

BENTOS, was incorporated in 1994 to satisfy the growing needs of companies in the field of marine services. These services focus on the following areas: design support and operation of maritime works and submarine cables (communications and power cables).

The company is backed by the experience of its professionals who have performed for years as consultants for international companies or have performed research at universities. This group of professionals has interacted closely in recent years achieving consolidation in the joint execution of various projects in a work style characterized by their capabilities and adequate operating costs.

In addition, our firm has maintained a sound policy of training, which has enabled us to have an appropriate infrastructure and economic resources to rely on to undertake work of different size and scope with assured solvency.

WORK AREAS

Our company is prepared to undertake all tasks involved in a marine study: i.e., design of the work, logistics and field operations, data analysis, relations with the authorities and preparation of reports.

The work areas of BENTOS are as follow:

- **Coastal Oceanography:** Studies of currents, tides, wave climate, meteorology, dispersion, sediment transport and numerical modeling.
- **Hydrography:** Monobeam and multibeam bathymetry, surveying and geodesy.
- **Geophysics:** Side scan sonar, sub bottom profiler (pinger and chirp), boomer, sparker magnetometry.
- **Submarine Cables:** DTS, and Survey. Definition of routes, logistics, submarine cable laying and repair.
- **Submarine image:** ROV, video, photography.
- **Technical Diving:** Diving for inspections of constructed works and submerged structures, submarine sampling, in situ submarine tests, installation and review of submarine instruments.
- **Environment:** Marine environmental studies.

In addition, BENTOS is the exclusive representative of the following firms in Chile:

- FALMOUTH SCIENTIFIC INC: Oceanographic equipment.
- HYPACK: Hydrographic software.
- IMAGENEX TECHNOLOGY CORP.: Sonars.
- KC-DENMARK: Sampling equipment.
- MOORING SYSTEMS INC.: Sediment sampling equipment and instrument anchoring.
- RBR: Submergible sensors and data loggers.
- R2SONIC: Multibeam sonars.
- TELEDYNE BLUE VIEW: Imaging sonars.
- TELEDYNE RD INSTRUMENTS: Acoustic Doppler profilers and CTDs.
- TELEDYNE IMPULSE
- WOODS HOLE GROUP: Integration of sensors, laboratories and other services.
- XEOS TECHNOLOGIES
- AXYS TECHNOLOGIES
- LYYN
- SEA & SUN TECHNOLOGY
- AGEOTEC
- ROMOR
- OCEAN WISE

COMPANY PERFORMANCE RECORD

BENTOS has performed the following studies:

STUDIES FOR COASTAL ENGINEERING

ADCP (150 kHz, WH Quartermaster, Teledyne RD Instruments) rental and technical operation, to perform Bottom tracking survey in the Administrative Region of Aysén, during a 20 days survey. **INSTITUTE FOR FISHERIES DEVELOPMENT**. 2017

Official wind records to support the Engineering Design Project of the Suspension Bridge over the Chacao Channel. Tenth Administrative Region. **CHACAO BRIDGE CONSORTIUM**. 2016

ADCP (150 kHz, WH Quartermaster, Teledyne RD Instruments) rental and technical operation, to perform Bottom tracking survey in the Administrative Region of Aysén, Lagoon San Rafael, during a 26 days survey. **INSTITUTE FOR FISHERIES DEVELOPMENT**. 2016

Basic Studies for the Project "Coastal Management for Lake Elizalde". Bathymetric and Topographical Studies, Lake Elizalde, Eleventh Administrative Region. **ARCADIS**. 2016.

Wide Coverage Bathymetric Survey to Support a Modeling Studies (Los Lagos Administrative Region). FIPA-2016-05 Project. Chiloé, Tenth Administrative Region. **UNDER-SECRETARY OF FISHERIES AND AQUACULTURE**. 2016.

ADCP (150 kHz, WH Quartermaster, Teledyne RD Instruments) rental and technical operation, to perform Bottom tracking survey in the Administrative Region of Magallanes, during a 19 days survey. **INSTITUTE FOR FISHERIES DEVELOPMENT**. 2016

Request of Maritime Concession to Water Catchment and Brine Discharge. Mejillones Peninsula, Moreno Bay, Second Administrative Region. **AGUAS PLAYA BLANCA S.A.** 2016.

