

**ISLAND MARINE SURVEYORS**

**P.O. BOX 144**

**SAND POINT, ALASKA 99661**

**(907) 383-3701 FAX (907) 383-6099**

**VESSEL CONDITION & VALUATION SURVEY**

**FILE NO:** 22-26

**OWNER/ADDRESS:** CORY K. WILSON

[REDACTED]

[REDACTED]

**VESSEL:** F/V MISS COURTNEY KIM

**HOME PORT:** King Cove, AK.

**DOC NO:** 991477

**ADFG NO:** 76676

**DRY DOCKED:** King Cove Boat Harbor

**YEAR:** 2022

**SERVICE:** Commercial Fishing

Salmon Seine, Pollock/Cod trawl & Pot Cod/Crab

**BUILDER:** Delta Marine

**YEAR BUILT:** 1993

**AREA:** Seattle, WA.

**HULL CONSTRUCTION:** Molded Fiberglass

**DOCUMENTATION:** LOA: 58.0'

**Beam:** 19.1'

**Depth:** 10.0'

**Gross:** 74T      **Net:** 59T

**VESSEL SURVEY:**

**CABIN:**

**Location:** c/forward

**Entry:** single aluminum sea door w/window, p/side aft

**Windows:** (15) around cabin, p/s side & aft are sliders

**Interior Finish:** tile, Formica paneling, Teak trim, & rubber based lineloum on floor

**FO'C'SLE:**

**Location:** forpeak

**Berths:** (4) w/covered mattresses

**Scuttle Hatch:** 25"x25", p/side overhead

**Storage:** drawers & lockers throughout forpeak & floor

**Interior Finish:** wall paper, Formica on walls, carpeted inside lockers, Teak trim & linoleum on floor.

**Washer/Dryer:** Bosch

**Marport Charges:** (2) Marport Senson chargers for trawls

**T.V:** 16" dia. Proscan

**First Aid Box:** mounted forward bulk head

**MASTER**

**STATEROOM:**

**Location:** p/side galley enclosed

**Berths:** (2) w/covered mattresses

**Storage:** drawers & lockers

**Window:** porthole

**Vanity:** sink & mirror

**Interior Finish:** wallpaper, Formica, Teak trim & linoleum on floor

**GALLEY:**

**Location:** below "Whaleback"

**Stove:** General Electric (4) burner & oven

**Sink:** double s/s w/H&C faucets, s/side

**Counter/Cabinets:** all around

**Freezer/Refrigerator:** Americana, c/aft

**Mess:** galley table w/covered cushions

**F/V MISS COURTNEY KIM**

**1.**

**Storage:** below seats, drawers, & lockers

**Interior Finish:** Formica all around, Teak trim w/linoleum on floor

**HEAD:**

**Location;** p/side aft & enclosed

**Toilet:** Jensen

**Sink:** s/s w/pressurized H&C faucets & mirror

**Shower:** enclosed

**Window:** aft porthole

**Interior Finish:** Formica, Teak trim & linoleum on floor

**PILOT HOUSE:**

**Location:** top cabin

**Entry:** stairwell, p/side

**Windows:** (14) windows around, aft sliders

**Helm:** 24" dia. s/s

**Helm Seat:** chairs

w/cushions

**Compass:** 8" dia. Dirigo w/light

**Engine Controls:** Hynautics clutch/throttle

**Panels:** electrical & engine instrument

**Equipment:** navigation & communication

**Ship's Clock:** brass

**Aft Pilot House Deck:** Deep freeze 29x20x30

**Ship's Barometer:** brass

**Interior Finish:** Formica, Teak trim & linoleum on floor

**ENGINE ROOM:**

overhaul 2016)

