

Come Sail Away

TTGT11 v.4.11: None More Black

Packet by Charles Fotheringham, III (Michael Witry of the University of Iowa)

Subject: All questions have something to do with the nautical world.

Tossups

1. His stories are descended from those of the Aran hero Maeldun. He was able to domesticate a whale long enough to hold a religious service on its back, and he calmed whirlpools with his serenity. After escaping from fierce mice and an enormous sea cat, he arrived at the mysterious Land of Promise. No wonder he found his return to Ireland a little unsatisfying. FTP, name this legendary sixth-century saint. (_Brendan_ the Navigator)

2. A key plot element in this book is a spilled bowl of soup. The hero chances to spill at just the wrong time, just when the ship's rather nasty master-at-arms, John Claggart, is walking by, and thereby earning his lifelong enmity. Of course, Claggart's life didn't last all that long, since when he accused the hero of mutiny, the hero got so mad that he killed Claggart with one punch. The hero then went to his hanging with the words, "God bless Captain Vere!". FTP, name this unfinished novel of Herman Melville. (_Billy Budd_)

3. They come in nine distinct varieties. The smallest ones, _Sphyrna tiburo_, grow to about five feet long, while the largest, _Sphyrna mokarran_, can reach 20 feet. Usually found in warm waters, they are known to munch on nearly every kind of fish and shellfish, but only rarely attack humans. Their defining characteristic probably provides extra room for sensory organs. FTP, name this type of shark with a long, flat head. (_Hammerhead_ shark)

4. This island group covers 39 square miles and has a population of some 5,200. Consisting of four large islands and six small ones, the first Europeans to control this group were the Spanish, who sold the islands to Germany in 1899. Given by League of Nations Mandate to Japan in 1921, they served as an important cable link between the U.S., Japan, and Indonesia. Now part of the Federated States of Micronesia, FTP, name this island group, best known for its giant stone currency. (_Yap_)

5. Early varieties included the "chip" version, which was a board with a rope coiled around it, and the "taffrail" version, whose spiral fins turned as the ship moved. Modern devices include the "loran" system, which takes radio signals from stationary positions, the "pilot-static" system that operates by water pressure, devices using the Doppler effect, and simple tachometers. FTP, give this generic term for a device used to measure the speed of a ship, which is better than bad, it's good. (_Log_)

6. Born in Izmir, Turkey, in 1906 to a family of tobacco importers, his father lost his business during the Greco-Turkish wars of the early 1920s, and he fled to Argentina. In Buenos Aires, he worked as a telephone switchboard operator until he could afford to start his own tobacco importing business. During the 30's, he branched out into transit, and by the 1950's, he owned an airline as well as many of the world's busiest freighters and oil tankers. FTP, name this shipping tycoon, who became internationally famous when he got married to a wealthy widow in 1968. (Aristotle Socrates _Onassis_)

7. Its use as a preservative for meat aboard Royal Navy ships may have lead to current misconceptions about it. Human ingestion may cause high blood pressure, gastroenteritis, anemia, kidney disease, and heart failure. However, it can cause relaxation of involuntary muscle fiber, as legend proclaims. FTP, name this substance found in gunpowder, allegedly used by various authority figures to curb the sexual appetites of the masses. (_Saltpeter_)

8. It is explicitly forbidden by the British Mercantile Marine Office and US Code Title 32, Subtitle A, unless in the presence of a consular official. In instances where it did occur, legal recognition has varied: the 1898 California Supreme Court case _Norman v. Norman_, it was declared invalid, but it was upheld in the 1929 New York case _Fisher v. Fisher_. FTP, name this ceremony, which, "The Love Boat" notwithstanding, cannot be performed legally by a ship's captain. (_Marriage_)(accept early buzzes on "weddings by ship's captains", etc.)

