

VESSEL SPECIFICATIONS



Anchor Handling Tug Supply Vessel – SEA PRESTIGE

KEY FEATURES

Designed by Conan Wu to carry out general services for the offshore industry and fitted with DP2 system and FiFi I, for standby/service duties.

It is fitted with a waterfall double drum winch with large capacity suitable for towing, anchor handling and offshore terminal operations.

87T BP, DP2

420 m2 deck area

7,200BHP, 64.8m LOA

FiFi 1, 112m3 chain lockers

28 persons accommodation

MAIN CHARACTERISTICS

Vessel Name	CRONUS P
IMO Number	9377614
Year Built	2007
Builder (Place built)	Yangzhou Dayang Shipbuilding Co. Ltd., China
Flag	Panama
Port of Registry	Panama City
Official No.	51355-20
Call Sign	H9CY
Classification Society	Class NK
Class Notation	I + Hull, + Mach, Tug, Supply Vessel Fire Fighting Ship I Water spray, Unrestricted navigation, + AUT-UMS + DYNAPOS-AM/ATR (Class 2)
Length Overall (LOA)	64.80 m
Breadth Moulded	16.00m
Depth Moulded	5.80m
Draft, designed	4.90m
GT/NT	1966/590
DWT at max draft	1500 Tons
Bollard Pull	87 TBP

ACCOMMODATION

Berths	6 x single cabins = 6 5 x 2 men cabins = 10 3 x 4 men cabins = 12 Total = 28 persons accommodation composed of fully air-con
1 office, 1 hospital, 2 mess/day rooms, laundry, galley, provision rooms, stores.	

FUEL CONSUMPTION

At 100% MCR	23m3 /day @ 14 kts
At 85% MCR	15m3/day @ 11 kts
Economical Speed	12m3/day @ 9 kts
Type of Fuel	Marine Gas Oil

PROPULSION MACHINERY

Main Engines	2 X MAK, Total 7200 BHP/5280 kW
Propellers	2 CPP, dia: 2,900 mm in Kort Nozzles
Rudders	2 x Ulstein High Lift Flap type
Bow Thruster	2 x 500 kW tunnel, electrically driven CPP
Stern Thruster	1 x 500 kW tunnel, electrically driven CPP
Shaft Generator	2 x 1600 kVA @ 1800 rpm, 2x 450V 60 Hz
Aux. Generators	2 x 440 kVA @ 1800 rpm, 2x 450V 60 Hz
Emergency Generators	1 x 110 kVA @ 1800 rpm, 1x 450V 60 Hz

ANCHOR HANDLING / TOWING

Main Winch	1 electro-hydraulic low-pressure winch composed of 2 declutchable drums in waterfall arrangement each equipped with:
Drum Size	Dia. 900/2,090 mm x 1,800 mm length
Drum Capacity	1,500 m of 2 1/4" steel wire rope
Brake holding load	225-ton 1st layer
Rated Pull	150-ton 1st layer at 0-8.4 m/min
Spooling device	Combined for both drums
Cable Lifters	2 of 3" and 2½"
Storage Wire Reel	1 electro-hydraulic unit with 1 drum Pull @ 1st layer: 12 t at 0-18 m/min Capacity: 1500 m of 2 - 1/4" wire, Size: 800/ D: 2200 mm L: 1500 mm
Shark Jaw	2 Sets of 250 SWL tons each
Towing Pins	1 pair of vertical/retractable type, 250 t SWL
Stern Roller	1 X 250 mt SWL, L: 5000 mm D: 2700 mm
Tugger Winches	2x 11 t at 25m/min
Capstans	2x 10 t at 14m/min
Deck Crane	1.7 t @ 14 m

CAPABILITIES & PUMP RATES

Cargo Deck Area	420 m2 (33x13m)
Deck Cargo	5.0 t/m2, 800 t @0.9m above deck
Fuel Oil	600m3 – 1x120 m3/h @7 bars
Fresh Water	445 m3 – 1x120 m3/h @ 7 bars
Drill Water	464 m3 – 1 x 120 m3/h @ 7 bars
Liquid Mud/Brine	392 m3 – 1 x 120 m3/h @ 7 bars
Chain Locker/Brine	112 m3
Bulk Cement	170 m3 – 4 tanks – sg 2.35/ 2 products, 2 air compressors- 2 x 20 m3/min at 5.6 bars
Dispersant	20 m3
Foam	18 m3
Chain lockers	112 m3

SPECIAL EQUIPMENT

FiFi	Class 1
Water Monitors	2 x 1,200 m3/h at 12 bars (with foam capacity 300m3/h)
Pumps	2 x 1,500 m3/h at 14 bars (with deluge system)

ELECTRONICS/DYNAMIC POSITION SYSTEM

NAVIGATION

2 radars, 1 gyrocompass, 1 magnetic compass, 1 digital echo-sounder, 1 speed log, 1 GPS, 1 autopilot system.

COMMUNICATION

1 radio system compliant with GMDSS A3 rules including:

1 SSB duplex DSC, 2 INMARSAT C, 2 VHF, EPIRB, SART, NAVTEX,

1 INMARSAT F, E-mail and on-board computer network system, Intercom system with facilities in each room

DYNAMIC POSITION SYSTEM

Comply with class notation DYNAPOS AM/ATR (class 2)