

1. **Global Ocean Observing System (GOOS) National Focal Point**

Name 1: Matías I. Sifón, Lieutenant

Position: Head Oceanography Department

Institution: Hydrographic and Oceanographic Service of the Chilean Navy

Telephone Number: 56 32 2266670

Email address 1: msifon@shoa.cl

Email address 2: oceanografia@shoa.cl

Postal Address: Errázuriz 254, Playa Ancha, Valparaíso, Chile

Name 2: Julio C. Castro, Oceanographer

Position: Head of Coastal Dynamic Division

Institution: Hydrographic and Oceanographic Service of the Chilean Navy

Telephone Number: 56 32 2266685

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2. **ARGO National Focal Point**

Name 1: Matías I. Sifón, Lieutenant

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Name 2: Juan P. Jorquera, Oceanic Civil Engineer

Position: Data Quality Control and Telemetry Manager

Institution: Hydrographic and Oceanographic Service of the Chilean Navy

Telephone Number: 56 32 2266684

Email address: oceanografia@shoa.cl

Postal Address: Errázuriz 254, Playa Ancha, Valparaíso, Chile

3. **Global Sea Level Observing System (GLOSS) National Focal Point**

Name 1: Matías I. Sifón, Lieutenant

Position: Head Oceanography Department

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Name 2: Julio C. Castro, Oceanographer

Position: Head of Coastal Dynamic Division

Institution: Hydrographic and Oceanographic Service of the Chilean Navy

Telephone Number: 56 32 2266685

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4. **Data Buoy Cooperation Panel (DBCP) National Focal Point**

Name 1: Matías I. Sifón, Lieutenant

Position: Head Oceanography Department

Institution: Hydrographic and Oceanographic Service of the Chilean Navy

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Name 2: Juan P. Jorquera, Oceanic Civil Engineer

Position: Data Quality Control and Telemetry Manager

Institution: Hydrographic and Oceanographic Service of the Chilean Navy

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Postal Address: Errázuriz 254, Playa Ancha, Valparaíso, Chile

Nomination Submitted by RADM Arturo A. Oxley

Signature:

Position: DIRECTOR

Government Department/Agency CHILEAN NAVY HYDROGRAPHIC AND
OCEANOGRAPHIC SERVICE

Date: 17 MARZO 2023

Servicio Hidrográfico y Oceanográfico de la Armada de Chile

Errazuriz 254 - Playa Ancha - Casilla 324 - Valparaíso - Chile - C.P. 236-0167 - Fono: 56-322266666 / Fax: 56-322266542 - Correo electrónico: shoa@shoa.cl / www.shoa.cl

SHOA ORDINARIO N° 13235/4/ 457

Valparaíso, **27 MAR. 2023**

Mr. Vladimir Ryabinin
Executive Secretary
Intergovernmental Oceanographic Commission of UNESCO

Due to internal changes in the organization of the Chilean Navy Hydrographic and Oceanographic Service, the position of National Focal Point for GOOS, GLOSS, DBCP and ARGO, will be held by Lieutenant Matías Sifón, Head of the Department of Oceanography of SHOA, henceforth please consider that all upcoming communications should be addressed to both focal points in the attached forms.

Please accept, the assurance of my highest consideration,



ARTURO OXLEY
REAR ADMIRAL
DIRECTOR – CHILEAN HYDROGRAPHER



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1. Global Ocean Observing Systems National Contact Point (GOOS)

Name: Carlos A. Zúñiga, Lieutenant Commander

Position: Head, Oceanography Department

Institution [repeat for all]: Hydrographic and Oceanographic Service of the Chilean Navy

