Captain Hildreth is a 1987 Naval ROTC graduate of Rensselaer Polytechnic Institute, where he received a Bachelor of Science in Materials Engineering.

Captain Hildreth commanded USS LA JOLLA (SSN 701) from October 2005 to October 2007. During his tour, LA JOLLA completed a Western Pacific Deployment. LA JOLLA was awarded a Navy Unit Commendation for actions during her deployment and was twice awarded the Battle Efficiency "E" during his tour.

His other sea tours include a tour as a Division Officer in USS PARGO (SSN 650) in Groton, CT. While assigned, PARGO deployed to the North Atlantic and Arctic Oceans. From 1994 to 1996 he served as the Engineer Officer in USS PUFFER (SSN 652), during which time the ship completed a Western Pacific Deployment. In 1996 he reported as Navigation and Operations Officer onboard USS HONOLULU (SSN 718), completing a Western Pacific Deployment. In 2000, he reported as Executive Officer aboard USS MIAMI (SSN 755). During his tour, MIAMI completed a Depot Modernization Period at Portsmouth Naval Shipyard.

Captain Hildreth's shore assignments included duty as a Staff Instructor at Naval Nuclear Power Training Unit, Ballston Spa, NY; on the staff of Submarine Squadron 2 in Groton, CT; and as the Year 2000 Transition Project Officer on the staff of the U.S. Pacific Fleet. Following his Executive Officer tour, Captain Hildreth served as the Officer in Charge of Moored Training Ship 626 (DANIEL WEBSTER) at the Naval Nuclear Power Training Unit, Charleston. After his command tour, he served as the Deputy Senior Member of the Pacific Fleet Nuclear Propulsion Examination Board. His last assignment was as the Director of Plans on the staff of Commander, Combined Joint Task Force Horn of Africa.

Captain Hildreth is privileged to wear the Battle Efficiency "E" ribbon (four awards), a Joint Meritorious Unit Commendation, Navy Unit Commendation (two awards) and a Meritorious Unit Commendation (three awards). His personal awards include the Defense Superior Service Medal, the Legion of Merit, the Meritorious Service Medal (three awards), the Navy Commendation Medal (six awards) and the Navy Achievement Medal (two awards). He is married to the former Michele Toth of South Hero, Vermont. Captain Hildreth and Michele reside in Guam with their daughter, Emily.