

POE MARINE (S.E.A.) PTE LTD

35 PIONEER ROAD SINGAPORE 628503

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MV PIONEER 3705 – 3700 BHP **ANCHOR HANDLING TUG**

PRINCIPAL PARTICULARS

Port Of Registry : Singapore
Call Sign : 9V8392
Official No. : 395712
Year Built : 2009
Class : American Bureau Of Shipping
Notation : * Hull * Mach Tug (Unrestricted)
Type : Anchor Handling Tug
IMO No. : 9578701
Flag : Singapore
Owner/Operator : POE Shipping Pte Ltd



DIMENSION

Length Overall : 38.00 m
Length Waterline : 36.70 m
Breadth Moulded : 11.80 m
Depth Moulded : 4.80 m
Draft Moulded : 3.80 m
GRT : 483 MT
NRT : 145 MT

PERFORMANCE

Trial Speed : 12.0 knots at trial condition
Type of fuel : Marine Gas Oil

CARGO CAPACITIES

Deck Cargo :
Deck Strength :
Clear Deck Area : 160 m²
Fuel Oil : 344 MT
Fresh Water : 80 MT
Freezer : 8 m3 (-18^o C temperature)
Chiller : 8 m3 (+4^o C temperature)
Foam : NIL
Detergent : NIL

PROPULSION SYSTEM

Main Engine : 2 x 1,850 BHP (NIIGATA 6MG28HX)
Shaft Alternator : Rated output of 1380 kW
Auxiliary Generator : 3 x 220 Hp / 164 kW
Emergency : 1 x 72 Hp / 47 kW
Generator :
Bow Thrusters : 1 x 3 MT
Stern Thruster : Nil
Steering Gear : Twin Disc (6:1)
Propulsion : 1 x FPP

DECK EQUIPMENT

Windlass : 1 x 3.7 MT @ 15M/MIN
Anchor : 2 x 780 kg Stockless Anchors
Anchor Chain : 165 m x 24 mm Ø port & starboard
Capstan : 2 x 5 MT
Tugger Winch : 2 x 5 MT
Deck Crane : Nil

FIRE FIGHTING EQUIPMENT

External

Fifi : Fire Fighting Class 1/2
Fire pump : 1 x 35 m³/hour at 2900 rpm (16 bar)
Fire monitor : 1 x 1200 m³/hour (12 bar)

Internal

Fixed System in E/R: CO2 system in engine room
Fire Detection : All living space and Engine Room System

OTHERS

Rescue Zone : Port & Stbd Main deck
Water Maker : 1 x 6 T/ day (Sea Water Type)

TOWING & ANCHOR HANDLING EQUIPMENT

Bollard Pull : 65 MT @ 100%MCR
Tow/ AH Winch : Double Drum Waterfall Type,
Upper Drum – Ø 48 mm x 800 m (Towing)
Lower Drum – Ø 38 mm x 75 m (Anchor Handling)
Remote control from wheelhouse /local hydraulic system
Tow/ AH Pull : 50 MT @ 4 m/ min – Low Speed
(1st Layer) : 10 MT @ 15 m/ min – High Speed
Braking Capacity : 150 MT
Stern Roller : Ø 4.7 m x 1.9 m length, SWL 7.5 MT
Shark Jaws : SWL 300 MT
Tow Pins : SWL 160 MT

DISCHARGE RATES

Fuel Oil : 1 x 10 m³/ hr @ 20 m head
Fresh Water : 2 x 3 m³/ hr @ 25 m head
Bilge / Ballast Pump : 1 x 25 m³/ hr @ 35 m head
Drill Water Pump : 1 x 25 m³/ hr @ 20 m head

ACCOMMODATIONS

Berths : 2 x 1 berth cabin = 2
3 x 2 berth cabin = 6
4 x 4 berth cabin = 16
Total : 24
All cabins are fully air-conditioned

*Particulars given herein are believed to be correct but not guaranteed. Owners reserve the right to amend specifications without notification.

Revised Dated: January 2014