9. The good news is that they get into movies for free. The bad news is that they are dreadfully short on skills, such as using percussion instruments, seducing Asian women over exotic coffees, playing baseball, and answering questions. Over the course of the day, they go from laughing and happy to floating in soup. FTP, name this roly-poly objects which can be eaten up. Yum! (_Fish Heads_)

10. He had been part of Sir Walter Raleigh's attempt to found a colony on Roanoke Island, and was the first to find the site abandoned upon his return in 1586. Two years later, he was one of the commanders when the English fleet faced off against the Armada. Lord Thomas Howard chose him to join an expedition to intercept a Spanish treasure fleet in the Atlantic in 1591. The fleet was surprised by fifteen Spanish warships, and while the rest of the English withdrew, his _Revenge_ was trapped, and fought alone for 15 hours, sinking two enemy ships. FTP, name this English naval hero of the Azores. (Sir Richard _Grenville_)

11. Named for the Frenchman who first described it in 1835, it is not especially important to modern ocean-going vessels, as it is too small to be noticeable on objects like ships. However, in the days when ships were driven by nature, it strongly influenced seagoers. Not only did it affect ocean currents, but it also pushes winds headed for the equator towards the west, and those headed away from the equator to the east. FTP, name this apparent effect, which cannot actually be viewed in your bathtub's drain. (_Coriolis_ effect)

12. Much of the action concerns Commander Dwight Towers and Lieutenant Peter Holmes, an American submarine captain and his Australian liaison officer, respectively. While in Australia, Towers met and fell in love with Moira Davidson, but they were separated when Towers and the U.S.S. Scorpion were ordered to investigate a radio signal near Puget Sound. Unfortunately, the signal was due to someone's having left the transmitter on, and radiation readings showed that all life on Earth would end by August. FTP, name this 1957 apocalyptic novel by Nevil Shute. (_On the Beach_)

13. The men near the bottom of the painting are barely clad and barely alive. A bearded fellow tends to them. Most of the men are reaching out to the upper right, with a few waving their shirts about. The small sail is full of wind as the craft drifts towards the storm on the left side. FTP, name this painting depicting survivors of a shipwreck by Gericault. (_Raft of the Medusa_)

14. First appearing in the mid-16th century in northern Europe, these craft proved to be extremely useful in the Indies trade. While they were not large enough to handle the open ocean, they were able to carry goods reliably between Caribbean ports. They were also used as raiders by pirates. They are still popular sailing vessels today, and are easily recognized by their single mast with a mainsail and a jib. FTP, identify this type of small ship, exemplified by the "John B." (_Sloop_)

15. Some of his early jobs include a two-year role on "Maude" and a brief role in _Death Race 2000_. After a stint as president of Goodwill Industries, he began touring the U.S. promoting Princess Cruises, as well as serving as a commentator for "All Things Considered". He left the House of Representatives after two terms to challenge incumbent governor Terry Branstead, and lost by only 3% in the primary. FTP, name this actor/politician, perhaps best known for playing Your Yeoman Pursuer Burl "Gopher" Smith on "The Love Boat". (The Hon. Fredrick Lawrence "Fred" _Grandy_)

16. He was not related to any of the other major gods. Prisoners of war were usually sacrificed to him before any long voyage. He hated taking orders from other gods, and when Thor ordered him to supply ale for Asgard, he tried to get out of the job by claiming he didn't have a big enough cauldron. Thor fixed the problem by stealing a huge cauldron from the frost giants. Usually shown as an old man with white hair, FTP, name this husband of Ran, father of the waves, and Norse god of the sea. (_Aegir_)

17. He is considered to be one of Kenzaburo Oe's greatest literary inspirations. His stories generally concern ordinary people and run the gamut of styles from humorous to bitter. Born in 1898, he served in the Japanese navy during World War 2, and satirized the war effort in his novels _Lieutenant Lookeast_ and _Waves: A War Diary_. FTP, name this Hiroshima native, who dealt frequently with the effects of the atomic bomb in such works as _Black Rain_. (_Ibuse Masuji_)