**Location:** below galley floor

**Access:** stairwell, c/forward entry

**Engine Make:** Caterpillar 3408

**Fuel:** diesel (rebuilt as total

**Fuel Manifold:** ball valves

**Engine Hours:** 6,325

**Horse Power:** 480

**Turbo Charger:** yes

**After Cool:** yes

**Keel Cooled:** yes

**Engine Start:** 24 volt

**Fuel Filter:** dual 2040 Racors

**Alternators:** Prestolite/Leece Neville 75 amps, engine driven

**Transmission:** Twin Disc MG-516

**Ratio:** 5:1

**Hydraulics:** dual 60/40 Vickers coupled to Marco gear box & Beevis air clutch

**Exhaust:** dry, insulated, & wrapped w/Hyko muffler (hospital grade)

**Ventilation:** 208 volt fan, engine companionway

**Insulated:** 3" leaded engine room ceiling

**Starboard Auxiliary:** John Deere 6868

**Engine Hours:** 15,581

**Generator:** Marathon

**KW:** 75

**Voltages:** 120/208

**Type Fuel:** diesel

**Fuel Filter:** 2040 Racor pumps

**Hydraulics:** (2) 48/28 volt coupled to Marco gear box & Beevis air clutch

**Auxiliary:** Kohler

**Engine Hours:** 614.6

**Engine Start:** 12 volt

**Keel Cooled:** yes

**Fuel Filter:** 2040 Racor

**Fuel Filter:** 2040 Racor

**Voltages:** 120/208

**KW:** 15

**PUMPS:**

**Vessel Hydraulics:** Vickers

**Bilge/Deck/Washdown:** 2" dia. Flomax

**Bilge:** Rule 3700gph w/float switch, engine room

**Fresh Water:** shallow well Jacuzzi (new 2018)

**Steering:** Vickers on engine w/Wagner power pak

**CSW:** dual 5x4 & 4x3 Deming & added "T" for split

**RSW:** Cold Sea 30 Ton, Forane 507A

**Condenser:** 2" dia. Flomax

**BATTERIES:**

**House/Main Engine:** 4-8D marine (new 2019) 24 volt system

**Auxiliary:** John Deere 12 volt 8D marine, Suzu 12 volt truck

**Battery Switch:** (2) Cole Hersee, engine room

**Charging System:** all engines have alternators & consta volts. Charles 30 amp on auxiliaries & Lewco **M/N:** 2440ACD-2, 24 volt, 60 amp for main engine.

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**2.**

**SEA CHESTS:**

**Main:** 5" fiberglass w/butterfly valve, s/aft

**Deck Washdown:** 2" dia. brass thru hull w/gate valve, p/aft

**Bilge:** Rule 3700gph w/float switch, forward engine room

**Condenser:** 2" dia. brass thru hull w/gate valve, p/aft engine room

**Toilet Supply:** Teed off washdown

**Toilet Out:** 1 1/2" dia. brass thru hull w/gate valve p/aft engine room

**STEERING:**

**Type:** hydraulic

**Helm Pumps:** Wagner

**Plumbing:** s/s lines

**Ram:** Wagner T-5

**Stations:** (3) pilot house

**FUEL TANKS:**

**Material:** fiberglass

**#Tanks:** 2

**Quantity:** 3600 gals. diesel

**Filter:** Racor

**Valve:** ball

**Vent:** atmosphere

**Location:** amidships aft

**FRESH WATER**

**TANKS:**

**Material:** fiberglass

**#Tanks:** 3

**Quantity:** 1600 gals. potable

**Filter:**

**Valve:** ball

**Vent:** atmosphere

**Location:** stern & bulbous bow

## HYDRAULIC

### TANKS:

gals. hydraulic

**Material:** aluminum

**Split #Tanks:** 1

**Quantity:** 50 gals. lube & 200

**Filter:** spin-on

**Valve:** gate

**Vent:** atmosphere

**Location:** forward engine room

## HOT WATER

### TANK:

**Make:** GE

**Volt:** 110

**Quantity:** 25 gal.

**Location:** s/aft engine room

## ELECTRICAL:

**Systems:** 12/24/110/208 volts w/breakers & battery disconnect

**Wiring:** marine, tied, routed, & fastened

**Panel:** 12/24/110/208 volt Delta Marine w/54 breakers pilot house

**Panel:** 12/24/volt Delta Marine w/13 breakers engine room

**Panel:** 110/208 volt plus meters Harris Electric w/24 breakers includes shore

power

**Panel:** 24 volt Delta Marine w/18 toggle switches for ship alarms

**Deck Lights:** 110 volt

**Cabin Lights:** 110 volt

**Navigation Lights:** 24 volt

**Engine Room Lights:** 24/110 volt

**Engine Start:** 24 volt

**Auxiliary Start:** 12 volt

**Water Pumps:** 110 volt

**Cabin Fan:** 110 volt (head)

**CSW Pump:** 208 volt

**RSW Pump:** 208 volt

**Condenser Pump:** 208 volt

**Bilge Pump:** 208 volt

**Navigation & Communication Equipment:** 12/24/110 volt

## FIRE

### EXTINGUISHERS:

**Fo'c'sle:** Amerex, 10 lbs. dry chemical for ABC fires

**Cabin:** Badger, 2.5 lbs. dry chemical for ABC fires

**Pilot House:** Amerex, 10 lbs. dry chemical for ABC fires

**Engine Room:** Halon plumbed to engine room, (2) Amerex, 10 lbs. dry

chemical for

ABC fires.