ADCP (150 kHz, WH Quartermaster, Teledyne RD Instruments) rental and technical operation, to perform Bottom tracking survey in the Administrative Region of Magallanes, during a 10 days survey. **INSTITUTE FOR FISHERIES DEVELOPMENT**. 2016

Official Maneuverability Study, Maritime Terminal. First Administrative Region. **MINERAL MINING COMPANY**. 2015.

Official Tides Study, Maritime Terminal. First Administrative Region. **MINERAL MINING COMPANY**. 2015.

Official Multibeam Bathymetric Survey. Maritime Terminal. First Administrative Region. **MINERAL MINING COMPANY**. 2015.

Mussels Natural Bed Survey using Multibeam Bathymetry and Side Scan Sonar Technologies. Tenth Administrative Region. **SANTO TOMAS UNIVERSITY**. 2015.

Multibeam Hydrographic Survey and Marine Geophysical Survey. Red Dragon Coal Fired Power Plant Project. Mejillones, Second Administrative Region. **PETRUS CONSULTORES GEOTÉCNICOS LTDA**. 2015.

Official Waves Study to support the Engineering Design Project of the Suspension Bridge over the Chacao Channel. Tenth Administrative Region. **CHACAO BRIDGE CONSORTIUM**. 2014 - 2015 - 2016.

Official Currents Study to support the Engineering Design Project of the Suspension Bridge over the Chacao Channel. Tenth Administrative Region. **CHACAO BRIDGE CONSORTIUM**. 2014 - 2015 - 2016.

Official Tides Study to support the Engineering Design Project of the Suspension Bridge over the Chacao Channel. Tenth Administrative Region. **CHACAO BRIDGE CONSORTIUM**. 2014 - 2015 - 2016.

Official Wind Study to support the Engineering Design Project of the Suspension Bridge over the Chacao Channel. Tenth Administrative Region. **CHACAO BRIDGE CONSORTIUM**. 2014 - 2015.

Official Study of Currents, Waves and Tides for the Engineering Design of the Project for a Suspension Bridge over the Chacao Channel, Tenth Administrative Region. **CONSORCIO PUENTE CHACAO S.A**. 2014-2015-2016.

Logistical support, installation of Austral II submarine fiber cable. Permitting, four landing sites, 6 km of buried line section by means of Jet burial, Tenth and Eleventh Administrative Regions. **NORDDEUTSCHE SEEKABELWERKE GmbH - NSW**. 2014-2015.

Submarine exploration for the Fiber Optic Cable Route, Tenth and Eleventh Administrative Regions. **TELFÓNICA DEL SUR. S.A**. 2014.

Logistical support for mobilization to the field, installation and connection of Fiber Optic Cables on Robinson Crusoe Island as part of the Placement in Service of the Robinson Crusoe Island Hydroacoustic Monitoring Station, Fifth Administrative Region. **MARIPRO**. 2014.

Mid tension underwater power cable provision and installation. Canal Huar, X Region. **SAESA**. 2013 - 2014.

Multibeam Survey, 1250 km² 100-3000m. Northern Chile. **RESERVED CUSTOMER**. 2013.

Outside Plant. Fiber Optic and Power Cable Installation. Robinson Crusoe Island. **L3 MARIPRO**. 2013.

OCTOPUS LNG Marine survey. Bahía de Concepción, VIII Región. **GEOVENOR EXPLORA**. 2013.

Multibeam survey. LAKE VILLARRICA, IX REGIÓN. **UNIVERSIDAD GENT (BÉLGICA), UNIVERSIDAD ZURICH (SUIZA) UNIVERSIDAD AUSTRAL CHILE**. 2013.

Official monobeam and Side Scan Sonar bathymetry. Bahía Chapaco, Third Administrative Region. **COMPAÑÍA MINERA DEL PACÍFICO S.A. (CAP-MINERÍA)**. 2012.

Official Beach Line. Bahía Chapaco, Third Administrative Region. **COMPAÑÍA MINERA DEL PACÍFICO S.A. (CAP-MINERÍA)**. 2012.

Multibeam survey for a submarine cable route, Robinson Crusoe Island, Fifth Administrative Region, Chile. **L-3 MARIPRO**. 2012.

Official Tide Study. Desalination Plant and Tocopilla Marine Terminal Project, Second Administrative Region, Chile. **FREEPORT-McMORAN COPPER & GOLD INC.** 2012.

