

MARINE



CENTREPORT'S TUGS AND PILOT LAUNCHES



TUGS

CentrePort has two purpose built tugs and two pilot launches.

Tiaki is a modern Damen 2411 ASD tug, built in Haiphong, Vietnam and delivered to Wellington on 13 February 2008. Bollard pull is 68 tonnes. *Tiaki* means 'to care for or protect'. The vessel's plates were cut on 4 September 2006. The hull was built in modules under cover before being assembled in dock. The vessel was launched on 2 December 2007 and trials were undertaken on Halong Bay – where the tug exceeded all contractual requirements. Her delivery voyage took a month with a stop at Madang for fuel. *Tiaki* was No.14 in the 2411 series.

Tapuhi is a sister vessel to *Tiaki* but she was built at the Damen Changde Shipyard, Hunan Province, China. Her plates were cut in September 2011, she was launched in December 2012 and delivered on 6 April 2013 after a similar delivery voyage to *Tiaki*, but she sailed from Shanghai instead. Trials were held in Changde and Shanghai. *Tapuhi* is No.64 in the 2411 series. Her name means 'to nurse' and her name also perpetuates the name of an old steam tug which had previously served on Wellington Harbour for many years and which had made heroic efforts to assist *Wahine* when she foundered.

PILOTED SHIPS ASSISTED

1381

BY OUR TUGS LAST YEAR

The ASD 2411 class of tug is a very successful model. Since the delivery of *Tiaki*, Damen Shipyards had delivered a further 50 vessels.

Data sheets for the vessels follow;

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PILOT LAUNCHES

Tarakena

Tarakena is a purpose built Striker launch, built by Wanganui Engineering in 1993. She is 14 metres long and has a service speed of 17 knots. The vessel is powered by two Detroit diesels. Crew is two persons.



Te Haa

Te Haa, is a purpose built pilot Camarc Pilot launch, built by Q-west in 2017. She is 18 metres long and has a service speed of 24 knots. The vessel is powered by two Scania diesels and propelled by twin Hamilton Jets. Crew is two persons.



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GENERAL INFORMATION			
Name of Ship	Tapuhi	Fuel Consumption	Approx 150l/ h
MNZ Number	134696	Number/Capacity of Fuel Tanks	4 tanks plus 2 header tanks (total 68.2 tonnes at 98% capacity tonnes)
MSA Official Number	876266	Number of Berths	4 permanent
IMO Number	9647435	Total Crew	Crew: 3 – Harbour Ops. 4 – positioning & outport voyages
LR Class	100A1 TUG LMC UMS IWS	Number of Passengers	Nil during towing operations
Name and Address of Owner	CentrePort Limited, PO Box 794, Wellington	Radio Class	VHF x 2
Port of Registry	Wellington	Signal Letters	ZMG2705 MMSI 512003558
Builders	Damen Shipyards Changde, Hunan Province, China	Tow Winch/Windlass	Ridderinkhoff make. Brake holding 150 tonnes. Pull 30 tonnes. Windlass warping pull 2.3 tonnes
Date of Build	2013	Anchors	275m of 19mm chain, 5 shackles on each. 2 x Pool HHP anchors 360kg weight each
Gross Tonnage	250	Fire Fighting	No external firefighting system
Register Tonnage	75	Number of Life rafts	2 x 6 persons
Overall Length	24.47m	Colour of Hull	Red
Register Length	23.95m	Capacity of Fresh Water Tank	8.6 tonnes
Breadth	10.70m	Date of Last Docking	Launched December 2012
Depth	4.6m		
Number/Type of Engines	2 x Caterpillar 3516B TA HD/ D		
Total Engine Power	2 x 2088 kW each @ 1600rpm (2 x 2800 HP @ 1600 rpm)		
Propulsion	Azimuthing stern drive – Aquamaster US255 prop units		

OPERATING CRITERIA AND PARAMETERS	
Tug Operations	Yes
Normal Operating Areas	Wellington harbour waters
Maximum Number of Persons Onboard	Bunks for 4 persons
Maximum Life Saving Appliances Provided For	6 persons
Maximum Push/Pull	68 tonnes ahead, 63 tonnes astern
Maximum Speed	12.5 knots
OPERATING LIMITS	
Enclosed Water Limits	1: Part 20 Inshore Limits (Turakarei/Karori) and
Inshore Limits	2: Part 20 Enclosed Water Limits (Pencarrow/Palmer Hd)

MARINE



GENERAL INFORMATION			
Name of Ship	Tiaki	Fuel Consumption	Approx 150l/hr
MSA Number	133203	Number/Capacity of Fuel Tanks	4 tanks plus headers (total 63.6 tonnes)
MSA Official Number	876425	Number of Berths	4 permanent plus 2 Pullman type
MSA Class	N/A	Total Crew	Harbour Ops – 3. Positioning output voyages – 4
LR Number	9411898	Number of Passengers	Nil during towing operations
LR Class	100A1 TUG LMC UMS	Radio Class	VHF x 2
Name and Address of Owner	CentrePort Limited, PO Box 794, Wellington	Signal Letters	ZMT 2686
Port of Registry	Wellington	MMSI	MMSI-512000322
Builders	Damen Shipyards Gorinchem at Song Cam Shipyard, Hai Phong, Vietnam (Damen JV)	Tow Winch/Windlass	Ridderinkhoff make. Brake holding 150 tonnes. Pull 30 tonnes. Windlass warping pull 2.3 tonnes
Date of Build	2007	Anchors	275m of 19mm chain, 5 shackles on each. 2 x Pool HHP anchors 360kg weight each.
Gross Tonnage	250	Fire Fighting	1200m ³ /hr – single monitor
Register Tonnage	75	Number of Life rafts	2 x 6 persons
Overall Length	24.47m	Colour of Hull	Red
Register Length	23.95m	Capacity of Fresh Water Tank	8.6 tonnes
Breadth	10.70m	Date of Last Docking	Nov 2007 (completion of build) Mar 2008 (warranty repairs)
Depth	4.6m LL draft (98% condition): A5.3m F4.4		
Number/Type of Engines	2 x Caterpillar 3516B TA HD/D		
Total Engine Power	2 x 2088KW each @ 1600rpm (2 x 2800HP @ 1600rpm)		
Propulsion	Azimuthing stern drive – Aquamaster US255 prop units		

OPERATING CRITERIA AND PARAMETERS	
Tug Operations	Yes
Normal Operating Areas	Wellington harbour waters
Maximum Number of Persons Onboard	6 persons
Maximum Life Saving Appliances Provided For	6 persons
Maximum Push/Pull	68 tonnes ahead, 63 tonnes astern
Maximum Speed	12.5 knots
OPERATING LIMITS	
Inshore Limits	Part 20 Inshore Limits (Pencarrow/Palmer Hd) and
Enclosed Water Limits	Part 20 Enclosed Water Limits (Turakarei/Karori)