



# NATO MARITIME GEOMETOC COE

## CURRICULUM VITAE

**Name:** GUSTAVO ADOLFO GÓMEZ-PIMPOLLO CRESPO

**Nationality:** Spanish

**Date of birth:** 04<sup>th</sup> December 1975

**Rank:** Commander Spanish Navy (OF-4)

### **PROFESSIONAL EXPERIENCE**

- 2000-2003: Embarked on Spanish Navy Aircraft Carrier “Principe de Asturias”.
- 2003-2004. Embarked on Spanish Navy Frigate “Numancia”
- 2005-2008: Embarked on Survey Ship “Tofiño” (Hydrography Chief)
- 2008-2011: Embarked on Survey Ship “Rigel” (Executive Officer)
- 2011-2012: Embarked on Survey Ship “Antares” (Commanding Officer)
- 2014: Embarked on Exploration vessel “Nautilus” at the Caribbean Sea, and onboard different survey vessels of the private company “Geoplus”, performing surveys in very shallow waters and canals in Holland.
- 2015: Embarked on Oceanographic research vessel “Hesperides” from the Spanish Navy to conduct hydrographic survey in Spanish Exclusive Economic Zone, at the Cantabric Sea.
- 2016: Embarked on Oceanographic research vessel “Hesperides” from the Spanish Navy to conduct hydrographic survey in Spanish Exclusive Economic Zone, at the Mediterranean Sea.
- 2017: Embarked on Oceanographic research vessel “Hesperides” from the Spanish Navy to take part in the project “GALILEO – IHM 2”, and conduct surveys in Antarctica.
- 2017-2019: Embarked on Survey Ship “Malaspina” (Commanding Officer).
- 2019-2023: Technical Secretary of the Spanish Hydrographic Office (IHM) and teacher of the Hydrographic School “Alejandro Malaspina”.

### **ACADEMIC CUALIFICATIONS AND TRAINING:**

- 1995-2000: Degree in the Spanish Naval Academy (Marin-Pontevedra).
- 2004-2005: Specialization Course in Hydrography and Oceanography for Naval Officers at hydrography school. (CAT “A” IHO).
- 2007 Recognition IHO Level “A” Hydrographic Surveyor.
- 2010: Military Statistics course.
- 2012-2013: First course to get Hydrographic Engineering Diploma at Navy Observatory, studying higher studies in Physics-Mathematics Sciences.

- 2013-2014: GEBCO Nippon Foundation Student, specifically at the Centre for Coastal and Ocean Mapping (University of New Hampshire), getting Post Graduate certificate in Ocean Bathymetry and Post Graduate Certificate in Advanced Ocean Mapping.
- 68<sup>th</sup> Multibeam sonar training course in Lisbon from 11 to 16 May 2015.
- Naval Operations Law Course from 8 to 12 May 2017.
- Training course on International maritime safety audit scheme (IMSAS) by the European maritime safety agency (EMSA) from 21 to 23 Jan 2020.
- Pedagogical aptitude course for officers, from December 11 (2019) to December 12 (2020).
- NATO Geospatial Orientation Course, from 24 to 28 April (2023).
- NATO Meteorological and Oceanographic Orientation Course, from 25 to 29 September (2023).

### **OTHER SURVEYS AND WORKS TO HIGHLIGHT:**

- 2019-2023:  
Coordinator of the Marine Cartography Working Group of the Interministerial Commission on Marine Strategies.
- 2019-2023:  
IHM representative on the IHO Hydrographic Standards and Services Committee.  
IHM representative on the Capacity Building Sub-Committee of the International Hydrographic Organization (IHO).  
IHM representative in the IHO-European Union Cooperation Working Group.
- 2021-2022  
IHM representative and commissioned in support of the Naval Systems Headquarters of the General Sub directorate of Programs of the DGAM for the Feasibility document of the new Coastal Survey Vessels, after the completion of its Staff Requirements document.

Apart from the hydrographic surveys conducted on board the survey vessels of the IHM, the following surveys are highlighted:

- The Antarctic campaign, on board the BIO Hespérides in 2017, to carry out the third phase of the Galileo project, to validate PRS (public regulated service) of the European global navigation satellite system (GNSS) “Galileo”, by measuring position data obtained with PRS receivers and OS (Open Service) receivers of Galileo in high latitude areas of the Southern Hemisphere. Furthermore, several surveys were conducted in and around Deception Island, Bransfield Strait, Livingston Island, Moon Bay (Half Moon Island), and in several maritime shipping routes of the Antarctic Hydrographic Commission (from Gerlache Strait to the North American Antarctic Base *Palmer*).
- The surveys of the Scientific Research Plan in the Spanish exclusive economic zone, on board the BIO Hespérides in 2015 and 2016, in the Cantabrian Sea and Balearic Islands respectively.
- The geological campaign on board the exploration vessel "Nautilus", from 1 to 28 August 2014, in the North Caribbean tectonic plate and in the Mesoamerican reef area off the coast of Belize.

## **PUBLICATIONS:**

- 2015: Took part in the article and presentation “Hydrographic collaborative work between Spanish Navy Hydrographic Institute (IHM) and Portuguese Hydrographic Institute (IHPT)”, displayed in FEMME 2015 (Forum for Exchange of Mutual Multibeam Experiences), Singapore.
- 2015: Took part in the International Publication B-11 “The IHO-IOC GEBCO Cookbook”, specifically all the chapter 13 (Generation of backscattering mosaics in CARIS).
- 2017: Conducted the article “General description of XML file CUBE parameters”, published in the international magazine “Hydro”.
- 2018: Took part in the article “Methodology for measuring the length of the coastline”.
- 2022: Conducted the article and the presentation “The Necessity to renew the Hydrographic Fleet of the Spanish Navy Hydrographic Office” in the Hydrographic Engineering Conference 2022 (Lisbon, Portugal).
- 2022: Took part in the article “The Spanish Navy Hydrographic Office. State Cartography and Contribution to the Nautical Science”, published in the Navy General Review.
- 2023: Conducted the article “The International Hydrographic Organization and its Spanish representation”. Past, present and future”, published in the Navy General Review.
- 2023: Took part in the article “The Project of digital transformation of the Spanish Navy Hydrographic Office. Towards the automatization of the cartographic production”, published in the Navy General Review.