

## Lamberto Orlando LAMBERTI

<b>General Information</b>	<i>Name</i> <i>Address</i> <i>Date of Birth</i> <i>Nationality</i> <i>Marital Status</i> <i>Driving Licence</i> <i>Home</i> <i>Mobile</i> <i>E-mail</i>	<i>Lamberto Orlando LAMBERTI</i>
<b>Education</b>	<i>1978 – 1983</i> <i>1985 – 1989</i> <i>1989 – 1990</i>  <i>1992</i> <i>1992 – 1994</i>	Classic Study – High School “G. MAZZINI”, Genoa Naval Course – Italian Navy Academy, Livorno Dead reckoning Abilitation Course – Italian Navy Training Centre, Taranto Superior Course – Italian Navy Academy, Livorno Course for Hydrographic Surveyor FIG/IHO/ICA Category “A” – Italian Hydrographic Institute, Genoa
<b>Academic Qualifications</b>	<i>2005</i> <i>2003</i>  <i>1996</i>  <i>1983</i>	Military Specialization in Hydrography Degree in Naval and Maritime Science – Final mark: 109/110 (Diploma released from University of Pisa/IT Naval Academy). FIG/IHO/ICA Category “A” Hydrographic Surveyor Certificate of field proficiency (N° 23 - November 15 <sup>th</sup> , 1996 released by Italian Navy Hydrographic Institute) Diploma in Classic Study – Final mark: 52/60

