

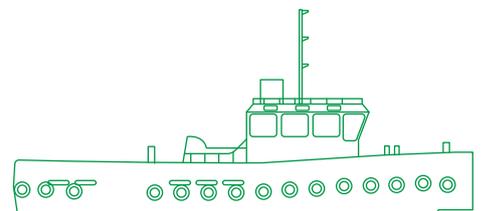


مبارك البحرية  
Mubarak Marine



## Hamad Harbour tug

At 17 m in length, this highly manoeuvrable harbour tug can hold a crew of up to 4 people. It is equipped with two Weichai marine diesel engines, produces a continuous bollard pull of over 8 tons, and is equipped with two firefighting monitors.



## Registration

Year of build	2003
Builder	Dubai Ship Building & Engineering LLC
Port of registry	Dubai
Official number	4902
Call sign	A6E2613
Class	Tasneef
Operator	Mubarak Marine LLC

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## Dimensions

Length overall	17.1 m
Breadth overall	5.2 m
Breadth moulded	4.9 m
Depth	2.7 m
Draft	1.6 m

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## Machinery/propulsion

Main engines	2x Weichai marine diesel engine 368 kW @ 1800 RPM
Generators	2x Perkins engine type 2490/1500 31 kW
Propeller	2x 62 inches @ 4-blade
FW/GS pump	30 m <sup>3</sup> /h
FO pump	15 m <sup>3</sup> /h

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## Tonnage

GRT	50 t
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## Performance

Cruising speed	10 knots
Bollard pull	Continuous 8.8 mt / maximum 9.2 mt
Quick release hook	Yes

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## Firefighting/safety equipment

Life rafts	1x 6 persons
Life jacket/life buoy	6 nos/3 nos
Fire extinguisher	8 nos
Life ring	2 nos
Main fire pump	Stanflo 5.5 hp type K65 125/C
Emergency fire pump	Model KDP20
EPIRB	ACR RLB-37
SART	NRT-1000
SCUBA	1 no
EEBD	1 no
Fire alarm control panel	1 no

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## Navigation/communication equipment

Magnetic compass	1x Plastimo
Radar	1x Koden Genesis MU-10, 1x Samyung SMR 3600 color radar
GPS + AIS system	1x AMEK Camino 201, 1x Jotron AIS display unit
Chart plotter	1x ONWA, 1x Garmin HGP -2800
Auto pilot	1x Comnav P4 auto pilot
Navigational light panel	P12 WH den quden vetus
GPS	1x Garmin GPS75, 1x Koden KGP-913, 1x Furuno GP-39
Echo sounder	1x JMC V6202, 1x Hondex (HE-881)
Navtex receiver	1x Samyung SNX-200
SART	1x Samyung SAR9
VHF (fixed)	Sailor VHF RT2048, 1x Simrad R320
VHF (portable)	1x ICOM ICM 32, 1x Standard GX-1256S, NAVC (AN-507M)
Satellite phone	+88 216 888-44095
Satellite fax	+88 216 888-44096
Mobile	+971 52 903 3583
PA system	AHUJA SSB-45EM

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## Capacities

Fuel oil	14.7 m <sup>3</sup> (3226 imp gallons)
Fresh water	8 m <sup>3</sup>
<b>Fuel consumption</b>	
Towing/free running	3 m <sup>3</sup> (669 imp gallons) / 2 m <sup>3</sup> (451 imp gallons)
Fresh water consumption	1 m <sup>3</sup>

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## Accommodation

Total	4 persons
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BUREAU VERITAS

DBA.4.22.1382.060223.IR.001.MS.