Measurements of Waves, Currents and Sea Level. Pampa Pongo, Province of Nazca, Peru. **PRDW ALDUNATE VÁSQUEZ**. 2012.

Installation of HA03 and IS14 Monitoring Stations, Bahía Cumberland, Robinson Crusoe Island, Fifth Administrative Region. **PREPARATORY COMMISSION FOR THE COMPREHENSIVE NUCLEAR TEST-BAN-TREATY ORGANIZATION (CTBTO)**. 2012.

Bathymetry and Current Measurements in Canal de Chacao, Tenth Administrative Region. **PONTIFICAL CATHOLIC UNIVERSITY OF CHILE**. 2012.

Oceanographic Study with approval of the Hydrographic and Oceanographic Service of the Chilean Navy (SHOA). Bahía Chapaco, Third Administrative Region. **COMPAÑÍA MINERA DEL PACÍFICO S.A. (CAP-MINERÍA)**. 2012.

Multibeam Bathymetric and Marine Subsoil Profiler Survey. Bahía Chapaco, Third Administrative Region. **COMPAÑÍA MINERA DEL PACÍFICO S.A. (CAP-MINERÍA)**. 2012.

Marine Geophysical Exploration. Mejillones, Second Administrative Region. Gas Atacama Project. **GASATACANA CHILE S.A.** 2011.

Marine Geophysical Exploration. First Administrative Region. Quebrada Blanca Project Phase 2. **COMPAÑÍA MINERA TECK QUEBRADA BLANCA S.A.** 2011.

Environmental Impact Declaration of Dredging for Port Deepening and Baseline Study for the Dredging Extraction and Dredging Material Disposal Area. Iquique, First Administrative Region, Chile. **IQUIQUE TERMINAL INTERNACIONAL S.A.** 2011.

Determination of the Official Beach Line and Study of Tides at Punta Guatral and Bahía Yecho, for Aysén-Central Chile Interconnected Grid System (SIC) Transmission Study.

Tenth and Eleventh Administrative Regions, Chile. **CENTRALES HIDROELÉCTRICAS DE AYSÉN S.A.** 2011.

Multibeam Bathymetry and Measurement of Waves. Marine Studies, Bahía Islay Marine Terminal, Arequipa, Peru. **TERMINAL INTERNACIONAL DEL SUR S.A.** 2011.

Shallow Seismic Survey, Liquid Bulk Terminal Project, Electroandina, Second Administrative Region, Chile. **EMPRESA CONSTRUCTORA BELFI.** 2011.

Official Current Study, Waves and Tides. Deep Undersea Discharge Pipe Project, Huasco, Third Administrative Region, Chile. **COMPAÑÍA MINERA DE PACÍFICO S.A.**, 2011.

Measurement of Currents, Antofagasta, Second Administrative Region, Chile. **ANTOFAGASTA TERMINAL INTERNACIONAL.** 2011.

Multibeam Bathymetric and Marine Subsoil Profiler Survey. Bahía Cumberland, Robinson Crusoe Island, Fifth Administrative Region, Chile. **COMPREHENSIVE NUCLEAR – TEST - BAN TREATY ORGANIZATION (CTBTO).** 2010-2011.

Bathymetric Side Scan Sonar and Marine Subsoil Profiler Survey. Directional Wave and Current Measurement. Sedimentology Sampling. De Rocha District, Uruguay. **MINERA ARATIRÍ S.A. - AUSENCO MANAGEMENT.** 2010-2011.

Complementary Services for the Second Stage of Dredging of Front B of the Port of Arica. ICSARA 2. **TERMINAL PUERTO DE ARICA S.A.** 2010-2011.

Exploratory and Side Scan Sonar Bathymetry, Dock Dredging Project, ASMAR (T), Talcahuano, Eighth Administrative Region, Chile. **PRDW ALDUNATE VÁSQUEZ SERVICIOS LTDA.** 2010.

Official Bathymetry Study, Current Study, Tide and Study of Seabed Quality, Caldera, Third Administrative Region. **COMPAÑÍA CONTRACTUAL MINERA CANDELARIA.** 2010-2011.

Beach Line, Caldera, Third Administrative Region. **COMPAÑÍA CONTRACTUAL MINERA CANDELARIA.** 2010.

