



1005 WEST STATE ROAD 84, # 511  
FORT LAUDERDALE, FLORIDA 33315  
Phone: 954-306-9660

**FILE NUMBER: 24767**

**PREPARED FOR:**

**DATE:** July 26, 2024

**VESSEL NAME:** EQUINOX



# SURVEY REPORT

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**VESSEL NAME:** EQUINOX

## GENERAL

**HULL IDENTIFICATION NUMBER:** UNS65S04I809

**BUILDER:** Uniesse

**STANDARDS:** American Boat and Yacht Council

**MODEL LENGTH:** 68'

**CONFIGURATION MODEL:** Sport Cruiser

**YEAR BUILT:** 2008 per hull number

**MODEL YEAR:** 2009 per hull number

**USCG DOCUMENTATION #:** 1315526

**REGISTERED HAILING PORT:** Newport, Rhode Island

**U.S.C.G. DOCUMENT L.O.A.:** 68'    **BEAM:** 16' 4"    **DRAFT:** 4' 8"

**GENERATOR HOURS:** 1614 on the generator hour meter

**REPORTED ENGINE HOURS:**

**PORT:** 994 on the MAN display

**STARBOARD:** 992 on the MAN display

**SURVEY MADE AT:** vessel's berth and Seminole Boatyard, Palm Beach Gardens, Florida

**VESSEL'S BERTH:** Loggerhead Marina, Palm Beach Gardens, Florida

**NAVIGATIONAL LIMITS:** inland, coastwise

**VESSEL PURPOSE[s]:** recreation

**VALUES:**

**MARKET:** approximately \$725,000<sup>00</sup> as equipped and upon compliance with all recommendations

**REPLACEMENT:** approximately \$3,090,000<sup>00</sup> as equipped

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## HULL

**BOTTOM:** molded fiberglass

**CONDITION:** sound

**KEEL:** Modified-vee

**STEM:** curved

**STERN:** round

**FRAMES:** partitions and bulkheads

**FLOOR TIMBERS:** partitions and bulkheads

**FASTENINGS:** reinforced fiberglass

**TOPSIDES:** molded fiberglass

**CONDITION:** sound

**DECK BEAMS:** molded fiberglass

**DECKS:** teak over fiberglass with core

**CONDITION:** sound

**SUPERSTRUCTURE:** fiberglass with core

**BULKHEADS:** 3 full, 1 partial

**BILGE CONDITION:** relatively clean

**PROPELLERS:** 5-bladed no size stamp

**SPARES:** none

**PROPELLER SHAFTS:** 3" stainless steel

**BEARINGS [SHAFT]:** cutlass

**STRUTS:** single-arm each side

**RUDDER:** spade

**STEERING GEAR:** hydraulic

### **INTERIOR:**

- Vinyl overhead and wall covering
- Laminate soles
- Walnut trim paneling and cabinetry
- Molded counters

## MACHINERY

**ENGINE MAKE:** M.A.N.

**ENGINE MODEL #:** D2842LE423

**PORT ENGINE SERIAL #:** 69019148071878

**STARBOARD ENGINE SERIAL #:** 69019148091878

**NO. CYLINDERS:** 12

**RATED H.P.:** 2300

**MAXIMUM RATED R.P.M.:** 1300

**YEAR:** original

**WHEN OVERHAULED:** not reported

**ENGINE SURVEY:** see Marine Diesel and Engineering report

**REDUCTION GEAR:** Zahnradfabrik Friedrichshafen AG **RATIO:** 1.91:1

**MODEL #:** ZF 665A

**PORT SERIAL NUMBER:** 20104211

**STARBOARD SERIAL NUMBER:** 20104210

**ENGINE BED:** fiberglass stringers

**PAN UNDER ENGINE:** trapped area

**ENGINE COOLING SYSTEM:** freshwater

**VENTILATION:** good **BLOWER:** port and starboard

**FILTER[S]:** primary: Racor; secondary: Cannister

**EXHAUST LINE:** hose connected; stainless steel risers

**EXHAUST SILENCER:** water collector-type muffler / underwater exhaust

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**ENGINE ALTERNATOR:** 24-volt port and starboard

