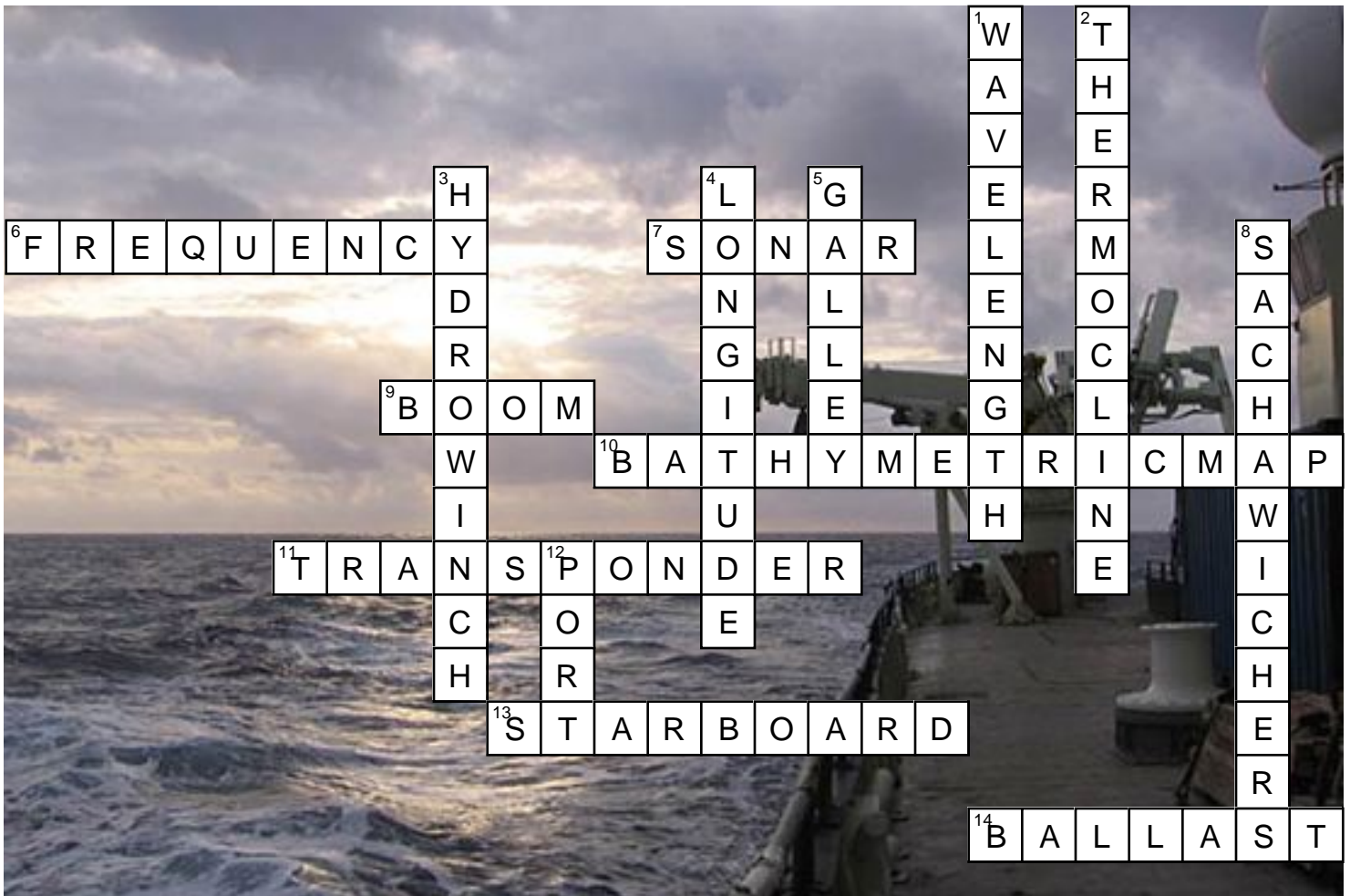


Dive and Discover Puzzle #2

Answers can be found throughout Expedition 12.



Across

6. The number of pressure waves that pass by a reference point per unit time, measured in Hertz per second (Hz/sec) [FREQUENCY]
 7. Acronym for sound navigation and ranging. [SONAR]
 9. An arm-like crane on the R/V Knorr that telescopes out over the water [BOOM]
 10. A map of the bottom of the ocean, with water depths indicated by contours that join points of equal water depth [BATHYMETRICMAP]
 11. An acoustic device that scientists place above the seafloor, usually in groups of two or more, to help them navigate deep submergence vehicles. [TRANSPONDER]
 13. The right side of a ship [STARBOARD]
 14. To provide stability, so that weighted properly an AUV either sinks or floats in seawater [BALLAST]

Down

1. The distance between two peaks of the sound wave [WAVELENGTH]
 2. A layer within a body of water or air where the temperature changes rapidly with depth [THERMOCLINE]
 3. A machine that scientists use to hoist and haul equipment in and out of the water aboard the Knorr [HYDROWINCH]
 4. The angular distance east or west from a meridian drawn between the North Pole to the South Pole and passing through Greenwich, England, measured in degrees, minutes, and seconds. [LONGITUDE]
 5. The "kitchen" aboard the R/V Knorr [GALLEY]
 8. The 3rd Assistant Engineer aboard the Knorr for Expedition 12 [SACHAWICHERS]
 12. The left side of a ship [PORT]