Current Study with Approval of SHOA at the port of San Antonio (Fifth Administrative Region, Chile). **EMPRESA PORTUARIA SAN ANTONIO S.A.** 2010

Monobeam Bathymetric Survey at the Port of San Antonio (Fifth Administrative Region, Chile). **EMPRESA PORTUARIA SAN ANTONIO S.A.** 2010

Study of the Wave Climate at Bahía Ancón, Peru. **TRAMARSA S.A.** 2009 - 2010.

Hydrographic, Geophysical, Coastal Topography and Soil Mechanics Studies for Submarine Power Cables; Alignments in the Chilean Tenth and Eleventh Administrative Regions. **CENTRALES HIDROELÉCTRICAS DE AYSÉN S.A** 2009 - 2010.

Marine Geophysical Studies, Monobeam Bathymetry, Side Scan Sonar, Directional Wave Measurements; Puerto Eten, Chiclayo, Peru. **LUMINA COPPER**. 2009 - 2010.

Study of the Technical Feasibility of Implementing a Submarine Optical Fiber Cable Alignment between Puerto Chacabuco and Puerto Natales, Eleventh Administrative Region Chile. **SUBSECRETARIAT OF TELECOMMUNICATIONS**. 2009.

Hydrographic, Geophysical, Beach Line and Coastal Topography Studies. El Morro Desalination Plant Project, Third Administrative Region. **HALCROW GROUP LTD. CHILE, AGENCIA EN CHILE**. 2009.

Study Water Quality and Observations of Seals in Dredging Operations and Observations of Seals during Dredging Operations, Fifteenth Administrative Region. **TERMINAL PUERTO DE ARICA S.A.** 2009.

Bathymetric Support for Work of Dredging and Dredging Takeoffs, Fifteenth Administrative Region. **TERMINAL PUERTO DE ARICA S.A.** 2009.

Monitoring of Sediment in the Dredging Material Disposal Area (Environmental Oversight Plan), Fifteenth Administrative Region. **TERMINAL PUERTO ARICA S.A.** 2009.

Marine Seismic Survey in Bahía Talcahuano, Eighth Administrative Region. **GEOEXPLORACIONES S.A.** 2009.

Multibeam bathymetric survey for a submarine cable route, Juan Fernández, Fifth Administrative Region. **L3 COMMUNICATIONS MARIPRO INC.** 2009.

Study of Wave climate, Bahía Ancón, Peru. **TRAMARSA S.A.** 2009 - 2010

Oceanography, Hydrography, Marine Geophysics and Beach Line Studies with Approval of SHOA, Study and Design for the Improvement and Maritime Connectivity of the Puerto Montt – Chiloé – Palena Network. Caleta La Arena, Tenth Administrative Region. **PRDW AV – PORT WORKS DEPARTMENT (DOP)**. 2008 - 2009.

Oceanography, Hydrography, Marine Geophysics and Beach Line Studies with Approval of SHOA, Study and Design for the Improvement and Maritime Connectivity of the Puerto Montt – Chiloé – Palena Network. Caleta Puelche, Tenth Administrative Region. **PRDW AV - PORT WORKS DEPARTMENT (DOP)**. 2008 - 2009.

Oceanography, Hydrography, Marine Geophysics and Beach Line Studies with Approval of SHOA. Puerto Yungay". **CENTRALES HIDROELÉCTRICAS DE AYSÉN S.A.** 2008 - 2009.

Oceanography, Hydrography, Marine Geophysics and Beach Line Studies with Approval of SHOA, Puerto Río Bravo". **CENTRALES HIDROELÉCTRICAS DE AYSÉN S.A.** 2008 -2009.

Study of the Wave climate. Ventanilla Project, El Callao, Peru. **SANDWELL PERÚ**. 2008.

Study of the Wave climate and Geophysical Exploration (Side Scan Sonar, Seismic and Bathymetry Studies). El Galeno Project, Pacasmayo, Peru. **MTB PROFESSIONALS**. 2008.

Bathymetry and Geophysics Study, URUCU-MANAUAS Gas Pipeline, Amazonas, Brazil. **PLANAL SERVICIOS DE ENGENHARIA**. 2008.

Consultancy for the Submarine Alignment Study –Conceptual Definitions for the Aysén – SIC HVDC Power Transmission System. **CENTRALES HIDROELÉCTRICAS DE AYSÉN S.A.** 2008.

