

M-TYPE

ANCHOR HANDLING TUG SUPPLY VESSEL



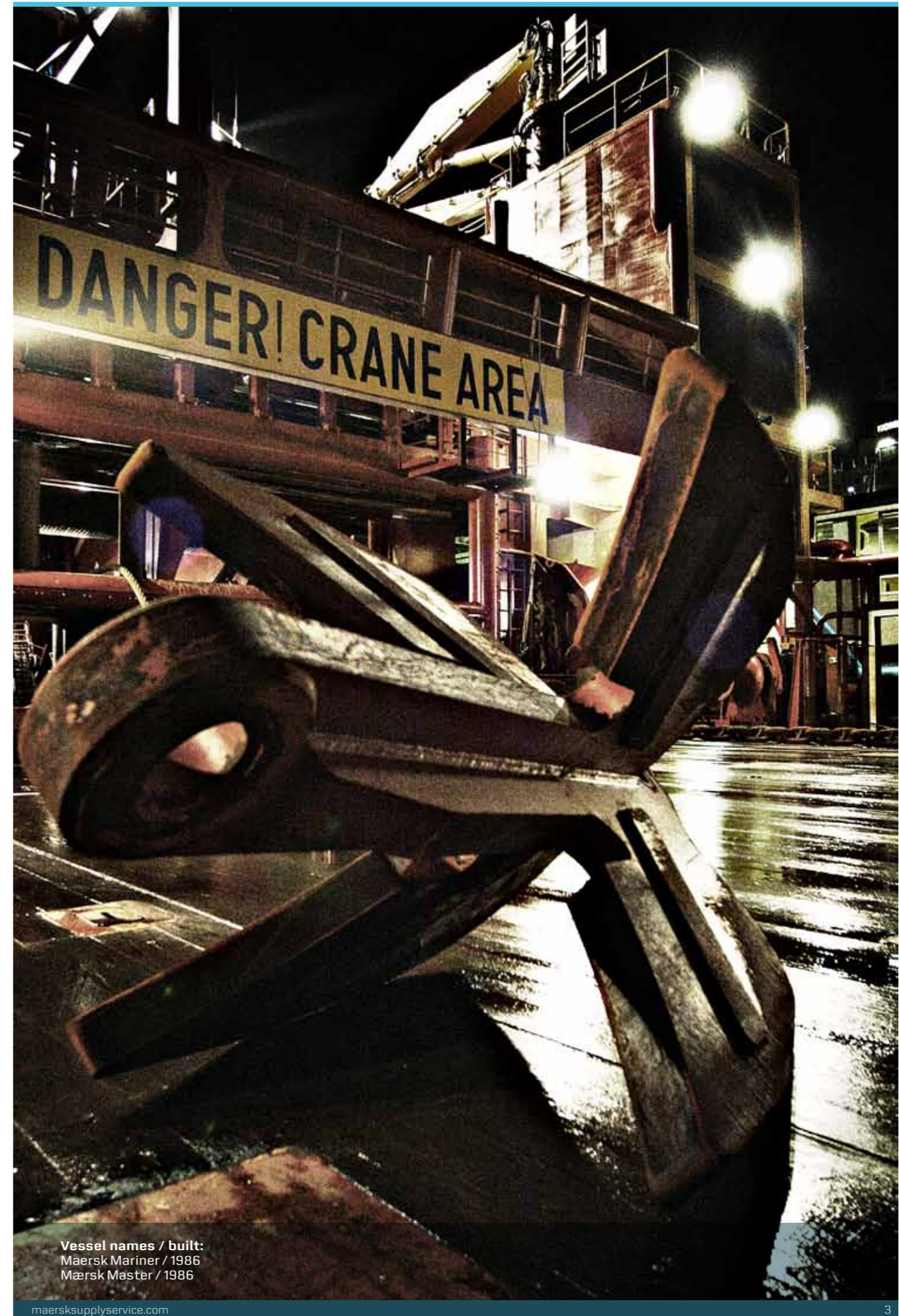
MAERSK
SUPPLY SERVICE

Maersk Supply Service serves the offshore industry world wide with more than 60 vessels manned by approximately 2000 crew and supported by 220 onshore staff worldwide represented in all main deepwater regions.

The fleet includes craned offshore support vessels, anchor handling tug supply vessels, platform supply vessels and subsea support vessels.