INSPECTION REPORT

Reference: M/s MUBARAK MARINE, DUBAI, UAE
Name of the Company: M/s MUBARAK MARINE, DUBAI, UAE
Place of Inspection: On Board MUBARAK, HAMAD, Mubarak Jetty DMC, Dubai UAE
Date of Test: 06.02.2023
Date of next inspection: Not Applicable
Item Description: Bollard Pull test
IMO No.: N/A

At the request of M/s MUBARAK MARINE, DUBAI, UAE the undersigned surveyor to Bureau Veritas, acting within the general conditions of services of our society which governs such interventions, did attend at On Board HAMAD, Mubarak Jetty DMC, Dubai UAE to inspect the said item as per client request and reports as under:

Scope: Witnessing Bollard pull test as per client request
Vessel Name: HAMAD
IMO No.: N/A
Official number: 4902
Port of registry: DUBAI
Draft (FWD / AFT): FWD=1.6m / AFT 1.6 m
Depth: 14 m
Tug stern to shore: 200m
Under keel depth: 10.0 m
Dia. of rope: 3" PP rope
Max. Wind speed: 6.0 knots
Machinery: 1800 x 2nos
KW: 368kw x 2nos

Sustained Bollard pull: 8.8MT
Maximum Bollard pull: 9.2 MT

Conclusion: The bollard pull test was witnessed as per the client request. This report is made without prejudice for the ends and purposes for which it was designed.

Issued at Dubai on 06<sup>th</sup> of Feb, 2023

For BUREAU VERITAS: Mohammed Sarfaraz, Inspector to Bureau Veritas
Reviewed by: Bibin Lal, Inspector to Bureau Veritas

Form No.: DXB-IVS-015 Page 1 of 2

Bureau Veritas S.A. Dubai Branch, P.O.Box: 9110, Dubai, UAE. Tel No: +971 4 3074400 Fax No: +971 4 3442321/3445023 Email: bveritas@bveritas.net.ae

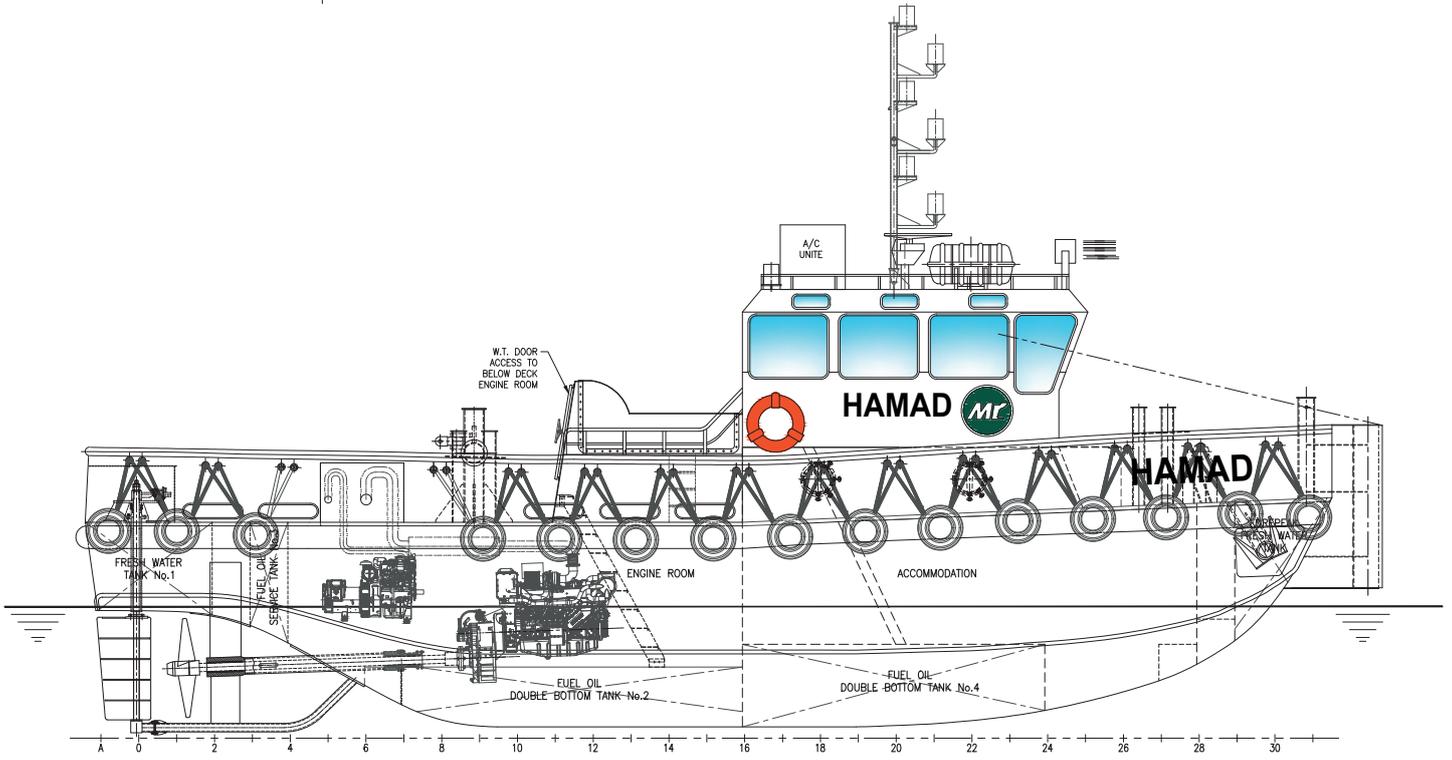
Table with 2 columns: Test data and Pitch @80% 1200 RPM. Rows show Exhaust Temp average Main Diesel Generator at various times from 0:00 to 9:00.