Cau Cau River Tide and Current Measurements, Valdivia. **CONSORCIO CYGSA DDQ LTDA**. 2008.

Bathymetric support Services for the Environmental Oversight Plan for Port Dredging, Arica. **TERMINAL PUERTO DE ARICA S.A.** 2008.

Marine Baseline Study, Caleta Coloso Mining Load-out Terminal, Second Administrative Region. **MWH AMERICAS INC. CHILE LTDA**. 2008.

Oceanography and Water Quality Studies with Approval of SHOA, Puerto Yungay. Eleventh Administrative Region. **CENTRALES HIDROELÉCTRICAS DE AYSÉN S.A.** 2008.

Oceanography and Water Quality Studies with Approval of SHOA, Puerto Río Bravo, Eleventh Administrative Region. **CENTRALES HIDROELÉCTRICAS DE AYSÉN S.A.** 2008.

Geophysical Exploration, Melchorita LNG Project, Peru. **JAN DE NUL**. 2008.

Wave Study, Punta Rincón, Penonomé, Panama. **SANDWELL ENGINEERING**. 2008.

Wave Study, Punta Cachos, Third Administrative Region, Chile. **SANDWELL ENGINEERING**. 2008.

Geophysical Exploration, Punta Vegueta Area, Peru. **TRAMARSA S.A.**, 2008.

Tidal Current Forecasting. Tenth Administrative Region, Chile. **NUTRECO CHILE S.A.** 2007.

Geophysical Exploration, Bathymetry and Oceanographic Study. Riesco Island, Twelfth Administrative Region, Chile. **GOLDER ASSOCIATES SERVICES S.A.** 2007.

Location of Submarine Pipelines by means of Marine Subsoil Profiler. Bahía de San Vicente, Eighth Administrative Region, Chile. **CADE IDEPE INGENIERÍA Y DESARROLLO DE PROYECTOS LTDA**. 2007.

Installation of 120 km of submarine optical fiber cable, Austral Cable Project, Chiloé, Tenth Administrative Region, Chile. **NORDDEUTSCHE SEEKABELWERKE GMBH & CO. KG. SUBMARINE CABLE SYSTEMS.** 2007.

Geophysical Exploration, Bahía Ancón, Peru. **TRAMARSA S.A.** 2007.

Dredging Control at Berths 4 and 5 of Puerto San Antonio. Fifth Administrative Region, Chile. **EMPRESA PORTUARIA SAN ANTONIO (EPSA),** 2007.

Multibeam Bathymetry, Austral Cable Route, Chiloé, Tenth Administrative Region, Chile. **NORDDEUTSCHE SEEKABELWERKE GMBH & CO. KG. SUBMARINE CABLE SYSTEMS.** 2007.

Villarrica Lake Bathymetry. Eleventh Administrative Region, Chile. **INVERSIONES RADAL LTDA.** 2007.

Exploratory Bathymetry in the Las Frutillas Area, Costa Cachagua, Fifth Administrative Region, Chile. **COMUNIDAD LOTEO COSTA CACHAGUA.** 2007.

Exploratory Bathymetry, Pargua, Tenth Administrative Region, Chile. **SKRETTING.** 2007.

Official Beach Line, Topography and Exploratory Bathymetry Survey Riesco Island, Seno Otway, Twelfth Administrative Region, Chile. **GOLDER ASSOCIATES.** 2007.

Survey Study with Marine Subsoil Profiler in Bahía de Quintero, Fifth Administrative Region, Chile. **IPS INGENIEROS LTDA.** 2006.

Topo-bathymetric Study, Constitución, Seventh Administrative Region, Chile. **CELULOSA ARAUCO Y CONSTITUCIÓN S.A.** 2006.

Current Measurement, Sea Level and CTDO (Conductivity, Temperature and Dissolved Oxygen). Miski Mayo Port Terminal Project, Bahía Sechura, Department of Piura, Peru. **COMPAÑÍA MINERA MISKI MAYO S.A.C.,** 2006.

Marine Subsoil Profiler Survey, Harbor Basin, Puerto de Arica, First Administrative Region, Chile. **TERMINAL PUERTO ARICA S.A.** 2006.

Installation of Real Time Wind, Current and Directional Wave Measurement System. Abastible Terminal, Bahía San Vicente, Eighth Administrative Region, Chile. **ABASTIBLE.** 2006.

