



## OCEAN SEARCHER

Operated in Indonesia by  
PT Samson Tiara Marine, Jakarta.

- Expatriate Management.
- Qualified & Experienced Indonesian crew.

PT. SAMSON TIARA Marine  
Kawasan Komersial Cilandak  
The Garden Center #6-03  
Jl. Raya Cilandak KKO  
Jakarta 12560



## OCEAN SEARCHER

Single screw, steel, Trawler Design.

### PRINCIPAL PARTICULARS

- FLAG : Indonesia
- PORT OF REGISTRY : Jakarta
- CURRENT LOCATION : Batavia Marina, Sunda Kelapa
- OWNER : PT Samson Tiara Marine
- OPERATOR : PT Samson Tiara Marine
- CALL SIGN : YB4796
- BUILDER : Ocean Shipyards,  
Fremantle, W.A.
- BUILT : 1998
- LENGTH (O/A) : 24.86 metres
- BREADTH (MLD) : 6.74 metres
- DEPTH (MLD) : 3.78 metres
- DRAFT FWD : 3.10m AFT 3.20m
- OFFICIAL NUMBER : GT.161 NO.5347/BCGROSS  
TONNAGE : 133 tonne
- LIGHTSHIP DISPLACEMENT : 154.91 Tonne
- CRUISING SPEED : 8.5 knots

### MACHINERY

- MAIN ENGINE
  - TYPE: Caterpillar Marine Diesel Engine
  - HOURS: 8000 from full rebuild
  - MANUFACTURER: Caterpillar
  - MODEL: 3508
  - ARRANGEMENT No.: 2W8886
  - SERIAL NUMBER: 69 Z 00406
  - KW : 375kW @ 1200 rpm
  - FUEL CONSUMPTION: 1500 litres/day
- REDUCTION GEARBOX
  - TYPE: ZF Hydraulic Marine Reverse
  - HOURS : 8000 from new
  - MODEL: ZFW4700
  - RATIO: 3.981:1
  - SERIAL NUMBER: 25001
  - PROPELLER SHAFT DIAM. 5" steel oil lubricated with white metal bearings.
- AUXILLIARY GENERATORS
  - PORT FWD
    - PRIME MOVER: Caterpillar Model 3304B DI
    - ARRANGEMENT No. : 1W9158
    - SERIAL NUMBER : 83 Z 04101
    - ALTERNATOR : Caterpillar SR-4, 415V @ 50 Hz
    - KVA : 100 kVA
  - PORT AFT
    - PRIME MOVER : Caterpillar Model 3304B DI
    - ARRANGEMENT No. : 1W9158
    - SERIAL NUMBER : 83 Z 04064
    - ALTERNATOR : Caterpillar SR-4, 415V @ 50 Hz
    - KVA : 100 kVA

Searcher Gensets & Main Engine.



## AUXILLIARY MACHINERY

- DECK MACHINERY/EQUIPMENT
  - ANCHORS: 2-300kg Stockless
  - ANCHOR CABLES: 2-165m by 22mm diameter stud link cable
  - WINDLASS: Hydraulic windlass with worm wheel reduction,
  - Twin warping drums and twin gipsies fitted with
  - friction brakes.
  - DECK WINCHES : Pt and stb hydraulically operated – 3 tonne capacity
  - TRY WINCH: Hydraulically operated
  - BOLLARDS: 6 sets of double bitts 150mm

## PUMPS

- BILGE PUMP : 1 – 50mm Shenton centrifugal pump. Electric drive, 4.0 kW
- GENERAL SERVICE PUMP : 1 – 50mm Shenton centrifugal pump. Electric drive, 4.0 Kw
- HYDRAULIC POWER PACK ;Main Power Pack 13kw Electrically driven
- HYDRAULIC POWER PACK : Hydraulic Vickers back-up power pack unit mounted at forward port bulkhead of engine room, below access ladder. Driven by 7.5 kW electric motor.
- ANCHOR WINCH PUMP : Hydraulic power pack, Hydra, powered by 11 kW electric motor. Hydraulic unit fitted up on forward bulkhead of the below deck stowage space. Hydraulic unit powers anchor windlass and try net winch.
- STEERING GEAR PUMP : Hydraulic steering gear pump direct coupled to main engine at port side.
- FUEL OIL TRANSFER : 1 – 40mm diameter Regent centrifugal. Electric drive, 2.25kW motor. No. 5 Simac hand operated fuel transfer pump
- FRESH WATER : Davey XP 350, electric driven pump located in forward stores space.
- STERN TUBE OIL : Simac No. 0 stern tube oil circulating pump.
- WATERMAKER : Citor, 5,000 liters /day

