

Vessel Specifications

TSA SKARDON

Floating Crane Barge



GENERAL

Type of Vessel: Transshipment of bulk cargoes, containers and breakbulk

Builder: Damen Shipyards (ID: 522003)

Classification: Lloyd's - 100 AT, Pontoon, *IWS, manned working up to 20 nm offshore, unmanned towing

Flag: St.Vincent and the Grenadines

IMO: 9809746

MAIN DIMENSIONS

Length OA: 63,00 m

Breadth: 23.50 m

Depth: 4,50 m

Draught design: 2.50 m

Working deck: 880 m² (10 ton/m)

Gross Tonnage: 2020T

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.

Performance: Dry bulk transshipment up to 1000 tonnes per hour

AUXILIARY EQUIPMENT

Main generator set: 2 x Caterpillar C18

Back-up generator: 1 x Caterpillar C18

Power each: 545 kVA / 436 kW (1800 rpm), 440 V, 60 Hz

Harbor generator set: 1 x Caterpillar C4.4

Power: 95 kVA / 76 kW (1800 rpm), 440 V, 60 Hz

ACCOMMODATION

Accommodation with pantry, change room, office, and cabins for a maximum of 22 persons, provided with ventilation, air conditioning and heating

NAUTICAL AND COMMUNICATION EQUIPMENT

Navigation lighting and communication system according Classification

DECK LAY-OUT

Mooring system: 4 DMT Electric double drum winches

Anchors: 3 Anchors

Towing brackets: 3 Towing brackets

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

Deck covering: 440 m2 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

OPTIONAL EQUIPMENT

Grab equipment: Optimized grabs, grab storage

Container equipment: Semi-, or Full Automatic Container spreader

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 bridle

