



KEEL MARINE LTD

Naval Architects, Marine Engineers and Surveyors

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Reference List of Projects Involving Tugs

PROJECT REFERENCE (DATE)	CLIENT	BUILDER or OWNER	VESSEL TYPE	SCOPE of WORK	COUNTRY of OWNER
2709 (2018)	Portland Harbour Port Authority	Portland Harbour Port Authority	Tug	Inclining & Stability Calculations	UK
2687 (2017)	Environment Agency	Environment Agency	Tug	Operators Manual	UK
2673 (2016)	Portland Harbour Port Authority	Portland 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