INO 240000 FPSO™

- Customized for Brazil

A state-of-the-art FPSO designed for efficient and safe operations. The design focus has been to obtain a well planned arrangement with safe and reliable material handling. The hull is shaped for efficient functionality, as well as easy fabrication. Further, the system architecture and design allows a project execution where the project is flexible to topside integration. Consequently, the system design is based on the needs for flexibility to meet site specific topside needs. The hull can be increased to allow for storage capacity up to 320 000m^3. The INO 240 000 design has special emphasis on:

- functionality - high -efficiency, -operability and safety
- fit for purpose - compliant to Authority requirements
- flexibility - allowing different topside solutions
- fit for fabrication – uncomplicated hull with convenient spaces and routings allows easy fabrication

---

MAIN PARTICULARS:

General:

Length over all, L_{oa}	296.40m
Length L_{oa}(ext. 320 000m^3)	356.40m
Length, L_{pp}	285.00m
Breadth moulded, B	56.00m
Depth moulded, D	27.00m
Camber	0.80m
Design draught, T_s	18,50m
Min. ballast draught T_{min}	8.00m
Crude oil storage capacity	1.500.000.00bbls 240.000.00m^3
Extended capacity	2.000.000.00bbls 320.000.00m^3
Displacement at T_s	275.000.00mt
Living quarter capacit	120persons

Station Keeping System:
Internal turret, optionally external turret or spread moored

Helicopter Deck:
Designed in accordance with CAP 437, suitable for Sikorsky S-92

Safety equipment:
Escape and safety equipment according to SOLAS for 120 persons.

Regulations and standards:
- The vessel will fly flag of convenience
- Relevant ISO standards, API standards
- IMO,SOLAS and other relevant international standards

Class:
Full compliance with offshore class notations as DNV or similar.

Storage Capacities:

Fuel oil:	4 500 m^3
Potable water:	1 000 m^3
Clean slop:	4 800 m^3
Dirty slop:	4 800 m^3
Technical water:	3 700 m^3

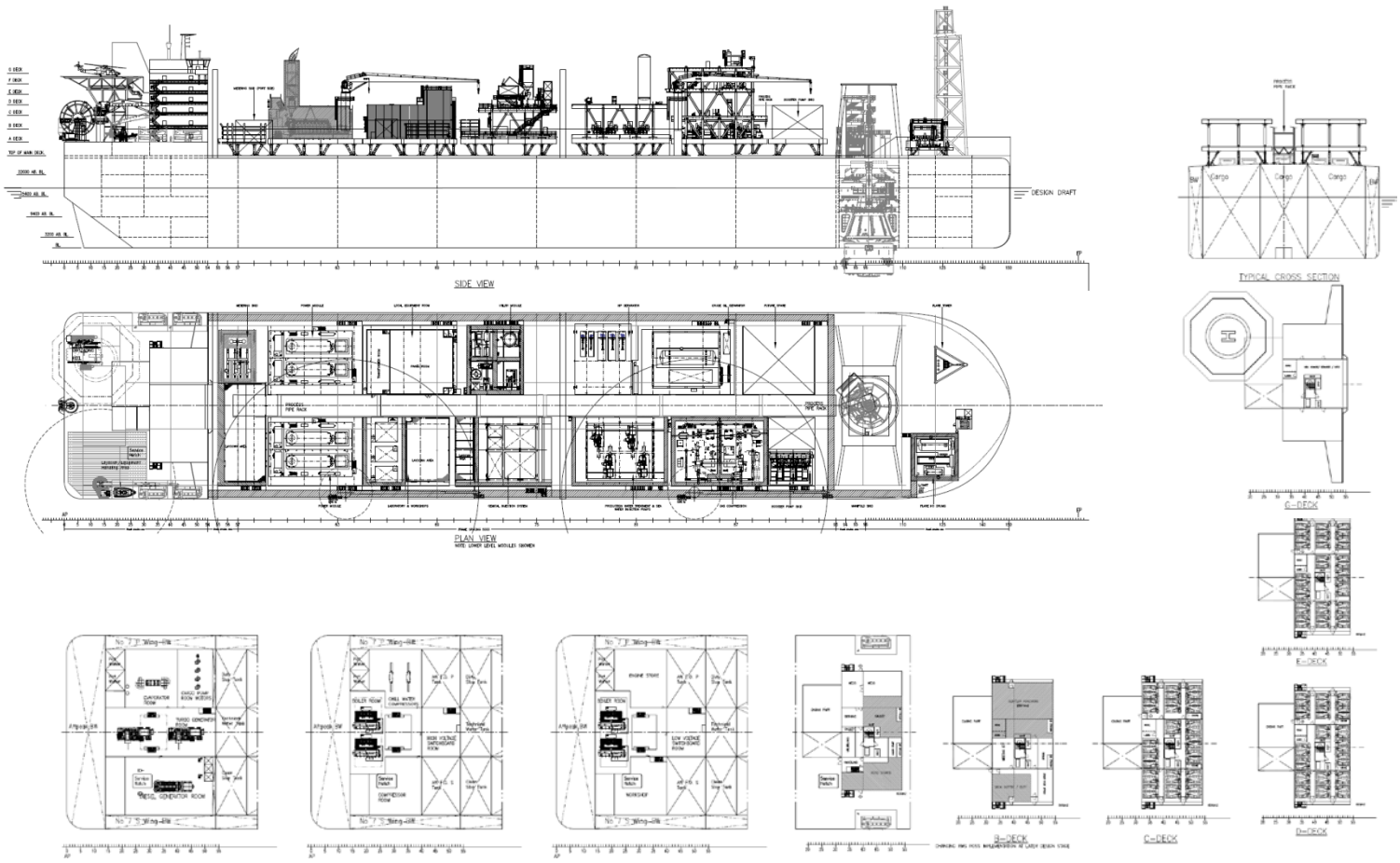
Pump room:
Aft: steam turbine driven cargo pumps, 3x 4000m^3/h, 16 bar
ballast pump 1000m^3/h, 4 bar,
cow steam heater
Fwd: seawater lift pumps for topside, 3x 1800m^3/h, 8 bar
ballast pump 1000m^3/h, 4 bar,
2 diesel electric fire pumps 2350m^3/h, 12 bar

