

Current

Port	Sector	No of Vessels	No of Ocean going vessels	Specialist equipment	Availability factor	Crew members (berths)	Identified Crew skills	Strength (t - bollard pull)	Speed (kts)	GRT	Duration at sea / range	Operational limitations
Weipa	QLD1	3 Tugs		Towage				28, 2x41 (H)		164, 266, 280		
	QLD2											
Cairns	QLD3	2 Tugs		Towage		4		12, 28 (H)		108, 166		
Cairns	QLD3	1 Tug	1 tug (Mollymawk)	Towage, Firefighting?	3	3	Master 4 etc. as USL requirements	5.08 (OG)	8 (max)	48.26 (max disp)	79hrs (max speed, to 30% fuel) / 710nm (max speed, to 30% fuel)	SS3 for towing duties
Mourilyan	QLD3	2 Tugs		Towage		4		30, 33 (H)		166, 167		
Townsville	QLD3	2 Tugs		Towage, Firefighting		3		2x47 (H)		308, 347		
Bowen	QLD4	2 Tugs	2 tugs (Denison, Gloucester)	Towage, Firefighting		4		2x55 (OG)		493, 493		
Mackay	QLD4	2 Tugs		Towage, Firefighting		3 - 4		41, 42 (H)		266, 397		
Gladstone	QLD5	4 Tugs, 1 Workboat	2 tugs (Tom Tough, Wistari)	Firefighting, Salvage, Towage		3		2 x 46 (OG), 60, 55, 5 (H)		400, 397 (OG) 395, 428, 50.1		
Bundaberg	QLD6	1 Tug		Towage		3		35 (H)		290		
Brisbane	QLD6	5 Tugs	1 tug (Austral Salvor)	Salvage, Firefighting, Towage		3 - 4		64 (OG), 60, 47, 41, 33 (H)		470 (OG) 395, 349, 266, 159		
Brisbane	QLD6	1 Tug	1 tug (Spring Cove)	Towage, coastal work	3	4 (8)	Master 3, Engineer 3, 2 x able seamen	27	14 (max)	222	18 days / 3192nm (9.5kts, to 30% fuel)	Safe Working Conditions (ocean going)
	NSW1											

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Newcastle	NSW2	6 Tugs		Towage, Firefighting		3		70, 60, 2x49, 2x47 (H)		243, 395, 2x496, 352, 347		
Sydney	NSW2/N SW3	7 Tugs >8tBP+ 5 Workboats	2 tugs (Woonna, Wonga)	Firefighting, Salvage, Towage		3 - 4 Workboats: 2		2x47 (OG), 3x47, 40, 28 (H)		423, 427 (OG), 365, 356, 352, 267, 224		
Sydney	NSW2/N SW3	3 Tugs	3 tugs (Seahorse Quenda, Bronze Wing and Currawong)	Towage, Firefighting?	3	3 / up to 15, 3	Master 4. USL requirements for Engineers	15 (OG), 5.08 (OG)	10 / 12, 9.13 (max)	139, 48.15 (max disp)	678hr (econ) / 6788nm (econ), 79hrs (max speed, to 30% fuel) / 710nm (max speed, to 30% fuel)	SS 5, SS 3 for towing duties
Sydney (Jervis Bay)	NSW3	1 training platform		Note: Towage not yet tested, Firefighting	3	6+	Master 4	-	10.0 / 10.5	670 (max disp)	14 days	SS 4 to conduct training, perform consort duties. Limited to SS 5/6.
Port Kembla	NSW3	4 Tugs		Towage, Firefighting		3 - 4		40, 47, 2x48 (H)		231, 347, 2x307		
Eden	NSW3	3 Tugs	1 Tug (coastal)	Towage, Salvage		4		41 (OG), 33, 26 (H)		236 (OG), 159, 235		
	VIC1											

