RICHARD TIDE as shown
CHIASSON TIDE similar

Vessel Characteristics

Length, Overall:	233.4 ft	71.2 m
Beam:	52.5 ft	16 m
Depth:	22.3 ft	6.8 m
Maximum Draft:	21.6 ft	6.6 m
Minimum Height:	80 ft	24.4 m
Freeboard:	3.3 ft	1 m
Displacement:	4,700 lt	4,770 mt
Deadweight:	2,510 lt	2,550 mt
Clear Deck Space:	120 x 42 ft	36.6 x 12.8 m
Clear Deck Area:	5,080 ft^2	470 m^2
Deck Strength:	1,020 lb/ft^2	5 t/m^2

Class Notations:
ABS: +A1, +AMS, +DPS-2, (E),Towing Vessel, AH, FFV-1, OSV

TIDEWATER®
CHIASSON TIDE

Niigata Class 9,390 BHP
Anchor Handling Tug

Last update: 3/30/2016

TIDEWATER® CHIASSON TIDE

Capacities

Deck Cargo:	980 lt	1,000 t
Fuel Oil:	316,000 gal	1,200 m^3
Potable Water:	43,900 gal	170 m^3
Fresh Water:	107,000 gal	400 m^3
Drill/Ballast Water:	175,000 gal	660 m^3
Bulk Tanks (4 tanks):	8,000 ft^3	230 m^3
Liquid Mud (22 lbs/gal):	1,300 bbl	210 m^3
Fire Fighting Foam:	2,210 gal	8.4 m^3

Machinery

Main Engines (2):			WARTSILA W7L32
Total HP:			9,390
Propellers (2):			WARTSILA:4 Blade, 3.6m, CPP
Kort Nozzles:			2
Primary Generators (3):	590 kw	450 v	60 hz
Driven by:			CAT 3412 TA
Secondary Generators (2):	1,290 kw	450 v	60 hz
Driven by:			Shafts
Emergency Generators (1):	95 kw	450 v	60 hz
Driven by:			CAT C4.4
Bow Thruster (2):			NAKASHIMA TCT-165
Driven by:			Electric Motor 700 kw
Total Thrust:		23.5 st	21.3 mt
Stern Thruster (1):			NAKASHIMA TCT-150
Driven by:			Electric Motor 575kw
Total Thrust:		9.6 st	8.7 mt

Performance

(Approximate values assuming Ideal Conditions)		
Fuel Consumption Vs Speed		
Maximum:	40 m^3/day (440 gph) @ 15 knots	
Cruising:	33 m^3/day (360 gph) @ 14 knots	
Economical:	21 m^3/day (230 gph) @ 12 knots	
Standby:	1.5 m^3/day (17 gph) @ 0 knots	
Range @ 12 Knots:		14,800 nm
Bollard Pull	130 st	120 mt
Transfer Rates		
Fuel Oil:	530 gpm @ 270 ft	120 m^3/h @ 82 m
Fresh Water:	530 gpm @ 260 ft	120 m^3/h @ 80 m
Drill/Ballast Water:	530 gpm @ 260 ft	120 m^3/h @ 80 m
Bulk:	33.3 cfm @ 190 ft	56.6 m^3/h @ 57 m
Liquid Mud:	330 gpm @ 250 ft	75 m^3/h @ 75 m

Tow/Anchor Handling

Winch:	MacGregor Plimsoll
Model:	PC-AHTW/WF-200/300 (300T BRAKE)
Line Pull:	200 mt
Tow Wire:	1000 m of 65 mm
Work Wire:	1000 m of 65 mm
Pennant Reels (1):	1000 m of 65 mm
Shark Jaw:	1 x 300 mt
Tow Pins:	1 x 300 mt
Chain Lockers (2):	1,290 m of 70 mm chain
Chain Handler:	2 x 70mm Chain
Stern Roller:	Plimsoll 2m x 5m; 300 mt SWL

Deck. Equip.

Anchors (2):	AC 14, 1575kg
Anchor Chain:	440 m of 40 mm chain per side
Crane:	5 t @ 11.9 m
Capstans (2):	10 t PC-HVC-10 (15M/MIN)
Tugger (2):	10 t Plimsoll PC-HUW 10DR-400 (24M/MIN)

Nav/Comms Equip.

Radar(s):	2
Depth Sounder:	1
Gyro Compass:	3
Doppler Log:	1
Radio:	2 x VHF; 1 x SSB
Sat Com:	1xINMARSAT-C

Accommodations

Nº of Berths:	35
1-man cabins: 7	2-man cabins: 14
Certified to Carry:	35
Galley seating:	28
Hospital:	Yes

Special Equip.

Firefighting:	FiFi-1
Dynamic Positioning:	Kongsberg K-POSDP-21
Ref. Systems:	2 x MRU; 2 x DGPS 1 x Laser-based
Water Maker:	5T/day
Rescue Boat:	SOLAS Approved FRC

Registration

Flag:		VANUATU
IMO Nº:		9412919
Year Built:		2009
Builder:		NIIGATA SHIPB & REPAIR
Call Sign:		YJQQ6
Tonnage (ITC):	2465 GT	781 NT

NOTICE: The data contained herein is provided for convenience of reference to allow users to determine the suitability of the Company's equipment. The data may vary from the current condition of equipment which can only be determined by physical inspection. Company has exercised due diligence to insure that the data contained herein is reasonably accurate. However, Company does not warrant the accuracy or completeness of the data. In no event shall Company be liable for any damages whatsoever arising out of the use or inability to use the data contained herein.

Last update: 3/30/2016