








SIANNA

Self Elevated Jack Up Barge

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The Sianna is a four-legged, self-elevating jack-up unit for accommodation, construction, maintenance. She is specifically designed to withstand harsh offshore environments and conditions and is capable of operating in water depths up to 62 meters all year round. The unit offers permanent accommodation for 50 Persons on Board (POB).

Main features:

-  Main crane capacity 300 t
-  Accommodation 50 pob
-  Max water depth 62 m
-  Deck space 600 m²

Main data

GENERAL		CONTACT INFORMATION	
IMO:	8758988	VSAT:	+47 23 67 76 62
Callsign:	J8B6201	Iridium:	+88 16 77 12 06 61
Mmsi:	N/A	Local:	+241 74 17 74 85
Gross Tonnage:	N/A	Email:	sianna@dixstone.com
Net Tonnage:	N/A		
Deadweight:	N/A	DIMENSIONS	
Year of Build:	1979	Length:	42.6 [m]
Upgraded:	2009	Max length:	64.0 [m]
Place of Build:	N/A	Breadth:	40.0 [m]
Flag:	St. Vincent and the Grenadines	Depth:	4.90 [m]
Port of registry:	Kingstown	Loadline draft:	2.92 [m]
Owner:	N/A		
Design:	MSC(Marine Structure Consultants)		
Class:	Self-Elevating Accommodation Unit		

Main data

DECK	
Deck capacity:	5.0 t/m ²
Deck space:	600 m ²

LEGS	
Number of legs:	4
Max Water Depth:	62 [m]
Length of legs:	84.20 [m]
Type of legs:	Square box-type
Spud Can details:	22 [m ²]

HELICOPTER DECK	
Suitable:	S61-N including refueling
D-value (Meters):	22 [m]
Safe Working Load (Tonnes):	9.3 [T]
Compliant:	Cap 437, BSL D 5-1, HCA

POWER GENERATION	
Electricity Diesel/	2 x 945 Kva 50 Hz
Electric:	2 x 410 Kva 50Hz
Emergency Diesel	1 x 90 Kva
Generator:	

JACKING SYSTEM	
Type jacking system:	MSC hydraulic positive engagement system
Capacity:	1750 [T] preload per leg
Average speed:	9 [m] per Hour

VARIABLE LOAD	
Operational:	665 [mt]

LIFE SAVING EQUIPMENT	
Rescue Boat:	1 Work Boat
Lifeboats/Type:	2 x 61 person (98 kg)
Liferafts/Type:	4 x 25 persons

Details in this specification are correct at the time of publishing. However they may differ from time to time due to project specific alterations. Upon request project specific arrangements and specifications can be provided.

ENVIRONMENTAL SURVIVAL CRITERIA	
Water depth (LAT) Summer *:	40.0 [m]
Water depth (LAT) Winter:	32.0 [m]
Wave height:	13.0 [m]
Airgap:	18 [m]
Period:	11.5 sec
Current:	1.0 [m/s]
Wind speed:	37.0 [m/s]
Standard soil penetration:	2.0 [m] (typical)

MOORING SYSTEM	
Mooring winches:	2x double drum, 25 [T], 500 m wire
Achors:	4 x 5.0 [T]
Anchor type:	Delta Flipper

CRANES	
Starboard Crane:	Palfinger Type : PSM 1800 Main Boom Length : 22.3 [m] Capacity: 6.0 [mt] - all radius from 4.0 [m] to 22.3 [m]
FWD Crane:	Huisman 300 mt PMOC crane Max: 300 [T] @ 11.8 [m] radius Min: 30 [T] @ 61 [m] radius

ACCOMMODATION	
Capacity:	Grand Total 50 POB **
Facilities:	Laundry, Mess room, Stores, Recreation rooms, Galley, Sport Room, Change/ Locker room, Hospital facilities, Helicopter, Administration, Offices

OTHER RELEVANT INFORMATION	
Fuel Consumption - Steaming N/A	
Fuel Consumption - On full Load N/A	

* Depending on soil and weather criteria.

** The maximum POB with TLQs is limited by lifesaving appliances present as standard on board. Additional life saving appliances will lead to an increase in the maximum allowable POB.

