



**A.A. TURKI CORPORATION**  
**PORTS MANAGEMENT & MARINE SERVICES**



KING KHALID STREET, P.O. Box 718, Dammam 31421, Saudi Arabia

TEL: 966-3-8332460 FAX: 966-3-8347331 EMAIL: [apmms@atco.com.sa](mailto:apmms@atco.com.sa) Website: [www.atco.com.sa](http://www.atco.com.sa)

**M.V. ATCO RANIA**

**FAST CREW PILOT/ CHASE BOAT**



**GENERAL SPECIFICATIONS**

SHIPYARD : DAMEN SHIPYARD - HOLLAND  
 YEAR OF BUILT : 2008  
 CLASSIFICATION : ABS (LIGHT SHIP/FAST PILOT BOAT)  
 CERTIFICATE NO. : 09220584-1801299-001  
 FLAG : BAHRAIN  
 CALL SIGN : A9D2996  
 OFFICIAL NO. : 4684

**DIMENSIONS**

LENGTH OVERALL : 23.25 M  
 BEAM OVERALL : 5.85 M  
 DEPTH : 3.00 M  
 DRAFT : 2.00 M  
 DECK CARGO AREA : 15 M2  
 GROSS TONNAGE : 81 TONS  
 NET TONNAGE : 24 TONS  
 HULL : STEEL

**MACHINERY**

MAIN ENGINES : 2 CAT X 1400 BHP - TOTAL = 2800 BHP  
 AT 2300 RPM  
 PROPULSION : TWO DIESEL ENGINES - EACH DRIVING  
 A FIXED PITCH PROPELLER.  
 TRIAL SPEED @ MCR 100%: 25 KNOTS  
 CRUISING SPEED @ MCR 85% 20 KNOTS

**FUEL CONSUMPTION:**

AT PEAK SPEED 100% : 0.47 M.TONS/HR  
 AT CRUISING SPEED 85% MCR: 0.38 M. TONS/HR  
 ENDORSEMENT AT CRUISING SPEED: 24.0 HRS

**DIESEL GENERATORS**

CATERPILLAR - TYPE C32 TTA : 2 NOS DIESEL ENGINES  
 OUTPUT 44 KW AT 1800 RPM

**LIQUID CAPACITIES**

FUEL : 10.60 M3/ 8.90 TON (M)  
 FRESH WATER : 1.95 M3/ 1.95 TON (M)  
 WASTE WATER : 0.57 M3/ 0.57 TON (M)  
 BILGE WATER/SLUDGE : 0.53 M3/ 0.53 TON (M)  
 LUB OIL : 0.25 M3/ 0.23 TON (M)

**NAVIGATIONAL EQUIPMENT**

SEARCH LIGHTS : 1  
 RADAR : 1  
 MAGNETIC COMPASS : 1  
 GYRO COMPASS : 1  
 AUTO PILOT : 1  
 GPS : 1  
 ECHO SOUNDER : 1  
 VHF & DSCC : 2  
 SSB RADIO TELEPHONE : 1  
 NAVTEX RECEIVDER : 1

**LIFE SAVING APPLIANCES**

COMPLY WITH CLASS, FLAG STATE AND SOLAS  
 REQUIREMENTS.

**ACCOMMODATION**

CREW : 6  
 PASSENGERS : 12