

PREVITI * MARINE SURVEYOR AND CONSULTANT, INC.

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SOLOMONS, MD 20688

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MARINE INSURANCE SURVEY

File No. NO042307

Date 4/23/07

2002 CARVER FIVE SEVENTY VOYAGER M/Y,

“XXXX XX XXX XXXXX”

XXXXX XXX

REPORT OF CONDITION AND VALUE

This is to certify that on 4/23/07, at the request of XXXXX XXXXXX, I conducted a survey of the above vessel in water hauled at Zahniser’s Marina, in Solomons, Md. Results of the survey are as follows:

GENERAL DATA

NAME “XXXXXXXXXXXXXXXXXXXXX **PRESENT OWNER** XXXXX & XXXXX
XXXXX XXX

BUILDER Carver

DESIGNER Carver

VESSEL TYPE Grp motor yacht

HULL ID # CDRNA104D202

AREA OF OPERATION Inland & Coastal

YEAR BUILT 2002

DOCUMENTATION # **STATE REGISTRATION #** 112946

HULL DETAIL

LOA 59’, 2

LWL N/A

BEAM 15’, 4”

DRAFT 4’, 9”

BOTTOM CONFIGURATION Semi-V, hard chines, twin screw

DISPLACEMENT 52,500 # **BALLAST** N/A # **TYPE** N/A

BUILDING MATERIAL (Grp) Glass reinforced plastic) **SOLID** **CORED**

BULKHEADS & STRUCTURAL MEMBERS Good. Like new

COSMETIC CONDITION Good. Close to new

EXTERIOR WOODWORK CONDITION N/A

HULL & DECK JOINT Vertical hull and deck flanges are screwed into a large internal cleat.
Joint appeared in like new condition where visible.

BOTTOM Good. Strong. Mid ranged moisture levels. No signs of damage

GENERAL CONDITION Close to new

DECK & SUPERSTRUCTURE

DECK CONFIGURATION Bow platform, short foredeck, narrow side decks. Low profile forward cabin runs aft to raised salon with flybridge and large flybridge deck. Swim platform. Flybridge molded in hardtop

BUILDING MATERIAL Grp. (Glass reinforced plastic) **SOLID** [] **CORED** [x]

CORE TYPE Balsa **GELCOAT CONDITION** Close to new

STRUCTURE Typical top and bottom grp skinned, balsa core sandwich construction

GENERAL CONDITION Good. Close to new. No elevated moisture levels, factory voids or damage found.

STEERING SYSTEM

TYPE Single station hydraulic wheel steering

AUTOPILOT Raymarine Raypilot

OTHER N/A **CONDITION** Good

UNDERWATER MACHINERY & HARDWARE

THRUHULL MATERIAL 1 bronze transducer found. 7 bronze thru-hulls
CONDITION Good

SEACOCKS, BALLVALVES 7 ballvalves **CONDITION** Good.

PROP, SHAFT, STUFFING BOX(ES), STRUT OR STERN BEARING.

CONDITION Good

HOSES & CONNECTIONS

CONDITION Good

HOSE CLAMPS DOUBLED [x]

RUDDER MATERIAL Bronze

CONDITION Good

ENGINE ROOM

PORT ENGINE

STARBOARD ENGINE

MAKE Volvo Penta **YEAR** 2002

MAKE Volvo Penta **YEAR** 2002

MODEL # TAMD74 P B **HOURS** 384.1
or EDC

MODEL#TAMD74P.B **HOURS** 385.5
or EDC

SERIAL # 2071157645.157645 **H.P.** 478.315
at 2,600 rpms

SERIAL#2071157794.157794**H.P.** 478.315

FUEL: GAS [] **DIESEL** [x]

FWC [x] **SWC** []

ENGINE BED CONDITION Hollow box stringers are good

TRANSMISSION MAKE AND MODEL# ZF, model #IRM301A.2. 2.55: 1 ratio.

PORT SERIAL # 20010437

STARBOARD SERIAL #20010438

GENERAL CONDITION Good. Low hours. Close to new

STATION CONTROLS AND CONDITION; Single station, twin engine, dual lever controls are good.

EXHAUST SYSTEM

WET **DRY** **HOSES** Generally good. **CLAMPS** Good **MUFFLERS** Good
VENTILATION: NATURAL VENTS & DUCTS **BLOWER** **ADEQUATE**

CARBON MONOXIDE DETECTION: Yes. In each cabin

CONDITION Good. See recommendation #1.

FUEL SYSTEM

TANKS 2 **SECURED PROPERLY** Yes **MATERIAL** ¼” aluminum

BONDED Yes **ADEQUATE FUEL SHUT-OFF** Yes

CONDITION Good

12 VOLT ELECTRICAL SYSTEM

GENERAL CONDITION Good. See recommendation #2.

