

MS/Y
MONTECRISTO III°



BODRUM 2006

INDEX

A. TECHNICAL DATA REPORT

B. INTRODUCTION

SECTIONS:

1. ENGINE ROOM
2. INTERNAL COCKPIT
3. EXTERNAL COCKPIT
4. SAFETY
5. AIR CONDITIONING
6. FRIDGE & DEEP FRIDGE
7. TANKS
8. DECK EQUIPMENT
9. OTHER EQUIPMENT
 - a. Internal
 - b. External
- 10.DINGHY & OUTBOARD
- 11.HALYARD, SHEET, TOW & MOORING ROPE
- 12.USEFUL WEB LINKS

TECHNICAL DATA REPORT

FLAG:	ITALY
PORT OF REGISTRY:	ROMA 10754 D / 2007
C.I.N.:	TR – TSMT0503E506
CALL SIGN:	IO (India-Oscar) 4116
M.M.S.I.:	247096620
LENGTH OVER ALL:	23, 90 Meters
BEAM:	6, 60 Meters
DEPTH:	3, 70 Meters
DRAUGHT:	2, 60 Meters
DISPLACEMENT:	84, 00 Ton.
GROSS TONNAGE:	100, 00 Ton.
NET TONNAGE:	72, 00 Ton.

Introduction:

The MS/Y MONTECRISTO was built in BODRUM (TK) by NETA MARINE Boatyard, CE MARKING, RINA CERTIFICATION, CLASS B, 12 GUEST + 4 CREW.

The official first launch has been done in August 2006 but, the boat was really finished in March 2007.

So that the most relevant equipment on board, listed below, are 2006 and they started to work in March 2007; some exceptions are indicated aside of each item.

1. ENGINE ROOM EQUIPMENT:

- TWO INBOARD ENGINE VOLVO PENTA
 - Mod: D7CTA, Six cylinders in-line, 195 KW @ 2300 RPM, with reverse gear ZF 280, hours: 2800 ~
- **TWO GENERATOR KOHLER**
 - 11 KW: Mod. 11 EFOZD – EU1 50Hz, hours: 7000 ~, in 2010 all injector has been replaced, turbine fully revised by Kohler Authorized workshop in Napoli
 - 20KW: Mod. 20 EFOZD – EU 50Hz, hours: 8000 ~, in 2010 all injector has been replaced, turbine fully revised by Kohler Authorized workshop in Napoli
- **TWO WATER MAKER SELMAR**
 - Mod. Pacific 220, 210 liter ~ @ 60 bar, fully revised by SELMAR Headquarter in Marsala in 2013, both have 2800 ~ hours work
- TWO BOILER QUICK 220V, 80 LITER, with Engine Heat Exchanger
- **BATTERY**
 - Service No: 12 x 2V = 24V / 1500 Amp/h, year:2010
 - Engine No: 02 x 24V / 220 Amp/h each, year: 2013
 - Generators No: 02 x 12V / 105 Amp/h each, year: 2013
 - MF/HF Radio No: 02 x 12V / 440 Amp/h, year: 2013
 - Emergency No: 02 x 12V / 105 Amp/h, year: 2013
- ONE ALTERNATOR, 150 Amp for service battery pack (port engine)
- **BATTERY CHARGER**
 - Mastervolt MASS 100Ah/24V, year 2006
 - Mastervolt MASS 75Ah/24V, year 2011
 - Mastervolt MASS 40Ah/24V, year 2006
 - Victron 40Ah/12V, year 2011
- **INVERTER**
 - Mastervolt 24V / 800W, year 2006
 - Mastervolt 24V / 2500W, year 2010
 - Victron 24 V/ 3000W, year 2012
- DATA (TK): ANCHOR WINDLAS OIL TANK & HYDRAULIC PUMP (starboard engine)
- DATA (TK): OIL TANK (30lt.) & HYDRAULIC STEERING PUMP
- FIRE & BILGE PUMP: GIANNESCHI CP 50 M180/400, 220V -
- FIRE & BILGE CLUTCH PUMP: GIANNESCHI FC 40/160 FE (port engine)