Load cell Calibration certificate report No. 04-C451974-Rev.0/ Date 28.Sept.2022
Load cell serial Number 6306, Capacity 10t

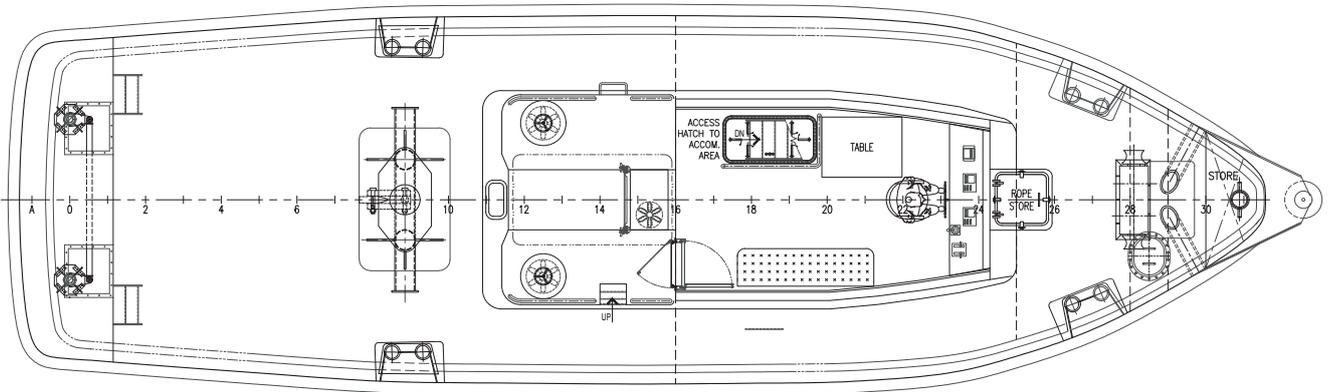
Bureau Veritas S.A. Dubai Branch, P.O.Box: 9110, Dubai, UAE. Tel No: +971 4 3074400 Fax No: +971 4 3442321/3445023 Email: bveritas@bveritas.net.ae

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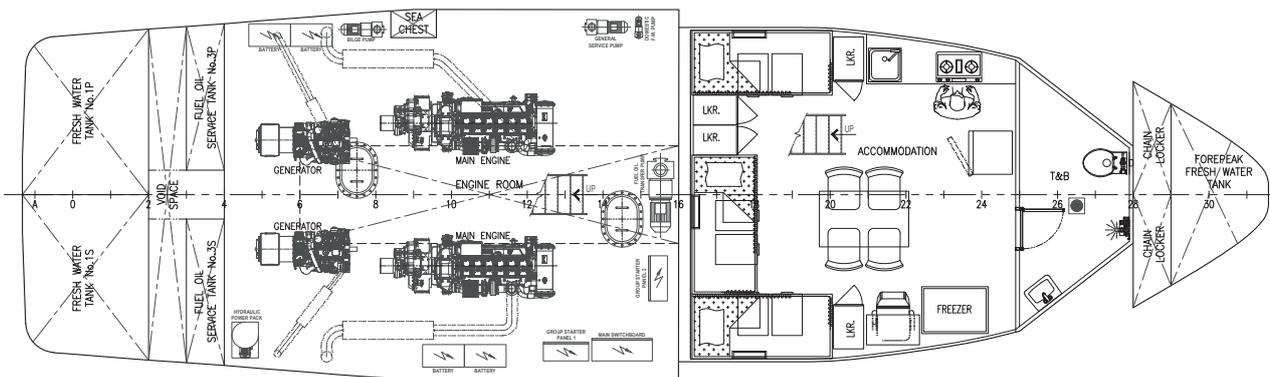
This Report is made without prejudice for the ends and purposes for which it was assigned and exclusively to the work ordered.



