



KEEL MARINE LTD

Naval Architects, Marine Engineers and Surveyors

[RL009, Issue 1](#)

Reference List of Projects Involving Tugs

| PROJECT REFERENCE (DATE) | CLIENT | BUILDER or OWNER | VESSEL TYPE | SCOPE of WORK | COUNTRY of OWNER |
|--------------------------|---------------------------------|---|----------------------------|------------------------------------|------------------|
| 2687 (2017) | Environment Agency | Environment Agency | Tug | Operators Manual | UK |
| 2673 (2016) | Portland Harbour Port Authority | Po+C9:C52rtland Harbour Port Authority | Tug | Stability calculations | UK |
| 2654 (2016) | Environment Agency | Environment Agency | Pusher Tug | Build Supervision | UK |
| 2622 (2015 to 2016) | Mauritius Port Authority | Mauritius Port Authority | Azimuth Stern Drive Tug | Build Supervision | Mauritius |
| 2618 (2015) | Silverburn Shipping | Silverburn Shipping | Tug | Modifications for ice Class | Russia |
| 2616 (2015) | Silverburn Shipping | Silverburn Shipping | Tug | Crane Installation of Tegen | Russia |
| 2607 (2015) | Environment Agency | Environment Agency | Tug | Stability Book | UK |
| 2600 (2015) | Environment Agency | Environment Agency | Tug | Design | UK |
| 2595 (2014) | Environment Agency | Environment Agency | Tug | Build supervision | UK |
| 2582 (2014) | Environment Agency | Environment Agency | Inland Waterways Tug | Design | UK |
| 2577 (2014) | Silverburn Shipping | Ark Shipping | Anchor Handling Supply Tug | Winch Installation Design | UK |
| 2575 (2014) | Williams Shipping | Williams Shipping | Tug | Stability calculations | UK |
| 2571 (2014) | Williams Shipping | Williams Shipping | Tug | Design | UK |
| 2559 (2013) | Silverburn Shipping | Ark Shipping | Anchor Handling Supply Tug | Stability calculations | Russia |
| 2556 (2013) | Silverburn Shipping | Ark Shipping | Anchor Handling Supply Tug | Winch Installation Design | Russia |
| 2545 (2013) | British Naval Architects | - | Tug | Condition & Longevity Survey | Australia |
| 2505 (2013) | British Naval Architects | - | ASD Tug | Support for Tug Procurement | Australia |
| 2501 (2013) | British Naval Architects | - | Tug | Condition & Longevity Survey | Australia |
| 2462 (2011) | Land and Water | Land & Water | River Tug | Inclining & Stability Calculations | UK |
| 2436 (2011) | Land and Water | Land & Water | Canal Tug | Design | UK |
| 2430 (2011) | CITIC | Nanjing East Star Shipbuilding Co., China | Tug | Stability & Build Quality check | UK |
| 2416 (2010) | Procurator Fiscal Scotland | Svitzer Marine | Tug | Expert Witness Services | UK |



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| 2387 (2010) | Driveline | Environment Agency | Inland Waterways Tug | Survey | UK |
| 2385 (2010) | British Waterways | British Waterways | Inland Waterways Tug | Inclining Experiment & Stability Calculations | UK |
| 2384 (2010) | Driveline | Environment Agency | Inland Waterways Tug | Survey | UK |
| 2383 (2010) | Driveline | Environment Agency | Inland Waterways Tug | Survey | UK |
| 2378 (2010) | Driveline | Environment Agency | Inland Waterways Tug | Survey | UK |
| 2373 (2010) | Land and Water | Land and Water | River Tug | Design | UK |
| 2291 (2008) | Silverburn Shipping | Ark Shipping | Anchor Handling Supply Tug | Stability calculations | Russia |
| 2286 (2008) | British Waterways | British Waterways | Inland Waterways Tug | Design | UK |
| 2272 (2007) | Silverburn Shipping | Ark Shipping | Anchor Handling Supply Tug | Drawings, Design, Calculations | Russia |
| 2252 (2007) | British Waterways | British Waterways | Inland Waterways Tug | Stability Calculations | UK |
| 2250 (2007) | Silverburn Shipping | Ark Shipping | Anchor Handling Supply Tug | Feasibility Study - conversion of vessel to ice class | Russia |
| 2242 (2007) | Silverburn Shipping | Ark Shipping | Anchor Handling Supply Tug | Drawings, Design, Calculations | Russia |
| 2104 (2005) | Environment Agency | Environment Agency | Inland Waterways Tug | Calculations | UK |
| 2096 (2005) | British Waterways | British Waterways | 19.81m Inland Waterways Tug | Survey | UK |
| 2021 (2003) | British Waterways | British Waterways | River Tug | Feasibility Study | UK |
| 1967 (2002) | Land and Water | Land and Water | 6m Inland Waterways Tug | Stability calculations | UK |



