



ALLIANZ MIDDLE EAST



## ALLIANZ HERCULES

50M / 5150 BHP ANCHOR HANDLING TUG

### TECHNICAL SPECIFICATIONS

#### GENERAL

Keel laid	2009
Year Built/Delivered	2010
GRT / NRT	1027 / 308
Class	ABS
Class Notation	ABS +A1 (E) + Anchor Handling "Towing Service" + AMS, Fire Fighting Class 1
Flag	ST. Vincent and The Grenadines
Call Sign	J8B5717
Official Number	12190

#### DIMENSIONS

Length o.a Overall (Mld Hull)	49.95 m
Length Waterline	48.60 m
Breadth Moulded	12.60 m
Depth Moulded	5.75 m
Draft Moulded (design)	4.50 m
Draft Scantling	4.80m

#### MACHINERY

Main Engines	Caterpillar 3516B (2575BHP x 2)
Auxiliary Engine	300kW x 3, 415V, 3PH, 50Hz
Emergency Genset	90kW x 1, 415V, 3PH, 50Hz
Bow Thruster	Kawasaki (5 Tons x 1)
Propellers	Berg CPP x 2 Dia. 2650mm
Rudders	Conventional

#### CAPACITIES

Deadweight	Approx 750 t (at max. draft of 4.8m)
Portable Water	242m <sup>3</sup>
Fuel Oil	500m <sup>3</sup>
Recovered Oil	126m <sup>3</sup>
L.O. Storage (M.E)	2 x 6m <sup>3</sup>
L.O. Storage (Gensets)	2m <sup>3</sup>
Hyd. Oil	2 x 5m <sup>3</sup>
Steering Gear Oil	1m <sup>3</sup>
Freezer/Chiller (Ship's use)	2 x 5m <sup>3</sup>
Bilge Holding Tank	5m <sup>3</sup>
Sewage Holding Tank	5m <sup>3</sup>
Dirty Oil Tank	5m <sup>3</sup>
Foam	16m <sup>3</sup>
Dispersant	19m <sup>3</sup>

(Figures are Approx.)

#### PERFORMANCE

Maximum Speed	12.0 knots (100% MCR)
Endurance	45 days
Range	13000 Nautical Miles @ 12knots (Approx.)
Bollard Pull	64.1 @ max continuous rated power

#### DISCHARGE RATES

Fuel Oil	1 x 70 m <sup>3</sup> /hr @ 50m head
Portable Water	1 x 70 m <sup>3</sup> /hr @ 50m head

#### ACCOMMODATION

Crew	2 x 1 men cabin = 2 men 2 x 2 men cabin = 4 men 6 x 4 men cabin = 24 men
Total	Up to 30 men cabins
Hospital	1 x 1 man hospital

#### DECK AREA

Main Deck	2.60m
Clear Cargo Deck aft	Approx 220m <sup>2</sup>
Deck Strength	Approx 5 Ton/m <sup>2</sup>

### OUTLINE SPECIFICATION

#### RADIO & NAVIGATION EQUIPMENT

GMDSS HF/MF Radio	1 unit
VHF	2 sets
Inmarsat-C	1 set
EPIRB	1 unit
SART	2 sets
Navtex Receiver	1 set
Weather Facsimile Receiver	1 set
Radar	2 sets
Echo Sounder	1 set
Speed Log	1 set
AIS	1 set
DGPS	1 set
Gyro Compass	1 set
Auto Pilot	1 set
Magnetic Compass	1 set
Magnetic Compass	1 set

#### DECK & AUX. EQUIPMENT

Anchor Handling/Towing Winch	Upper drum c/w spooling device 150t x 6m/min 71t x 12m/min 50t x 18m/min 23.5t x 32m/min Lower drum w/o spooling device 150t x 6m/min 71t x 12m/min 50t x 18m/min 23.5t x 32m/min
Brake Holding Type	Brake Holding 200 Tonnes (Static) Hydraulic, double drum, waterfall c/w spooling device
Upper drum	56mm dia @ 1000m
Lower drum	56mm dia @ 1000m
Tugger Winch	2 x 10 Tonnes @ 15m/min
Capstan	2 x 5 Tonnes @ 15m/min
Deck Storage Reel	Hydraulic Storage 56mm dia @ 1000m
Deck Crane	2 tons x 10 m outreach
Stern Roller	3.5m x 1.5m dia. SWL 120 tons
Anchor Windlass	1 x 10 tons @ 9m/min, 38mm dia chain
Shark Jaw	SWL 200 Tonnes
Tow Pin	SWL 200 Tonnes
Anchors	Bow High Holding Type wt 970kg x 2

#### FIRE FIGHTING EQUIPMENT

External	
Fire Pump	2 x 1500 m <sup>3</sup> /hr @ 11.8 bar PTO to M/E
Fire Monitor	1 x water / foam monitor and 1 water monitor 1200m <sup>3</sup> /hr (Remote Control) meeting FIFI Class 1 requirement with water curtain
Internal	
CO2 system	For Engine Room
Fireman outfit	2 complete set
Fireman	1 fireman with hydrants (7 on various deck and 2 below main deck) with 15m canvas fire hose
Emergency Fire Pump	1 x 25 m <sup>3</sup> /hr @ 4.5 bar, electric driven