**Master Stateroom:** Badger 2.5 lbsl, ABC fires & First Alert 10 lbs. ABC fires

**ALL GAUGES ARE IN THE GREEN**

**ELECTRONICS:**

**Radar:** Furuno **M/N:** RCU-014 **Range:** 96 miles

Touch **Range:** 36 mile

**Plotter, Radar, Down Sounder:** Furuno **M/N:** Nav Net TZ 2-

**Plotter:** Nobel Tec, Nobel Tec Globe & Nobel Tec Pro

**GPS:** Furuno **M/N:** GP-31

**Loran:** Furuno **Satellite**

**Compass:** Furuno **M/N:** SL-50

**Plotter:** Asus Glove, Max Sea

**Auto Pilot:** Roberts **M/N:** AP-45

**Auto Pilot:** ComNav **M/N:** 2000

**Jog Sticks:** ComNav **M/N:** 202 FFU

**Rudder Angle Indicators:** ComNav

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**3.**

**Water Temp Vessel Speed:** Furuno KD-30

**Color Down Sounder:** Furuno **M/N:** FCV-1200L

**NMF Monitor Observer:** LVC 5770 w/3-deck cameras

**Satellite Phone/Internet:** KIVIH

**Watch Alarm:** RDI

**Net Sounder:** Marport **M/N:** Cooler Master

w/coupler

**Single Side Band:** Stephens **M/N:** SEA 222

**VHF:** Standard Horizon (2) p/s side **M/N:** GX5500S

**Ship Monitor:** Lorex, 4-cameras engine room

**Satellite Phone/Internet:** KVH Mini Sat

**Loud Hailer:** Furuno **M/N:** LH 3000

**Two Meter:** ICOM **M/N:** IC-2300H

**Two Meter:** ICOM

**M/N:** IC-V8000

**RSW Temp:** Cold Sea

**M/N:** A419

**IPAD:** Apple w/Mini Nav

**CD Player:** Alpine w/speakers

## **EMERGENCY**

### **EQUIPMENT:**

**Life Raft:** Guardian 8-person, A-pak

**EPIRB:** Smartfind 406, battery current to 6/2020

**Survival Suits:** (6) Adult w/(3) Jumbo & Child

**Life Ring:** 30" dia. w/60' line

**Life Sling:** Overboard Rescue System

**Life Vests:** (6) Adult PFD

**Flares:** current

**First Aid Kit:** custom

level, engine

**Alarms:** low oil, high water temp, water level, auxiliary 1 & 2, hydraulic fluid

brine flow,

room high bilge, lazarette high bilge, engine room/galley fire, crab tank flow,

forward/aft high/low water fish holds. Shut offs on auxiliaries.