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| 1904 (2001) | Land and Water | Land and Water | 6m Inland Waterways Tug | Stability calculations | UK |
| 1859 (2001) | Land and Water | Land and Water | 6m Inland Waterways Tug | Stability calculations | UK |
| 1831 (2000) | BP Norse Marine | - | Tug | Survey | UK |
| 1800 (2000) | WNV (UK) & Partners | Carmet Tug Company Ltd | 37.3m Single Screw Ocean Tug | Stability calculations | UK |
| 1789 (1999) | Land and Water | Land and Water | Inland Waterways Tug | Calculations | UK |
| 1765 (1999) | AWAL Marine | - | 38.4m Twin Screw Offshore Anchor Handling Tug | Drawings | Bahrain |
| 1683 (1998) | Alarcon | - | 13.92m Single Screw Line Handling Tug | Supervision, drawing production | Dubai |
| 1355 (1992) | National Rivers Authority | National Rivers Authority | Anchor Handling Tug | Stability calculations | UK |
| 1336 (1992) | Kuwait Ports Public Authority | - | Voith Tug | Design, calculations | Kuwait |
| 1317 (1991) | Defence Boats (DuLake) | - | 1 x 37m 30t BP Tug, 1 x 58m 80t BP Tug | Preliminary Design | Egypt |
| 1264 (1991) | Bahrain Ship Repairing & Eng. Co. (BASREC) | - | 47.13m Anchor Handling Tug | Calculations | Bahrain |
| 1210 (1990) | Bahrain Ship Repairing & Eng. Co. (BASREC) | - | 64.36m Twin Screw Tug | Calculations | Bahrain |
| 1261 (1991) | Bahrain Ship Repairing & Eng. Co. (BASREC) | - | 47.13 Anchor Handling Tug | Calculations | Bahrain |
| 1169 (1989) | Shell Seatex | - | Tug | Drafting | UK |
| 1179 (1990) | Robin A Williams & Co | - | 29m Tug | Design | Thailand |
| 1180 (1990) | Robin A Williams & Co | - | 39m Tug | Design | Thailand |



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| 1181 (1990) | Bahrain Ship Repairing & Eng. Co. (BASREC) | - | 70m Salvage Tug | Calculations | Bahrain |
| 1025 (1988) | Thames Water Authority | Thames Water Authority | 15.09m Tug | Survey | UK |
| 975 (1987) | British Waterways Board | - | 12m Single Screw Tug | Calculations | UK |
| 917 (1986) | Prior G. Engineering | Damen | 33m Twin Screw Tug | Equipment Appraisal | UK |
| 876 (1985) | Bahrain Ship Repairing & Eng. Co. (BASREC) | - | 64.36m Tug | Docking checks, calculations | Bahrain |
| 860 (1985) | British Waterways Board | - | 13.39m Tug | Design to tender, project management | UK |
| 844 (1985) | Bureau Veritas | Cleanaway Ltd | 23.47m LBP Single Screw Tug | Drawings and stability calculations | UK |
| 838 (1984) | British Waterways Board | - | 10m Pusher Tug | Drawing | UK |
| 815 (1984) | O.B.L. International | - | 24m Tug | Drawings, calculations | Cyprus |
| 754 (1983) | Royal Thai Navy | - | 22.85m Twin Screw Ship Handling & Berthing Tug | Design to tender | Thailand |
| 718 (1982) | Southern Water Authority | - | 13.26m Harbour Tug | Condition Survey | UK |
| 712 (1982) | Gray Mackenzie | - | 2 x 26.44m Tugs | Stability calculations | Bahrain |
| 693 (1982) | Bahrain Ship Repairing & Eng. Co. (BASREC) | - | 14.6m 350HP Twin Screw Tug | Design | Bahrain |
| 688 (1982) | Taylor Smith | - | 28m Tug | Project management, supervision | Mauritius |
| 643 (1981) | Crown Agents | - | 36m Fire Fighting Salvage Tug | Drawings, stability calculations | UK |
| 637 (1980) | Taylor Smith | - | 29m Twin Screw Steering Nozzle Tug | Design to tender | Mauritius |