- Both are able to pump sea water on the main deck in case of fire and/or empty one of five bilge compartment in the boat: Chain locker, crew cabin bilge, central corridor bilge, engine room and aft corridor bilge.
- Engine room bilge pump: RULE 3700 24V; Year 2013
- AIR CONDITION SEA WATER CIRCULATION PUMP: CALPEDA - 6300 lt./h 220V
- Main Fresh Water Pump: GIANNESCHI IDROMAXI JET 24V
- Spare Fresh Water Pump: JABASCO 50 lt./min, 24V
- FIRE SYSTEM: FIREKILL HFC 227, Automatic-Manual with remote control, RINA ISO 9094 Approved
- AIR VENTILATION: No: 3 GIANNESCHI Blowers, 2 FUN OUT & 1 FUN IN, connected @ Gianneschi Stainless Steel automatic smoke-fire-dampers

2. INTERNAL COCKPIT

- WOOD STEERING WHEEL connected by DATA (TK) Hydraulic pump to the rudder
- ELECTRONIC EQUIPMENT: RAYMARINE
 - ST60+ WIND INDICATOR
 - ST60+ RUDDER INDICATOR
 - ST60+ TRIDATA DISPLAY
 - ST60+ LOG-SPEED INDICATOR
 - ST6002 AUTOPILOT UNIT CONTROL
 - E80 CHART & RADAR DISPLAY UNIT (Classic)
 - JOYSTICK SEA TALK
 - VHF RAY 54E
- RADIO-CD PLAYER: KENWOOD/USB-BLUETOOTH 30WX4
 - INTERNAL LAUDSPEAKER: No: 4 BOSE 60W
 - EXTERNAL LAUDSPEAKER: No: 4 SONY MARINE 60W
- ENGINE ROOM DIGITAL THERMOMETER
- MAGNETIC COMPASS: RITCHIE HD – 75
- MF-HF: YAESU FT-450 (100W)
- NAVTEX: FURUNO
- ANALOGIC BAROMETER, HYGROMETER, THERMOMETER & CLOCK: BARIGO
- HAND VHF: RAYMARINE, RAY 101E (1-5W)
- HAND BEARING COMPASS: RIVIERA 2" 1/4
- VOLVO PENTA GAUGES: RPM, HOURS, ENGINE OIL pres., REVERSING GEAR OIL pres., WATER temp., VOLT ind.
- KOHLER DISPLY – UNIT CONTROL of GENERATORS: 11KW & 20KW
- BILGE ALLARMS PANEL

3. EXTERNAL COCKPIT

- WOOD STEERING WHEEL connected by DATA (TK) Hydraulic pump to the rudder
- ELECTRONIC EQUIPMENT: RAYMARINE
 - ST60+ WIND INDICATOR

- ST60+ RUDDER INDICATOR
- ST60+ TRIDATA DISPLAY
- ST60+ LOG-SPEED INDICATOR
- ST6002 AUTOPILOT UNIT CONTROL
- E120 CHART & RADAR DISPLAY UNIT (Classic)
- JOYSTICK SEA TALK
- FLUXGATE COMPASS ST 60
- VHF: LOWRANCE, LVR-250 E
- SEARCH LIGHT JOYSTICK CONTROL UNIT
- MAGNETIC COMPASS: RIVIERA, BW3 White Star 5'
- VOLVO PENTA GAUGES: RPM, HOURS, ENGINE OIL pres., REVERSING GEAR OIL pres., WATER temp., VOLT ind.

4. **SAFETY**

- E.P.I.R.B.: No: 1 ACR, RLB 32 - 406 MHz, No:44593, HAMMAR Hydrostatic Release Unit, (next services 06/16)
- **INFLATABLE LIFERAFT: No: 2 EUROVINIL, EV SOLAS/MED 8P/TO**
 - Complying with: SOLAS 74/96 – Reg. III/4 – LSA Code IMO MSC. 48(66) Res. MSC.81 (70)
 - EXAMINATION CERTIFICATE: EC TYPE, N° MED 102404CS/2 del 04/03/05
 - No: 2 HAMMAR H20 Hydrostatic Release Unit (next service 05/15)
 - ANNUAL SERVICES
- **LIFE JACKET:**
 - No: 12 ATLANTIS – 150 Newton, Adult
 - No: 03 Lalizas – 100 Newton, Children
 - No: 04 Lalizas – 275 Newton, Adult, Inflatable
 - No: 02 Lalizas, Life Buoy – 25 mt. floating rope + light buoy
 - No: 02 Lalizas, Kayak – Water Sky, Adult
- RED HAND RED FLARE (4), RED PARASHUTE FLARE (4), ORANGE SMOKE BUOY (3) are SOLAS 74/96. Next services: 05/17
- **FIRE EQUIPMENT**
 - No: 6 Hand Extinguishers, type: C, 3KG, annual services
 - No: 2 Hand Extinguishers, type: C, 6KG, annual services
 - No: 2 connection points, on the main deck, of sea water
- **24V BILGE IMMERSION PUMPS**
 - CHAIN LOCKER: RULE 3700, 2010
 - CREW BILGE: TM 2500, 2010
 - CENTRAL CORRIDOR BILGE: TM 2500, 2013
 - ENGINE ROOM: RULE 3700, 2013
 - AFT CORRIDOR BILGE: RULE 3700, 2012