**Fire Extinguishers:** current & mounted

**Navigation & Communication Equipment:** mounted

### **ANCHOR GEAR:**

**Location:** bow deck

**Windlass:** Thompson hydraulic w/control

**Anchor:** Forfjord #30

**Chain:** ¾" galvanized steel, 60'

**Cable:** 50 fathoms ¾" dia. galvanized steel, (new 2022)

**Cathead:** steel w/roller

### **DECK GEAR:**

**Bow Deck:** anchor gear, cleat/chalk & bulwarks located here



pot area

**Bow Bulwarks:** 2' molded fiberglass

**Handrail:** 1 ½" dia. aluminum 35"H to deck

**Aft Deck:** 30'Lx19'6" work area

**Aft Bulwarks:** 33"H, 48"H @s/side w/2.5" s/s sea rail, s/bulwarks raised 14",

**Cleats/Chalks:** brass (1) on each side

**Scuppers:** 15"Lx9"H, (4) ea. side aft deck

**Bait Chopper:** Yaquina s/s

**Pot Hauler:** Yaquina w/24" sheeves

**Exhaust Cowling:** free standing mast, steel

**Fuel Fillers:** 3.5" dia. steel, p/s side forward deck

**Thru Hull Fittings:** (1) fiberglass, (2) brass, p/side (3) brass, s/side

**RIGGING:**

**Location:** aft deck

**Mast:** free standing steel mast

**Antenna Cross Tree:** 2" dia. aluminum pipe

**Main Boom:** 8" dia. x24'L sched. 40 boom stock

**Picking Boom:** 9"x20' boom stock w/vanning

**Lifting Winches:** Pullmasters M-12,M-5, PL-5 Rostler, 8000 PL-5 Vanning

**Hydraulic Controls:** (5) control banks, 18 handles

**Stabilizers:** 4" dia. 20'L sched. 80 steel w/wood fins/weight

**Davit:** s/s hydraulic for hauling pots

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**4.**

**HATCHES:**

**Fish Hold:** 8'1"x8'1"x16"H aluminum

**Aft Fish Hold:** 47"x47"Delta hatch cover w/24"x24" Baier

**Stuffing Box:** 26"x17" Baier

**Engine Room:** stairway w/steel ladder

**Scuttle Hatch:** 25"x25"

**UNDERWATER**

**FITTINGS:**

**SURVEYED IN WATER WITH OWNER PRESENT**

## **VESSEL**

**CONSTRUCTION:**                      **Hull:** 5/8" molded fiberglass                      **Bottom:** 5/8" to 1" @keel

**Deck Frame/Deck Plate:** Balsa core w/fiberglass between cores, 3 ½" thick

**Longitudinals:** 4"Wx6"D fir timbers laminated w/fiberglass

**Bulkheads:** 4-watertight, fiberglass balsa core, (3) layers.

**Bulwarks:** molded fiberglass w/UHMW & wrapped w/aluminum

**Cabin Frame/Cabin Plating:** molded fiberglass

**Guards:** UHMW

**Exhaust:** free standing mast, 3/8 steel plate, frame 3/8 flat bar

**Engine Bedding:** Main engine is bolted to 4"Wx18"H, w/4"x4" fir laminated w/fiberglass & 4"x4" angle steel bolted to 3/8" steel stringers. At front and back of engine are 6"X16" stiffeners.

**Auxiliary Engines:** they are bolted to aluminum ¼" channel which is bolted to fiberglass framing.

**Pot Guard:** vertical s/s, s/side

**RECOMMENDATIONS:**              **NONE**

## **GENERAL DESCRIPTION:**

This is a commercial fishing vessel that engages in purse seining, trawling, and pot fishing. This vessel operates of the coast of the Alaska Peninsula; the Pacific Ocean and the Bering Sea. This vessel has a raked stem, flared bow and a transom style stern. This vessel is a "Whaleback" (enclosed raised bow) in hull configuration.

The hull cabin and decks are constructed of molded fiberglass. The hull is solid fiberglass at the bottom and hull. The hull has foam stiffeners on center throughout the vessel. There are also foam stiffeners under the ballast cement. The forward deck is constructed of balsa core, foam stiffeners, marine plywood and laminated fiberglass. The poop deck has a false deck of Apatong. The cabin is molded fiberglass with balsa core and windows all around. The bulkheads are watertight and are constructed of foam with foam stiffeners and fiberglass. The bulwarks on deck are constructed of solid lay up fiberglass with vertical stiffeners and deck drain scupper son each side. The main engine is mounted to steel angle plate that is bolted to structural foam stiffeners that are longitudinals along each side of the bilge. The auxiliaries are bolted to steel angle box plate bolted to fiberglass pads in the engine room.