Telephone Number: 56 32 2266670

Email address: czuniga@shoa.cl

Postal Address: Errázuriz 254, Playa Ancha, Valparaíso, Chile

2. JCOMM National Contact Point (for IOC)

Name 1: Luis A. Vidal, Commander

Position: Head of the Meteorological Service of the Chilean Navy

Telephone Number: 56 32 2208620 / 2208621 / 979772294

Email address: lvidall@directemar.cl

Postal Address: Cementerio 300, Playa Ancha, Valparaíso, Chile

Name 2: Carlos A. Zúñiga, Lieutenant Commander

Position: Head, Oceanography Department

Telephone Number: 56 32 2266670

Email address: czuniga@shoa.cl

Postal Address: Errázuriz 254, Playa Ancha, Valparaíso, Chile

3. Argo National Focal Point

Name: Carlos A. Zúñiga, Lieutenant Commander

Position: Head, Oceanography Department

Telephone Number: 56 32 2266670

Email address: czuniga@shoa.cl

Postal Address: Errázuriz 254, Playa Ancha, Valparaíso, Chile

4. Global Sea Level Observing System (GLOSS) National Contact Point

Name 1: Patricio J. Carrasco, Real Admiral

Position: Director

Telephone Number: 56 32 2266552

Email address: director@shoa.cl

Postal Address: Errázuriz 254, Playa Ancha, Valparaíso, Chile

Name 2: Carlos A. Zúñiga, Lieutenant Commander

Position: Head, Oceanography Department

Telephone Number: 56 32 2266670

Email address: czuniga@shoa.cl

Postal Address: Errázuriz 254, Playa Ancha, Valparaíso, Chile

Name 3: Juan J. Fierro

Position: Head, Coastal Dynamic Division

Telephone Number: 56 32 2266676

Email address: oceanografia@shoa.cl

Postal Address: Errázuriz 254, Playa Ancha, Valparaíso, Chile

(v)

5. Ship Observation Team (SOT) National Contact Point

Name 1: Alejandro L. de la Maza

Position: Meteorological Service of the Chilean Navy

Telephone Number: 56 32 2208622 / 942910409

Email address: adelamazad@directemar.cl

Postal Address: Cementerio 300, Playa Ancha, Valparaíso, Chile

Name 2: Carlos A. Zúñiga, Lieutenant Commander

Position: Head, Oceanography Department

Telephone Number: 56 32 2266670

Email address: czuniga@shoa.cl

Postal Address: Errázuriz 254, Playa Ancha, Valparaíso, Chile

6. Data Buoy Cooperation Panel (DBCP) National Contact Point

Name 1: Carlos A. Zúñiga, Lieutenant Commander

Position: Head Oceanography Department

Telephone Number: 56 32 2266670

Email address: czuniga@shoa.cl

Postal address: Errázuriz 254, Playa Ancha, Valparaíso, Chile

**DBCP NFP updated
with new contact**

(vi)

Name 2: Christian R. Marchant, Lieutenant

Position: Head of National Tsunami Warning System Division

Telephone Number: 56 32 2266672

Email address: cmarchant@shoa.cl

Postal address: Errázuriz 254, Playa Ancha, Valparaíso, Chile

Comments regarding any of the contacts above:

Nominations Submitted by: RADM PATRICIO J. CARRASCO

Signature:

Position: DIRECTOR

Government Department/Agency: CHILEAN NAVY HYDROGRAPHIC AND OCEANOGRAPHIC SERVICE

Date: 19 JUNIO 2017

Nomination Forms duly completed and signed should be sent by 16 June 2017 at the latest to the IOC Secretariat (scan to ooos@unesco.org) through one of the following channels:

1. The coordinating body for liaison with the IOC
2. Head of UNESCO National Commission
3. Permanent Delegate to UNESCO

Any enquiries can be addressed to the Head of the Ocean Observation and Services Section, Dr Albert Fischer at: a.fischer@unesco.org (with copy to Forest Collins f.collins@unesco.org)

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*Global Ocean Observing System (GOOS),
Joint IOC-WMO Technical Commission for Oceanography and Marine Meteorology (JCOMM),
Global Sea Level Observing System (GLOSS),
Argo, Ship Observations Team (SOT), and Data Buoy Cooperation Panel (DBCP)*

National Contact Points

NOMINATION FORM¹

Name of Member State:

Summary of the responsibilities of the National Contact Points:

GOOS National Contact point: The person designated by a Member State to promote the work of GOOS and GOOS Regional Alliances at the national level by promoting GOOS' plans and documents where relevant, publicizing opportunities for engagement with GOOS structures and activities, including its panels, the JCOMM Observations Coordination Group, GOOS Regional Alliances, and GOOS Projects, and advocating for national ocean observing systems activities that contribute to GOOS; Promote regionally and nationally coordinated strategies and implementation for a sustained ocean observing system delivering the needed information to users, including suggesting pilot projects; Ensure that national needs and gaps related to sustained ocean observing systems are brought to the attention of the GOOS Programme; and to supply information to IOC on ocean observing capacity development needs in the context of the IOC Capacity Development strategy and plan.

