GENERAL
Reference 522002 / 522003
Basic functions Transshipment of bulk cargoes, containers and breakbulk
Classification Lloyd's Register of Shipping: X 100 AT, Pontoon, *IWS
Descriptive note Crane Pontoon, manned working up to 20 nm offshore, unmanned towing
Performance dry cargo Dry bulk transshipment up to 1000 tonnes per hour
Performance containers 20 ft and 40 ft containers, handling with manual-, semi- or full automatic spreader
Flag St. Vincent and the Grenadines

DIMENSIONS
Length moulded 63,00 m
Beam moulded 23.50 m
Depth at sides 4,50 m
Draught scantling 2,50 m
Draught design 3,50 m
Deadweight max. 1,720 ton
Working deck 880 m² (10 ton/m²)

TANK CAPACITIES
Fuel oil 238 m³
Fresh water 87 m³
Sewage & Grey water 80 m³
Lub. oil 5 m³
Dirty oil / Sludge 10 m³
Bilge water 5 m³
Water ballast 1,756 m³

CRANE PERFORMANCE
Make and type Liebherr CBG 350
Operation Prepared for Grab, Containers or hook
SWL sheltered water 45 ton @ 12-36 m (excl. attachments)
SWL open sea operation 35 ton @ 12-36 m (excl. attachments)
Hoisting speed (35 T) 0-60 m/min
Hoisting speed (45 T) 0-46 m/min
Luffing time 12-36 M 63 sec.
Simultaneous speed with 2 Full load and speed motions
Simultaneous speed with 3 Slowing and Luffing at full load and speed, hoisting 60% (after acceleration)

AUXILIARY EQUIPMENT
Main generator set 2 x Caterpillar C18
Back-up generator 1 x Caterpillar C18
Power each 545 kVA / 436 ekW (1800 rpm), 440 V, 60 Hz
Harbor generator set 1 x Caterpillar C4.4
Power 95 kVA / 76 ekW (1800 rpm), 440 V, 60 Hz

DECK LAY-OUT
Anchor mooring system 4 DMT Electric double drum winches
Anchors 3 Anchors
Towing brackets 3 Towing brackets
JIB rest Slim design, with optional positioning system
Deck covering 440 m² fir wood
Container fittings For 28 TEU or 14 FEU locations or a combination
With a stack load of 50 ton
Fender system 1/3 steel pipe fenders, Tyre fenders
Life rafts 2 inflatable life rafts for 6 persons
Workboat Dinghy with davit on aft deck

ACCOMMODATION
Accommodation with pantry, change room, office and cabins for a maximum of 12 persons, provided with ventilation, air conditioning and heating.

NAUTICAL AND COMMUNICATION EQUIPMENT
Navigation lighting and communication system according Classification

OPTIONAL EQUIPMENT
Grab equipment Optimized grabs, grab storage
Container equipment Semi- or Full Automatic Container spreader
JIB rest inclination system Hydraulic cylinder and controls for positioning the JIB rest forward to have more clearance and 5° backward for servicing the sheaves
Classification Lloyd’s Register of Shipping: Assisted Propulsion
Thrusters aft 2 x 323 kW deck mounted thruster system
Nav / Naut Navigation equipment in combination with the optional thrusters
Towing gear Towing bride

TRANSSHIPMENT CRANE BARGE 6324
Floating crane for Bulk, Container and Breakbulk
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