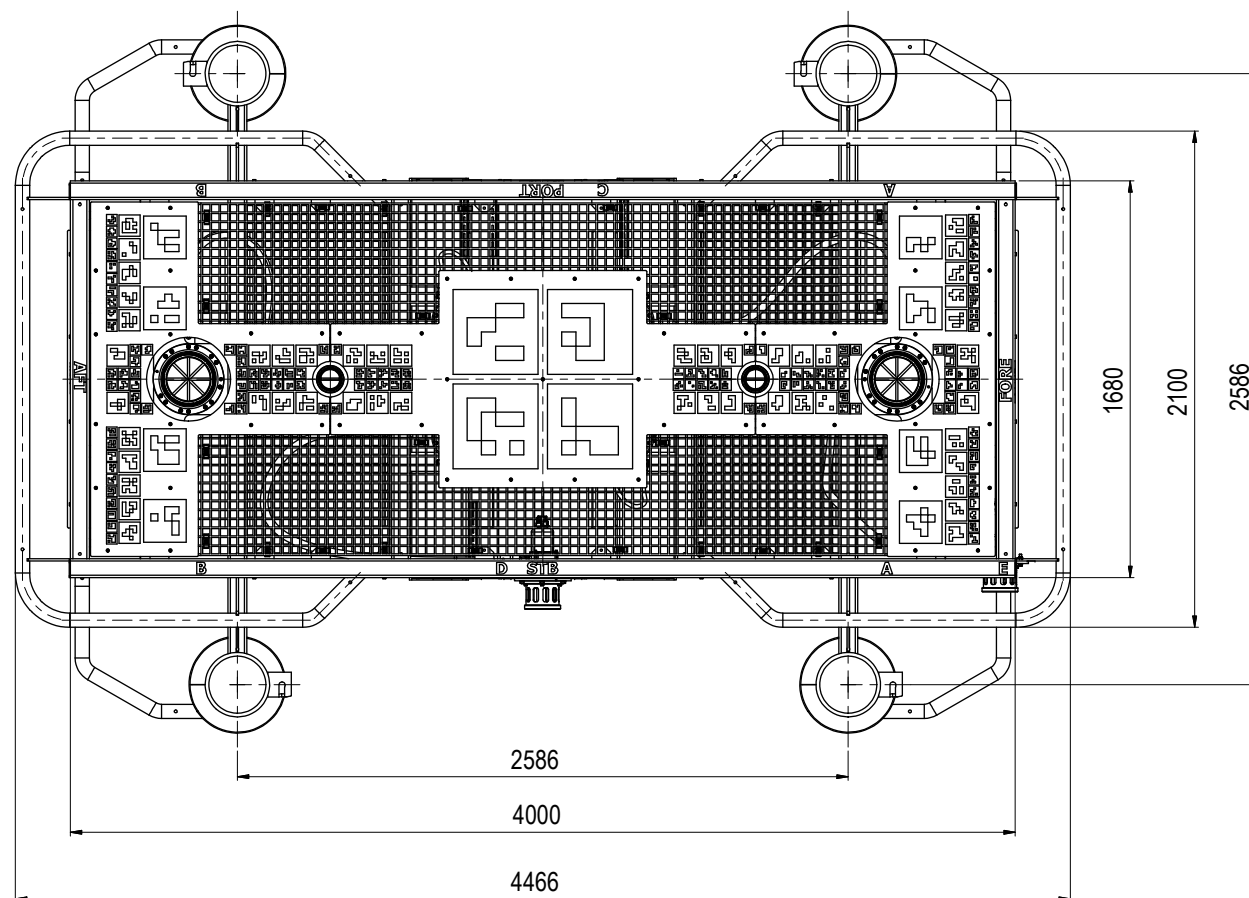
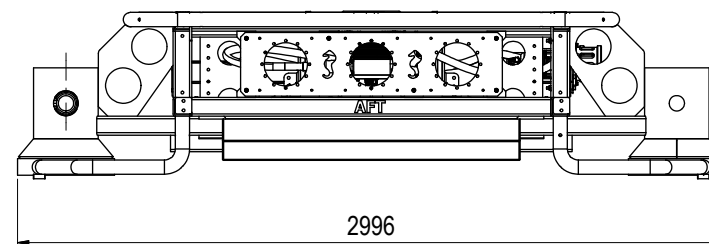
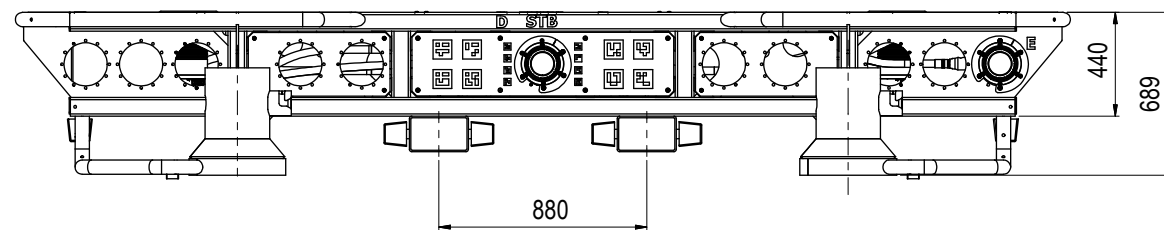