5. AIR CONDITIONING

- VECO-CLIMMA: COMPACT EF E MK3, year 2010
 - No: 7 – COMPACT 9 / 9000 Btu/h: One in the saloon, the other in each cabin
 - No: 1 – COMPACT 12 / 12000 Btu/h: Kitchen
 - No: 1 – COMPACT 17 / 17000 Btu/h: Saloon

6. FRIDGE & DEEP FRIDGE

- KITCHEN
 - NO FROST LIEBHERR CES 4023, fridge 290 lt.~, deep fridge***** 92 lt.~, 220V, class A⁺⁺, year 2010
 - CUSTOM MADE by NETA MARINE (TK) Stainless Steel 350 lt. fridge, 24V.
- CENTRAL CORRIDOR LOCKER: BOSH Deep Fridge*** 90lt., 220V
- SALOON
 - CUSTOM MADE by NETA MARINE (TK) Stainless Steel 150 lt. fridge – deep fridge**, 24V.
 - CUSTOM MADE by NETA MARINE (TK) Stainless Steel 70 lt. fridge – deep fridge**, 24V.
 - BOSH Fridge 120 lt., single door, 220V

7. TANKS

- MADE by NETA MARINE all are in steel, located in the bottom, level indicator with transparent tube and/or graduate stick, all are connected to the use by steel pipe and stainless steel valve.
 - FRESH WATER TANKS, capacity 5000 lt.~, Painted with “Paint Food” 2013
 - GREY WATER TANKS, capacity 1000 lt.~, Painted with Veneziani epoxy paint 2013
 - TO EMPTY: Served by GIANNESCHI “MVG” PUMP, Capacity: Up to 7,8 m³/h, programmable timer, 24V + one JABASCO with rubber impeller as spare
 - BLACK WATER TANKS, capacity 1000 lt.~, Painted with Veneziani epoxy paint 2013
 - TO EMPTY: Served by GIANNESCHI “MVG” PUMP, Capacity: Up to 7,8 m³/h, programmable timer, 24V + one JABASCO with rubber impeller as spare
 - DIESEL TANKS, capacity 5000 lt.~, Not painted, fully inspected & cleaned in 2013
 - DIESEL DAILY TANK, Made by CAMMILLERI MECHANICAL WORKSHOP (SICILY, 2013) stainless steel, capacity 200 lt.~
 - TO EMPTY: Fuel and/or sea water Served by GIANNESCHI “IN” FUEL PUMP, Capacity: Up to 4,2 m³/h, 24V

8. DECK EQUIPMENT

- WINCHES HARKEN
 - No: 2 Electric, 60.2 STEA, Two Speed, Self tailing
 - No: 1 Electric, 48 STEA, Two Speed, Self tailing
 - No: 2 Manual, 44, Two Speed, Self tailing

