

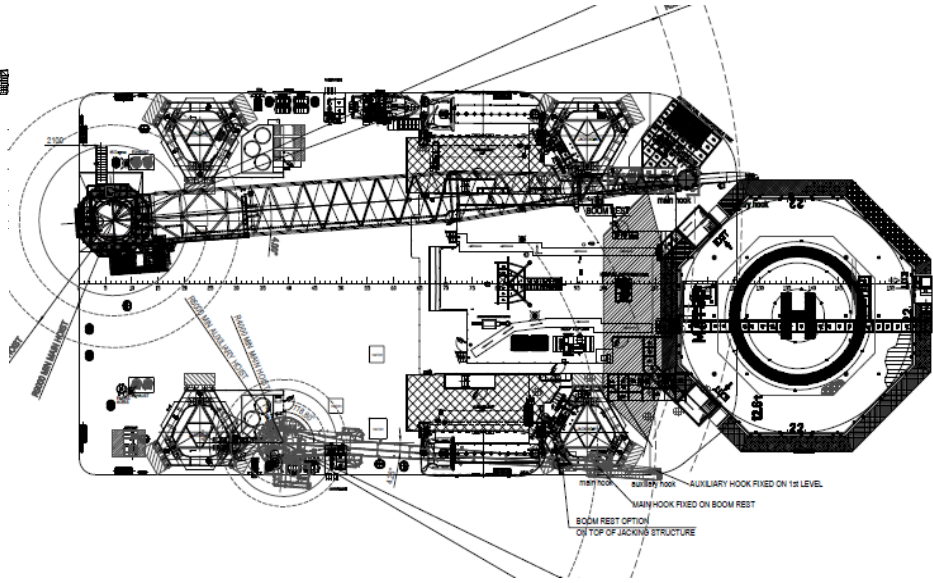
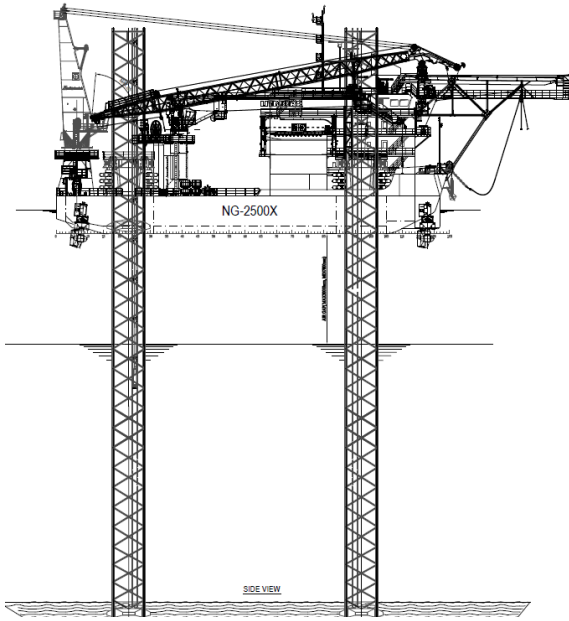
MATSU

 **SEAFOX**



Matsu is a new build GustoMSC NG2500X self-propelled, self-elevating unit for accommodation and offshore support work, designed for working in harsh environments. Built in 2017, she is a DP2 class MOU with accommodation for 150POB and a 22m helideck to support the largest offshore helicopters. She has a maximum water depth capability of 70m and a 300t Huisman crane with a 60m reach. With over 1400m² of free deck space and approx 1350t variable deck load, she is a very capable offshore support unit, suitable for maintenance, accommodation and crane support and a variety of other projects. The DP2 control system becomes especially important in areas of congested and critical seabed infrastructure. A high quality of life exists on board thanks to a high standard of accommodation, leisure facilities and additional health and well-being amenities.

DP2 Accommodation & Multi-functional Support Unit



GENERAL

Name	Matsu
Flag / P.O.R.	Panama
Design	Self Propelled /Self Elevating/DP2
Year built	2017
Class	ABS A1, Self Elevating Unit, AMS, ACCU, DPS-2, HELIDK, CRC, Wind IMR, HAB(OS)
Callsign	3FFT7
IMO nr.	9788643
Environmental Conditions	Air -10DegC -50DegC/ Water 4DegC - 36DegC

DIMENSIONS

Hull length	61 m
Max length over all	76 m incl. Helideck
Breadth	36 m
Depth	6 m
Loadline draft	4.0 m Extreme Draft inc Thrusters 6.3m
Gross Tonnage	5784GT

DECK

Deck capacity	10 t/m ² at cargo area, 5 t/m ² elsewhere
Deck space	1495 m ²

LEGS

Number of legs	4
Type	Triangular Truss, X Bracing.
Max Water Depth	70 m
Length	94.20 m
Spudcan Depth Below Hull	Fully Recessed into Hull
Spud Can details	Diamond Shape 6.0 m x 6.9 m x 2.26 m, Footing Area 30 m ²

HELICOPTER DECK

Suitable	S61N, S92
D-value	22.2 m
Safe Working Load (Tonnes)	12.6T
Compliant	CAP 437 & CAAP 71

POWER GENERATION

Electricity Diesel/Electric	4 x CAT 3512C. 1789bKW
Emergency Diesel Generator	1800 rpm, ABB Generator, 690v, 60Hz 1 x CAT C18 DITA Diesel engine, 1800 rpm, 599bKW, 440v, 60Hz

JACKING SYSTEM

Type jacking system	Electric VFD Rack & Pinion , Gusto Type GLL 50/6, 18 pinions per leg, 72 total
Capacity	2750 mt preload per leg
Speed	Variable speed to Max 1.2 m/min

VARIABLE LOAD

Jacking/Elevated	1341 mt
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LIFE SAVING EQUIPMENT

Lifeboats/Type	2 x TEMPSC 150 man, one each side
Liferafts/Type	12 x 25 POB Drop Type
Rescue Boat	1 x 15 man diesel waterjet FRC, 30 kts

OPERATIONAL ENVIRONMENTAL SURVIVAL CRITERIA

Water depth	70 m
Wave height	5 m
Airgap	10 m
Period	5 sec
Current	2.14 m/s
Wind speed	48.5 m/s

PROPULSION

Thrusters/Propulsion	4 x FP Azimuths, 1500 kW, 606kN Thrust
	Located one at each corner
Speed	7 knots

CRANES

Main Crane Aft	Huisman Max 300t@15m, Min 50t@55.5m
Starboard Crane	Whipline 30t@60m. API2C. Zone 2 Boom Liebherr 15t@30.6m, Whipline 5t@35.5m

ACCOMMODATION

Capacity	150 POB
Facilities	Recreation rooms, gymnasium, cinema, Conference rooms, Sr & Jr mess hall, laundry

OTHER RELEVANT INFORMATION

Fuel Storage Capacities	466 t
Potable Water Storage Capacity	423 t
Water Maker Capacity	2 x 45 tpd RO Units
Gangway	1 x 15 m

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.