#### LIFE SAVING EQUIPMENT

Inflatable Liferaft	Solas Standard, 25 man x 2 units and 20man x 2 units
Life Jacket	Solas Standard, 38 units
Davit Launch Rescue Boat	Solas Standard, 1 unit
Life Bouy	Solas Standard, 8 units
Immersion Suits	Solas Standard

\*Particulars are believed to be correct but not guaranteed. All figures given are approximate only. Owners reserve the right to amend the specifications without notification.

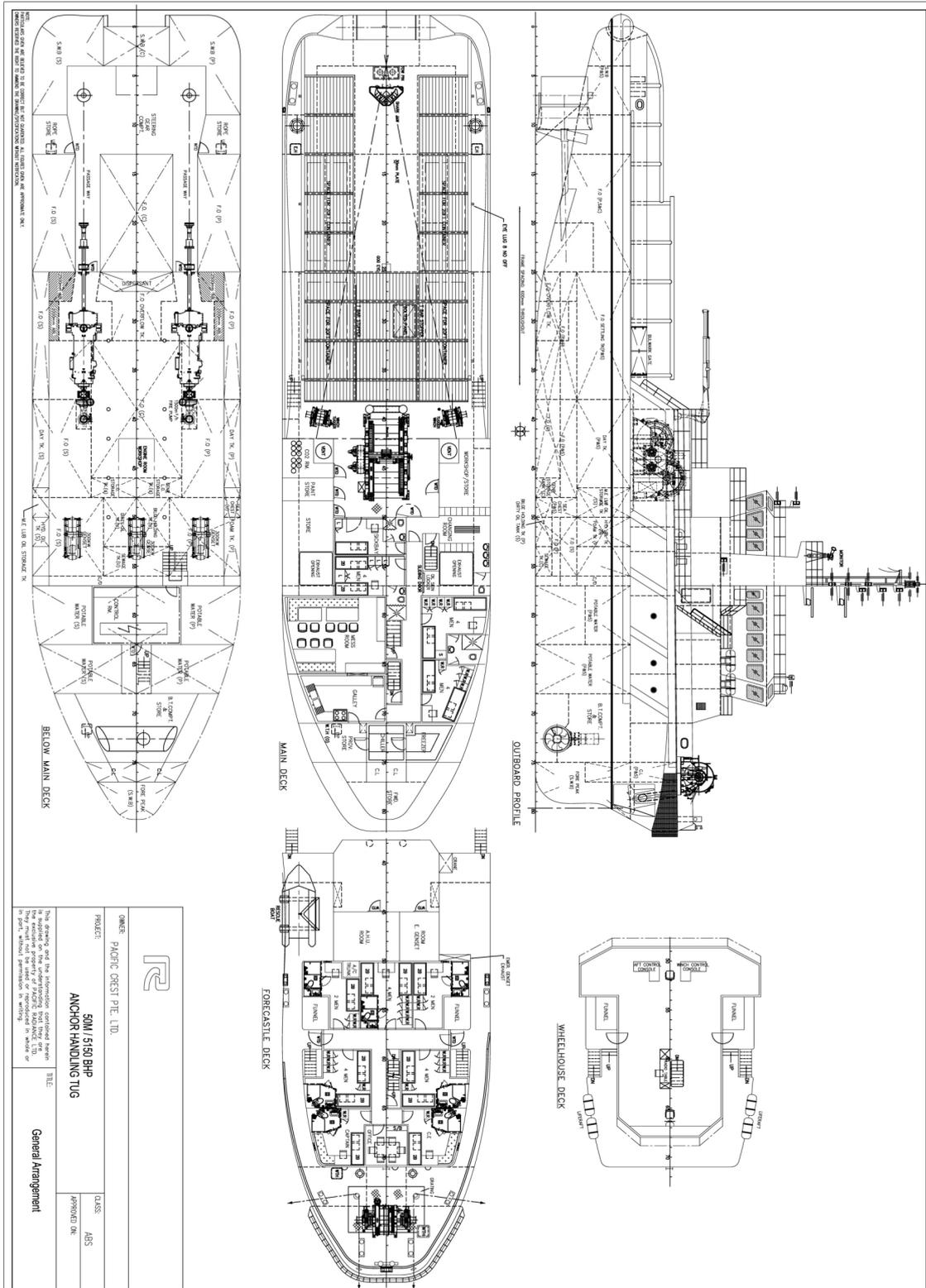


ALLIANZ MIDDLE EAST



# ALLIANZ HERCULES

50M / 5150 BHP ANCHOR HANDLING TUG



\*Particulars are believed to be correct but not guaranteed. All figures given are approximate only. Owners reserve the right to amend the specifications without notification.

