

ME 303 Anchor Handling Tug Supply Vessel (AHTS), DPS-1

# M/V OCEAN SUPPLIER



**Vestland Marine Sp. z o.o.**

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# Genera

Anchor Handling Tug Supply Vessel; DPS-1

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### Technical Data Sheet

#### **GENERAL**

SHIPS NAME	M/V OCEAN SUPPLIER
CALL SIGN	C6VL3
IMO No.	8321591
FLAG	BAHAMAS
DATE OF BUILD	1984 HusumerSchiffswert, Germany
CLASSIFICATION	Det Norske Veritas- DNV + 1A1, Tug Supply Vessel, E0, DPS-1
CLASS ID No.	DNV 14219

#### **MAIN PARTICULARS**

LOA	67,82 m
LBP	58,80 m
BREADTH	15,60 m
DEPTH	7,45 m
DRAFT MAX	6,44 m
GRT	1987 tons
NRT	1553 tons
DEAD WEIGHT AT 5.45 M	1400 tons
DEAD WEIGHT AT 6.44 M	2250 tons

#### **PERFORMANCE/CONSUMPTION**

BOLLARD PULLI	143 tons continuous / Max. Pull 157 t
MAX. SPEED	16.5 knots
IN PORT	1.0 m3/ day
STANDBY OFFSHORE	3.5 m3 / day
ECONOMIC STEAMING	10 knots – 11.0 m3/ day 12 knots – 18.0 m3 / day
STEAMING	12 knots, 1100t cargo – 22.0 m3 / day 13.5 knots, 1400t cargo – 30.0 m3 / day
AT MAX PEED	44.0 m3/ day
AT MAX TOWING	48.0 m3/ day

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#### **CARGO CAPACITIES**

DECK CARGO	1130 T
DECK AREA (MAX)	487 M2
DECK STRENGTH	5 T/M2
FUEL OIL	798 M3
BALLAST / DRILL WATER	619 M3
POTABLE WATER	388 M3
BRINE	2248 BBLS
LIQUID MUD	2248 BBLS
DRY BULK	245 M3
ORO (OPTIONAL)	520 M3

#### **DISCHARGE RATES**

FUEL OIL PUMPS	2 X 150 M3/H – 10 BAR
BALLAST WATER	2 X 125 M3/H – 9 BAR
POT. WATER PUMP	2 X 125 M3/H – 9 BAR
BRINE / BASE OIL PUMP	2 X 50 M3/H – 18 BAR
LIQUID MUD PUMPS	2 X 50 M3/H – 18 BAR
ORO PUMPS (OPTIONAL)	2 X 80 M3/H – 9 BAR
	Discharge station both sides aft
CIRCULATING PUMPS	4 X 100/50 M3/H

#### **DECK MACHINERY**

TUGGER WINCH	2 X 15 T
CAPSTANS	2 X 15 T
DECK CRANE	1 X 5.0 T S.W.L at 10.0 M
WINDLASS / MOORING	1 with two cable lifters and warping drums
ANCHORS	2 x 2750 KG
CHAIN CABLES	2 x 880m (38mm K3 chain)

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### TOWING / ANCHOR HANDLING EQUIPMENT

WINCH TYPE	HYDRAULIC DOUBLE DRUM
AHT WINCH PULL/SPEED	250 t @ 6 m/min
AHT WINCH BRAKE	350 t
TOW DRUM CAPACITY	1 x 1200m 70 mm
WORK DRUM CAPACITY	1 x 1200m 70 mm
STORAGE DRUM CAPACITY	2 x 1000m 70 mm
	1 x 1200m 70 mm
	1 x 1200m 70 mm
TOW WIRE	1 x 1000m 76 mm
SPARE TOW WIRE	1 x 1000m 76 mm
WORK WIRE	1 x 600m 64 mm
AH TONGS	2 x 300 SWL
TOWING PIN	2 x 240 SWL
STERN ROLLER	4.2m x 2.5m 500 tons

### MACHINERY AND PROPULSION

MAIN ENGINES	4 x NOHAB 4F 312 B
TOTAL POWER	13,312BHP at 750 RPM
SHAFT GENERATORS	2 x 1600 KVA (440 VOLT AC – 60HZ)
EMERGENCY GENERATOR	1 X 285 KVA
AUXILARY ENGINES	2 x 350KVA SCANIA
MAIN PROPELLERS	2 X CP Liaaen in kort Nozzles
BOW THRUSTER	2 X 800 BHP TUNNEL
STERN THRUSTER	1 X 800 BHP TUNNEL
RUDDERS	2 X SPADE rudders

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### NAVIGATION EQUIPMENT

S-BAND	1 x ARPA RADAR
X – BAND	1 x TM RADAR
ELECTRONIC CHART SYSTEM	1 x KonMap MARINS
RADIO INSTALLATION	ACC. TO GMDSS AREA 3, INMARSAT B, INMARSAT C
DP	MARINE TECHNOLOGY DP 1