**CONTROLS:** electronic

**SHAFTLOGS, TYPE:** flex

**STUFF BOX:** dripless seals

**WATERMAKER:** Village Marine

**BILGE PUMPS:** 5 electric/automatic, 1 sump

**FRESHWATER PRESSURE SYSTEM:** 24 VDC

**AIR COMPRESSOR:** 24 VDC

**BOW THRUSTER:** Side Power

## **FIRE FIGHTING & SAFETY EQUIPMENT**

**PORTABLE EXTINGUISHERS:** Dry chemical

**INSPECTION DATE:** tags July 2024

**BUILT-IN SYSTEM:** HFC 227

**INSPECTION DATE:** tag July 2024

**AUXILIARY FIRE PUMP SYSTEM:** none

**LIFE RAFT:** Revere 6-person

**INSPECTION DUE:** September 2024

**LIFE RAFT HYDROSTATIC RELEASE:** none

**LIFE JACKETS:** Adult type II

**LIFE RINGS:** 24" USCG Approved

**BELL:** 6"

**HORN:** compressed air

**DISCHARGE OF OIL PLAQUE:** yes

**WASTE DISCHARGE PLAQUE:** none

**WASTE MANAGEMENT PLAN:** none

**FLARES:** none

**E.P.I.R.B:** none

**RULES OF THE ROAD BOOK:** none

**FIRST AID KIT:** none

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## ELECTRICAL SYSTEM

**GENERATOR:** Onan

**LOCATION:** aft in the engine room

**VENTILATION:** good

**MODEL #:** 19MDKBV-7334A

**SERIAL #:** D080172172

**KILOWATTS:** 23.0

**VOLTAGE:** 120/240

**FREQUENCY:** 60

**NO. OF CYLINDERS:** 4

**RPM:** 1800

**COOLED:** freshwater

**EXHAUST LINE:** hose connected fiberglass muffler

**FILTERS:** primary: Racor

**BATTERY CHARGER[S]:** Dolphin 24-100 / Dolphin 12-volt

**BATTERY INSTALLATION:** in covered battery boxes:

- Four 12-volt 8D to house service
- Four 12-volt Group 27 to engines

**WIRING:** cambric, thermoplastic, molded rubber

**CONDITION:** appears good

**SWITCHBOARD:** crew quarters / main cabin

**FUSED:** yes

**CIRCUIT BREAKER:** yes

**LIGHTNING ARRESTOR:** none

**GROUND:** negative

**Shorepower Transformer:** Charles

**Shorepower Voltage / Amperage:** 240 voltage, 50 amperage

**Number of Cords:** 1 **Condition:** good

**Circuit Breaker Location:** aft in rudder compartment

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## TANKAGE

**FUEL; NUMBER/CAPACITY:** 2; diesel approximately 1,200 gallons total

**LOCATION[s]:** approximately 600 gallons each, port and starboard in engine room

**SHAPE:** rectangular

**MATERIAL[s]:** aluminum

**SECURED:** yes

**BONDED:** yes

**CONDITION[s]:** good where accessible

**FILLING LINES AND VENTS:** hose connected    **SECURED:** yes    **BONDED:** yes

**FUEL OVERFLOW:** outboard    **FUEL LINES AND CONNECTIONS:** pressure hose

**VALVES:** approved    **LOCATION:** at the tanks and at the filters    **ACCESSIBILITY:** good

**ADDITIONAL FUEL OR INFLAMMABLES CARRIED:** none on-board at time of survey

**WATER; NUMBER/CAPACITY:** 2 approximately 246 gallons total

**LOCATION[s]:** port and starboard aft in engine room

**SHAPE:** rectangular

**MATERIAL[s]:** polyethylene

**CONDITION[s]:** good where accessible

**HOLDING; NUMBER/CAPACITY:** 1 approximately 200 gallons total

**LOCATION[s]:** under companionway sole

**SHAPE:** rectangular

**MATERIAL[s]:** polyethylene

**CONDITION[s]:** good where accessible

## ELECTRONICS

**RADAR:** Garmin

**VHF:** Garmin

**SAT TV:** KVH TracVision

**AUTOPILOT:** Raymarine

**GPS:** Garmin

**DEPTHSOUNDER:** Raymarine

**COMPASS:** Azimuth magnetic

**SEARCHLIGHT:** ACR

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## **DECK EQUIPMENT**