Our focus areas are operations in ultra deep water, support of offshore platforms, rigs, barges as well as subsea services. Work scopes include amongst other things:

- Deep water anchor handling and mooring installations
- Subsea support/ROV support/Crane
- Ploughing/trenching operations
- General supply operations
- Special projects
- Rig moves



Vessel names / built:
Maersk Mariner / 1986
Mærsk Master / 1986

Technical specifications

Classification

Classification	Lloyd's Register of Shipping
	+100 A1, Offshore Supply Ship, Tug
	Oil Recovery Ship (Maersk Mariner)
	Firefighting Ship 3
	Ice Class 3
	+LMC, UMS, DP(AM)

Deadweight/Tonnage

Deadweight	2,395 ts
Gross tonnage	3,949 gt

Dimensions

Length o.a./p.p.	82.00 m / 72.15 m
Breadth moulded	18.40 m
Depth moulded	9.90 m
Summer draft, max.	6.90 m
Freeboard at max. draft	3.00 m

Firefighting

FiFi 3, 2,800 m³/hour

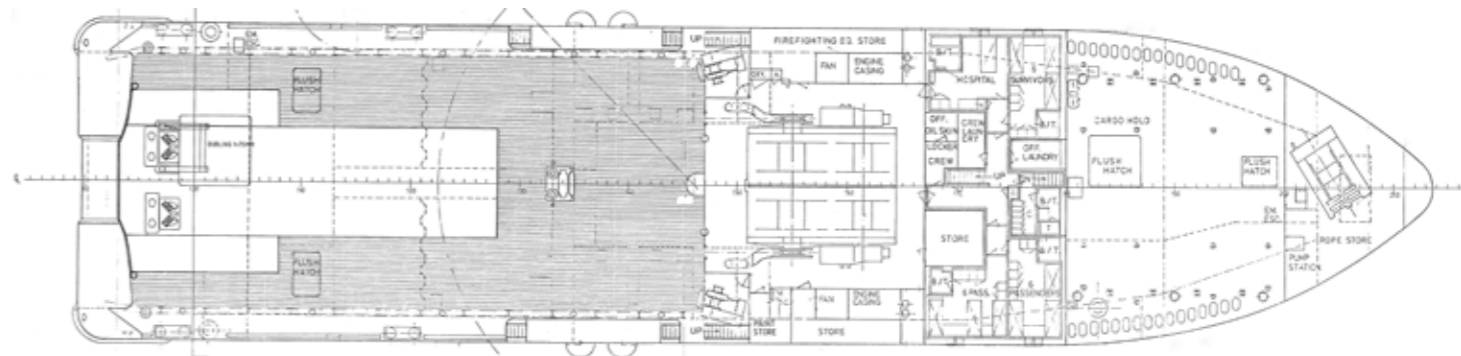
Accommodation

Capacity	26 persons total incl. crew
	14 single cabins
	2 x 6 man cabins

Towing/Anchor handling equipment

Make	Rauma
Type	Waterfall
Drums	4 with spooling device
AH drums	2 x max. pull 300 ts and 500 ts static brake Capacity 3,300 m x 77 mm wire
Towing drums	2 x max. pull 300 ts and 500 ts static brake Capacity of each drum 1,900 m x 77 mm wire
Chain lockers	4 x 58 m ³
Shark jaws	1 x 300 ts & 1 x 350 ts Triplex
Stern roller	5.00 m x 3.00 m
Towing pins	2 x 200 ts Triplex

Upper Deck



MOB/Work boat	
MOB boat	Ernst Hatecke RB 430 APM
Work boat	Maritime Partner, WEEDO 710 tug LV (Maersk Mariner)

Deck load capacities	
Deck load	1,200 ts
Deck length	35.00 m
Deck breadth	14.80 m
Deck area	510 m ²
Deck strength	Aft 25 ts/m ² . Fore 10 ts/m ²
Cargo rail height	2.30 m - 2.70 m

Deck equipment	
Capstans	2 x 8 ts
Crane	4 ts at outreach 15.00 m
Tugger winches	2 x 15 ts

Propulsion/Bollard pull	
Main engines	3 x MAK 8M35
Total BHP	16,200
Bollard pull	161-174 ts
Propellers	1 x CP (nozzle)
Rudders	1 x Semi Spade type
Shaft generators	3 x 3,700 kW
Thrusters forward	2 x 1,000 BHP Tunnel
Thrusters aft	2 x 2,720 BHP Azimuth (stern)

Speed/Consumption	
Max. speed/consumption	14 knots at abt. 49 ts/24 hours
Eco. speed/consumption	10 knots at abt. 15 ts/24 hours

Dynamic Positioning	
Dynamic positioning	DP 1
Reference system	DGPS, Laser fan beam

Liquid capacities		
	Maersk Mariner	Mærsk Master
Base oil	440 m ³	440 m ³
Brine	263 m ³	263 m ³
Drill/Ballast water	418 m ³	418 m ³
Dry bulk	403 m ³	403 m ³
Fresh water	527 m ³	527 m ³
Fuel	1,191 m ³	1,954 m ³
Oil based mud	198 m ³	489 m ³
Oil recovery	1,053 m ³	-

Cargo discharge rates	
Base oil	100 m ³ /hour at 5 bar
Brine	150 m ³ /hour at 7 bar
Bulk cargo	40 ts/hour at 6 bar
Drill water	150 m ³ /hour at 8 bar
Fresh water	150 m ³ /hour at 8 bar
Gas oil	150 m ³ /hour at 7 bar
Mud	2 x 50 m ³ /hour at 5 bar





Headquartered in Copenhagen, Maersk Supply Service is represented globally with offices in Aberdeen, St. John's, Rio de Janeiro, Cairo, Luanda, Lagos and Perth.

For more information please visit our web site at maersksupplyservice.com



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