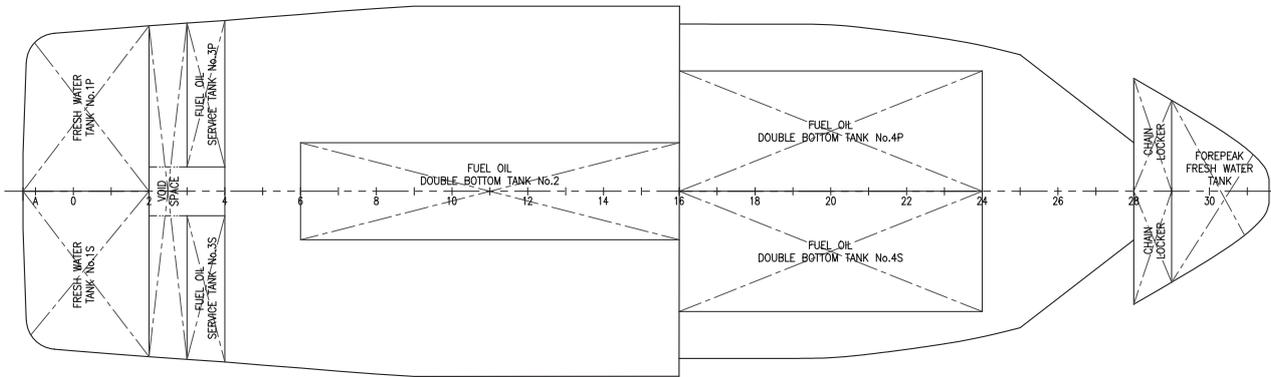
Outboard profile



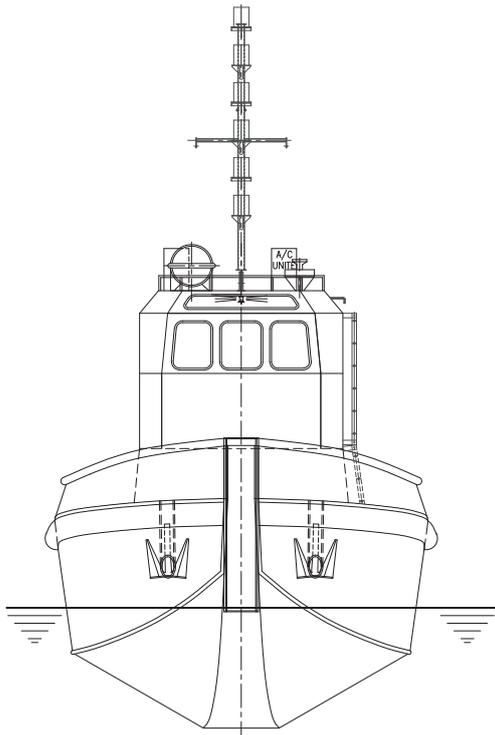
Main deck plan



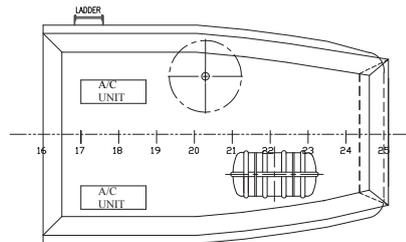
Below main deck plan



Tank plan



Fore view



Wheelhouse top

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Revision March 2026 | All technical details are provided as a guide only and are subject to owner's changes without notice