



STARZS ASD TUG[®] 3211

“OSAYAME”

GENERAL

YARD NUMBER 511219
 DELIVERY DATE January 2010
 BASIC FUNCTIONS Towing, line handling, escorting, fire-fighting and Pollution control, push/pull
 NAME MV Osayame
 CLASSIFICATION Lloyd's Register
 100 A1 Escort Tug () LMC UMC
 Fire-Fighting Ship 1 with water spray
 FLAG Nigerian
 OWNER Starzs Investments Company Ltd., Nigeria

BUILDING YARD

NAME Damen Shipyards Cape Town
 COUNTRY South-Africa

DIMENSIONS

LENGTH O.A. 32.22m
 BEAM O.A. 11.24m
 DEPTH AT SIDES 5.00m
 DRAUGHT AFT 5.35m

TANK CAPACITIES

FUEL OIL 171.7m³
 FRESH WATER 55.9m³
 FOAM 15.2m³
 LUBRICATION OIL 7.2m³
 BILGE WATER 2.5m³
 DISPERSANT 6.4m³
 WATER BALLAST 48.3m³

PERFORMANCES (TRAILS)

BOLLARD PULL AHEAD 68.8 ton (m)
 BOLLARD PULL ASTERN 64.4 ton (m)
 SPEED 13.5 knots
 SPEED ASTERN 13.3 knots

PROPULSION SYSTEM

MAIN ENGINES 2X Caterpillar 3516B TA HD/D
 TOTAL POWER 4180 bkW (5605 bhp) at 1600 rpm
 AZIMUTH THRUSTERS Rolls Royce US 255
 SLIPPING CLUTCHES Twin Disc MCD HD Type
 PROPELLER DIAMETER 2600 mm fixed pitch

AUXILIARY EQUIPMENT

MAIN GENERATOR SET 2X Caterpillar C4.4 TA, 107KVA
 230/400V 50Hz
 2X Sterling, AKHK 6101, 34 m³/hr at 10 m.w.g.
 Facet 0.5m³/hr, Marpol approval
 Sterling AKHK 5101, 20 m³/hr at 14m.w.g.
 2X Kvaerner 1400 m³/hr
 2X Albach 1200 m³/hr
 Hamworthy ST 1A
 Westfalia OTC 2-02-137

DECK LAY-OUT

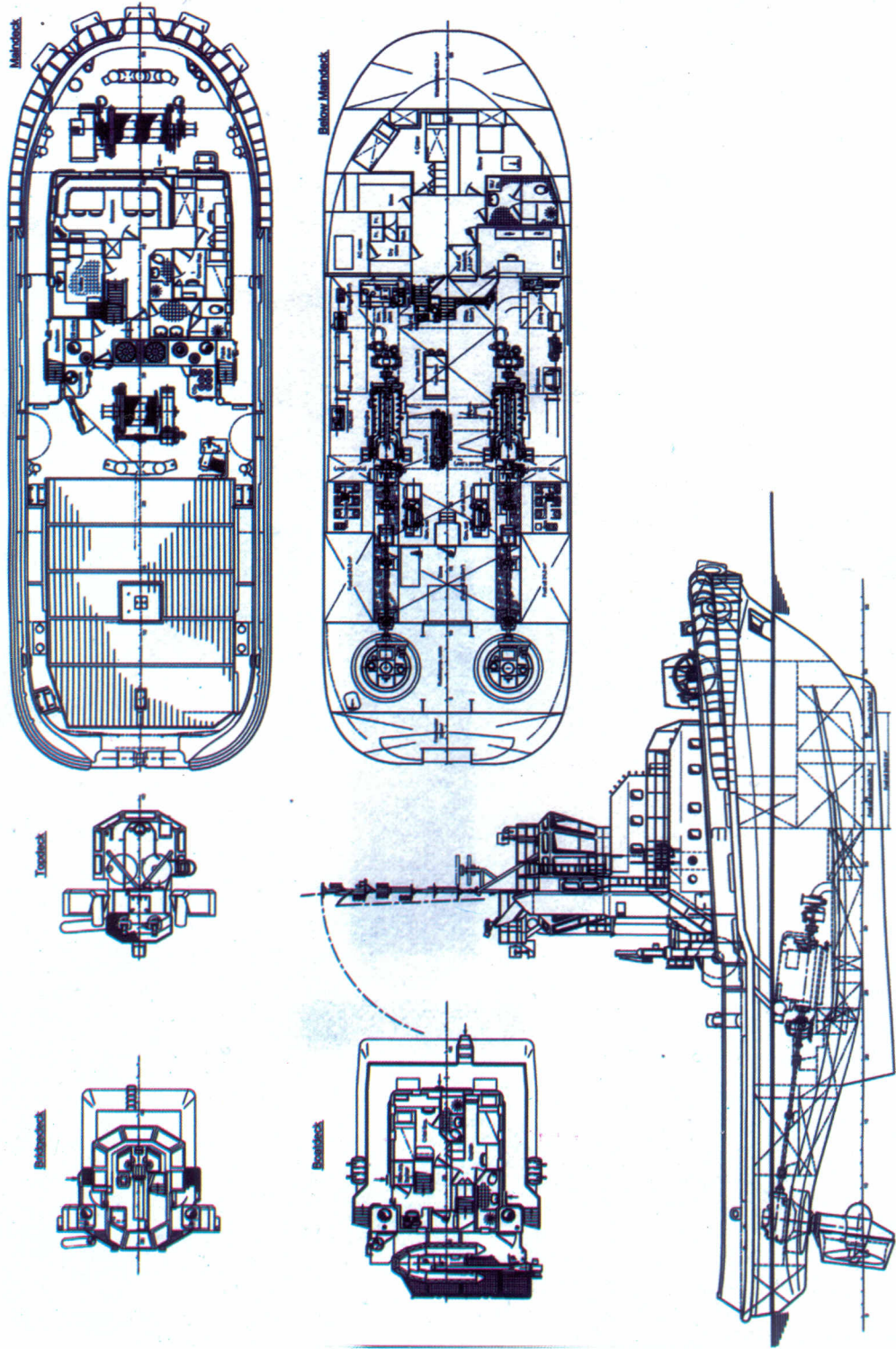
ANCHOR 2X 495 kg Pool (High Holding Power)
 ANCHOR/TOWING WINCH Kraaijeveld, hydraulically driven 82.0 ton up to 6 m/min, 150 ton brake
 TOWING WINCH AFT Kraaijeveld hydraulically driven 60.0 ton up to 8 m/min, 150 ton brake
 TUGGER HOOK Mampaey SWL 70 ton
 TUGGER WINCH 5 ton at 18 m/min

ACCOMMODATION

Air-conditioned accommodation spaces for 12 crew and one owner rep, Consisting of 6 cabins, stores, galley, mess room and sanitary spaces.

NAUTICAL AND COMMUNICATION EQUIPMENT

SEARCHLIGHT 2X Pesch, 450 W (Xenon)
 RADAR SYSTEM 2X Furuno FR-8062
 GYRO COMPASS Plath, Navigat X MK2
 AUTOPILOT Simrad AP-50
 GPS Furuno GP-150
 ECHOSOUNDER Furuno LS-6100
 VHF/DSC 2X Furuno RT5022
 SSB/DSC Furuno Fs 1570
 INMARSAT Furuno Felcom 15
 AIS Furuno FA-150
 NAVTEX Furuno NX-700
 ANEMOMETER Windsonic OMC 115



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