

# SEAWATER / COOLING/HEATING WATER / BALLAST WATER SYSTEMS STUDIED



## CLIENT

## PROJECT

|   |  |
|---|--|
| <b>ABB Lummus Global</b>                          | Al Shaheen Firewater & Seawater Systems  |
| <b>Alstom Power</b>                               | Grain LNG Heating System   |
| <b>Ameron</b>                                     | MMHE / Kinabalu Project - Seawater Systems   |
| <b>Ameron BV FPD Europe</b>                       | AIOC Central Azeri DQ Platform Seawater System<br>Central Azeri DQ Platform Cooling Medium System  |
| <b>Azerbaijan International Operating Company</b> | ACG Project DUQ & PCWU Seawater Systems<br>AIOC East & West Azeri Platform Systems - Seawater<br>AIOC Project - Cooling Medium System on PCW<br>AIOC West Azeri Platform Systems<br>Azeri - Cooling Medium<br>Azeri - Seawater |
| <b>BP Exploration</b>                             | ETAP Cooling Medium System<br>Lomond Platform Heating Medium System  |
| <b>BP Petroleum Development</b>                   | Forties Bravo Seawater Injection Pressure Tests  |
| <b>Britannia Operator</b>                         | Britannia Heating Medium System  |
| <b>British Energy</b>                             | Hartlepool Charlie Main  |
| <b>British Energy / EDF</b>                       | Hartlepool Commissioning Testing<br>Heysham II Commissioning Testing   |
| <b>Britoil</b>                                    | Clyde Field<br>Harding Facilities Tanker Loading Facilities  |
| <b>Brown &amp; Root Marine</b>                    | Fulmar A Seawater System Unsteady Flow Analysis  |
| <b>Brown &amp; Root Vickers</b>                   | Fulmar A Seawater System<br>Fulmar A Seawater System   |
| <b>Chiyoda - Foster Wheeler</b>                   | Oman LNG Project   |
| <b>Contrina</b>                                   | Sincor Downstream Project - Cooling Water  |
| <b>Doris Engineering</b>                          | Hibernia Platform Utility Riser Systems  |
| <b>EDF Energy</b>                                 | Hinkley Point Cooling Water System<br>Hinkley Point B Commissioning Testing  |
| <b>Elf Enterprise Caledonia</b>                   | Piper B Seawater System  |
| <b>Enterprise Oil</b>                             | Nelson Seawater System   |
| <b>Fluor Arabia</b>                               | YanSab Pump NRV's  |
| <b>Fluor Transworld Services</b>                  | Yanbu Petrochemical Co Cooling Seawater System   |
| <b>Foster Wheeler</b>                             | Shetland Island Terminal - Ballast Water Discharge   |
| <b>Foster Wheeler CEE</b>                         | Valorsul Cooling Water System<br>Valorsul River Water Intake   |
| <b>Foster Wheeler Energy</b>                      | Shell Stanlow Cooling Water System   |
| <b>Halliburton Canada</b>                         | Terra Nova Development - Heating Medium System<br>Terra Nova Field Development - Seawater System   |
| <b>Kellogg Brown &amp; Root</b>                   | BP Angola Block 18 Project - Seawater Water Injection  |

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| <b>M W Kellogg</b>                                | Nigeria LNG Cooling Water System<br>Nigeria LNG Project<br>Oman LNG Project<br>Qatar Shell GTL Feed Project - Chilled Water<br>Qatar Shell GTL Feed Project - Cooling Water |
| <b>Marathon Oil UK</b>                            | East Brae Development - Seawater / Firewater  |
| <b>McDermott Engineering</b>                      | Shell Fulmar Oilfield Platform-Seawater System  |
| <b>McKee Petrochem Engineers</b>                  | Shuaiba Seawater Cooling System   |
| <b>Mobil Exploration Norway</b>                   | Statfjord A LP Gas Heat Exchanger<br>Statfjord Platform A Drill Shaft Cooling Water   |
| <b>Mustang Engineering LP</b>                     | Valhall Re-Development Project  |
| <b>Newfoundland Offshore Contractors</b>          | Hibernia Development Project  |
| <b>Petroleum Development Oman</b>                 | Steady State Prog - Oman Crude Evacuation System  |
| <b>Pipex</b>                                      | Peregrino SSR Project   |
| <b>Reinertsen Vigor</b>                           | Heidrun Nordflanke Heating Medium System  |
| <b>Saudi Binladin Group - PCM Division</b>        | Madinat Yanbu Al-Sinaiyah Seawater Distribution   |
| <b>Shell International Trading &amp; Shipping</b> | GRP Ballast Water System  |
| <b>Shell UK</b>                                   | CT9 Cooling Water Distribution System   |
| <b>Shell UK Exploration &amp; Production</b>      | Fulmar Seawater System<br>Kittiwake Seawater System<br>Nelson Project - Seawater System<br>Zirku Island Cooling Water System  |
| <b>Societe Foster Wheeler</b>                     | Pars LNG Feed - Fresh Water Cooling System  |
| <b>Technip - JGC Joint Venture</b>                | Pars LNG Feed - Seawater Cooling System   |
| <b>Technip France</b>                             | Qatargas 3 & 4 Fresh Cooling Water System<br>Qatargas II - Fresh Cooling Water System<br>Ras Gas Fresh Cooling Water System   |
| <b>Technip France - Abu Dhabi</b>                 | Ras Laffan Seawater System  |
| <b>Technip Geoproduction</b>                      | Zirku Crude Oil Loading & Cooling Water Systems   |
| <b>Terra Nova Alliance</b>                        | Seawater Hydraulic Surge Study  |
| <b>Total Oil Marine</b>                           | St Fergus Hot Water Heat Exchangers   |
| <b>Tyco Engineering Services</b>                  | BP Clair Platform Seawater Lift System  |
| <b>Vipac Engineers &amp; Scientists</b>           | Nam Con Son Gas Project Seawater / Firewater System   |
| <b>Whitehouse Consulting</b>                      | Fulmar Alpha Seawater System  |
| <b>Wimpey Engineering</b>                         | Cooling Water System - ICI Severnside   |
| <b>Wood Group Engineering</b>                     | Triton FPSO - Cooling<br>Triton FPSO - Heating<br>Triton FPSO - Seawater & Water Injection  |
| <b>Woodall-Duckham</b>                            | Butadiene Cooldown System   |

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**CLIENT**

**Woodside Energy**

**Yemen LNG Company**

**PROJECT**

North Rankin Redevelopment - Seawater System

North Rankin Redevelopment - Tempered Water System

Yemen Seawater Cooling System