems in several phases to meet EZRA`s new build program for the Constellation vessel..</p>	ROVW-26072/T90  CRWD-8000
<b>2015/2016</b>  <b>TECHNIP UK</b> <b>LIMITED</b> <b>"North Sea Atlantic"</b>	1 ea. Electrical ROV winch Left hand 1 ea. Electrical ROV winch Right hand All Electric Frequency controlled with PTS Pentagon Active Heave Compensated Control System 4 Electric motor drive in parallel Max power requirement 615 Kw.	RHMEROVW26072E/ OLP30 RHMEROVW26072E/ ORP30