**GROUND TACKLE:** approximately 35-lb. plow anchor with approximately 200' of chain

**WINDLASS:** Lofrans

**CLEATS:** stainless steel

**SAFETY RAILS:** stainless steel

## **AUDIO/VIDEO**

**SATTV RECEIVERS:** KVH TracVision

**STEREOS:** Fusion

**TELEVISIONS:** Samsung

## **HYDRAULICS**

**DAVIT:** Besenzoni

**PASSERELLE:** Besenzoni

## **APPLIANCES**

**REFRIGERATION:** Isotherm / Vitrifrigo

**ICEMAKER:** U-line

**STOVETOP:** Bosch 4-burner electric / Miele grill

**OVEN:** Miele

**WATER HEATER:** 18-gallon electric

## **AIR CONDITIONING**

**MANUFACTURER[S]:** Dometic chilled water

**NO. OF COMPRESSORS:** Three

**RAW WATER COOLING PUMPS:** One

**FRESH WATER CIRCULATION PUMPS:** One

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## **TRIAL RUN DATA**

### **SEE MARINE DIESEL AND ENGINEERING REPORT**

<b>RPM</b>	<b>SPEED [KNOTS]</b>
1200	12.6
1400	17.8
1600	23.0
1800	28.4
1950	31.0
2150	34.3
<b>Full</b>	36.8

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## PHOTOGRAPHS

### HULL IDENTIFICATION NUMBER



### UNITED STATES COAST GUARD OFFICIAL NUMBER



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## RUNNING GEAR



## STERN



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**Marine Surveyor Group**  
1005 West State Road 84, # 511  
Fort Lauderdale, Florida 33315  
Phone: 954-612-6834

VESSEL: EQUINOX  
HULL #: UNS65S041809  
FILE #: 24767  
DATE: June 26, 2024

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## **EQUIPMENT**

### **BOTTOM**

Four underwater lights at transom  
Stem thruster  
Bow thruster  
Five blade propellers  
Dual cylinder trim tab, port and starboard

### **TOPSIDES**

Molded fiberglass swim platform with teak overlay  
Stem cleat, port and starboard  
Two swim ladders  
Hydraulic door to transom  
Hydraulic Besenzoni passerelle  
Transom garage, with:

- Miscellaneous deck lines and fenders
- 30" life ring
- Type II life jackets
- Six-person Revere life raft, recertification due September 2024

### **DECKS AND SUPERSTRUCTURE**

Molded fiberglass deck with teak overlay  
Stainless steel railing  
Spring cleats, port and starboard  
Bow cleats with line chocks, port and starboard  
Fiberglass anchor pulpit with anchor roller, plow anchor with approximately 200' of chain  
Lofrans anchor windlass  
Chain locker with freshwater spigot  
Remote windlass control  
Deck hatch  
Sun lounge area with cushions, stainless steel grab rails  
Two windshield wipers

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Water fill, starboard  
Diesel fuel fill, port and starboard  
Waste pump-out, port forward

### **HARDTOP**

Two VHF antennas  
GPS antenna  
KVH satellite television antenna  
Dual trumpet horn  
Radar scanner  
Signal mast with forward navigation and anchor light  
Three recessed lights, aft  
Retractable roof  
Port and starboard navigation lights

### **AFT DECK**

Fiberglass deck with teak overlay  
Stainless steel safety rails  
Sun pad, aft  
Stern cleat, port and starboard  
JL Audio stereo speakers, port and starboard  
Besenzoni passerelle control  
Fuel shut-off handlers  
Vitrfrigo refrigerator  
Overhang with recessed lights, CCTV camera, JL Audio stereo speakers  
Fusion stereo control  
Fiberglass cabinet, starboard, with:

