



AHTS "MED DIECI"



GENERAL

YARD	DAMEN – THE NETHERLANDS
DELIVERY DATE	MARCH 2010
BASIC FUNCTIONS	OFFSHORE SUPPLY, TOWING, ANCHOR HANDLING OPERATIONS, FIRE FIGHTING AND OIL RECOVERY OPERATIONS
CLASSIFICATION	BUREAU VERITAS - I * HULL OFFSHORE SUPPLY VESSEL FIF1 DYNAPOS AM/AT R - OIL RECOVERY VESSEL * MACH AUT-UMS NOBLE DENTON APPROVED
FLAG	ITALIAN
OWNER	MED OFFSHORE S.P.A. – ITALY

DIMENSION

LENGTH O.A.	67.10 M
LENGTH B.P.P.	62.60 M
BEAM MLD.	15.00 M
DEPTH MLD.	6.75 M
DRAFT MAX	6.00 M
DEADWEIGHT APPROX	1800 TONS
DECK CARGO MAX	750 TONS(VGC = 1M ABOVE DECK)
DECK AREA APPROX	400 M ²

TANK CAPACITIES

FUEL OIL (SHIP)	400 M ³
FUEL OIL (CARGO)	610 M ³
FRESH WATER	300 M ³
BALLAST/DRILL WATER	650 M ³
RECOVERED OIL	200 M ³
DRY BULK	170 M ³ IN 4 SILOS
MUD/BRINE	460 M ³ IN 8 TANKS
DISPERSANT	15 M ³
FOAM	20 M ³
RIG CHAIN LOCKERS	2 x 65 M ³

IN VARIOUS CARGO CONFIGURATIONS

PERFORMANCES

SPEED	15,5 KN
BOLLARD PULL	125 TONS

PROPULSION SYSTEM

MAIN ENGINES	2 x MAK 8M32C, EACH 4000 Kw @ 600 RPM
PROPELLER	2 x CPP, DIAM. 3400 MM IN NOZZLE
BOW THRUSTER	2 x CPP, DIAM. 1300 MM, 450 Kw EACH
STERN THRUSTER	1 x CPP, DIAM. 1300 MM, 450 Kw

AUXILIARY EQUIPMENT

2 x SHAFT GENERATOR, 1500 KVA EACH, 440 V – 60HZ
2 x GENERATOR SET, CATERPILLAR C18, 531 KVA, 440 V – 60HZ
1 x EMERGENCY GENERATOR SET, 219 KVA, 440 V – 60 Hz

FIRE FIGHTING SYSTEM

2 x EXTERNAL FIFI WATER/FOAM SYSTEM, CAP. EACH 1200 M³/HR (FIFI1)

DYNAMIC POSITIONING

DP-2 DYNAMIC POSITIONING SYSTEM WITH REFERENCE SYSTEM

DECK EQUIPMENT

1X BRATTVAAG LOW PRESSURE HYDRAULICALLY DRIVEN DOUBLE DRUMS ANCHOR HANDLING/TOWING WINCH CAP.250 TONS PULL, 320 TONS HOLDING FORCE

TOWING DRUM

250 T CAP WITH BRAKE HOLDING POWER OF 320 T
1 x 2848 M, 64 MM DIA OR 2030 M, 76 MM DIA

TOWING WIRE

1 x 1100 M, 68 MM DIA

SPARE WIRE

1 x 1100 M, 68 MM DIA

ANCHOR HANDLING DRUM

250 T CAP WITH BRAKE HOLDING POWER OF 320 T
1 x 2848 M, 64 MM DIA OR 2030 M, 76 MM DIA

ANCHOR HANDLING WIRE

1 x 1100 M, 68 MM DIA

1 X REEL FOR STORAGE OF WIRES:

1 x 1200 M, 76 MM DIA OR 1800 M, 64 MM DIA

2X 76 MM GYPSIES

1X SET OF TOWING PINS, 180TONS SWL

1X SET OF CHAIN FORKS, 300TONS SWL

2X HYDRAULICALLY DRIVEN TUGGER WINCHES, EACH 10 TONS PULL

2X HYDRAULICALLY DRIVEN CAPSTANS, EACH 5 TONS PULL

1X STERN ROLLER, 350 TONS SWL

1X KNUCKLE BOOM TYPE DECK CRANE, CAP. 3 TONS AT 10 M OUTREACH

1X SOLAS APPROVED RESCUE BOAT WITH DAVIT SYSTEM

1X FAST RESCUE CRAFT OF 6,8 M WITH SINGLE POINT DAVIT SYSTEM

CARGO HANDLING SYSTEM

2X FUEL DISCHARGE PUMPS, EACH 150 M³/HR @ 8 BAR

2X DRILL DISCHARGE PUMPS, EACH 150 M³/HR @ 8 BAR

1X POTABLE WATER DISCHARGE PUMP, 150 M³/HR @ 8 BAR

2X DRY BULK DISCHARGE COMPRESSORS, EACH DISCHARGE RATE 75 TONS/HR @ 60 M HEAD

2X LIQUID MUD DISCHARGE PUMPS, EACH 75 M³/HR @ 8 BAR

ACCOMODATION

FULLY AIR-CONDITIONED ACCOMODATION FOR 29 PERSON (CREW INCLUDED) IN SINGLE, DOUBLE AND FOUR BERTH CABINS

NAUTICAL AND COMMUNICATION EQUIPMENT

RADIO EQUIPMENT GMDSS AREA A-3 NAUTICAL EQUIPMENT

COMPRISES: 1X X- AND S- BAND RADAR SYSTEM, 1X AUTOPILOT, 1X GYRO COMPASS, 1X ECDIS, 1X DGPS, 1X PERSONAL LOCATOR BEACON, 1X ECHO SOUNDER, 1X SPEED LOG

OTHER SHIP AUTHORIZATIONS

DANGEROUS GOODS (IMDG CODE)

ITALIAN (H.S.E.) DECREE 271/99 – DECREE 81/08