## CAPACITIES

- FUEL : 54,560 litres
- FRESH WATER : 9,420 litres



Searcher Galley

## GENERAL ARRANGEMENT

- **WHEELHOUSE**

Console fitted across wheelhouse front with standard compass on centre line and helm position behind at the aft face of the console. Pilot chair directly aft of helm position on ship's centreline. Console fitted with twin lever engine controls, electronic aids mounted on console and suspended from deckhead above helm position. Wheelhouse front fitted with eight fixed windows. Chart table to aft port side of wheelhouse with electronic aids mounted on outboard side of chart table and suspended from deckhead above chart table.

Skipper's day bed on aft starboard side bulkhead, forward bulkhead of the skipper's cabin. Companionway with steel watertight cover leading down in aft port corner of wheelhouse to alleyway which leads in from main deck area and forward and down to galley/saloon area. Wheelhouse fitted with wooden closing doors and steel watertight doors at the port and starboard sides.

- **ACCOMMODATION**

- Total : 14 including crew
- Masters cabin on bridge
- Port Fwd Cabin 3 single bunks and stowage locker
- Stbd Fwd Cabin 2 single bunks and stowage locker
- Stbd Aft Cabin For engineer. Fitted with upper and lower bunks and stowage
- Six beds in hold
- Bathroom Directly aft of the port forward cabin.
- Separate toilet area and Shower recess.
- Wash basin and vanity unit

- **GALLEY EQUIPMENT**

- Work bench,
- Electric stove,
- Microwave oven
- Rheem Laser hot water urn
- Fridge with deep freeze
- Chiller room
- Double bowl stainless steel sink
- Adequate stowage
- Three large chest freezers in hold

- **SALOON AREA**

- Settee seats on the forward, starboard side and aft bulkheads
- Saloon table
- Stowage space below settee seats
- Hitachi Airtopia Ace air conditioning unit
- Pantry Locker
- Pioneer Home Theater System
- Flatscreen TV with satellite TV (Indovision)

Anchor winch and forward deck.



• **NAVIGATION, COMMUNICATION AND POSITION FIXING EQUIPMENT**

- RADAR : Furuno FR 7112  
Furuno 1835 colour with ARPA II
- SOUNDER : JMC F2000 sounder
- G.P.S. : Furuno GPS 7000
- G.P.S. : Furuno GP32
- G.P.S. : Samyung NF560 combo/sounder
- H.F. RADIOS : Codan HF Marine Transceiver Codan 8528S  
Icom 802 with email capability
- COMPASS : Magnetic Tokyo Keiki type SM
- VHF RADIOS :
  - Sailor VHF Marine Transceiver
  - Icom VHF IC-M504
  - Three Potable VHF radios
- AUTO PILOT : Tokyo Keiki PR 1000
- Satellite :
  - Satmate I60 with tracking/broadband and telephone
  - ACES marine satphone
- CLOCK : 100mm diameter Quartz clock
- SART
- BAROMETER : 125mm diameter McCorkills
- EPIRB : Macmurdo 406mHz
- COMPUTERS : Apple Mac Mini  
Dedicated navigation computer with AIS and  
C-Plot navigation system incorporated
- Printer / Scanner Epson multifunction colour printer
- Main points :
  - 54 tons of fuel means 36 days duration in field
  - Large Back deck space
  - Large hold and stowage areas below deck
  - Stable and comfortable vessel at sea



Ocean searcher Stern showing DuckBoard and rear deck access for hoisting material onboard using the H frame and deck winches

**Contact Us**

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