<p><b>Employment</b></p>	<p>Promoted Captain of Italian Navy in 2013.</p> <p>Senior Hydro-Oceanographer with:</p> <ul style="list-style-type: none"> <li>- Hydrographic Surveyor Certificate of field proficiency Category "A" recognized by IBSC FIG/ICA/ICA;</li> <li>- Bachelor's Degree in Nautical and Maritime Sciences.</li> </ul> <p>2013 at present (2 years) at IT Navy Hydrographic Institute in Genoa working as Head of Surveys &amp; Cartographic Department promoting Surveys in Italy and abroad and the nautical documentation production of the Italian Chart/Publication Portfolio for the Safety of Navigation purposes.</p> <p>4 years (2010-2013) he worked to IT Navy Head Quarters in Rome as Head of GEOMETOC Section of 3<sup>rd</sup> Dept. Operations and General Planning.</p> <p>3 years (2007-2009) at IT Navy Hydrographic Institute in Genoa working as Head of Hydrographic Branch, in charge of the planning, management and conduct of a variety of practical survey activities in Hydrographic/Geodetic field and the management of the related Soundings and Geo-Topographic Data Bases along Italian coastline and seas.</p> <p>2 years (2005-2007) working as Executive Officer (1 year) and as Commanding Officer on board IT Navy HSV Magnaghi mainly in Hydrographic, Geodetic, Topographic, Oceanographic and Geophysics surveys in SBES, MBES &amp; SSS, Oceanographic, MAG/SBP acquisition and processing in Italian and Mediterranean and Antarctica seas.</p> <p>5 years (2000-2004) at IT Navy Hydrographic Institute in Genoa working as Chief of Survey Team and thereafter Head of Hydrographic Branch, in charge of the planning, management and conduct of a variety of practical survey activities in Hydrographic/Geodetic field and the management of the related Soundings and Geo-Topographic Data Bases along Italian coastline and seas.</p> <p>8 years (1992-1999) on board IT Navy Hydrographic Survey Vessels working as Junior/Party Chief Hydrographic Surveyor in charge of the planning, management and conduct of a variety of practical hydrographic survey activities.</p> <p>3 years off-shore (1989-1991) he served on board of several IT Navy warships as Navigator and Assistant Chief of Operations and Telecommunications.</p> <p>4 years (1985-1989) he attended IT Naval Academy in Livorno.</p> <p><b>MAIN MISSIONS ACCOMPLISHED</b></p> <p>1996 Surveys in Antarctica (Ross Sea) on board R/V Italica as Hydrographic Surveyor and navigation expert inside Italian PNRA – ENEA</p> <p>2000 Party Chief on board IT HS V Magnaghi for IHO Hydrographic and Cartographic Pilot Project performing Hydrographic Surveys in Albania.</p> <p>2000 wreck survey search and discovery of M/V Zafir sunk in Policastro Gulf due to naval collision with M/V Espresso Catania.  <a href="http://www.garbamar.it/it/sinistri/28%20-%20Espresso%20Catania%20-%20Zafir%2013%2002%202000.pdf">http://www.garbamar.it/it/sinistri/28%20-%20Espresso%20Catania%20-%20Zafir%2013%2002%202000.pdf</a>  <a href="http://archivio.agi.it/articolo/a61f9420370012d3eae82bc99124ffa0_20000224_collis_ione-navi-nave-oceanografica-cerca-relitto-zafir/">http://archivio.agi.it/articolo/a61f9420370012d3eae82bc99124ffa0_20000224_collis_ione-navi-nave-oceanografica-cerca-relitto-zafir/</a></p> <p>2003 he was a Hydrographic / Cartographic Team Leader on board a IT Landing Ship San Giusto during UN "Iraqi Freedom" mission performing hydrographic survey in the Khawr Abd Allah Iraqi Channel/ Umm Qasr Port and land</p>
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	<p>cartographic production and terrestrial mapping for the Italian Defence Troops and Diplomatic Personnel in the Nasyiria Region and all over Iraq.</p> <p>2005 Surveys, search &amp; recovery of the TUNINTAIR ATR72 Aircraft (TB-TSS) crushed and sunk at 1450 m. in the gulf of Palermo, he operated as hydrographer and executive officer on board the Italian Survey Vessel Magnaghi, and after as a hydrographer on board Minerva Uno (ex R/V Universitatis) and as Italian Government hydrographic expert and responsible on board of EDT Supply Vessel ARES for body/wreck recovery R.O.V. operation performed by Phoenix Corporation Inc. (USA).</p> <p>1996 to 2012 Hydrographic Survey and Search of IT Battleship "ROMA", sunk in the Asinara Gulf off North Sardinia on September 9<sup>th</sup>, 1943 performed by Italian Navy (1996 IT HSV Mirto, 2000 - 2003 IT HSV Magnaghi, 2007 IT Ships Anteo Magnaghi Aretusa)</p> <p>June 28<sup>th</sup>, 2012 as Italian Survey expert and IT Navy Delegate for survey search and certification of famous IT Battleship "ROMA", thanks to the invite and courtesy of the Engineer Guido Gay, who located the wreck down to 1200 m. on the bottom of the sea on June 11<sup>th</sup>, 2013, with his original S/Y Catamaran Daedalus and the R.O.V. Pluto Palla, appropriately designed for this special research.  <a href="http://www.azionemare.org/?page_id=167">http://www.azionemare.org/?page_id=167</a>  <a href="http://www.marina.difesa.it/conosciamoci/editoria/notiziario/Documents/2012/08_a_go/agosto_news.pdf">http://www.marina.difesa.it/conosciamoci/editoria/notiziario/Documents/2012/08_a_go/agosto_news.pdf</a>  <a href="http://www.corazzataroma.info/upload/UserFiles/i_caduti_della_Regia-Nave-Roma_e_il_lazio_meridionale.pdf">http://www.corazzataroma.info/upload/UserFiles/i_caduti_della_Regia-Nave-Roma_e_il_lazio_meridionale.pdf</a></p> <p>June 2013 as Italian Survey expert and National Authority Delegate for survey search and discovery of LET L-410 aircraft (YV-2081) and BN2 Islander aircraft (YV-2615) located by the crew of C &amp; C's Research Vessel SEA SCOUT in Los Roques Archipelago of Venezuela; the first one was lost south of the Archipelago on January 4, 2008, and second was lost north of the island on January 4, 2013. R/V SEA SCOUT, is equipped with an Autonomous Underwater Vehicle (AUV). The AUV's sensor suite includes a Dual Frequency Chirp Side Scan Sonar, Chirp Subbottom Profiler, Multibeam Bathymetry and Imagery System, and a Camera Mosaicking System.  <a href="http://www.cctechol.com/news/C--C-Technologies-Team-Locates-Two-Missing-Aircraft-Near-Los-Roques-Venezuela">http://www.cctechol.com/news/C--C-Technologies-Team-Locates-Two-Missing-Aircraft-Near-Los-Roques-Venezuela</a></p> <p>June 2014 as Italian Survey expert and National Authority Delegate for AUV/ROV survey and site definition of famous wreck IT Battleship "ROMA", discovered in 2012 by Engineer Guido Gay, also invited in cooperation with Mrs. Maria Pia Pezzali (journalist/researcher specialized in wreck discovery) to the Project, made possible by the interest of Microsoft co-founder and philanthropist Paul Allen and the support of the VULCAN Inc (USA) M/Y Octopus. The goals achieved were map and document with high accuracy all part of the wreck site and finding new parts already undiscovered as the missing stern and the recognition airplane.  <a href="http://www.bluewater.uk.com/news.htm">http://www.bluewater.uk.com/news.htm</a>  <a href="http://www.2kozak.com/Roma%20Article%20August%202014%20ON&amp;T.pdf">http://www.2kozak.com/Roma%20Article%20August%202014%20ON&amp;T.pdf</a></p> <p>He worked in lots of national and IHO Working Groups (e.g. S-44 WG, Manual on Hydrography, Antarctica Hydrographic Committee WG) and gave its contribute to completion of t; he was Co-Authors of the 1st Edition of the Manual on Hydrography (IHO C-13).  <a href="https://www.iho.int/iho_pubs/CB/C-13/english/C-13_Chapter_1_and_contents.pdf">https://www.iho.int/iho_pubs/CB/C-13/english/C-13_Chapter_1_and_contents.pdf</a>          Italian Hydrographic Expert in maritime boundary delimitation:  <a href="https://www.iho.int/mtg_docs/com_wg/ABLOS/ABLOS_Misc/ABLOS_expertslist.pdf">https://www.iho.int/mtg_docs/com_wg/ABLOS/ABLOS_Misc/ABLOS_expertslist.pdf</a></p> <p>Teacher / Instructor in the subject of Hydrography and Bathymetry at the IT Navy Hydrographic Institute of several courses recognized Category A and Category B by IHO/FIG/ICA Advisory Board.</p>
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Designate as IHO Delegate for Technical Visits to Albanian and Malta Hydrographic Office in 2008.

