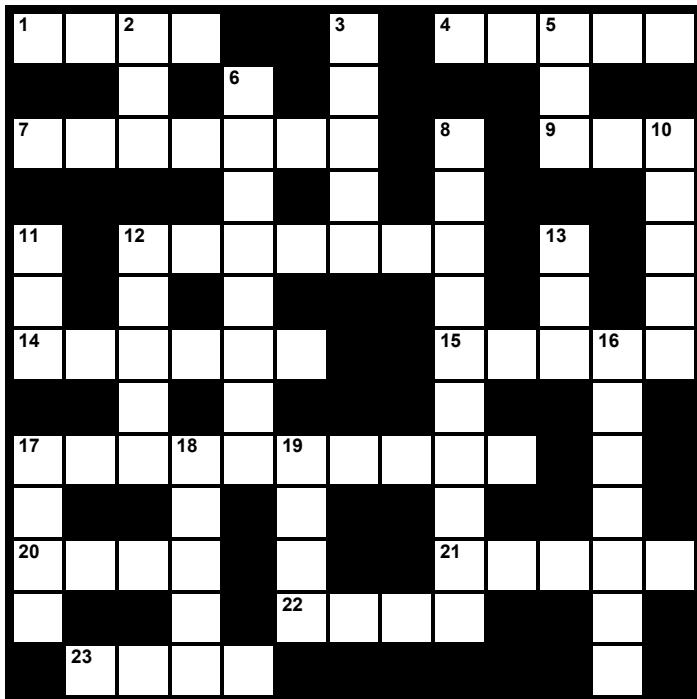


Ships_and_Boats_13x13_2003-12-07

B.B. Huria



Across

- 1 A stout rounded pole of wood or metal used to support rigging. (4)
- 4 A flatbottom boat for carrying heavy loads (especially on canals). (5)
- 7 Any of the curved middle timbers that form the frame of a traditional wooden boat or ship. (7)
- 9 A navigational system involving satellites and computers that can determine the latitude and longitude of a receiver on Earth by computing the time difference for signals from different satellites to reach the receiver. (3)
- 12 (A steamship.) A ship propelled by a steam engine. (7)

14 GPS stands for

XXXXXX Positioning System. (6)

15 An enclosed compartment in a ship; used as shelter or living quarters. (5)

17 An enclosed compartment from which a vessel can be navigated. (10)

20 The railing around the deck. (4)

21 A long-distance radio navigation system by which a ship or aircraft determines its position using radio signals sent out by two ground stations. (5)

22 The officer below the master on a commercial ship. (4)

23 At or toward the front, especially of a ship. (4)

Down

- 2 Near, toward or at the stern of a ship. (3)
- 3 Loose hemp or jute fibre obtained by unravelling old ropes; when impregnated with tar it was used to caulk seams and pack joints in wooden ships. (5)
- 4 Formation of masts, spars, sails, etc., on a vessel. (3)
- 5 The mast nearest the bow of a ship. (8)
- 6 A raised section of deck at the bow of a ship. (10)
- 7 The rear part of a ship. (5)
- 8 A powerful small boat designed to pull or push larger ships. (3)
- 9 A sandbar or rising bottom that forms a shallow place, which is a danger to navigation. (5)

13 Any triangular fore-and-aft sail (set forward of the foremast). (3)

- 16 Located within the hull or nearest the midline of a vessel. (7)
- 17 The side of a ship that is on the left of a person facing forward. (4)

- 18 A cargo ship designed to carry crude oil in bulk. (5)
- 19 Steering mechanism for a vessel; a mechanical device by which a vessel is steered. (4)