### ACCOMODATION

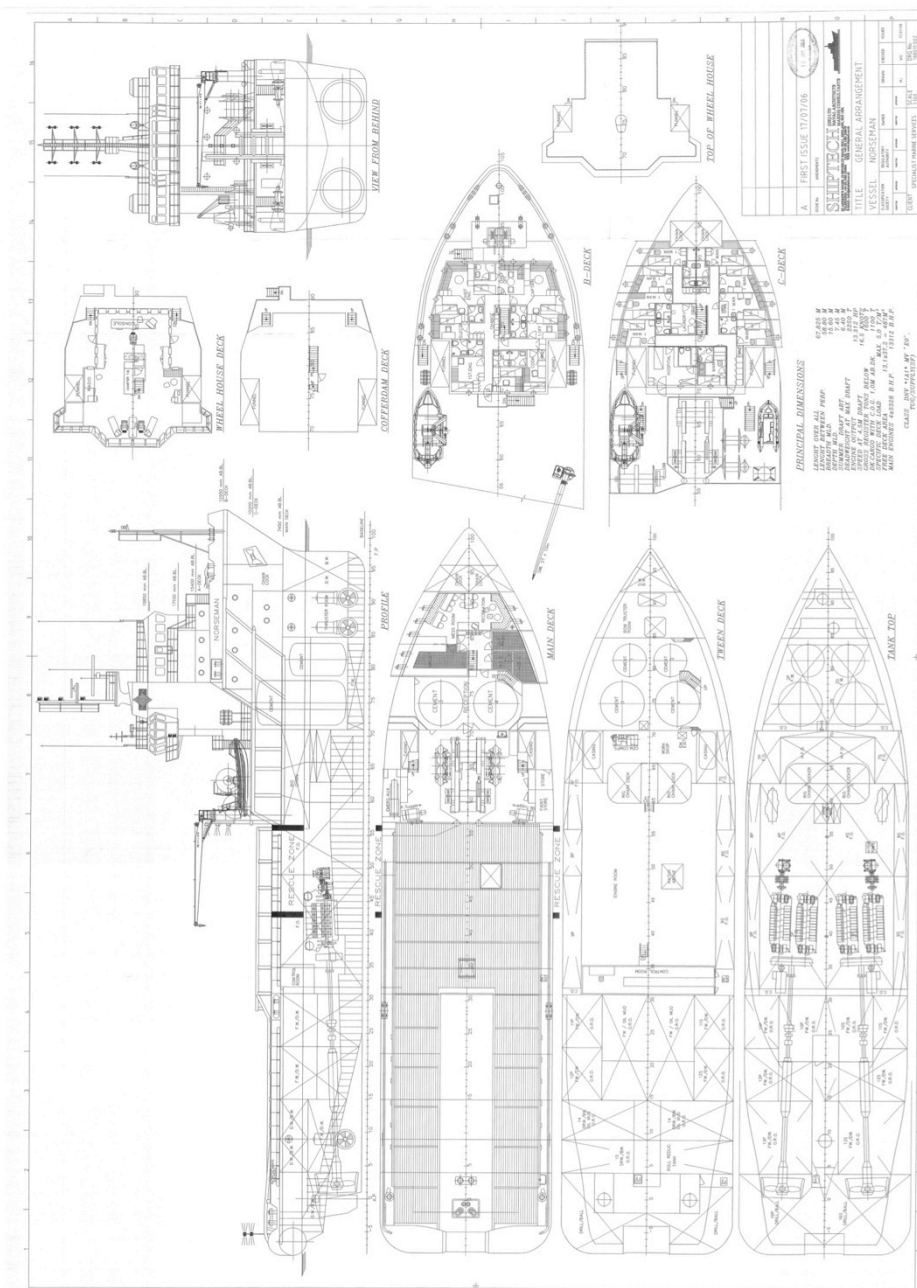
TOTAL CAPACITY	30 PERSONS
CABINS	2 X 1 14 X 2
HOSPITAL	Fully Equipped Infirmary
(OPTIONAL)	
CONVERSION FOR STAND BY VESSEL (140 SURVIVORS) IN ACCORDANCE WITH DMA	1 x Treatment Room 1 x Survivors area with 61 seats 1 x Recovery Area (2 x single + 5 x Double beds) Reception Facility Sanitary Area Deceased facility for 12 bodies

### CONTINGENCY EQUIPMENT

FAST RESCUE CRAFT	1
LIFE RAFTS	AS PER SOLAS
WINCHING AREA	Available on Main deck
Rescue Zone	Port & Starboard

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	M3 \ SG	Fuel Oil 0.835	Pot Water 1.000	Drill Water 1.000	Ballast Water 1.025	Liquid Mud 2.500	Brine 2.000	Base Oil 0.830
FOREPEAK	52.4			52.4	53.7			
DB 2 PS	42.5		42.5					
DB 2 SB	42.5		42.5					
DB 3 PS	80.5	67.2						
DB 3 SB	80.5	67.2						
DB 4 PS	125.3	104.6						
DB 4 SB	126.7	105.8						
DB 5 PS	99.9	83.4						
DB 5 SB	99.9	83.4						
WT 6 PS	28.9	24.1						
WT 6 SB	28.9	24.1						
WT 7 PS	54.5	46.3						
WT 7 SB	54.5	46.3						
WT 8 PS	85.8	72.9						
WT 8 SB	78.4	66.7						
DB 9 PS	65.6		65.6					
DB 9 SB	78.4		78.4					
CENTER TK 10 PS	135.0		135.0					
CENTER TK 10 SB	135.0		135.0					
WT 11 PS	84.6		84.6					
WT 11 SB	84.6		84.6					
WT 12 PS	62.4		62.4					
WT 12 SB	62.4		62.4					
DB 13 PS	47.0			47.0	48.2			
DB 13 SB	47.0			47.0	48.2			
CENTER TK 14 PS	63.9			63.9	65.5	159.8	127.8	53.0
CENTER TK 14 SB	63.9			63.9	65.5	159.8	127.8	53.0
CENTER TK 15	103.8			103.8	103.8			
AFT PEAK (16) PS	96.0			96.0	98.4			
AFT PEAK (16) SB	91.8			91.8	94.1			
WEIGHT IN TONNES		792.2	793.0	565.8	577.4	319.5	255.6	106.1
VOLUME IN M3		948.7	793.0	565.8	563.3	127.8	127.8	127.8
VOLUME IN BARRELS		5967	4987.97	3558.882	3542.957	804	804	804

All figures shown, are based on tank volume at 100% filling