- Molded sink
- Faucet
- Miele electric grill
- U-line icemaker

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### **CREW QUARTERS**

Carpeted sole  
Vinyl overhead  
Recessed overhead lights  
Porthole  
Kidde dry chemical fire extinguisher, tag May 2023  
Single berth  
Sony television  
Dometic air conditioning control  
Circuit panel  
Village Marine watermaker control  
JVC stereo

### **RUDDER COMPARTMENT**

Hold lights  
Lofrans winch circuit breakers  
Charles shore power transformer  
Four Sea Vision underwater lights  
Hydraulic steering actuator  
Side Power stern thruster  
240-volt 50-amp shore power cable on retractable reel  
Village watermaker  
X-Caliber freshwater pressure pump  
DC freshwater pressure pump  
Trim tab hydraulic power pack  
Besenzoni hydraulic power pack  
Hydraulic steering power pack

### **ENGINE ROOM**

DC hold lights  
Hatch to aft deck  
1,092 liter diesel fuel tank, port and starboard  
United States Coast Guard Document # 1315526  
Two Rule electric/automatic bilge pumps, forward  
Dolphin 24.100 battery charger

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MAN engine ECU  
DC air compressor  
Hydraulic power pack to passerelle  
Three compressor Dometic air conditioning chilled water air conditioning system  
Dual Racor fuel filters to each engine  
Racor fuel filter to generator  
CCTV camera, forward and aft  
Dripless shaft seal, port and starboard  
BSCO FE 227 fire suppression cylinder, tag July 2024

### **LOWER HELM**

Two Garmin displays  
Two MAN engine displays  
Uniesse touch panel controls  
Switch panels  
Side Power bow / stern thruster  
Electronic engine controls  
Fusion stereo control  
Raymarine depth sounder  
Azimuth magnetic compass  
ACR searchlight control  
Raymarine autopilot  
Trim tab indicator  
DC circuit panel  
Air conditioning control

### **MAIN CABIN**

Double door entry  
Laminate sole  
Vinyl overhead  
Sofa, port and starboard  
A/V equipment locker  
LED television on mechanical lift  
Dometic air conditioning control

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**GALLEY**

Laminate sole with carpet overlay  
4-burner Bosch stove  
Stainless steel sink  
Faucet  
Miele oven  
Isotherm refrigerator / freezer

**UNDER COMPANIONWAY**

Polyethylene holding tank  
Waste macerator discharge pump  
Electric/automatic bilge pump

**STARBOARD GUEST STATEROOM**

Carpeted sole  
Vinyl overhead  
Recessed lights  
Twin berths with mattresses and bedding  
Nightstand between berths  
Reading light at each berth  
Dometic air conditioning control  
Hanging locker  
ANAF dry chemical fire extinguisher, no tag  
Porthole in alcove with blinds  
Air conditioning unit below inboard berth  
LG LED television

**STARBOARD GUEST HEAD**

Molded fiberglass liner  
Walnut sole  
Two recessed lights  
Porthole in alcove with blinds  
Vanity with glass top, molded sink with faucet  
Medicine locker, outboard

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Tecma marine head  
Circular shower door  
Handheld showerhead on hose

### **BOW STATEROOM**

Carpeted sole  
Vinyl overhead with recessed lights  
Overhead hatch with blackout screen  
Porthole in alcove with curtains, port and starboard  
Dometic air conditioning control  
Hanging locker, port and starboard  
Double island berth with mattress, linens, three drawers  
Samsung LED television

### **BOW STATEROOM HEAD**

Fiberglass molded liner  
Walnut sole  
Recessed lights  
Tecma marine head  
Vanity with glass counter, molded sink, single lever faucet  
Medicine locker, outboard  
Stall shower

### **MASTER STATEROOM**

Carpeted sole  
Vinyl overhead  
Recessed overhead lights  
Dead light, port and starboard  
Queen berth  
Four drawers, starboard  
Samsung LED television  
Hanging locker, port and starboard

### **MASTER STATEROOM HEAD**

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Fiberglass molded liner  
Walnut sole  
Recessed lights  
Tecma marine head  
Vanity with glass counter, molded sink, single lever faucet  
Medicine locker, outboard  
Stall shower

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