- No: 1 Manual, 48, Two Speed, Self tailing
- No: 1 Manual, 32, Two Speed, Self tailing
- HARKEN: Rails, Travelers, Blocks
- HARKEN: Four Chrome Speed Grip Lock-In Winch Handle — 254 mm
- CLUTCHES : No. 22 SPINLOCK XCS White 08-14mm Single
- FORE STAY (GENOVA): WICHARD PROFURL C 480
- INNER STAY (JIB): WICHARD PROFURL C 430
- ANCHORAGE SYSTEM:
 - DATA (TK) HYDRAULIC WINDLASS, two gipsy, two warping drum
 - No: 2 ANCHOR HULL, 135 kg. each
 - Port chain: 12mm x 140 Mt. (calibrated)
 - Starboard chain: 12mm x 200 Mt. (calibrated)
- MASTS, BOOM & POLE
 - MAIN MAST MADE in Steel by NETA MARINE: Deck-stepped, Height: 22 Mt., 2 Spreader, Two Deck lights, 4 Up Spreader lights, Anchor Deck light, White Paint (2014)
 - Installations: Raymarine Wind Vane, VHF Antenna
 - Four folding step
 - MAIN BOOM MADE in Aluminum by TIBER SPAR (ROMA, 2007): Length: 8 Mt, 3 Reefs, 3 Stopper, Outhaul, 1 Deck light, White Paint (2014)
 - MIZZEN MAST MADE in Steel by NETA MARINE: Deck-stepped, Height: 20 Mt., 2 Spreader, Two Deck lights, 4 Up Spreader lights
 - Installations: VHF Antenna, TV Antenna, Satellite TV Antenna, GSM Antenna, Raymarine RADOME Radar Antenna, Search light
 - Two folding step
 - MIZZEN BOOM MADE in Steel by NETA MARINE: Length: 5 Mt, 2 Reefs, Outhaul, 4 Deck light, White Paint (2013)
 - BIGO POLE MADE in Stainless Steel by CAMMILLERI MECHANICAL WORKSHOP (SICILY, 2013);, length: 4,60 mt., 75mm diameter, Lift capacity: up to 500Kg
- SAIL: MADE BY “UK ISTANBUL”
 - GENOVA: Sail area: 125 m², Weight: 12 oz, Foam reef, Blue band UV Protection
 - JIB: Sail area: 50 m², Weight: 14 oz, Foam reef, Blue band UV Protection
 - MAIN: Sail area: 80 m², weight: 12_{oz}, Full Batten, Battcar system, Three reefs, Lazy Bag
 - MIZZEN: Sail area: 40 m², weight: 12_{oz}, Full Batten, Two reefs, Lazy Bag

9. OTHER EQUIPMENT

- a. INTERNAL
 - WASHING & DRY MACHINE: CANDY EVOW 4853D-S (2012), 8+5 KG, 220V
 - DISH WASHER MACHINE: MIELE professional G7856, 220V
 - OVEN: BOSH thermo-ventilated, 220V
 - NESPRESSO: KRUPS (2010), 220V

- MICROWAVE: BEKO 1200 W, 220V
- SLICING MACHINE: 22 cm diam., 220V
- AMERICAN COFFEE MACHINE, 220V
- HOT PLATE, 2000W, 220V
- No: 6 AIRDRYER, 2000W, 220V
- No: 1 TV SONY 32" HD Ready, 220V
- No: 1 DVD Player SAMSUNG, 220V
- No: 1 SATELLITE MOBILE PHONE THURAYA 2520
- No: 7 TOILETTE "TECMA ELEGANCE", 24V
- b. EXTERNAL
 - STERN GANGWAY, Stainless steel & Iroko, 4 MT. length, 0,60 mt. wide, 4 pulpit (2 each side), 6 step blue led lights
 - STERN MOORING LIGHT
 - DECK STEP LIGHTS
 - FOLDING SWIMMING LADDER, Stainless steel & Iroko on starboard side
 - REMOVABLE SWIMMING LADDER, Stainless steel on port side (2010)
 - FENDERS POLYFORM: No. 6/F8, 8/F7, 2/F3, 8/F1, 2/A4
 - ALL NAV LIGHTS: DHR 55
- KAYAK: No. 1+1 (2012, 2013), BIC mod. TRINIDAD YELLOW 3,59 X 0,84 Mt.
- WATER SKY Equipment
- THREE DECK FRESH WATER CONNECTION (Bow, Amidships, Astern), with $\frac{3}{8}$ " valve fast connection
- TWO WIRE OPENABLE DOORS IN THE STANCHION, one on port side & one on the starboard side
- THREE WOODEN HOOK
- HULL WILL BE PAINTED IN 2014

10. DINGHY & OUTBOARD

- DINGHY: RUBBER & FIBERGLASS BWA 5,10 OPEN, 2013, CUSTOM FITTINGING: Iroko wooden floor, mahogany control console complete with magnetic compass (RITCHIE HD – 75), engine instruments gauges, fuel gauge, electric panel: light system & bilge pump auto-manual control, close cell cushions, bow anchor locker with cushion, mahogany front consol sitting place with cushion, mahogany aft sitting group for 4 people with cushion, fuel tank of 70 liter capacity located underneath aft sitting group, Rule 500 bilge pump, stern stainless steel swimming ladder, hand Air-pumps, two paddles, anchor Delta 4 Kg., 3 mt. stainless steel chain 6mm, 30 mt. 10mm rope, hand extinguisher 2 Kg., class: C, waterproof blue navy coverage on the upper side of rubber tube.
- ENGINE: MERCURY F 40 ELPT EFI 60 HP, FOUR STROKE, 2013

