

CAPTAIN B.T. BESSELLIEU

2427 N Street
Eureka, CA 95501

Marine Surveyor

Phone: (707) 442-4927

July 25, 2006

Fishery Permit Office
National Marine Fisheries Service
Northwest Region
7600 Sand Point Way N.E.
Seattle, Wa. 98115

TO WHOM IT MAY CONCERN

Re: F/V RENABEL-Official Number 259-676
Dale R. Nielsen-owner

THIS IS TO CERTIFY THAT THE UNDERSIGNED SURVEYOR, at the request of boat owner Dale R. Nielsen of 3824 F street, Eureka, Ca. 95503, while the boat was lying afloat at its mooring at the Woodley Island Marina, Eureka, Ca. on July 25, 2006 did measure the F/V RENABEL to determine the length overall.

The Simlified measurement used was the horizontal distance between the outboard side of the foremost part of the stem excluding the overhang of the anchor fairlead and to the outboard side of the foremost part of the aftermost part of the stern excluding rudders, outboard motor brackets, and other similar fittings and attachments as per (46 CFR Ch. 1, Subpart E. 69.203)
49 feet 02 unches was the result.


B.T. Bessellieu

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REPORT OF SURVEY

Phone: (707) 442-4827
Date of inspection: Aug. 14, 2006

Vessel RENABEL Construction steel
Home Port Eureka, Ca. Official No. 259-676 Tonnage, Gross 31 Net 21
Owner Dale R. Nielsen Address 3324 F St. Eureka, Ca. 95503

HULL TYPE oil screw/raked stem/round stern SERVICE drag/albacore fishing

Dimensions: Length 49'-02" Beam 14.3' Depth 6.1' Mast/Boom both steel
Year Built 1950 at Seattle, Wa. Builder unk Last Drydocked August 2006

Description 49 feet 02 inches LOA by certified measurement-all welded Cordon

steel plate hull construction with a round chine and full keel commercial fishing trawler/troller combination. Has a raised 10"high foredeck to back even forward corner deckhouse then a second 11"high stepdown just aft forward corner deckhouse then flush to the stern. The solid steel bulwarks is 16½"high from stem to deck break, then 32"high then tapers to 31"high to aft and around the stern. The fish hold has a 4"high steel coaming with a boldt down cover. A steel boexed hold opening sets 8"inside all around existing hold cover and has a 24"high coaming and a 46"x 52"opening with a fitted steel cover. A smaller 21"x 26" opening is built into existing cover on centerline aft cover equipped with a fitted steel cover.

There is one each side aft fish hold opening 14"dia. fish shoots set on 4"high steel coaming with lift up metal covers. Access to flying bridge is gained from a fixed stainless pipe ladder aft exterior house starboard

side.
Planking rpt. 5/16"cordova Frames 2"x 3" steel angles Spaced 14½"centers average
steel bottom/½" sides
Deck rpt. ½" steel Beams 2"x 2" steel I beams Spaced 15"centers average

Cabins and how ventilated wood door starboard side and 8"dia. one dog porthole pilothouse-wood door aft portside house
Cabins/Pilothouse: Location: FWD x Aft Amidships Material wood

Deck House Layout one main deckhouse with flying bridge-central passageway-galley aft-wood door amidship leads into ladder to engine room-door further forward leads into toilet/wash basin-adjacent pilothouse starboard side storage locker-portside open single berth-
Galley cooking center portside aft-single stainless sink with ample formica counter with builtin drawers/cabinets etc.-Pacific oil stove-Norcold ref/fr.-table stbd.side with double athwartship padded bench seats

No. berths in Forecastle 2 No. Berths in MAIN DECK House 1 Marine Toilet yes/with basin
FIRE EXTINGUISHERS: 8 lb DC forecastle-10 lb CO2 pilothouse-10 lb DC engine room alcove

ENGINE ROOMS & PROPULSION MACHINERY: Main Engines 335/6 cyl. with Turbo HP 325

Manufactured by: Cummins Engine Co. Fuel diesel Last Overhauled rpt. 2001

Age of Engine est. 15 yrs Engine Cooling System keel cooler Engine Alarm yes

Engine Foundation ½" steel I beam Fuel Consumption Per Hour 5 to 6 gals

Fuel Capacity 2,800 gals No. Tanks 5 Location 3 stern/2 wings Material steel

Fill Lines thru deck fittings Vented to atmp Shut Off Valves at eng.rm. Fuel Lines ½" pipe/copper

Fresh Water Tanks one steel Capacity 100 gals Bilge Alarm yes Fire Alarm smoke alarm

PUMPS: Manual Bilge Pumps - No. 1 Size 2½" Electric Bilge Pumps - No. 1 Rule Size 1"

Power Bilge/Wash Down Pumps - No. 2 Size 2" Pacer driven by hydraulics-one 2" Pacer driven by auxiliary

