

MV KENA

32ft by 14ft Inland River Tritoon boat



GENERAL

BUILDER: ECO-CONSTRUCT MARINE FLOTATION SYSTEMS NIG.LTD
VESSEL NAME & FLAG: MV KENA, NIGERIA
DELIVERY DATE: AUGUST 2024
HULL CONSTRUCTION: STEEL
SUPERSTRUCTURE CONSTRUCTION: ALUMINUM
BASIC FUNCTIONS: SURVEY & LEISURE
LIGHT DISPLACEMENT: 8.4 TONS
FULL LOAD DISPLACEMENT 9.9 TONS

DIMENSIONS

LENGTH O.A.: 9.85M (32'-0")
BEAM O.A.: 4.31M (14'-0")
DEPTH AT SIDES: 1.12M (3'-8")
MAXIMUM DRAFT: 0.66M (2'-2")
MAX DRAFT @ PROP TIP: 1.2M (3'-11")

CAPACITIES

BOAT DAILY USE (DIESEL): 1 x 170L
BOAT DAILY USE (FRESH WATER): 2 x 390L
GREY WATER & SEWAGE: 1 x 120L
PASSENGER/PAYLOAD: 18 PAX/1.45 TON MAX

PROPULSION

OUTBOARD ENGINE: 1 X OXE 200 DIESEL, 33.4" XXL SHAFT
ENGINE HORSEPOWER: 200 BHP
STEERING GEAR: SEASTAR HC5345 W/PUMP & CYLINDER
PROPELLER: RUBEX L3 15.5" 3-BLADE STAINLESS

DESIGN SPEED

LIGHT LOAD: 12 KNOTS
FULLY LADEN: 8 KNOTS

POWER SUPPLY

DC POWER: 4 X 120AH BATTERY BANK
BATTERY CHARGER: 1 X STERLING ULTRA PROCHARGE 60 AMP
& OXE ENGINE ALTERNATOR
AC SHORE POWER CONNECT: YES

WHEELHOUSE

CREW: 2
VENTILATION: 3 X VETUS DC & 1 X FD250 AC AX.FAN
DEHUMIDIFIERS: 3 X EVA-DRY E-333 AIR DRIER
AIR FILTRATION: YES
BERTH: 1 X NAUGAHYDE SOFA SEAT/BERTH

LIFE SAVING EQUIPMENT

LIFE JACKETS: 22
LIFE BUOY: TWO (2) WITH LINE
PORTABLE FIRE EXTINGUISHER: 1 X 6 KG DCP EXTINGUISHER

MOORING

MOORING CLEATS: 6 X 8" CAST IRON CLEATS
BOLLARDS: 4 X 4" DIA STEEL BOLLARDS
FENDERS: 6 X F-5 FENDERS W/SLEEVE

SYSTEMS MONITORING AND CONTROL GEAR

FUEL LEVEL GAUGE: 1 X VETUS FUEL B
FUEL LEVEL SENSOR: 1 X VETUS SENSOR 380
WASTE TANK GAUGE: 1 X VETUS WASTB
WASTE LEVEL SENSOR: 1 X VETUS ULTRASONIC
ENGINE HOUR COUNTER: 1 X VETUS HOURCB
SYSTEM VOLTAGE GAUGE: 1 X VETUS VLT12B
SYSTEM AMPERAGE GAUGE: 1 X VETUS AMP150B
BRIDGE CONTROLS: OXE 7" DISPLAY AND HEAD MODULE W/15" STAINLESS STEERING WHEEL

NAUTICAL, SURVEILLANCE, COMMUNICATION

SEARCH/SPOT LIGHT: 2 X MARINCO @ AFT & FWRD
ECHO SOUNDER/CHART PLOTTER: 1 X GARMIN ECHOMAP 93SV
VHF FIXED: 2 x ICOM M330
VHF HANDHELD: 2 X HORIZON HX400
GPS: 1 X REACH RS2 GNSS
FLOODLIGHT @ FWRD DECK: 1 X RIGID Q-SERIES
NAVIGATION LIGHTS: YES
DC POWERED HORN: 1 X SEADOG LINE COMPACT SINGLE TRUMPET

AUXILIARY EQUIPMENT

MANUAL WINCH: 1 X 2500 LBS CAPACITY DUTTON USA
ANCHOR: 45LBS CQR SCOTLAND
SEWAGE HOLDING TANK: 1 X VETUS 120L
EMERGENCY TOWING EYES: YES
LIFTING/LAUNCHING: 4 X LIFTING EYES
DC POWER RECEPTACLE: 2 X MARINCO SEALINK USB & 12V RCT
AC POWER RECEPTACLES: YES
WINDSCREEN WIPER: 1 X SCHMITT 12VDC WIPER MOTOR
MARINE STEREO: FUSION ELECTRONICS RA210
WASHDOWN PUMP: 1 X JABSCO HOTSHOT HD6
FRESHWATER PUMPS: 2 X VETUS WP1213B
WASTE EVAC.PUMP: 1 X VETUS EMP14012B
TOILET & WASH BASIN: 1 X DESIGN MARINE

GENERAL LIGHTING

SUPERSTRUCTURE INNER LIGHTING: 3 X LUMITEC 4" AURORA DOME
SUPERSTRUCTURE PERIMETER LIGHTS: 3 X HUBBELL INCANDESCENT
DECK SPREADER LIGHT: 2 X LUMITECH CAPRERA III
BELOW-DECK LED LIGHTING: 2X LSHORE SMX II, 2X UCIN
ABOVE-DECK LED LIGHTING: 2 X LUMITECH PERIMETER

SPECIAL PROVISIONS

ANTI VIBRATION/INSULATION PADS INSTALLED BETWEEN DISSIMILAR METALS WITH STAINLESS FASTENERS & TEFLON SLEEVES.
35 UNITS OF 5KG SACRIFICIAL ZINC ANODES INSTALLED FOR HULL PROTECTION. ALL MARINE COATING USED ARE INTERNATIONAL PAINT PRODUCTS.
TARPAULIN SHADING FOR FORWARD DECK OPEN AREA. 2 X 3-SEATER, 1 X 4-SEATER, 1 X 2-SEATER, 2 X 3-SEATER SOFA STYLE SEATING WITH LUMBAR SUPPORT IN FORWARD DECK OPEN AREA, & 1 X 3-SEATER ON MONKEY ISLAND SURROUNDED BY ALUMINIUM STANCHIONS FITTED WITH STAINLESS STEEL OPENABLE CHAIN BARRICADES THAT ARE CLOSED WHILE UNDERWAY.
ALUMINIUM FRAME TABLES WITH STAINLESS CUPHOLDERS/ICE BUCKET CUTOUTS FOR SECURE PLACEMENT OF BOTTLES & DRINKING GLASSES WHILE UNDERWAY.
ANTI-SLIP (DEEP-EMBOSSED) VINYL TILE FLOORING IN OPEN DECK AREAS AND COATED CORK SHEET MATTING IN SUPERSTRUCTURE.