Lay-down area:
Topside is arranged with large lay-down areas

Cranes:
2 off starboard cranes, 50mt crane @ 18m, 20mt @ 42m and 6mt @ 47m.
1 off 20mt at 25m knuckle boom crane aft deck.

Address: Bryggegata 3, NO-0250 Oslo - Tel: +47 22 33 11 31 - E-mail: post@inocean.no - Web: www.inocean.no

inocean™ WATERPROOF SOLUTIONS



TOPSIDE PROCESS

Power module
4x 30MW gas turbine (50%), 11kW

LER module
Switchboard: 11kW, 690V, 440V and 230V
Transformers: 11kV-690V, 690V-440V, 690V-230V

Lab/workshop & Laydown area
Fully equipped with analysing instruments

Utility module
Support system for topside

Cemical injection module
Injection skid for 8 types of chemicals simultaneously

HP seperator module
To be designed field specific

Production water module
Coalesher, monitoring system for discharged water

Crude oilmodule
To be designed field specific

Gas compressor module
4x centrifugal compressors (50%)

Booster pump skid
3x booster pumps (50%), capacity to be field specific

Future spare module area
Prepared for future modules.

ARRANGEMENT & OUTFITTING

Accommodation general
120 POB, accommodation quarter (single and double man cabins), offices, Hospital, Galley & mess, lounges , recreation spaces and gym.

A-Deck (Poop deck)
Mess, galley and food store. Changing room at poop.

B-Deck
CCR/GER functions. Coffee/ duty room, offices and meeting room.

C/ D/ E-Deck
Cabins

F-Deck
Cabins, hospital, temp. Refuge evacuation and business lounge.

G-Deck
Offices, heli lounge, services, htcc.

Flare
60-80m frame structure, piping arrangement, flare stack mounted. Arrangement to include ventilation arrangement for cargo tanks,

Flare ko drum skid
To be design field specific with safety requirement

Please note *that the information above can be changed to suit the client`s requirements from case to case.*

Address: Bryggegata 3, NO-0250 Oslo - Tel: +47 22 33 11 31 - E-mail: post@inocean.no - Web: www.inocean.no

inocean™
WATERPROOF SOLUTIONS