

BAY MARINE SURVEYORS LLC

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FILE NO: 23-127

VESSEL: T/B SEA LITE I

OWNER: Pacific Fishing Assets, LLC, 5300 A Street, Anchorage, AK 99518
marksmith@vitusmarine.com

TYPE OF VESSEL: Flat bottom cargo/ tank barge

SERVICE: Inland and Coastal, not more than 20 miles offshore

ADFG NO: na **OFF. NO:** 648341

BUILDER: Maltby Tank and Barge Inc. **YEAR:** 1982

HULL CONSTRUCTION: Steel
Length – 100' Beam – 32' Depth – 7'0"
Gross - 194T Net - 194T

DRYDOCKED: Dillingham, AK, in water at time of survey

DOCUMENTATION: Vessel Response Plan, issued July 2017
Certificate of Documentation, issued January 2023
USCG Certificate of Inspection, issued May 2020-2025
Certificate of Financial Responsibility, issued March 2023

FLAG AND CREW: U.S. Registry, unmanned vessel

PORT ENGINE

ROOM: Watertight door to forward – six dog closure, weld in frame
Engine monitoring panel and gauges
Diesel fuel tank external to engine space

TANKERMAN

OFFICE: Metal desk w/storage drawers
Spill control inventory
VHF fixed radio
Work table
Tankerman tools and fittings
Fireproof waste can

AUXILIARY

POWER: 1. Isuzu 4-cylinder, radiator cooled
Racor 500MA fuel filter
Fire rated hoses and fittings

CARGO TANKS: Nine (9) amidship
Capacity – 124,992 gal. total
Vents - nine (9) pressure vac vents at coamings
100 gal. diesel fuel, back of deckhouse
60 gal. steel hydraulic
Fuel - three (3) direct drive at switching manifolds
Pittsburg fuel transfer
Vickers 25v21A 11C22RH hydraulic

STEERING: na

ANCHOR GEAR: Thompson hydraulic anchor winch w/control lever and lock, new 2014
1000 lb. Navy anchor
5" stud lock anchor chain
6" hawsehole for anchor lift
7" hydraulic driven capstan for pull/lift

DECK GEAR: Slattery Equipment 8-ton crane, 3/4" steel cable
20' x 3' steel cargo loading/unloading ramps
Ten (10) 8" double mooring cleats P/S
Double bit at aft centerline
Tow bridle
Cargo D ring tie downs

**UNDERWATER
FITTINGS:**

Double welded steel bits, bow/stern, P/S
Steel towing pad eyes, bow, P/S
(6) cast steel cleats, (3) ea. side main deck
(6) watertight dog for ea. tank or void

MANHOLES:

(9) expansion trunks ea. with oiltight hatch
(13) 18"x24" oval, 16-bolt, hatches, gasketed, flush mount

ELECTRICAL:

12v DC Isuzu cranking system
AC nav lights
Square D master control panel

LIGHTING:

Vessel adequately lighted throughout with LEDs, incandescent or fluorescent marine-type fixtures. Watertight globes are used as required. Lighting is designed for operation at 120v AC, single phases. The lighting fixtures are of an approved commercial type of marine quality.

Pump area and cargo line head illuminated by floodlights approved for installation in hazardous locations. Centrally located light mat provides full deck illumination.

BATTERIES:

(2) 8-D heavy duty
Vaportight battery switch

FIRE

EXTINGUISHERS: (3) Type B-11 ABC, in the green (forward deck)

SAFETY

EQUIPMENT:

(2) CG approved life rings w/tether
Fire extinguishers
Non-skid decking
Seven-step access ladder, cabin to aft port deck
All emergency shutoffs are placarded

PLACARDS:

36" x 48" *Danger on transfer of fuel*

MARKINGS:

Vessel name welded and painted on forward P/S sides, and stern
Draft marks welded and painted in numerals on P/S, frd/aft, o sides of hull
ABS loadline Plimsol marks welded on, painted in white, P/S near amidships
Cargo tank numbers painted 4" white letters on side of ea. cargo tank expansion trunk

MISCELLANEOUS: 20 ft. aluminum safety skiff w/welded seams; semi hard chine
2" aluminum pipe guard around entire top of hull
Spill response boom and other response supplies
Ring tie up mid-bow stem
Powered by outboard motor w/lower jet unit

**HULL
DESCRIPTION:**

Hull has 3/8" steel bottom and 5/16" steel deck and sides.
Frames and stringers are steel angle and channel w/steel bulkheads.
Scantlings are steel angle, channel and I beam

This is a flat barge with fuel cargo tanks below the main deck. There is no propulsion system. She has a square raked bow with straight sides and a square raked stern. There are nine (9) fuel cargo tanks and forward/aft rake void compartments. There is a large cargo deck with tie down rings. Arrangement is a centerline longitudinal bulkhead, five (5) transverse bulkheads, and one partial bulkhead. Tanks and voids are fitted with watertight access hatches on expansion trunks w/containment fence. The cargo tanks have two sets of piping and manifold for the fuel oil. There is a 4' high fence with steel stanchions along the barge sides w/wood planking as needed.

A small steel structure sits aft portside with a portable 20' container, starboard aft side, containing oil spill response equipment.

GENERAL DESCRIPTION AND CONDITION:

Vessel reflects good maintenance updating. Hull appears to be in good condition and well suited for its intended use. Recent upgrades include:

- New anchor cable installed 2023
- All lines, hoses, and spill response gear tested 2023

All fuel fill stations, the 20 ft. storage van, and small steel structure port stern are securely locked.

UPDATES SINCE

LAST SURVEY: Five-year ABS/USCG drydock performed in 2020 inclusive of the following:

1. Complete cargo tank gas freeing and tank cleaning
2. Hull zincs replaced
3. Bottom coatings renewed
4. 30% of aft bottom hull plate replaced
5. Crane inspection completed for cargo operations
6. Side shell deformation cropped and replaced
7. Insurance wire inspection
8. Replaced sounding skiff outboard motor

**ESTIMATED
REMAINING LIFE
OF VESSEL:**

30 years

RECOMMENDATIONS: None

VALUATION: Fair Market - \$1.9m
Replacement - \$2.9m

DATED: 6/26/23

This survey sets forth the apparent condition of the vessel, including hull, machinery, equipment, fittings and gear, to the best of the surveyor's ability. It represents the honest and unbiased opinion of the surveyor, but in submitting this survey, it is understood by all parties concerned that such survey is not a guarantee of its accuracy, nor does it represent any liability on the part of the surveyor or his employees arising from reliance on information contained in the survey.

Daniel J. O'Hara

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On site photos