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Melbourne	VIC2	5 Tugs	2 tugs (Tusker, Keera)	Towage, Salvage, Firefighting		3 - 4		47, 62 (OG), 46, 42, 41 (H)		427, 480 (OG), 397, 2x266		
Geelong	VIC2	2 Tugs						2x41 (H)				
Westernport	VIC2	2 Tugs	2 tugs (Cooma, Hastings)	Towage, Firefighting		3		2x50 (OG)		2x473		
Westernport	VIC2	1 Multi Purpose Vessel		Emergency Towage	3	8-11	Master 3, MED 2 (as per USL requirements)	Have not towed before. Emergency towing capability of up to 1090kN	10 (econ) / 10-12 @900 rpm (max)	2070	60 days (econ) / 14,400nm (econ)	SS 6 passage SS 3 recovery operations
Portland	VIC3	2 Tugs	2 Tugs (Cape Grant and Cape Nelson)	Cargo, towage	1	3 (11)	A minimum of Master 3 and Engineer 3; up to Master 1 and Engineer 1	36 (OG)	10 / 12	354	9 - 10 Days	Safe Working Conditions
Hobart	TAS1	4 Tugs (1 tug is a restricted harbour tug)	4 Tugs (Farm Cove - spare, Godley, Tarragal, Storm Cove)	Towage, Firefighting	2	4 (9) / 3 (9) / 4 (10) / 3 (8)	Master 4 unlimited, Engineer 2, Master 5, coxswain / as before / Master 4, Engineer 3, 2xable seamen / Master 3, Engineer 3, coxswain	3x30 (OG)	11 (max) / 10.5 (max) / 10.3 (max) / 11 (max)	209 / 260 / 299 / 224	9 Days / 9 Days / 18 Days / 8 Days (max)	Safe Working Conditions
Spring Bay	TAS1	1 Tug	1 Tug (Sydney Cove)	Towage	3	4 (9)	Master 4 unlimited, Engineer 2, Master 5, coxswain	30 (OG)	11 (max)	209	9 Days	Safe Working Conditions

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Spring Bay (Triabunna)	TAS1	1 Tug	1 Tug (Kiera)	Towage	3	4 (14)	Master 4 unlimited, Engineer 2, Master 5, coxswain	42 (OG)	11.5 (max)	221	8 Days	Safe Working Conditions
	TAS2											
Burnie	TAS3	2 Tugs	2 Tugs (Serious Cove and Fullerton Cove)	Towage	3	4 (14)	Master 1-4 limited, Engineer 1-3	42 (OG)	11.5 (max)	245	14 - 15 Days	Safe Working Conditions
Port Latta	TAS3											
Devonport	TAS3	1 Tug	1 Tug (Campbell Cove)	Towage, Firefighting	2	4 (14)	Master 1-4 limited, Engineer 1-3	42 (OG)	12 (max)	266	14 Days	Safe Working Conditions
Burnie / Launceston and Devonport	TAS3	1 Tug	1 Tug (Yorktown)	Towage, Firefighting	2	(8)	Master 1, Engineer 1, watch keeper	32 (OG)	12 (max)	270		Safe Working Conditions
Bell Bay	TAS3	2 Tugs	2 Tugs (Risdon Cove and York Cove)	Towage, Firefighting	1	3 (6/9)	Master 1-4 limited, Engineer 1-3	34 (OG)	13.6 (max)	252	6 Days	Limitations due to bulwarks
	SA1											
Port Adelaide	SA2	5 Tugs	1 tug (Tarpan)	Firefighting, Salvage, Towage		3 - 4		47 (OG), 60, 2x41, 27 (H)		426 (OG), 395, 2x266,170		
Port Pirie	SA2	2 Tugs		Towage		3 - 4		32, 12 (H)		160, 103		
Whyalla	SA2	2 Tugs	1 tug (Taminga)	Firefighting, Salvage, Towage		4		47 (OG), 30 (H)		425 (OG), 218		
Port Lincoln	SA2	1 Tug		Towage		4		40 (H)		232		
Thevenard	SA3	1 Tug		Towage		4		20 (H)		156		
Wallaroo	SA2	1 Tug		Towage		4		27 (H)		154		
	WA1											
	WA2											
Albany	WA3	2 Tugs		Towage		3 - 4		28, 42 (H)		239, 267		

