

BENTOS PARTICIPATES IN THE INSTALLATION OF A HYDROACOUSTIC LISTENING STATION FOR THE MONITORING OF NUCLEAR TESTS IN THE PACIFIC OCEAN

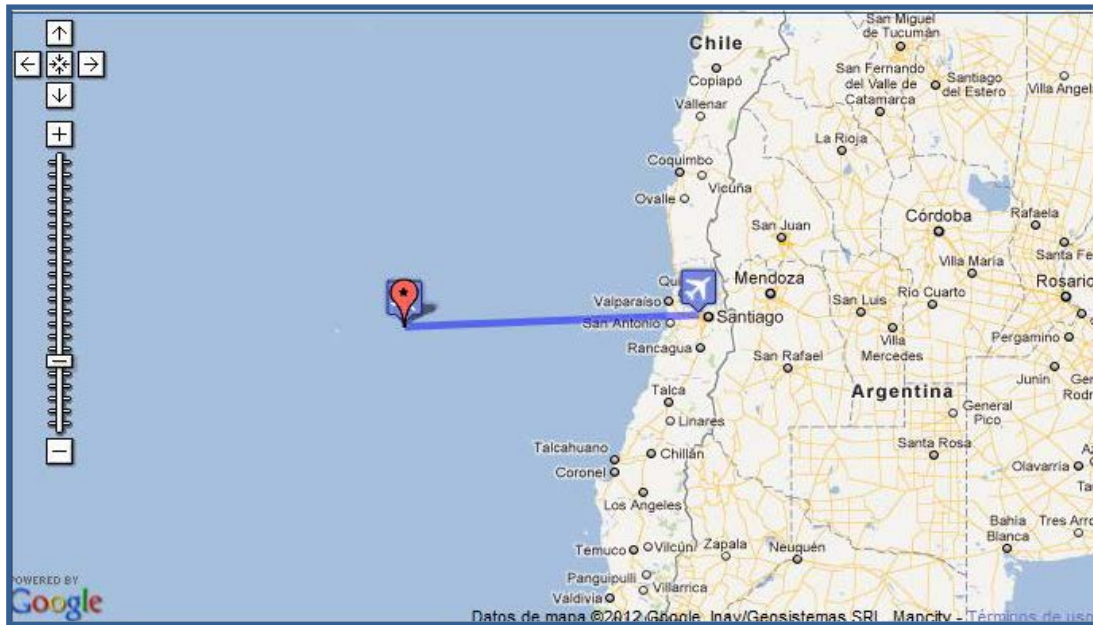
THE HYDROACOUSTIC STATION (HA03), LOCATED ON ROBINSON CRUSOE ISLAND (IN THE JUAN FERNÁNDEZ ARCHIPELAGO) IS TO BE REACTIVATED FOLLOWING THE DAMAGE IT SUSTAINED AS A RESULT OF THE TSUNAMI THAT OCCURRED IN 2010.

The operation is to be carried out by **L3-MARIPRO** (a United States company in the business of manufacturing hydroacoustic detection systems and which is acting as the prime contractor for this project) with the local support of **BENTOS**, a Chilean company with 20 years of experience in the fields of marine exploration and submarine cables. Both companies will be supervised by the Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO).

