

Sea Level Operations in Chile



Presented by Tomás Cádiz

Hidrographic and oceanographic service of
the Chilean navy(SHOA)
Tomascadiztc@gmail.com

Map of sea level station



Sea level station

Item	Detail
Nº of station installed	49
Nº of operational station	49
Operating organisation	Hidrographic and oceanographic service(SHOA)
Maintenance and repair manager	SHOA
Technologies used	Radar, pressure sensor
Web link	https://www.ioc-sealevelmonitoring.org/

Training Course on the General Principles of Installation and Maintenance of
Sea Level Stations and the Use of the Data
Bridgetown, Barbados, 17–21 November 2025



IC-ENC



Typical station

Item	Details
Station name	Puerto Natales
Latitude/longitude	51.729S / 72.515W
Transmit period	5 minute.
Sampling rate	1 minute.
Telemetry	GOES/GPRS/BGAN.
Sensor	Pressure sensor, radar and barometer.

Future plans/technology issues

- From this year, we are improving stations across the country, looking into the possibility of installing new ones in areas where there are none.
- Some transmission systems in remote areas such as Antarctica are having problems due to adverse weather conditions