

# Multipurpose Spud Pontoon AL DANA 1



## PRINCIPAL CHARACTERISTICS

### General Data

Name	Al Dana1
Type:	Multipurpose barge with spuds
Flag	St. Vincent
Port of Registry	Kingstown
Built by	Yizheng Xinyang shipbuilding Co. LTD. China
Year of construction:	2008 / upgraded in 2011
Yard Number	394482
Owner:	Middle East Dredging Company Q.S.C.
Classification Society	American Bureau of Shipping
Gross Tonnage (GT)	2306
Nett Tonnage (NT)	691



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Dimensions and Weight	
Length overall(LOA)	76.2 m
Breadth overall:	24.4 m
Moulded depth:	4.88 m
Draught max.	3.88m
Weight (lightship)estimated	1450 t
Height above waterline	3.7 – 3.6m
Deck load	15.0 T/m (max)
Deadweight	4965t
Spuds :	2 units
Diameter	1800 mm
Length	36 m
Weight	54 ton
Additional Data	
Hydraulic Winches :	4 anchor winches 85 ton 2 mooring winches 35 ton 1 ramp hauling winch 30 ton
Wire poles:	4 pieces dismountable wire poles
Fairleads:	4 pieces(front-aft) + 2 pieces (SB)
Hydraulic power pack :	1 x C18 600 HP
Generator :	2 x 150 KVA Olympian QXE 150 2
Ramps :	1 Fixed shore to shore ramp 6m wide x 12m long 1 Slidable ship to ship ramp 6 m wide x 19,2 long
Bunker capacity :	
Diesel Fuel Oil	70 m <sup>3</sup>
Potable water	70 m <sup>3</sup>
Ballast tanks	6 tanks
Fixed Accommodation:	C-Deck: ➤ Observation room B- deck: ➤ Washroom ➤ Meeting room ➤ Galley ➤ Food store ➤ Office



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Additional Data	
	<p>A-deck:</p> <ul style="list-style-type: none"><li>➤ Engineer workshop</li><li>➤ Generator room</li><li>➤ Changing room</li><li>➤ MSB room</li><li>➤ STP room</li><li>➤ HPU</li><li>➤ Reefer</li><li>➤ Co<sup>2</sup> room</li><li>➤ Paint store</li></ul> <p>Decklevel:</p> <ul style="list-style-type: none"><li>➤ Chemical store</li><li>➤ Oil storage tanks</li><li>➤ Deck workshop</li><li>➤ Off-shore boarding platform</li></ul> <p>Pumproom</p>
Fuel supply station	2 fixed fuel supply station at PS(front-aft)