Study of Topography, Marine Bottom Morphology, Tides and Distribution of Sediment Strata, Nueva Aldea Undersea Discharge Pipe Project, Itata River Debouchure, Eighth Administrative Region, Chile. **CELULOSA ARAUCO Y CONSTITUCIÓN S.A.** 2006.

Directional Wave and Eulerian Current Measurement Services, Banco Inglés, Río de la Plata, Uruguay. **CLEDIR.** 2006.

Reconnaissance of the Marine Bottom Morphology of the Zorritos Area, Tumbes, by means of the use of Side Scan Sonar. Submarine Gas Pipeline Project. **BPZ ENERGY INC., SUCURSAL PERÚ. SEHIDRO.** 2006.

Study of Marine Sub-bottom Profiles, Zorritos, Tumbes. Submarine Gas Pipeline Project. **BPZ ENERGY INC., SUCURSAL PERÚ. SEHIDRO.** 2006.

Current and Directional Wave Study, Playa El Arenal, South Bank of the Maule River, Constitución, Seventh Administrative Region, Chile. **CELULOSA ARAUCO Y CONSTITUCIÓN S.A.** 2006.

Direct Current Measurement Study. Identification of Maximum Current Values. Punta Soledad Area, Canal de Chacao, Tenth Administrative Region, Chile. **EMPRESA CONSTRUCTORA PUENTE CHILOÉ S.A.** 2006.

Eulerian Current Study, Pila Norte Area, Canal de Chacao, Tenth Administrative Region, Chile. **EMPRESA CONSTRUCTORA PUENTE CHILOÉ S.A.,** 2006.

Dredging Takeoff Reports, Iquique. First Administrative Region, Chile. **IQUIQUE TERMINAL INTERNACIONAL S.A.,** 2006.

3D Modeling Study, Canal de Chacao, Tenth Administrative Region, Chile. **EMPRESA CONSTRUCTORA PUENTE CHILOÉ S.A.,** 2006.

Relative Humidity Measurements at Torre Sur, Canal de Chacao, Tenth Administrative Region, Chile. **EMPRESA CONSTRUCTORA PUENTE CHILOÉ S.A.,** 2006.

Detail Wave Study and Dynamic Simulation for LNG Dock at Bahía Quintero, Fifth Administrative Region, Chile. **ENAP REFINERÍAS S.A.** 2005 - 2006.

Marine Subsoil Acoustical Exploration Study in Bahía de Quintero, Fifth Administrative Region, Chile. Monobuoy Capacity Increase Project, Quintero. **GEOVENOR S.A.** 2005.

Dredging Control Studies at Puerto de Antofagasta. Bathymetry, Takeoffs, Submarine Inspection in Puerto de Antofagasta, Antofagasta, Second Administrative Region, Chile. **ANTOFAGASTA TERMINAL INTERNACIONAL S.A.** 2005.

Maximum 19-year Eulerian Current Study by means of ADCP. Chelín Aquaculture Facility, Tenth Administrative Region, Chile. **MARINE HARVEST CHILE S.A.** 2005.

Eulerian Current Study by means of. Puchilco Aquaculture Facility, Tenth Administrative Region, Chile. **MARINE HARVEST CHILE S.A.** 2005.

Detailed Engineering, Port Infrastructure Improvement at Puerto Edén, Twelfth Administrative Region, Chile. **GSI INGENIEROS CONSULTORES LTDA.** 2005.

Oceanography and Bathymetry Studies, Puerto de Arica Terminal. First Administrative Region, Chile. **TERMINAL PUERTO ARICA S.A.** 2005.

Bathymetry and Side Scan Sonar Studies in Roca Remolinos and Pila Norte Area, Canal de Chacao, Tenth Administrative Region, Chile. **EMPRESA CONSTRUCTORA BELFI S.A.** 2005.

Submarine Filming, Roca Remolinos Area, Canal de Chacao, Tenth Administrative Region, Chile. **EMPRESA CONSTRUCTORA BELFI S.A.** 2005.

Study of Current and Tide Prediction in the Canal de Chacao, Tenth Administrative Region, Chile. **EMPRESA CONSTRUCTORA PUENTE CHILOÉ S.A.** 2005.

Bathymetric Survey, ITATA Project, Seventh Administrative Region, Chile. **CELULOSA ARAUCO Y CONSTITUCIÓN S.A.** 2005.