18. It is the prototype of a family of unclassified small round structured viruses which may be related to the caliciviruses. Identification of the virus can be made on early stool specimens using immune electron microscopy and various immunoassays. Symptoms include nausea, vomiting, diarrhea, and abdominal pain. It is usually contracted from shellfish and salad ingredients. FTP, name this type of virus, prone to occasional and recent outbreaks aboard cruise ships. (_Norwalk_ virus)

19. When William Claiborne offered a reward for his capture, he offered three times that much for the governor's capture. His headquarters were in Barataria Bay in the Gulf of Mexico for many years, but he was eventually forced to move to Galveston Island. When his Galveston colony came under attack, he set fire to it, slipped away, and was never heard from again. FTP, name this notorious pirate, who informed the U.S. government of the British plans to attack New Orleans during the War of 1812. (Jean _Laffite_)

20. In 1977, he studied the sea bottom on the East Pacific Rise near the Galapagos Islands, and found large communities of life forms living on chemicals in volcanic hot springs nearly 6,000 feet beneath the surface. He is attached to the Woods Hole Oceanographic Institution, and served as science advisor for the TV series "seaQuest DSV." FTP, name this marine biologist, best known for his discoveries of the wrecks of the _Bismarck_ and the _Titanic_. (Robert _Ballard_)

21. This Ohio native began his career as a midshipman in the Spanish-American War, and reached the rank of rear admiral by 1933. A two-time winner of the Distinguished Service Cross, the rank of fleet admiral was created for him, and he was also the only man to command the United States Fleet and serve as Chief of Naval Operations simultaneously. FTP, name this man, who directed the U.S. Navy throughout World War II. (Adm. Ernest Joseph _King_)

22. This matrilineal society was among the few in the Americas to develop ocean-going canoes. They divided their territory into fifteen quans, and families belonged either to the Wolf or the Raven groups. Many of their customs are shared with other Northwest cultures, including totem poles and potlatches. They made first contact with Europeans in the 1700s, and many of them are today members of the Russian Orthodox Church. FTP, name this Native American society which once dominated southeast Alaska. (_Tlingit_)

Bonuses

B1. For a land-based power, Russia sure has a long naval tradition. Not a proud naval tradition, but a long one.
5/5/10/10:

A. Leave it to the Russians to name their submarines after tank battles. President Putin hoped to assert Russian independence by refusing foreign assistance to rescue this sub, but his strategy backfired when it proved beyond Russia's capability to save. (Kursk)

B. Sailors aboard this battleship in the Black Sea joined the socialist uprisings of 1905, and became the subject of a famous film for their efforts. (Potemkin)

C. The 1917 Bolshevik coup was likewise backed by sailors - this cruiser at the Kronstadt naval base fired its cannons as a cue for the takeover to begin. (Aurora)

D. This 20th century composer penned the cello-heavy "Russian Sailors' Dance". (Reinhold Glier)

B2. Let's see if ye landlubbers have mastered the language of the sea! FTPE, given a definition, identify the term well-known to any true salty dog. Note: All answers must be preceded by, "Yarrrrrrgh, this be."

A. This interjection is a command to halt or desist. (Yarrrrrrgh, this be Avast)

B. This is a short, heavy sword with a curved, single-edged blade. (Yarrrrrrgh, this be a Cutlass)

C. This is a request to have the beams that make up one's ship be shaken to pieces. (Yarrrrrrgh, this be Shiver me timbers!)

B3. The most important chemical process to sailors is fermentation, because without fermentation, there'd be no grog.
FTPE:

A. This series of reactions is the most common way to oxidize glucose to pyruvate and is found in organisms ranging from bacteria to humans. (Embden-Meyerhoff-Parnas pathway or EMP pathway)

B. The first step in the EMP pathway is the activation of glucose with ATP, turning it into this compound, which is more easily split than glucose. (Fructose 1,6 biphosphate or Fructose bisphosphate)

C. This product of fermentation is converted to either lactic acid or ethanol, depending on the organism.
Mmmm... ethanol. (Pyruvate)