AC 50 amp/ 220 volt SYSTEM:

GENERATOR: MAKE Kohler Model #155602. Serial #0726760

GENERAL CONDITION All appeared good.

INTERIOR LAYOUT

Forward stateroom with offset island berth/ Starboard enclosed head with separate shower/ Port stateroom with offset island berth/ Forward enclosed shower/ Aft enclosed head/ Steps up to large settee area/ Steps down to port galley and salon. From the large settee area, steps up to flybridge and large aft flybridge deck with rotating helm seat to combine with port settee

GALLEY: STOVE **OVEN** **FUEL : CNG** **KEROSENE** **ELECTRIC**
PROPANE **ALCOHOL** **MICROWAVE** **BUTANE** **CONVECTION**

REFRIGERATION: 110V **12V** **MECHANICAL**

CONDITION Good. Separate refrigerator and freezer. Flybridge refrigerator

POTABLE WATER SYSTEM, TYPE AND CONDITION Hot and cold pressure water system with 2 plastic tanks. Appeared good.

HEAD SYSTEM(S) AND CONDITION 2 Vacu-flush heads, 2 large plastic holding tanks. Macerator discharge and dockside pump-out. All appeared good. **Note;** Port stateroom Vacu-flush did not appear to be functioning.

SAFETY EQUIPMENT

FLARES: **AERIAL** Yes **EXPIRATION DATE** Expired 2003
HAND HELD Yes **EXPIRATION DATE** 2008
ORANGE **EXPIRATION DATE**

PERSONAL FLOATATION:

TYPE II **TYPE IV**
NO. 8 **NO. 2** life rings

HORN [x]
BELL []

FIRE PROTECTION:

TYPE Dry chemical

NUMBER 1

DATE OF LAST INSPECTION 2001 **CONDITION** Good. See rec. #3.

ENGINE ROOM SYSTEM [x] **LAST INSPECTION** 2002

FUME DETECTOR [] No

MAN OVERBOARD SYSTEMS: Boarding ladder, Type IV life rings and swim platform

BILGE PUMPS:

MANUAL []

ELECTRIC [3]

AUTOMATIC [3]

OPERATING CONDITION Good

LIGHTNING PROTECTION: Vessel is bonded

ANCHORING SYSTEMS: Large plow anchor with approx. 200' x 7/16" chain
See rec. #4

EQUIPMENT LIST

5 reversed cycle air conditioning units, including the flybridge unit
 Volvo Penta bow thruster
 Samsung color TV with VCR in forward cabin
 Sharp color TV with Toshiba VCR in port master stateroom
 Washer and dryer
 Sony DVLPHTV in main settee area
 Separate refrigerator and freezer
 Flybridge refrigerator and wet bar
 Sony CD DVD player
 Sony digital audio/video control center
 Carpet, cushions, furniture, blinds and curtains
 Convection oven
 Sony DVLPHTV in salon
 Toshiba cassette recorder/player in salon
 Vanner inverter/charger
 20 amp C charge for generator battery
 Spare 50 amp shore power cord
 50 amp shore power cord on Cable Master cable handler
 Oil change system
 C-Power shore power transformer
 12 volt windlass
 Bow roller
 Bow rail and full stainless steel safety rails.
 Sun cushion for foredeck
 Remote control searchlight
 Fenders and docking lines
 Hatch and windlass canvas covers
 Raymarine ST 60 Tridata; depth, speed, log, MOB
 Raymarine Raypilot autopilot
 Horizon Spectra VHF/FM radio telephone with emergency locator
 Flybridge and cockpit carpet
 Voyager forward scanning sonar
 Flybridge enclosure
 Aft flybridge enclosure
 Jenn Air flybridge grill
 Flybridge upholstered helm and guest seating with rotating helm to combine with flybridge settee
 Windshield cover
 Windshield wipers and washers
 2005 Tohatsu 9.8 hp outboard motor. Model #MSF9.8A2 SV2. Serial #031226XD
 2003 Avon hard bottom inflatable launch. HIN:ABV46320304
 Tracvision 4
 Weems & Plath barometer
 Weems & Plath clock
 Trim tabs
 Docking lines and fenders
 Wash down system
 Swim shower
 Interior decor
 Many personal effects
 More!!!

