

HEA

Garibaldi



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HEA Garibaldi

A highly versatile Jack up Barge designed to support a wide range of offshore operations in support of both oil & gas and wind energy, including construction, maintenance, well service, and accommodation work scopes.

With a robust structure, spacious deck layout, high POB capability and adaptable configuration, she is well-suited for both shallow and mid-depth marine environments.

General Information

Type:	Self-Elevating Jack up Barge
Design:	WMMP
Built:	2027
Builder:	CSSC-WMMP, China
Class & Notations:	ABS A1, Accommodation Services, Self-Elevating Unit, ©*, AMS, ACCU, DPS-2, SMART (INF, MHM Tier2, SHM Tier2), CPS, CR, CRC (OC-PL), ENVIRO-OS, HELIDK, BWT, UWILD
Flag:	Panama
IMO:	1153579

Principle Dimensions

Length overall LOA:	96.8m
Hull length:	78.0m
Hull breadth:	43.2m
Total beam (BOA):	43.2m
Hull depth:	6.5m
Draft:	3.65m
Variable load:	2200t
Load capacity:	7.5t/m2
Main deck area:	1600 m2

Helideck

Type/ Diameter:	Aluminum / 22.2m
Capacity:	12.6 Tons
Helicopter type:	Sikorsky S61N-S92N / CAP 437

Legs and Spud cans

Number/Type:	4 / Lattice
Leg length:	118m
Spud can type:	Octagon
Spud can dimension:	10.3m x 9.64m x 2.1m
Spud can bearing area:	92 m2
Spud can bearing pressure:	48 t/m2

Jacking System

Type:	Electric rack and Pinion
Maker:	WMMP
Pinion per leg:	24/leg (Total 96)
Elevating speed:	0.8m/min - 1.0m/min
Normal jacking:	3600t/leg - 150t/pinion
Pre-load jacking:	5280t/leg - 220t/pinion
Max normal holding:	5280t/leg - 220t/pinion
Storm holding:	8640t/leg - 360t/pinion

Generators and Machinery

Main generator:	6 x CAT 3512C 1300kW @ 1500 rpm
Emergency generator:	1 x 300 kW @ 1500 rpm
Water maker:	2 x 80 m3/day
STP:	400 POB

Cranes

Main crane

Maker:	WMMP
Type:	Leg encircling crane
Boom length:	63m
Capacities:	300t @ 14-15m, 30t @ 60m Aux; 50t@ 16.6-40m, 10t@ 67.7m
Hooks above main deck:	Main hook: 63m Aux hook: approx. 71m

Auxiliary crane

Maker:	WMMP
Type:	Pedestal offshore crane at SB
Capacity:	50t @ 6m-10m, 12t @ 35m

Safety Systems

Lifeboats:	3 x 150 POB
Life rafts:	12 x 25 Men
MOB/Fast rescue craft:	1 x 6 POB

Propulsion

AFT thrusters:	2 x 2000kW WMMP (FPP)
FWD thrusters:	2 x 1200Kw Kawasaki (CPP)
Service speed:	6 knots

Tank Capacity

Fuel oil:	590 m3
Fresh water:	458 m3
Ballast water:	2134 m3
Brine water:	347 m3
Endurance:	60 Days

Operation Conditions

Criteria	Wind	Hs	Current
Field transit:	10.3 m/s	2m	-
DP	10.3 m/s	2m	1.03m/s
Jacking:	10.3 m/s	2m	1.03m/s
Water depth:	75m		

Accommodation and Facilities

Configuration:	Current	Northern Europe
1 Man cabins:	14 Cabins	14 Cabins
2 Men cabins:	42 Cabins	103 Cabins
2 Men in TLQs:	-	-
4 Men cabins:	61 Cabins	-
4 Men in TLQs:	-	-
Total POB:	300 POB	220 POB

Facilities

Galley, mess room, client offices, meeting room, recreation rooms, gymnasium, changing rooms, coffee rooms, sick bay, Helli reception/ departure facilities, laundry, stores, workshops, Starlink VSAT and DP-PRS.