

CRANE BARGE “TOLL SURALAYA”



CONSTRUCTION DETAILS

Flag / Port of Registry	: Indonesia / Jakarta
Year of Build	: 2004
Length B.P./Length O/A.	: 87.78 M
Beam	: 24.38 M
Depth	: 5.49 M
Dead Weight	: 5700 Tonnes
GT / NT	: 3,540 / 1,062
Fuel Oil Tank	: 330 Tonnes
Fresh Water Tank / Ballast	: 348 Tonnes / 3428 Tonnes

MACHINERY

Main Generator Engines	: 2 x units Cummins Generator set model QST30GC4, rated 800kw/1000kva prime rating, 0.8 p.f, 240/415V, 3 phase, 1500rpm, 50Hz, 24V starting and charging DC system
Auxiliary Generator Engines	: 1 unit 4BT3.9G3 Cummins, 40kw / 50kva, 415V / 50 Hz. 1 unit CUMMINS Powered Sentry diesel generator set model CBG 51 rated 51KW @ 63.75 KVA prime rating 0.8 power factor lagging, 3 phase, 415 volts, 50Hz .

DECK MACHINERY & PERFORMANCE

Deck Crane : MacGregor Deck Crane, Model K 3030-4HD,
Min. Radius at 6m, Grab min 30 Tonnes, max 32.5 Tonnes
Max. Radius at 30m, Grab min 30 Tonnes, max 32.5 Tonnes

DECK EQUIPMENT

Anchor Windlass : Hydraulic Wire Drum Anchor Windlass Winch Model AWD-HY 8T
Capacity 8 tons on 1st layer with drum for wire Dia 34mm x Length 700Ft, supply power pack 25hp

Capstan : 4 x Hydraulic Vertical Capstan Model VT SP-5T, Capacity of 5 Tons with 2 x power pack 25Hp, single speed system.

Yokohama Fender : 3 x Yokohama pneumatic rubber fender P-50, complete with chain-net, shackles, rubber sleeves and used air craft tyres. Size 1.2m dia x 2.0m length

Security System (CCTV) : 1 set of Digital Surveillance System, c/w 4 x Stainless Steel color Dome Camera with high resolution, 8 x Channel digital Video Recorder, 500GB for 30 Days recording. Internet Access VIA Nera HUB, 512kbps/512kbps, configuration for Satellite Transmission

Telecommunication : ICOM M-710 150W SSB transceiver.

Crane Barge's General Arrangement