NOTE: 1

DESIGN CODE:
TR1231/ API17H

NOTE: 2

TECHNICAL CLASSIFICATION:

Article Type: 017-Drone Charging
Main Group: 17.01. UID Charge Station
Intermediate Group: 17.80.03. Docking Module
Sub Group: 17.80.384.01. Steel Structure

NOTE: 3

INTERFACE INFORMATION:

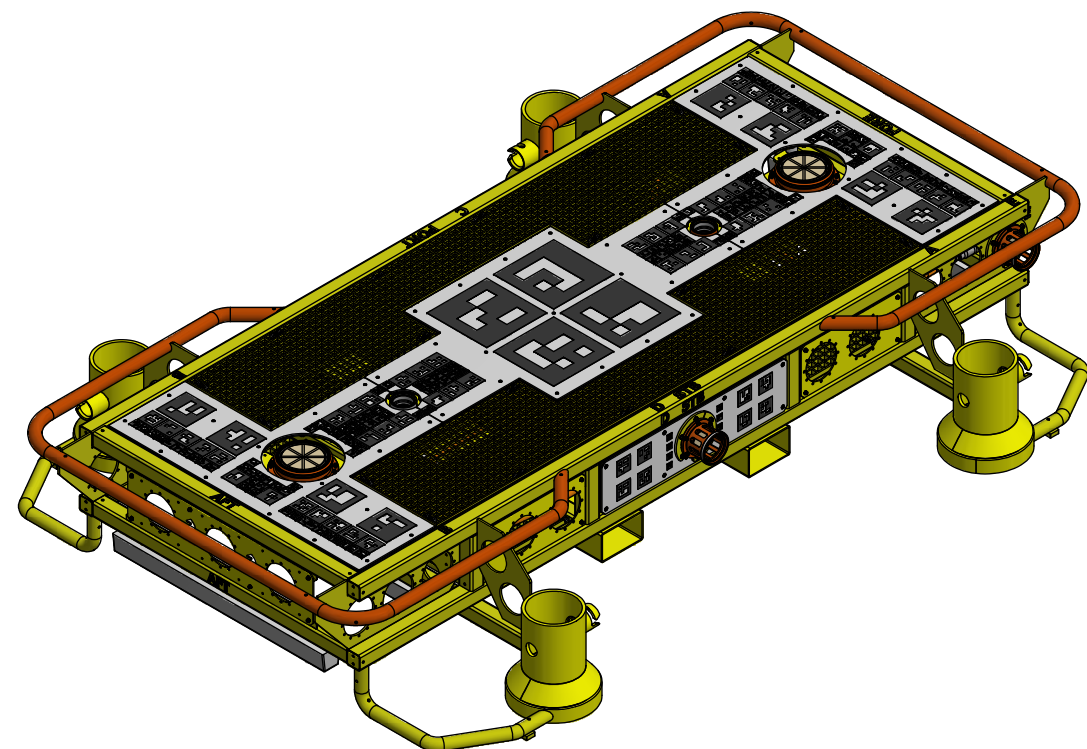
Pressure Rating Bar: N/A
Design Water Depth: 500m
Material: N/A
Weight: 2423,8 kg
Volume: 449,22 dm³
Submerged Weight: 1963,33 kg
Surface Area: 1042006 cm²
Hydraulic: N/A
Mechanical: Fork Lift & 13,5T MD Interf.
Electrical: 600 VAC
Com. & Protocol: N/A

NOTE: 4

ADDITIONAL INFORMATION:

The Subsea Docking Module is designed for inductive charging and data communication for Underwater Intervention Drones (UID's). Designed and equipped in accordance with API 17H and TR1231, Appendix D.

The SDM is equipped with 2 off Blue Logic USB D (2kW) inductive connectors and 2 off Blue Logic USB B (250W) inductive connectors. Both connector types allows for electrical power and Ethernet +RS485 communication. Equipped with ArUco code system to aid unmanned navigation and docking by UID's. This SDM is configured for permanent installation at the Johan Sverdrup field.



Rev.	Date	Reason for issue	Revision change	Made	Chk'd	Appr.
03	28.11.2023	9-IFU (Issued for Use)		WTJ	EKJ	WTJ
02	26.1.2021	9-IFU (Issued for Use)		WTJ	TGU	WTJ
01	19.8.2020	9-IFU (Issued for Use)		WTJ	LGH	WTJ

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Dwg Scale:
NTS
Dwg Proj:
Dwg Format:
A3

Drawing title:
Subsea Docking Module Johan Sverdrup

Drawing number:
BB4530

Rev.
03