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| 629 (1980) | Shuiaba Area Authority (SAA) | Hayashikane (Taihei), Japan | 2 x 38.3m Harbour & Coastal Voith Tugs | Project management, supervision | Kuwait |
| 543 (1979) | South Ocean Services | - | 21.3m Tug | Damage Survivability Investigation for | UK |
| 525 (1978) | Nigerian Port Authority | - | 2 x 36.58m Tug | Supervision | Nigeria |
| 499 (1978) | Appledore A&P | - | 29m Tractor Tug | Drawings | UK |
| 494 (1978) | Estalerio Navais do Mondego | - | 39m 3500HP Twin Screw Berthing Tug | Calculations | Portugal |
| 484 (1978) | Shuiaba Area Authority (SAA) | Hayashikane (Taihei), Japan | 2 x 39m 4000HP Twin Screw Tugs | Tendering, Plan Approval and Supervision | Kuwait |
| 451 (1977) | Taylor Smith | - | 40m LBP Tug for Suez Canal | - | Mauritius |
| 443 (1977) | Shuiaba Area Authority (SAA) | - | 39.4m Berthing Tug | Preliminary GA and specification | Kuwait |
| 425 (1976) | Tarmac Overseas | - | Tug | Build supervision | UK |
| 387 (1976) | Noble Denton | - | Tug | Stability Calculations | UK |
| 367 (1976) | Dredging M.B. | - | Pusher Tug | Re-engining study | - |
| 331 (1975) | Kharafi | - | 60' Single Screw Tug | - | - |
| 328 (1975) | Taylor Smith | - | 18.44m 500hp Tug | Design | Mauritius |
| 323 (1975) | Taylor Smith | - | 16.76m Tug | Design | Mauritius |
| 319 (1975) | Kenton Marine | - | 38m Twin Screw Tug | Stability Calculations | Singapore |
| 307 (1975) | Taylor Smith | Government of Mauritius | 26.8m Single Screw Tug | Design | - |



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| 293 (1974) | O.G.T. | - | 98' Pusher Tug | Design | - |
| 271 (1974) | Tsavliris | - | 44m Anchor Handling / Salvage Tug | Design | - |
| 270 (1974) | Tsavliris | - | 33.45m Harbour Tug | Preliminary Design | - |
| 251 (1974) | Scheldt Towage Company | - | 30m Fire Fighting Tug | Design | - |
| 240 (1974) | Adibi-Harris | - | 37.8m Fire Fighting Tug | Design | Iran |
| 209 (1973) | U.A.C. Timber | - | 55' LOA Twin Screw Tug | | - |
| 201 (1973) | Taylor Smith | - | 16.76m Single Screw Harbour Tug | Preliminary Design | Mauritius |
| 184 (1972) | Taylor Smith | The Government of Mauritius | 28.5m Harbour and Coastal Tug | Project management, drawings, stability | Mauritius |
| 146 (1971) | Wimpey (Marine) Ltd | Wimpey (Marine) Ltd | 23.95m Tug | Stability calculations | UK |
| 121 (1970) | Taylor Smith | Rodridgues | 14.43m Twin Screw Tug | | Mauritius |
| 113 (1970) | Taylor Smith | - | 60' LOA Pilot Boat/Tug | Design | Mauritius |
| 107 (1970) | Universal Welding & Construction Co. | - | 10.5m Pusher Twin Screw Tug | Inclining and drafting | UK |
| 73 (1969) | Taylor Smith | - | 55' Nozzle Screw Tug | Project Management, design and | Mauritius |
| 70 (1969) | MB Dredging | Motivators Ltd (Gravesend) | 10.5m Pusher Tug | Project Management – Tender | UK |
| 57 (1968) | Dunn G. | - | 40' Twin Screw Tug | Study | - |
| 45 (1968) | Africa Administration S.W. | - | 41.61m Tug | Survey | Africa |
| 11 (1965) | Holt Maritime Enterprises | James and Stone Ltd | 38.78m Twin Screw Tunnel Stern Pusher Tug | Project Management | Nigeria |



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| 9 (1966) | Shuiaba Area Authority | Mitsui | 37.8m Single Screw Berthing Tug | Project Management | Kuwait |