B4. Most of the animals seen on the high seas tend to be either fish or mammals. But every once in a while, you get a bird to break up the monotony. FTSNOP:

A. For 5: These large birds of the family Diomedidae are found almost everywhere and tend to follow ships.
Awww, dammit, we just killed one. Now we're screwed. (Albatross)

B. For 10: The family Sulidae consists of these birds, which dive for squid and live on remote islands and coastal fish. They got their name from a suicidal tendency to land on ocean-going ships. (Boobies)

C. For 15: These birds spend nearly their entire lives at sea. Members of the family Procellariidae, they tend to "graze" the surface for food rather than dive. (Petrels)

B5. Name the person, 40/30/20/10/1.

For 40: This person is the person that this particular question is about.

For 30: Hailing from Magnesia, he had one of those evil uncles so prominent in literature.

For 20: His mother, Philyra, sent him to be educated by Chiron, who may have given him his name.

For 10: When he returned to his hometown to confront his uncle Pelias, Pelias decided to get rid of the problem by sending his nephew on an impossible quest to Colchis.

For 5: His task was to retrieve the Golden Fleece.

For 1: He is the central figure in Gustave Moreau's 1865 painting "Jason". (Jason)

B6. When I first signed up for Semester at Sea, I thought it would be a light-hearted romp of a time, like "The Pirates of Penzance". Sure enough, it was a little too much like "The Pirates of Penzance"- only two women in the cast. FTPE:

A. The hero of the story, he was to have been apprenticed to a ship's pilot, but his somewhat deaf nursemaid screwed up and had him apprenticed to the Pirate King. (Frederick)

B. This very modern Major General is the father of Mabel, and refuses to let his daughter marry a sordid fellow such as Frederick. (Maj. Gen. Stanley)

C. Should the Pirates of Penzance happen to attack you, you can either order them to stop in the name of the Queen, or plead that you've suffered this hardship. (claim you're an orphan)

B7. In most of the Western world, humans no longer live solely off the seas. Not, however, in Newfoundland. Answer these Newfoundland questions FTSNOP.

A. For 5: A visit to Newfoundland would not be complete without a stop at this provincial capital, largely because it's just about the only place in the province accessible by road. (_St. John's_)

B. For 10: This strait, named for an English explorer, separates Newfoundland from Nova Scotia. A railway to cross the strait is still under construction. (_Cabot_ Strait)

C. For 15: Newfoundland only has three incorporated cities. St. John's is one. Name either of the other two. (_Corner Brook_ or _Mount Pearl_)

B8. Standing on deck, looking out at the rolling ocean, reminds me of the many scientific applications of waves. FTPE:

A. Electromagnetic and ocean waves both fall into this category of waves, in which the motion of the medium is perpendicular to that of the wave itself. (_Transverse_)

B. Transverse waves are the only type of waves which can have this property, shown when the medium vibrates in one direction only. (_Polarization_)

C. When the crests of two waves with the same frequency cross a given point at the same time, the waves are said to be...what? (_In phase_)

B9. 40/30/20/10/5/1, name the vessel.

For 40: It is composed partially or entirely of matter.

For 30: It was forty feet long and had a crew of eight. Upon its discovery, three different cities bid for possession.

For 20: It sank three different times, each time killing its entire crew.

It was discovered in 1995 by author Clive Cussler's non-profit wreck hunting agency.

For 10: Although reports exist of its sailing safely to Georgetown, S.C., it is suspected that the ship's crew was killed when they ran out of air.

For 5: This Confederate submarine was the first ever to be used in combat, sinking the U.S.S. Housatonic in 1864.

For 1: The CSS Hunley's final death toll: 5 Yankees, 22 Confederates. (CSS _Hunley_)

B10. Darwin like music. Darwin write bonus. When moderator say lyrics, you name song, get ten points. If you not name song then, moderator say artist. If then you name song, get five points.

