GENERAL
YARD NUMBER 523910
DELIVERY DATE December 2012
BASIC FUNCTIONS Deck Cargo, RoRo Cargo for crane operations
CLASSIFICATION Lloyd’s Register of Shipping: X100AT
FLAG Saudi Arabia
OWNER Al Saad General Contracting
DIMENSIONS AND CAPACITIES
LENGTH O.A. 54.30 m
BEAM O.A. 23.50 m
DEPTH AT SIDES 4.50 m
DRAUGHT DESIGN 3.00 m
DEADWEIGHT 2500 ton
DECK AREA 700 m²
DECK STRENGTH 20 ton/m²
DECK THICKNESS 16 mm
WATER BALLAST 2950 m³

CRANE PERFORMANCE
MAKE Liebherr
TYPE LR 1400-2
ENGINE 6-cylinder, 270 kW
SWL 228 ton @ 8 m, 26 ton @ 44 m
MAIN BOOM 549 m
HOOK BLOCK 250 ton, 2 x 125 ton
COUNTER WEIGHT TOTAL 155 ton

AUXILIARY EQUIPMENT
GENERATOR SET 1x Caterpillar C4.4
POWER 1x 94 kW, 440 V, 60 Hz

DECK LAY-OUT
ANCHOR MOORING SYSTEM 4 DMT Electric mooring winches
ANCHORS 4 Flipper type anchors
TOWING BRACKETS 2 Towing brackets SWL 200 ton
DECK COVERING 700 m² fir wood
CONTAINER FITTINGS For 2 TEU
FENDERING Airplane tire fenders of 1100 mm diameter

STANDARD EXECUTION
BOARDING LADDERS 2 on SB and 2 on PS in recesses of the hull
CATHOLIC PROTECTION Zinc anodes on underwater part of the hull
MANHOLES Flush single point closing manholes
EMERGENCY TOWING PIN 1 pc. flush mounted in the bow
RAMP RECESS RoRo ramp recess at bow and stern
BALLAST PUMP One 400 m³/h ballast pump
BILGE PUMP Manual bilge pump
LIGHTING & VENTILATION Lighting and ventilation in pump room

NAUTICAL EQUIPMENT
Navigation lighting according Classification.
DAMEN STAN PONTOON 5224
"SAIF AL KHALEEJ"