GOOS National Contact Point Terms of Reference: <http://ioc-unesco.org/goos-ncp-tor>

JCOMM National Contact Point for IOC: The person designated by a Member State to promote the work of JCOMM at the national level where relevant by publicizing JCOMM's normative work on guides, standards and best practices, in the areas of observations, data management, services and forecast systems; monitoring the engagement of national observing networks with the JCOMM Observations Coordination Group, encouraging provision of data in real time, and the registry of all platforms with the JCOMM Observing Programme Support Centre (JCOMMOPS); highlighting opportunities at a national level to engage with the work of JCOMM and the programmes of IOC and WMO; reporting to IOC on the status of national activities that contribute to JCOMM; help to identify potential improved engagement at the national level; ensuring that national needs for JCOMM observing networks, real-time data systems, and forecast and early warning systems are brought to the full attention of the JCOMM programme; and to supply information to IOC on capacity development needs in the context of the IOC Capacity Development strategy and plan; coordinating with the National Meteorological Hydrological Service, including any relevant METAREA Co-ordinators and the JCOMM Member(s) appointed by WMO to provide input for JCOMM. An annual meeting of the national Met-Ocean community is encouraged, with input provided to the Co-Presidents of JCOMM.

JCOMM National Contact Point for IOC Terms of Reference: <http://ioc-unesco.org/comm-ncp-tor>

¹ Updated May 2017, available in English only

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GLOSS National Contact Point: The person designated by a Member State to promote GLOSS Implementation Plan at National Level and provide national coordination; distribute GLOSS documentation and publications to the national institutions and persons concerned; ensure that national needs for GLOSS data, products, scientific and technical advice are brought to the attention of the GLOSS programme; supply information to IOC on training needs; organise regular reviews of the national GLOSS stations through appropriate channels to ensure that their operation is in accordance with GLOSS requirements; ensure data flow from national tide gauges and GNSS receivers to GLOSS data centres in accordance with IOC Oceanographic Data Exchange Policy; report to IOC on the status of national stations that contribute to GLOSS, help to identify potential solutions for stations with poor or no data return; publicise GLOSS and sea-level studies in general.
GLOSS Terms of Reference: http://www.ioc-unesco.org/GLOSS_TORs

Argo National Contact Point: The person designated by a Member State to receive the following information from the Argo Information Centre: type and number of floats to be deployed; dates and geo-coordinates of locations where floats are to be deployed in the high seas; contact information of the governmental, non-governmental or private entity responsible for Argo Programme floats deployed in the high seas; parameters and variables to be collected by sensors; other information that the governmental, non-governmental or private entity responsible for Argo Programme floats deployed in the high seas might consider of interest.
Argo Terms of reference: jcomm.info/Argo_ToRs

SOT National Focal Point: is the main national contact for responsibilities focused on observations from voluntary commercial ships whose terms of reference can be found at jcomm.info/SOT_ToRs Note that this list of Focal Points can be appointed through WMO or through IOC.

DBCP National Focal Point: is the main national contact for responsibilities focused on observations from surface drifters and moorings, whose terms of reference can be found at jcomm.info/DBCP_ToRs. Note that this list of Focal Points can be appointed through WMO or through IOC.

There is overlap in the functions of the GOOS and the JCOMM National Contact Points. Therefore, depending on the structure of your country's organizations related to the activities of GOOS and JCOMM, you may appoint the same contact point for GOOS and JCOMM, or you may wish to have a GOOS National Contact Point focused on observing networks and a JCOMM National Contact Point for IOC focused on operational ocean services and forecast systems including real-time data systems. Should you wish to appoint alternates, please add their information below each national contact point.