A. For 10: "We're callin' everyone to ride along/To another shore/We can laugh our lives away/and be free once more"

For 5: Blues Image. (_Ride Captain Ride_)

B. For 10: "To sail on a dream on a crystal clear ocean/To ride on the crest of a wild raging storm/To work in the service of life and living/In search of the answers of questions unknown"

For 5: John Denver. (_Calypso_)

C. For 10: "The ocean is a desert with its life underground/And a perfect disguise above/Under the cities lies a heart made of ground/But the humans will give no love"

For 5: America. (A _Horse With No Name_)

B11. Many notable painters have taken inspiration from the sea. FTPE:

A. This 19th-century American is known for his dramatic paintings of man against the sea, using watercolors and transparent washes in such works as "Breezing Up" and "The Gulf Stream". (Winslow _Homer_)

B. This Impressionist was mostly known for urban scenes, but produced a striking portrait of the CSS Alabama fighting the USS Kearsarge in the English channel. (Eduoard _Manet_)

C. One would expect that Venetians would know plenty about the sea, and this work by Giorgione depicts a huge storm coming in from the ocean, but not disturbing the nursing woman or the man beside him. (The _Tempest_)

B12. Identify these notable poems from nautical lines FTSNOP.

A. For 5: "Farewell, farewell ! but this I tell/To thee, thou Wedding-Guest !/He prayeth well, who loveth well/Both man and bird and beast." (The _Rime of the Ancient Mariner_)

B. For 10: "...The young/In one another's arms, birds in the trees/-Those dying generations-at their song,/The salmon-falls, the mackerel-crowded seas..." (_Sailing to Byzantium_)

C. For 15: Book 1 of this epic poem contains the memorable lines, "Sleepe after toyle, port after stormie seas,/Ease after warre, death after life does greatly please." (The _Faerie Queene_)

B13. The theory of plate tectonics was greatly bolstered by evidence found beneath the seas. Answer these questions about plate tectonics FTPE.

A. In 1960, American geologist Harry Morgan proposed this theory, which states that magma from within the earth rises through oceanic ridges and pushes tectonic plates apart. (_Seafloor spreading_)

B. In addition to oceanic ridges, magma also is able to penetrate the lithosphere at these points within a plate. The Hawaiian Islands were formed by one. (_Hot spot_)

C. Most scientists believe that all the continents once formed a supercontinent called Pangaea. What name is given to the superocean that surrounded Pangaea? (_Panthalassa_)

B14. Naval battles in the ancient and medieval world were not as common as they are today, since early ships were fragile and couldn't bombard the shore. Still, several of these battles proved highly important to the nations involved. FTSNOP:

A. For 5: At this battle in 480 BC, Themistocles and his fleet of small triremes were able to trap a much larger Persian fleet in a channel, and outmaneuvered them to a great victory. (_Salamis_)

B. For 10: In the only major sea battle of the Hundred Years' War, England secured command of the Channel by wiping out the French fleet while it was at anchor in 1340. (_Sluys_) (SLOOS)

C. For 15: The battle to defend Japan from the Mongols in 1281 bears the name of this island, near which small Japanese ships, over a course of two months, were able to reduce an invasion force of 50,000 men down to a mere 2,000. (_Kyushu_)

B15. The sea shanties of yesteryear were practical and fun, although when it comes time to raise the sail, we in Semester at Sea tend to use "Louie, Louie" to keep time. Identify the sea shanty from plot descriptions FTPE.

A. A grisly encounter with a ship whose crew all lies dead, having killed each other to get sole possession of the treasure on board. (_Fifteen Men on a Dead Man's Chest_ or _Yo Ho Ho and a Bottle of Rum_)

B. The constant in all versions of this tune is a sailor getting the crap beaten out of him by his commanding officer for no good reason. (_Blow the Man Down_)

C. Solutions to this question include throwing him in the brig, hoisting him aboard with a running bowline, and putting him in the hole with the captain's daughter. (What Do You Do With A _Drunken Sailor_)

B16. Well, crap. Killing that albatross seems to have caught up with us, and now we've been shipwrecked. The crew is still cheerful, though, since we've all seen movies where people survive shipwrecks and go on to lead happy, productive lives. Identify these movies with shipwrecks in them FTSNOP.

