

The following classified advertisement for a tuna fishing boat can tell us a lot about tuna fishing. As you look over the ad, answer the questions you'll find scattered throughout.

Mike Vaughn's Commercial Ship Information Center

## 500 Ton Tuna Seiner



SHIP NUMBER: 3002

### SPECIFICATIONS

LOA: 153'  
BEAM: 34.8'  
DRAFT: 14'  
GRT 509.27  
BUILT: 1969  
REFIT: 1989 Singapore  
REGISTRY: Panama  
BUILDER: Paceco Ltd. USA  
RANGE: 14 knots 30 endurance  
HULL: Steel  
FIRE PUMP: Electric

1. a. LOA is an abbreviation for "Length Overall", the total length of a ship. How long is the *Eastern Breeze*?
- b. When was the *Eastern Breeze* built? Where?
- c. The range of a vessel is how far it can travel with the fuel on board.

How far can the *Eastern Breeze* travel in a 24-hour day at 14 nautical miles per hour (knots)?

At this rate, how far can it travel in 30 days?

A nautical mile is 1.15 times longer than a statute or "land" mile. How many statute miles could the *Eastern Breeze* travel in 30 days?

TANKS & TANKAGE:

NO. OF FUEL TANKS 12  
CAPACITY: 98,000 gallons  
NO. WATER TANKS: 2X  
WATER CAPACITY: 17,000 gallons

2. a. How many fuel tanks are there on the *Eastern Breeze* ?
  - b. What is the total capacity of these fuel tanks?
  - c. What is the average capacity of a single fuel tank?
3. Use the range of the *Eastern Breeze* that you calculated in question 1.c. to answer the next questions.
    - a. Let's assume that the *Eastern Breeze* uses all of its fuel to cover its range. How many gallons of fuel does it take to drive the *Eastern Breeze* forward one statute mile?

CERTIFICATES:

Current Panamanian registration valid.  
NKK oil pollution prevention certificate/USCG financial responsibility.

4. In what country is the *Eastern Breeze* registered?
  
5. a. Is the *Eastern Breeze* registered in the same country in which it was built?
  
- b. Can you think of a reason why this might be the case? (Recall that U.S. tuna boats are subject to all U.S. laws including the U.S. Dolphin Protection Consumer Information Act and the International Dolphin Conservation Act of 1992.)

FISHING EQUIPMENT:

NET: Recently replaced; Net is (1x) 770 Fathoms Cork End (1x) 950 Fathoms Chain End; 22 panel

SKIFF: Recently replaced, Powered by 1x Cat 3406 412 hp

6. a. A fathom is unit of length equal to six feet. At its longest end, how long is the net on the *Eastern Breeze*?
  
- b. How long is the longest end in feet?
  
- c. How long is the net in miles? (Hint: a mile is 5280 feet long.)

CONDITION & REPORTS:

Vessel was last dry-docked November and December 1995 in Australia and is presently fishing in the Pacific. Owners will replace vessel with large boat. During dry-docking hull was sand blasted and painted; main engine repaired; overhauled of auxiliary engines; new ammonia condenser fitted; Both propellers and tail shafts were removed and repaired and pitch checked; Shafts were machined; stern tube bearing removed and replaced by cutlass type bearings; engines and gear boxes re-aligned and installed. Sea valves removed and overhauled; Generators disconnected and removed ashore for services and then re-installed; Skiff was slipped and hull repaired as needed; Electrical systems repaired as needed; cemented wash water tank as required. Portion of hull re-

plated; stainless steel bar fitted to rubbing strakes on port side; hull was ultrasonically tested; All hull anodes were modified to bolt on type and replaced by 36 18 kilogram anodes; sea chests and bow thruster tunnel were fitted with Z10 strap weld type anodes; freezer doors were replaced; navigation equipment serviced and repaired; All safety and fire protection equipment was brought up to date.

7. At the time of this ad, where is the *Eastern Breeze*?

8. Why is the *Eastern Breeze* for sale?

INSPECTION:

Buyers must be identified prior to inspection and registered with owners. Owners prefer that current crew not be advised of efforts to sell vessel. Mr. Vaughn's office can arrange travel via Honolulu.

AVAILABILITY:

Immediate (within 30 days) Two sister vessels available, specifications reflect general equipment and condition of both vessels. Some variation possible.

PRICE:

\$2,000,000.00

TERMS & CONDITIONS:

10% upon offer, balance upon transfer of title to be completed within 30 days of acceptance. Vessel sold as is, where is. Inspection, survey and haul out at buyer's expense.

9. What is the selling price of the *Eastern Breeze*?

10. a. How much money must accompany an offer to buy the boat?

b. How many days does the buyer have to provide the remaining money to the owner?

11. Why might the owners not want the crew to be told that the *Eastern Breeze* is for sale?

12. Do you think that investing in a tuna boat like the *Eastern Breeze* is a good investment? Please explain your answer.

INFORMATION BELIEVED TO BE CORRECT BUT WITHOUT GUARANTEE!

-----  
Mike Vaughn's Commercial Ship Information Center  
-----

Ship Acquisition & Sale Worldwide

Last modified on Wednesday, June 11, 1997