On the bow deck and forward are a cathead with roller, anchor, chain and cable that attaches to a hydraulic windlass with control. On each side of the bow deck are chocks and cleats. The scuttle hatch is located here for fo'c'sle access in case of emergency. There is a walkway along each side of the top cabin that goes to cabin aft and provides access to port and starboard pipe ladders to the lower aft work deck. Aft of the top cabin is an exhaust cowling for engines, a galley stove pipe and freezer chest. The lower aft work deck directly behind the "Whaleback" has the rigging, which includes mast, tri-pod bracing for mast, booms, and stabilizer poles with fins. On the mast is a hydraulic topping lift winch and on each of the booms are hydraulic lifting winches.. Hydraulic valve banks to control the hydraulic gear is bolted to the back of the starboard aft cabin. The mast and booms are secured with fore and side stays. There are davits, ring bar brackets, cleats/chocks, fuel, water fillers and vents on the port and starboard amidships aft deck. The main cargo hold is center aft of the "Whaleback" with an aluminum flush deck cover that has inspection hatches. The main cargo hold is binned off with aluminum bin boards and it is plumbed for refrigerated circulating seawater and has a sump for water discharge. A steel door to the aft cargo hold is on the main cargo hold aft bulkhead and is watertight. This cargo hold is accessed from the deck through an aluminum hatch cover. Aft of the main cargo hold is another smaller cargo hold with an aluminum deck hatch for access. Aft of this is the lazarette and is accessed through an aluminum deck hatch; here are the steering rams, fuel and water tanks. Directly aft on the stern bulwark is a stainless steel plate, which is used as a landing bracket for the seine skiff to sit on when hauled on deck. Along the port and starboard side are upper and lower guards. The upper guards have half round chafing gear. There is chafing gear amidships and at the port and starboard stern corners. There are brass thru hull fittings along the port and starboard side of the hull.

The cabin sits forward on the "Whaleback" deck and serves as the pilothouse where the vessel is operated. The lower

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## **5.**

cabin is in the "Whaleback" and has access through the main cabin to the fo'c'sle, which has berths, washer and dryer, storage lockers and scuttle hatch. The main cabin has the master stateroom, which is enclosed; there are berths, storage and a sink with vanity. The galley is located aft in the main cabin with stove, refrigerator, microwave, galley table with

bench seats, sinks, drain board, cabinets and lockers for storage. The main cabin can be accessed through a watertight

Dutch sea door at port aft and a set of slanted wood stairs forward and to the port. These stairs and an aluminum Dutch sea door with window access the pilothouse from the "Whaleback" deck. The pilothouse has a forward console with storage area that has emergency battery and engine room fan. There is the steering helm, helm seats, compass, engine controls, and day berth, windows all around with port and starboard being sliders, navigation and communication equipment mounted on the forward console and above on the ceiling. The engine room is located below the main cabin deck port aft and can be accessed from a companionway aluminum pipe ladder. Here is main engine on center, auxiliaries on port and starboard side, fire suppression system, fresh water system, fuel systems,

hot water tank, refrigerated circulating seawater system with valves and pumps, batteries, steering and hydraulic systems.

This vessel has been maintained on the exterior and the interior with normal wear and tear. There was no electrolysis present in any of the systems. All thru hull fittings are in working order with gate or ball valves. All belts and hoses on the main and auxiliary engines are in good shape.

Vessel was surveyed without prejudice. Engines, electronics and communication equipment were not put in service at the time of survey; the surveyor was unable to see or inspect the following areas of the vessel, tanks, and interior of tanks.

**VALUES:**

**ESTIMATED FAIR MARKET VALUE: \$2,500,000.00**

**ESTIMATED NEW REPLACEMENT VALUE: \$4,000,000.00**

**MAY 20, 2022**

This survey sets forth the apparent condition of the vessel to the best of the surveyor's ability without removal of engine,, bulkheads or other portions of the vessel. However in submitting this survey, it is understood by all parties concerned that this is not a guarantee of its accuracy, nor does it create any liability on the part of the surveyor or his employees arising from reliance on the survey.

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**Captain David O. Osterback,**  
**Marine Surveyor**  
**D**

**P=PORT**

**S=STARBOARD**

**Island**  
**Marine Surveyors**  
**W=WITH      C=CENTER**

**H&C= HOT & COLD**

**S/S=STAINLESS STEEL**

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**6.**

**2013**

**1.** Installed new boom in 2013, include M-12, PL-5 (slider) M-6, Pullmasters, w/Ratzler 8000 (end of boom,

PL-5 (vanning winch) topping PL-5.