Oceanographic, Bathymetric and Topographical Studies, Ilo Port Project, Peru. **SOUTHERN PERÚ COPPER CORPORATION.** 2005.

Dredging Control Studies at Puerto de Iquique. Bathymetry, Takeoffs and Submarine Inspection at Puerto de Iquique, Iquique, First Administrative Region, Chile. **IQUIQUE TERMINAL INTERNACIONAL S.A.** 2005.

Study of Wave climate, Bahía Coronel. Measurements of Waves and Preparation of Wave Climate, Bahía Coronel, Eighth Administrative Region, Chile. **GEOCEANO MARINE.** 2005.

Study Marine Subsoil Profiles, Bahía Quintero, Fifth Administrative Region, Chile. **GEOVENOR - ENAP REFINERÍA ACONCAGUA.** 2005.

Marine Baseline Study, Bahía Chilota, Twelfth Administrative Region, Chile. **GEOVENOR.** 2005.

Exploratory Bathymetry, Bahía Coronel, Eighth Administrative Region, Chile. **COMPAÑÍA PUERTO DE CORONEL S.A.** 2005.

Operation and Maintenance of the Robinson Crusoe Island Hydroacoustic Station (HA03), Fifth Administrative Region, Chile. **CHILEAN NUCLEAR ENERGY COMMISSION.** 2004 (to 2010).

Operation and Maintenance of the Robinson Crusoe Island Infrasound Station (IS14), Fifth Administrative Region, Chile. **GEOPHYSICS DEPARTMENT, UNIVERSITY OF CHILE.** 2005.

Environmental Study, Elevated Discharge Pipe, Constitución Market Pulp Mill, Seventh Administrative Region, Chile. (Environmental Study for the Improvement of the Discharge of Mill Effluent to the Sea). **CELULOSA ARAUCO Y CONSTITUCIÓN.** 2004 - 2005.

Monitoring of Dredging Operations, Puerto de Antofagasta, Second Administrative Region, Chile. Monitoring of Suspended Solids in the Water Column. **EMPRESA CONSTRUCTORA TECSA S.A.** 2004 - 2005.

Directional Wave Measurements, Bahía de Mejillones, Second Administrative Region, Chile. **COMPAÑÍA PORTUARIA MEJILLONES S.A.** 2004.

Bathymetry of the Harbor Basin North Area, Puerto de Antofagasta, Second Administrative Region, Chile. **EMPRESA PORTUARIA ANTOFAGASTA.** 2004.

Aquaculture Concession Maps, Tenth Administrative Region, Chile. Preparation and printing of marine concession maps. **FUNDACIÓN CHINQUIHUE.** 2004.

Aquaculture Environmental Report Project for 40 Salmonid Fish Farming Facilities in the Tenth Administrative Region, Chile. Eulerian Current Study by means of ADCP, Exploratory Bathymetry (DGPS), installation of geo-referenced monuments (DGPS), water column structure (CTDO). **MARINE HARVEST S.A.** 2004.

Submarine Inspection of Berths 1, 2 and 3. Berth 4 and 5 Improvement Project, Antofagasta Terminal Internacional. Puerto de Antofagasta, Second Administrative Region, Chile. **ANTOFAGASTA TERMINAL INTERNACIONAL S.A.** (ATI). 2004.

Hydroacoustic Station HA03 under the Complete Nuclear Test Ban Treaty (signed by the Republic of Chile on 24-07-1997 and ratified on 12-07-2000). Operation Services for the Juan Fernández Island, Chile, Hydroacoustic Station. **PREPARATORY COMMISSION FOR THE COMPREHENSIVE NUCLEAR TEST BAN TREATY ORGANIZATION (CTBTO).** 2003 - 2004.

Wind Measurement, Bridge over the Canal de Chacao. Tenth Administrative Region, Chile. **MINISTRY OF PUBLIC WORKS.** 2003 - 2004.

Oceanography, Bathymetry and Topography Studies. Berth 4 and 5 Improvement Project, Antofagasta Terminal Internacional. Puerto de Antofagasta, Second Administrative Region, Chile. **ANTOFAGASTA TERMINAL INTERNACIONAL S.A.** (ATI). 2003 - 2004.

Aquaculture Concession Maps, Hornopirén Area, Tenth Administrative Region, Chile. Preparation of marine concession maps for use in regularizing the concessions involved. **UNDERSECRETARIAT OF FISHING.** 2003 - 2004.

