

Offshore platform "Thor"

Briefing

Aco Marine was assigned with assistance and consultancy, manufacturing, delivery and assisting with the installation of the complete system for collection, transfer and treatment of grey and black sewage waters.

Vessel description and assignment

Drilling platform of the new generation.

Proposed systems for transportation and water treatment

- ACO Maripur 100 with modularly mounted grey water transfer
- Automated chlorine dosing system for effluent storage and re-use as technical water
- Lipatomat NS2 automated grease and sludge separation system



Capacity (based on project specific details)

Number of equivalent inhabitants 100 PE
 Total volume of treated water 23 m³
 Total volume of treated grey water 16 m³
 Size of water tanks -

Effluent water quality

Effluent values and its comparison with alternative standards

	IMO MEPC.2 (VI)	USCG 33CFR 159 PT1-300	USCG/Alaska 33CFR 159.309	IMO MEPC 159(55)	ACO Maripur® IMO certified values
Coliform bacteria [n/100ml]	200	200	20	100	9
Total suspended solids [mg/l]	100	150	30	35 (70 at sea)	2
BOD5 [mg/l]	50	-	30	25	3
COD [mg/l]	-	-	-	125	45

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