2. S/P picking booms replaced PL-5, w/M-8 Pullmasters
3. Hydraulic valves 18 banks aft cabin deck

### **Purchased Appliances – 2013**

1. Stove
  2. Refrigerator/Freezer
  3. Micro Wave
- Total: \$2200.00

### **2013**

|   |           |             |                 |
|---|-----------|-------------|-----------------|
| Boom  |           | \$17,000.00 |                 |
| Lengthen boom 6'  |           | 6,000.00    |                 |
| Winches   |           | 28,000.00   |                 |
| Control Valves  |           | 14,000.00   |                 |
| Hardware (vanning<br>springs)                           | 9,000.00  |             | Deck            |
| Lights  |           | 2,600.00    |                 |
| Crab So   |           | 6,000.00    |                 |
| Pot Launcher  |           | 2,500.00    |                 |
| Hauler  |           | 12,500.00   |                 |
| Coiler  |           | 2,500.00    |                 |
| Raised Bulwarks @ stern for trolling                    |           | 6,000.00    |                 |
| Installed Apatong Work                                  |           |             |                 |
| Deck  | 6,000.00  |             |                 |
| 24"x24" sq. aluminum Baier s/s tubing on main boom<br>& | 2,400.00  |             |                 |
| all hydraulic s/s lines to<br>hydraulic valves          | 50,000.00 |             | Purchased Marco |
| 32" power grip w/tilt                                   | 38,000.00 |             |                 |

### **Bottom Vessel 2016**

- |    |   |           |
|----|---|-----------|
| 1. | Added 30"x16"Wx50' steel, 9,000 lbs.  | 12,000.00 |
| 2. | Installed aqua 22 s/s intermediate shaft & tail shaft (3) couplings, new cutlass bearing, new dripless stuffing box & stern bearing. All new Intermediate bearings. | 40,000.00 |

### **Trawl gear**

- |    |  |            |
|----|--|------------|
| 1. | Installed/purchased new 62" dia. 5-blade bronze propeller  | 17,000.00  |
| 2. | Purchased & installed (2) new trawl winches Yaquinas   | 72,000.00  |
| 3. | Purchased & installed new Pinkerton net reel w/stauchions  | 10,000.00  |
| 4. | Installed 1" steel (4) pads w/reel threads on p/s side aft deck<br>Installed ½" aluminum as a washer plate below each pad. | 5,000.00   |
| 5. | Pollock net, cod net, (2) cod ends   | 130,000.00 |
| 6. | Marport sensons (M2MBAR) for Pollock/cod trawls for head rope, doors & cod end.  | 50,000.00  |

### **2016**

Vessel was grounded on a submerged rock on Fox Island, near King Cove, AK. Balbous bow & starboard side rolling chalks were damaged. Damages were minor & owner did the repairs.

### **2017**

- |   |          |
|---|----------|
| Purchased new Nav Net Radar/Plotter and Down Sounder w/upgrades | 7,000.00 |
|---|----------|

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Removed (2) picking booms and added (1) live boom for p/s access, 8"x20'w/M-12 Pullmaster for lifting w/1" Spectra, M-8 Pullmaster for hauling fish aboard w/3/4 Spectra & cover, Topping lift PL-5 Pullmaster w/9/16" galvanized cable, & vanning PL-5 Pullmaster w/double spools & 9/16" galvanized cable included p/s springs & Control valves (valve oil).

**\$41,700.00****2018**

S/s davit 6" square tube w/6" dia s/s rod pipe schedule 120 w/2 rams w/s/s rods 2" dia.

Added (2) hydraulic valve oil sections to hydraulic system. System called "live davit" goes both vertical & horizontal directions.

**\$21,500.00**

Replaced topping and Vanning cables

**600.00**

Replaced anchor cable 1" dia. galvanized steel

**1,200.00**

Added all RSW control panel in pilot house that accesses all operations on an

Automated system. CCL Enterprises

**5,000.00**

Replaced all mattresses & seat cushions on vessel (7-mattresses, 7 piece dinette)

**5,600.00**

included freight

**1,000.00**

Replaced refrigerator Americana

**700.00**

Replaced all cabin heaters (5)

**1,000.00**

Replaced toilet w/Jensen w/macerator 24 volt

**400.00****2019**

Added tracker for power skiff & new computer w/Globel Star Navigation System

& Max Sea Bottom Tracker.

**\$5,600.00**



|   |          |
|---|----------|
| Replaced engine room door w/Sea Glaze fire door | 3,400.00 |
|---|----------|

**2021**

|   |             |
|---|-------------|
| Replaced Suzui engine/15KW generator and replaced with Kohler 20 KW | \$20,000.00 |
|---|-------------|

**2022**

|  |            |
|--|------------|
| Replaced generator on John Deere engine with 70KW Marathon, included freight | \$7,500.00 |
|--|------------|

|   |          |
|---|----------|
| Up-graded all plotters with new Nobel Tec Pro | 5,500.00 |
|---|----------|

F/V MISS COURTNEY KIM

8.

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Thank You,

*David Osterback*