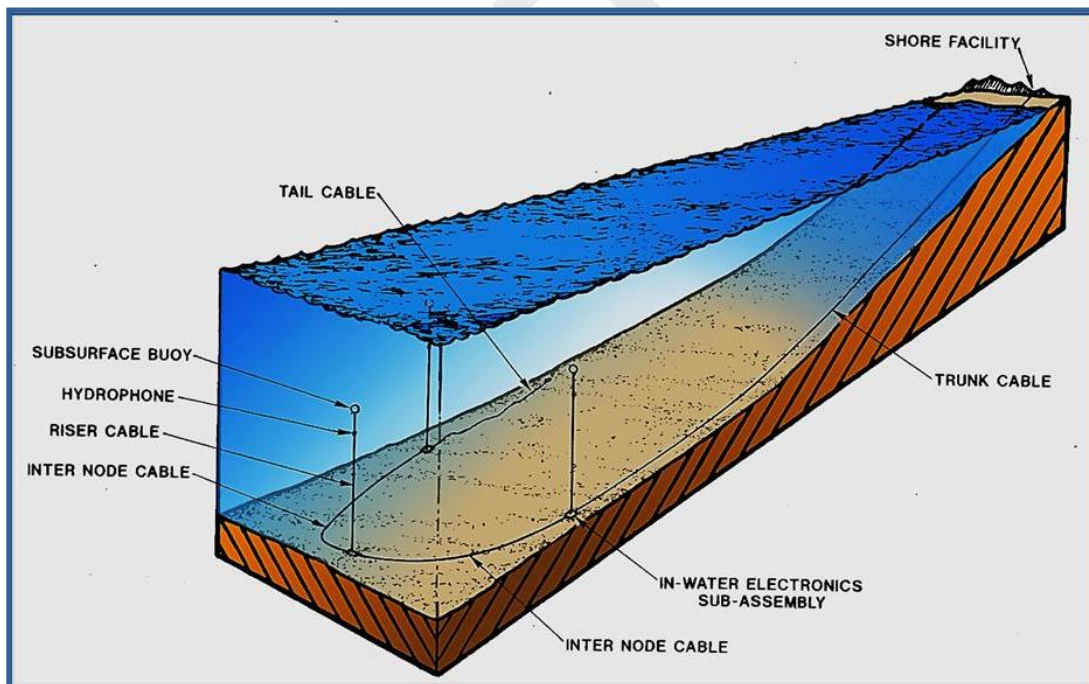


The cable laying vessel *RESPONDER* with its length of 145 m transporting equipment and personnel for the reconstruction of the hydroacoustic listening station.

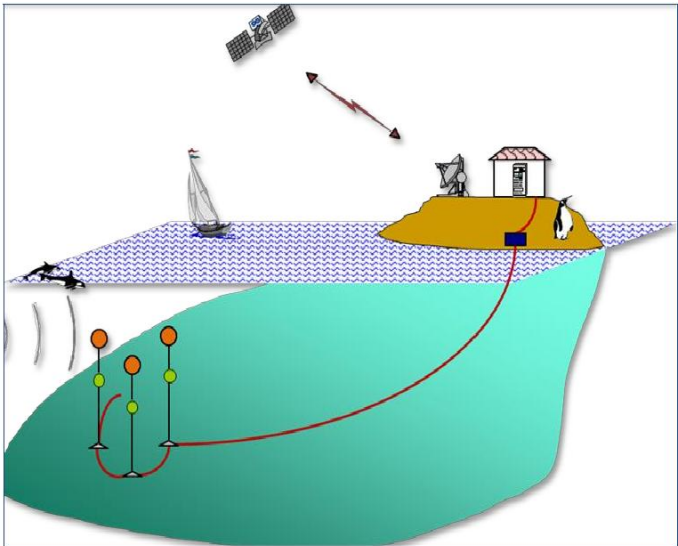
The hydroacoustic listening station is to have two assemblies of hydrophones anchored at approximately 2000 m depth for use in detecting low-frequency sounds generated by possible nuclear testing in the Pacific Ocean.



Robinson Crusoe Island (in the Juan Fernández Archipelago) is located approximately 670 km from the Chilean coast off shore from the port of San Antonio.



One of the hydrophone assemblies is to be installed to the north and the other to the south of Robinson Crusoe Island and both are to be connected to the processing center by means of a submarine optical fiber cable.



Schematic view of the hydroacoustic monitoring system for the transmission of information in real time from Robinson Crusoe Island to CTBTO offices in Vienna, Austria.