A. For 5: Maybe we'll emulate this 1979 movie, where a shipwrecked boy makes friends with a beautiful horse, and they go on to win many a race. (The _Black Stallion_)

B. For 10: In this 1990 film starring Tom Hanks, a man is chosen as a human sacrifice for a South Pacific tribe, but he saves a beautiful woman from a sinking ship and finds a new lease on life. (_Joe Versus the Volcano_)

C. For 15: This 1984 PBS edutainment series starred a very young Ben Affleck. A young boy goes on a sea voyage with his grandpa, they get lost, they use Morse code to get found, they eat peanut butter. Lots of peanut butter. (_Voyage of the Mimi_)

B17. Day 3: Hmm. Looks like while we were on board, we were a little too busy recording whale songs to pay any attention to marking our location in the logbook. Now we're busy arguing over where the hell we are. FTPE:

A. The Captain thinks that we can't be too far from our last stop, Noumea, the capital of this French dependency in the South Pacific. (_New Caledonia_ or _Nouvelle Caledonie_)

B. Charles points out that the cold weather and presence of the Big Dipper point towards someplace in the far North. His theory is that we're in one of these Danish islands north of Scotland. (_Faeroe_ Islands)

C. Ensign Darwin claims that according to his calculations, we're actually less than a mile from this capital city of Zimbabwe. The fact that Zimbabwe is landlocked doesn't seem to dissuade him. Whoever said dolphins were smart? (_Harare_)

B18. Day 15: Good news! The captain's collection of Robert Louis Stevenson works has washed ashore. Now we have more kindling for the fire! Answer these questions about the newly-burnt books FTPE.

A. First on the fire was this well-known 1885 collection of poetry for children, largely because Tiffany thought it was too difficult a read. (A Child's Garden of Verses)

B. This 1886 novel is based on a Scottish murder case from 1745. Unfortunately, it's lost beneath the waves, and we only have its sequel, David Balfour, which could keep us warm for about a week. (Kidnapped)

C. We might keep the copy of this poem for when we're rescued. Inscribed on Stevenson's gravestone, its best known lines are "Here he lies where he longed to be;/Home is the sailor, home from the sea,/And the hunter, home from the hill." (Requiem)

B19. Day 37: Still no sign of a rescue ship. The radio transmitter is broken. Our meager diet has caused some of the crew to come down with illnesses. For each part of the bonus, I will describe what ails a crewman. You'll get 5 points for naming the disease they suffer and another 5 for naming the vitamin that is deficient in their diets.

A. One-Eyed Pete has lost his appetite. He bruises every time someone touches him, he can't sleep, and his teeth are falling out. (scurvy, vitamin C)

B. The first mate's legs are paralyzed, and his arms are becoming stiff. His muscle tissues are breaking down and he's starting to go insane. (beriberi, vitamin B-1 or thiamine)

C. The galley wench sweats constantly and feels weak. Her bones are so soft that we can bend them into pretzels, making her more popular with the surviving men. (rickets, vitamin D)

B20. Day 92: No food left. We have given up hope of rescue. I send this packet in a bottle as a last desperate attempt. Now, to survive, we must take drastic measures. Identify these recipes for preparing fish FTPE. Hey, Darwin! Over here! I've got a surprise for you...

A. This Mexican dish consists of small fish with shrimp, scallops, and limes, and a marinade of tomato juice, olive oil, jalapenos, olives and parsley. (Ceviche)

B. A Japanese hors d'oeuvre featuring a variety of sliced raw fish with dipping sauces and garnish. (Sashimi)

C. This Scandinavian...er...delicacy is prepared by putting a dried fish in a tub for several days with a mixture of water and caustic soda, resulting in a charmingly slimy and flavorless entree. (Lutefisk)