Auxiliary 4 cyl Perkins diesel-12 KW Hydromax generator-two large 12V batteries mounted bulkhead forward with shut off-circuit breaker panel fwd. bulkhead
Tail Shaft 2½" bronze Propellers: four bl. Rudder steel Speed in Miles 9K

ELECTRICAL SYSTEM: 12/110/220V-four 12V diehard batteries deep cycle -three 12V

standard batteries-one 12V55 amp and Overload Protection fused circuits with master
one 12V/ 90 amp Delco alternators dial/knife shut off

Wiring Type plastic covered Exhaust Slack & Stove Pipe Clear of wood work? insulation wrapped-auxilliary piped main stack

ELECTRONICS & SPECIAL EQUIPMENT:

Auto Pilot: Wood Freeman (not operational) Fathometer: Raytheon F360D MK11
 Loran: Furuno GPS Navigator Direction Finder: -none-
 Radio: VHF Standard Horizon Gurdies: -none-
 Radar: Furuno 24 mile range Power Block: -none-
 C.B. Radio: President LTD 950 Refrigeration: -none-

Anchor Gear/Deck Machinery hyd. anchor winch-Northhill anchor-10 fms 3/4" chain-40 fms 9/16" wire-steel anchor fairlead/roller over stem

Person Representing vessel during survey: owner
 Engine running during survey no Engine Hours none available
 Vessels cruising range relative to fuel capacity estimated 21 days
 Were recommendations explained to owner/representative? yes
 Vessels running lights - comply with USCG Regulations? yes
 Time limit for compliance with recommendations prior to going fishing
 Was owner/representative given copy of recommendations? yes
 Fire fighting equipment comply with N.F.P.A. 302 standards? yes
 No. Crew owner and family only Requested by owner
 Surveyed afloat at Woodley Island Marina, Eureka, Ca.
 Waters navigated within 25 miles coast Operator's Experience 30 yrs
 Estimated Replacement Value \$250,000/275,000 Estimated Present Market Value \$ 100,000/120,000

Remarks, Defects or Recommendations are listed on attached sheet if required.

ADDITIONAL ELECTRONICS

- 1- Furuno FCV 667 fathometer
- 2- Furuno Video Plotter GD 3100
- 3- Del Computer with Globe navigation attachment
- 4- Realistic AM/FM and CB radio with four speakers-mounted galley


 Surveyor

PILOTHOUSE LAYOUT: small wood console forward- 4" dia. dome liquid compass-Morse speed/shift controls-30"dia. wood spoked steering wheel-padded fold down seat portside-small alcove starboard side aft with seat-five across front windows set in wood frames-access to forecandle gained through open scuttle portside forward pilothouse

FLYING BRIDGE: has a 34"high solid wood dodger across front and partway sides-30"dia. cast iron spoked steering wheel-Morse speed/shift controls-6"dia. spotlight-large wood box seat with cover which has 10 lifejackets stowed-large wood box mounted portside contains a spare 30 gal fresh water plastic tank-forward box portside is a 15 gal hot water tank

FISH HOLD: divided into three bins each side and three down center-steel stanchions and wood bin boards- 4 to 6 inches foam insulation throughout with 1/2"fiberglass covering-shaft alley stainless steel with easy removable wood covers

FORECASTLE: two built-in stacked wood bunks starboard side and built-in lockers portside

ENGINE ROOM:

- a. Twin Disc hydraulic 508- 2.95:1 reduction gear
- b. Schammacher 10/2 amp electric battery charger
- c. 7 12V batteries setting in wood boxes starboard side wood shelf well above bilge
- d. electrical switch panel mounted bulkhead forward starboard side
- e. line shaft forward main engine drives Vickers 20 gal hydraulic pump
- f. one 60 gal hydraulic oil reserve tanks mounted each side forward bulkhead
- g. one 40 gal lube oil reserve tank mounted aft bulkhead starboard side
- h. two large three cell 12V batteries mounted in steel brackets forward bulkhead portside with circuit breaker panel adjacent

- i. 9" dia. electric fan mounted forward centerline bulkhead
- j. auxiliary setting on steel shelf portside-equipped with a 55 amp 12V Delco alternator-also drives one 2" Pacer pump with hydraulic pump
- k. large Air Filter for main engine forward
- l. 10 gal cooling water tank forward main engine (needs Murphy low level water alarm)
- j. steering wire cable attached to turnbuckle the to chain through sprockets/fairleads to quadrant

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- AFTERDECK GEAR:
- a. two hydraulic yuna pullers mounted stern railing bulwarks
 - b. one each sude hydraulic drag winch containing 400 fms 9/16" wire each
 - c. two hydraulic lift winches mounted up from base of boom
 - d. single hydraulic net reel to be mounted elevated three feet above deck
 - e. drag door stanchions are not mounted as yet