Aquaculture Concession Maps, Castro Area, Tenth Administrative Region, Chile. Preparation of marine concession maps for use in regularizing the concessions involved. **UNDERSECRETARIAT OF FISHING.** 2003 - 2004.

Directional Wave Study. Camisea Project, Bahía Paracas, Pisco, Peru. **CONSTRUCTORA BELFI COSAPI S.A.** 2003.

Implementation of a System of Navigation Aids, Bahía Paracas, Pisco, Peru. **CONSTRUCTORA BELFI COSAPI S.A.** 2003.

Official Bathymetry. Compañía Minera Collahuasi Marine Terminal, Punta Patache, First Administrative Region, Chile. **AGUNSA S.A.** 2003.

Wind Study, Project for an International Concession for a Bridge over the Canal de Chacao. Marine and Wind Studies, Chacao, Tenth Administrative Region, Chile. **MINISTRY OF PUBLIC WORKS.** 2003.

Determination of beach line. Lowest Tide Line and Beach Lands. Bahía Mejillones Sur. Second Administrative Region, Chile. **COMPLEJO PORTUARIO MEJILLONES.** 2002.

Cadastral Survey of the Status of Ramps in the Tenth Administrative Region, Chile. Ministry of Public Works. Tenth Administrative Region, Chile. **EPTISA CHILE.** 2002.

Current Study with ADCP at Salmon Fattening Facilities (Punta Cachihué, Butachauques Island). Chiloé Island, Tenth Administrative Region Chile. **CULTIVOS MARINOS CHILOÉ.** 2002.

Wind Study, Project for an International Concession for a Bridge over the Canal de Chacao. Marine and Wind Studies, Chacao, Tenth Administrative Region, Chile. **MINISTRY OF PUBLIC WORKS.** 2002.

Marine Studies: Waves Currents, Tides, Winds, Bathymetry, Submarine Inspection. Short Seismic Resistant Dock for Post-Panamax Vessels, Berth 4 - Puerto de Iquique", First Administrative Region, Chile. **IQUIQUE TERMINAL INTERNACIONAL S.A.** 2002.

Study for the Location of Submarine Hydrophones and Data Transfer Cables. United Nations Nuclear Test Ban Treaty. Robinson Crusoe Island, Fifth Administrative Region, Chile. **SCIENCE APPLICATIONS INTERNATIONAL CORPORATION INC.** 2001.

Oceanographic Study: Winds and Marine Currents (ADCP). CAM-1 Project, Magallanes, Twelfth Administrative Region, Chile. **LENGA INGENIERÍA.** 2001.

Oceanographic Study: Wave Climate. CAM-1 Project, Magallanes, Twelfth Administrative Region, Chile. **LENGA INGENIERÍA.** 2001.

Current Study with ADCP at Salmon Fattening Facilities (Lalin, Teliupta, Huelmo, Apiao and Conchas Blancas). Chiloé Island, Tenth Administrative Region Chile. **MARINE HARVEST CHILE S.A.** 2001.

Hindcasting of Waves for Salmon Farming Facilities on Chiloé Island, Tenth Administrative Region, Chile. **MARINE HARVEST CHILE S.A.** 2001.

Bathymetry. Higuierillas Undersea Discharge Pipe Project. Con-Con, Fifth Administrative Region, Chile. **ESVAL S.A.** 2001.

Official Bathymetry, Puerto Ballena Project, Bahía Pargua, Tenth Administrative Region, Chile. **NUTRECO CHILE S.A.** 2001.

Topo-bathymetry Study, Puerto Bories, Puerto Natales, Thirteenth Administrative Region, Chile. **PRDW SUD AMÉRICA.** 2001

Oceanographic Study: Winds, Tides and Waves. Puerto Ballena Project, Bahía Pargua, Tenth Administrative Region, Chile. **TROUW CHILE S.A.** 2001.

Bathymetry. Bahía Pargua, Tenth Administrative Region, Chile. **DANISCO CULTOR CHILE S.A.** 2001.

Bathymetry. Bahía Puerto Montt, Tenth Administrative Region, Chile. **SOCOVESA VALDIVIA S.A.** 2001.

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OUR COMPANY

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COMPANY DATA

Corporate Name	:	SERVICIOS Y EQUIPOS MARINOS LTDA.
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