11. HALYARD, SHEET, TOW & MOORING ROPES

- HALYARD:
 - No: 1 High-strength "GOTTIFREDI MAFFIOLI" 14mm X 25 Mt. GENOVA

- No: 1 High-strength "GOTTIFREDI MAFFIOLI" 14mm X 50 Mt. MAIN SAIL
- No: 1 High-strength "GOTTIFREDI MAFFIOLI" 14mm X 20 Mt. JIB
- No: 1 High-tenacity "GOTTIFREDI MAFFIOLI" 14mm X 50 Mt. SPARE
- No: 5 Polyester "LIROS" 14mm X 50 Mt.
- No: 1 Polyester "LIROS" 12mm X 50 Mt.
- No: 1 DYNEMA "GOTTIFREDI MAFFIOLI" 14mm X 35 Mt. GANGWAY
- No: 1 DYNEMA "LIROS" 14mm X 25 Mt. BIGO POLE
- No: 1 Polyester "LIROS" 8mm X 50 Mt. FLAG
- SHEET
 - No: 2 Polyester "LIROS" 22mm X 36 Mt. GENOVA
 - No: 1 Polyester "LIROS" 14mm X 15 Mt. JIB
 - No: 1 High-strength "GOTTIFREDI & MAFFIOLI" 14mm X 30 Mt. MAIN SAIL
 - No: 2 Polyester "LIROS" 14mm X 20 Mt. MIZZEN SAIL
 - No: 2 High-strength "GOTTIFREDI MAFFIOLI" 14mm X 15 Mt. Mizzen back-stay tackle
 - No: 2 Polyester "LIROS" 14mm X 25 Mt. LIFE-LINE
 - No: 2 Polyester "LIROS" 14mm X 50 Mt. SPRING-LINE
 -
- TOW & MOORING ROPE (3-strand laid)
 - No: 4 Polyester "LIROS" 26mm X 25 Mt., blue
 - No: 4 Polyester "LIROS" 20mm X 25 Mt., blue
 - No: 2 Polyester "LIROS" 22mm X 25 Mt., orange, DINGHY TOW-LINE
 - No: 1 Polyester "LIROS" 22mm X 50 Mt., orange, DINGHY TOW-LINE

12. USEFUL WEB LINKS

- MS/Y MONTECRISTO: <http://www.montecristocruise.com>
- GOTTIFREDI MAFFIOLI: <http://www.gottifredimaffioli.com>
- TECMA TOILETTE: <http://www.tecma.eu/?steID=1&catID=48>
- HARKEN: <http://www.harken.it/>
- LIROS: <http://www.liros.com/>
- MERCURY: <http://www.mercurymarine.com/>
- BWA: <http://www.bwa.it/IT/home.php>
- GIANNESCHI: <http://www.gianneschi.net/>
- KOHLER: <http://www.kohlerpower.com/marine/>
- VOLVO PENTA: <http://www.volvopenta.com/volvopenta/italy/it-it/MARINE>
- KAYAK BIC: <http://it.bicsportkayaks.com/prodotti/>
- DATA HYDRAULIC: <http://www.datahidrolik.com/EN-En/>
- LIEBHERR FRIDGE: <http://www.liebherr.com/HG/en-GB/region-IT/>
- MIELE DISHWASHER: <http://www.mieleprofessionalclick.it/it/shop-miele/prodotti-nuovi/lavastoviglie/g7856-miele.html>
- CANDY WASH & DRY MACHINE: http://www.candy.it/prodotti/scheda_prodotto.asp?id=61789&linea=13&nomeurl
- AIR CONDITIONING: <http://www.veco.net/index.php/it/prodotti/condizionamento-nautica/impianti-indipendenti/compact-mk3>
- CLUTCHES SPINLOCK: https://www.spinlock.co.uk/en/categories/clutches-1/product_groups/xcs
- PROFURL: <http://www.profurl.com/english.html>