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- MISCELLANEOUS:
- a. boat equipped with 110V shoreside hookup
 - b. RCA color 11" TV mounted portside galley
 - c. various engine gauges set in panel starboard side bulkhead adjacent pilothouse
 - d. interior house finished in mahogany trim painted sides and overhead with linoleum overlay galley -throw rugs centerline passageway
 - e. foredeck has a considerable rise for sea water run off
PROPOSED IN SHORT FUTURE
- a. Install Twin Disc Power Take Off forward engine remove line shaft and mount two 30 gal Gresem hydraulic pumps
 - b. Install Twin Disc Power Take Off aft engine
 - c. Pacer 2" pump forward engine will be operated by PTO

COMMENTS

ON examination found boat to be well constructed, general upkeep and maintenance found to be above average. Several things have to be accomplished prior to going fishing. This Survey was made without prejudice based upon my opinion, and to the rights of whom it may concern, that the undersigned Surveyor is under any circumstances to be held responsible in any way for errors in judgment, inaccuracy, negligence, omission, misstatement, and/or misrepresentation in this Report. This Report is neither a guarantee or a warranty that some other unforeseen or undected defects or damages does not exist. The use of this Report for any purpose whatsoever shall constitute an acceptance of the foregoing conditions.

RECOMMENDATIONS

- 1- Check and recharge CO2 fire extinguisher mounted in engine alcove: tag date now outdated.
- 2- Mount screens on belt drives forward engine at present safety hazzard.
- 3- Install Murphy low level water alarm on cooling water tank forward main engine.

FEDERAL REQUIREMENTS COMMERCIAL FISHING VESSELS SUPPLEMENT

F/F RENABEL-Official Number 259-676

DISTANCE OFF COASTLINE
VESSEL IS OPERATING: within 25 miles coast

AVERAGE WATER TEMPERATURE: 50/57 degrees

YES	NO	N/A	COMMENT	REF	ITEM
X				46 CFR 28.110	LIFE PRESERVERS, SURVIVAL OR EXPOSURE SUITS OR OTHER PFD'S
				46 CFR 28.25-15	WORKING LIGHTS ON ALL PFD'S
X				46 CFR 28.115	FLOAT CUSHIONS OR LIFE RING BUOYS
X				46 CFR 28.120	SURVIVAL CRAFT/LIFE RAFT
X				46 CFR 28.130	SURVIVAL CRAFT EQUIPMENT
X				46 CFR 28.125	STOWAGE OF SURVIVAL CRAFT
X				46 CFR 28.136	LIFESAVING EQUIP MARKING
X				46 CFR 28.140	INSP. OF LIFESAVING EQUIPMENT
X				46 CFR 28.145	DISTRESS SIGNALS
X				46 CFR 28.150	E.P.I.R.B. TYPE Category 1
X				46 CFR 28.26.28	E.P.I.R.B. TEST CONDUCTED/LOGGED
X				46 CFR 28.160	PORTABLE FIRE EXTINGUISHER/USCG APPROVED
X				46 CFR 28.166	INJURY PLACARD
X				33 CFR 88.05	INLAND NAVIGATION RULES < 39.4'
				33 CFR 155.450	INLAND WATERS
X				33 CFR 151.59	OIL DISCHARGE PLACARD POSTED < 26'
X				33 CFR 151.57	MARPOL V GARBAGE PLACARD
X				33 CFR 151.57	MARPOL V GARBAGE PLAN < 40' OCEAN WATERS
X				33 CFR PART 159	MARINE SANITATION DEVICE USCG CERTIFIED
X				46 CFR 28.205	FIREMAN'S OUTFITS < 49 CREW
		X		46 CFR 28.205(b)	SELF CONTAINED BREATHING APPARATUS -- VESSELS WITH AMMONIA REEFERS
X				46 CFR 28.210	FIRST AID EQUIPMENT AND TRAINING
			proposed	46 CFR 28.215	GUARDS FOR EXPOSED HAZARDS
X				46 CFR 28.225	NAVIGATIONAL INFORMATION
X				46 CFR 28.230	COMPASS
X				46 CFR 28.236	ANCHORS AND RADAR REFLECTOR
X				46 CFR 28.240	GENERAL ALARM SYSTEM
X				46 CFR 28.245	COMMUNICATIONS EQUIPMENT
X				47 CFR 33.367	FCC LICENSE
X				46 CFR 28.250	HIGH WATER ALARM
X				46 CFR 28.255	BILGE PUMPS, PIPING AND DEWATERING EQUIPMENT
X				46 CFR 28.260	ELECTRONIC POSITION FIXING DEVICE < 79'
X				46 CFR 28.266	EMERGENCY INSTRUCTION
X				46 CFR 28.270	SAFETY INSTRUCTION & DRILLS

SAFETY EQUIPMENT: Zodiac four man liferaft mounted atop house starboard side (next repack date Jan. 2007)-ACR EPIRB unit mounted exterior house aft portside bulkhead-(battery and hydrostatic expire Sept. 2007)-30"dia. lifering with 60 feet line attached-3 Bayley exposure suits with lights-locate/alert flares-(hand held parachute expire April 2007)-hand held orange expire Mar. 2007)-hand held red expire Feb. 2007)-two adequate First Aid Kits-owner has a SAFETY/FIRST AID/CPR certificate