FINDINGS

ITEM	DESCRIPTION	RECOMMENDATIONS
#1.	The short section of generator exhaust hose from the gen set to the muffler, is cracking. PRIORITY. SAFETY. ESSENTIAL. Consider raising the muffler to eliminate sharp bend in the exhaust hose, which is partial cause for hose cracking. IMPORTANT. NON-ESSENTIAL.	#1. Replace cracking exhaust hose.
#2.	The stern light did not function. Approx. ½ volt DC noted from the central engine room batteries, negative posts to the battery box screws to platform. No stray current found to bilge. PRIORITY. SAFETY. ESSENTIAL. Consider removal of central engine room batteries to clean the platform, then add a layer of “gum” rubber beneath batteries to isolate them from the platform. IMPORTANT. PREVENTATIVE. NON-ESSENTIAL	#2. Check bulb and contacts. Repair as needed.
#3.	Only 1 portable fire extinguisher was found. Units should be mounted in the forward cabin, port stateroom and salon, as well as on the bridge. PRIORITY. SAFETY. ESSENTIAL. Note; Other fire extinguishers may exist but were not found.	#3. Carry a minimum of four portable fire
#4.	Anchor rode shackle pins are not seized. PRIORITY. SAFETY. ESSENTIAL.	#4. Seize all anchor rode shackle pins with stainless steel seizing wire or equivalent, to prevent accidental ground tackle failure.

Other comments;

Some standing water noted in the port stateroom bilge, possibly due to leaking sink and shower plumbing

Generator appeared approx. 1 qt low on engine oil.

Possible minor leak noted in the aft bilge compartment, centerline manifold, air conditioning distribution manifold.

CONCLUSION

The 2002 Carver Five Seventy, 59' LOA motor yacht, "LADY of the OPERA Final Act", was found in close to new condition. All structural members were found in like new condition, including her hull to deck joint where visible. Bottom sounded substantial and strong, offered mid ranged moisture levels and no signs of blistering, delamination or damage. All below waterline hardware was found in good order. Deck were found in like new condition with no elevated moisture levels, voids, or delamination. Engines and associated machinery appeared very clean and well maintained, with low hours logged. Interior and exterior cosmetics are close to new. Interior is very attractive and nicely executed. A good optional equipment inventory was found.

All findings and recommendations, listed in this report, are given values, such as; PRIORITY, IMPORTANT or MINOR. Additional comments are made as to the nature of the finding, such as; SAFETY, SYSTEM PERFORMANCE, STRUCTURAL and INVESTMENT VALUE. In some cases the association or federal dept. responsible for the recommendation is given. These are; The American Boat and Yacht Council (ABYC), The United States Coast Guard (USCG), The National Fire Protection Association (NFPA) and The American National Standards Institute (ANSI). All findings and recommendations are the opinion of this surveyor.

All "PRIORITY" recommendations should be repaired or replaced prior to the next use of the vessel. "IMPORTANT" recommendations may be repaired or replaced at the owners discretion. "MINOR" recommendations require no action at this time.

With all "PRIORITY" recommendations corrected, this vessel should be considered a good insurance risk.

The most recent published values for a 2002 Carver Five Seventy Voyager, in average condition with stock equipment range from a low of \$621,000 to a high of \$683,000. Considering the close to new condition of the vessel and optional equipment, an approx. **fair market value of \$XXX,XXX**, is given. Replacement costs for a new like kind vessel with similar equipment would be approx. \$1,100,000

CONCLUSION CONTINUED;

THE FOREGOING INDEPENDENT SURVEY REPORT IS FOR INSURANCE AND FINANCING PURPOSES ONLY & IS NOT A PRE-PURCHASE INSPECTION. IT IS BASED UPON INSPECTION OF ALL SPACES ACCESSIBLE WITHOUT REMOVAL OF FURNITURE AND FIXED EQUIPMENT. THIS SURVEY IS NEITHER A GUARANTEE OF THE CONDITION OR VALUE OF THE VESSEL, FITTINGS, OR EQUIPMENT; NOR IS IT A GUARANTEE OF THE SEAWORTHINESS OF THIS VESSEL. IT IS THE SOLE RESPONSIBILITY OF THE MASTER OF ANY VESSEL TO DETERMINE THE SEAWORTHINESS AND SUITABILITY OF HIS VESSEL FOR ANY INTENDED VOYAGE. THE SURVEYOR SHALL NOT BE HELD LIABLE FOR ANY ERRORS OR OMISSIONS, FOR ANY HIDDEN DEFECTS, OR FOR THOSE MANIFESTING THEMSELVES AT A LATER DATE. THE USE OF THIS REPORT SHALL CONSTITUTE ACCEPTANCE OF THESE CONDITIONS.

Signed without prejudice,

A handwritten signature in black ink that reads "Michael L. Previti". The signature is written in a cursive, flowing style.

Michael L. Previti
President
PREVITI*MARINE SURVEYOR
& CONSULTANT, INC.

MEMBER OF THE AMERICAN BOAT AND YACHT COUNCIL SINCE 1982
NATIONAL ASSOCIATION OF MARINE SURVEYORS SA