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**AHTS “Sea SHIELD” 4,600 B.H.P**

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| **Main Particulars**  | **Principal Dimensions**  |
| Built: 1983 Call Sign: S.S.DHFlag: EgyptianPort of Registry: port saidClass: A.B.S. - A.H.T.SOwners: Ships and Boats X owner Maridive Oil Services | Length Overall: 192.5 FT i.e58.7 MLengthb.p: 178 FT i.e 55.2MBeam: 40.F0 T .12.2MMaximum Draft: 12.8 FT. 3.9 MGross Tonnage: 1664.00 tons |
| **Main Engines:** | Anchor Handling / Towing Winch :  |
| 2EMID 12 – 645 – E7BA, Continuous 4610 BHP2 Fixed pitch propellers.Auxiliaries:2 – GM 8V 71,250 KW 110/220/440 VAC 60 HZ 1 – GM8 V 71Bow Thruster unit:1 – GM871,300HP,4.1 Ton thrust | Combined two drum heavy duty anchor handling & towing winchSMATCO 72 DAW – 250, Double-drum, Water fall type 253,120 Ibs.Tow wire ……….. 1000m/50mmSpare wire ……… 1000m/50mm- Winch:one hydraulic winch ,5tons- Model SMATCO 72 DAW- Line Pull 253,120lbs,single line pull- Capstan:(2) Hydraulic Braatvaag - Stern Roller:5 ft Diameter/ 8 ft Wide- TowPins(2) Hydraulic 2500’ – 2 1/4ABS galv.Work wire ……… 250 ’ – 2 1/4ABS galv. |
| **Cargo Capacities**  | Navigational Equipment  |
| Deadweight: 1,052M TonClear Deck Area: 122f tX32 ft I 37.2X9.8mPotableWater: 288m3Fuel Oil: 388 m3Portable Water: 288m 3Bulk cement/Barite:141 cu. MLiquid mud 230 cu mDrill water/Ballast 626 m3Walk-In Cooler: 280 Cu.ft at +5eCDeckStrength:5.0 t/m2Minimum Weight:20.0 mDisplacement Load Line: 1,844M Ton Cargo winch:One hydraulic winch, 5 Tons.  | Radar(s): Decca RM 914 - C+ Furumo FS 1562Radio(s): Sailor RT 144 ACSSB - with encoder Stevens 106-1Gyro Compass:Sperry MK 37Fathometer:860/2650Auto Pilot:Sperry 8TDepth recorder:Furunon and Kodiak |
| **Tow and Anchor Handling**  | Performance  |
| - Winch:onehydraulic winch ,5tons- Model SMATCO 72 DAW- Line Pull 253,120lbs,single line pull- Capstan:(2) Hydraulic Braatvaag - Stern Roller:5 ft Diameter/ 8 ft Wide- TowPins(2) Hydraulian- Pilican Hook, Alpha Type German Made | Fuel: 90 cu.m/hr @ 55 M headPotable Water: 90 cu.m/hr @ 55 M headDrill Water:90 cu.m/hr @ 55 M headBulk Cement: 30 cu.m/hr @ 40 M headBarite : 30 cu.m/hr @ 40 M headLiquid Mud: 120 cu.m/hr @ 6 barBollard Pull: 52Tst , 52.0T DynCargo Water: 288m3 @ 246 ft 99.9 t/h @ 75.0 mFuel Oil : 388m3 @ 246 ft 99.9 t/h @ 75.0m |
| **Fire Fighting System:**  |
| ¾ FiFi 1-Four fire monitors – 4 x 450 cu.m/hr. 1800 cu.m/hr.Foam tanks capacity 15.6 cu.mAnti – Pollution Equipment : Two booms with nozzles, one on each side. 8m long Tank : 15.6 cu m. |