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Kwinana	WA4	2 Tugs		Towage, Firefighting		3		53, 60 (H)		483, 395		
Fremantle	WA4	3 Tugs	1 Tug (Wambiri)	Firefighting, Salvage, Towage		3		61 (OG), 60, 47 (H)		470 (OG), 395, 365		
Perth	WA4	2 Tugs + 1 Workboat	2 tugs (Seahorse Chuditch, Tammar)	Towage / Towage, Firefighting	3	3, up to 15 / 4 - 6 crew (2 for workboat)	Master 4. USL requirements for Engineers	15 (OG), 35 (OG), 10 (workboat)	10 / 12, 10 / 12, 8 / 10	139, 302.48 (max disp)	678hr (econ) / 678nm (econ), 48hrs (personnel) / 900nm (max speed, to 30% fuel), 50hrs (econ - TBC) / 600nm (econ - TBC)	SS 5, SS 3 for towing duties, SS 3 for operational duties
Perth	WA4	1 Multi Purpose Vessel		Emergency Towage	3	8-11	Master 3, MED 2 (as per USL requirements)	Have not towed before. Emergency towing capability of up to 1090kN	10 (econ) / 10-12 @900 rpm (max)	2070	60 days (econ) / 14,400nm (econ)	SS 6 passage SS 3 recovery operations

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Bunbury	WA4	2 Tugs	2 Tugs (Grace, Isabelle)	Towage, pumps, compressors, firefighting, etc - can fly in supplies from Singapore	1	6	In-house safety and salvage training program. Master Class 4, Engineer Class 3.	2x43 (OG)	12 (max)	320	12 Days	Not operate in winds >40 knots (assessed by Master)
Geraldton	WA5	3 Tugs		Towage, Firefighting		3		2x30, 49 (H)		2x190, 496		
	WA6											
Apache	WA7	1 Tug		Towage		4		41 (H)		266		
Onslow	WA7	1 Tug		Towage		4		33 (H)		245		
Dampier	WA7	1 Tug		Towage		6		20 (H)		405		
Dampier	WA7	3 Tugs, 1 Support	3 Tugs, 1 Support	Cargo, firefighting, crane, winch, fuel pump, large fuel capacity	2	8 - 21	STCW 95 Qualified. No specialist ER/Salvage training	45 - 55 (OG)	10 - 13	282, 375, 565	2 weeks	Would not operate in cyclonic conditions
Dampier	WA7	4 AHTS	4 vessels (Far Saltire, Lady Valisia, Lady Gerda, Lady Dawn)	Towage, firefighting, fast rescue, oil recovery	2	9	Relevant Certificate: Master, 1st Mate, 2nd Mate, Engineers, etc	180, 142, 136 (max), 130 (OG)	10-12 / 16.3, 13, 11 / 15, 10 / 14	2642, 1972, 1997, 1768		Safe Working Conditions
Dampier	WA7	4 Tugs	4 tugs (Edwina, Olivia, Gillian, Claudine)	Towage, pumps, compressors, firefighting, etc - can fly in supplies from Singapore	2	3 - 12	In-house safety and salvage training program. Master Class 4, Engineer Class 2.	2x55, 2x50 (OG)	13.7 (max), 12 (max)	2x470, 2x478	15 days	Not operate in winds >40 knots (assessed by Master)
	WA8											

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Cockatoo Island	WA9	1 Tug		Towage		4		14 (H)		103		
Bayu Undan Gas Field	WA10	2 Tugs	2 tugs (Celine, Celeste)	Towage, Firefighting	1	9	Master Class 1 or 2, Engineer Class 1 or 2	2x56 (OG)	10 / 13.7	2x495	3 weeks	
Darwin	NT1	2 Tugs		Towage, Firefighting		4		22, 41 (H)		116, 163		
Darwin	NT1	1 AHTS	1 vessel (Lady Audrey)	Towage, firefighting, fast rescue, spray booms	2	9	Relevant Certificate: Master, 1st Mate, 2nd Mate, Engineers, etc	147 (OG)	10 / 13	1978		Safe Working Conditions
Darwin	NT1	3 Tugs	3 tugs	Towage, pumps, compressors, etc - can fly in supplies from Singapore	3	3	In-house safety and salvage training program	40 - 70 (OG)				Most weather conditions (assessed by Master)
Darwin	NT1	1 Tug + 1 Workboat	1 tug (Quokka)	Towage, emergency pump	3	3 for inshore, 5 for survey, 2 (for workboat)	Master 4 etc. as USL requirements	10 (OG), 10 (workboat)	9 (normal) / 11.3 (max), 8 / 10	110 (max disp)	4 days (personnel) / 750nm @ 10.5kts, 50hrs (econ - TBC) / 600nm (econ - TBC)	SS 3 for towing duties, SS 3 for operational duties
	NT2											
	NT3											
Singapore		1 tug	1 tug (Albatross)	Towage	1			100 (OG)				