[https://www.iho.int/mtg\\_docs/CB/Assessment\\_Reports.htm](https://www.iho.int/mtg_docs/CB/Assessment_Reports.htm)

He represent the IT Navy Hydrographic Institute as Technical Expert in several Project in the hydrographic and oceanographic field of involving several other national and international organization:

- JECMaP (SHOM, ISPRA, Regione LAZIO);
- Italian/Tunisian Cartographic Project (production of 2 INT Charts) inside Hydrographic Commission between Italy/Tunisia;
- Project to develop the Hydrographic Service of Lebanese Navy inside Hydrographic Commission between Italy/Lebanon;
- Hydrographic Commission between Italy/Israel;
- Hydrographic Commission between Italy/Albania;
- Agreement from IT Navy Hydrographic Office and ISMAR CNR, PCM DPC (MAGIC Project), ISPRA, INGV;
- Member of Italian Oceanographic Committee (COI) - 2013;
- Member of Committee for Italian Digital Agency (AgID) - 2013;

Among the many medals and decorations he was awarded in the course of his career, he received:

- the Commemorative Medal for the 11th Italian Expedition to Antarctica;
- the Commemorative Medals for humanitarian support to Iraq population
- the Order of Merit of the Italian Republic (Knight).

<b>Language Skills</b>	<u>Spoken</u>	<u>Listening</u>	<u>Read</u>	<u>Translate to</u>	<u>Learnt</u>
	Good	Good	Good	Italian	English
	Good	Good	Good	Italian	Brazil
	Basic	Basic	Basic	Italian	Spanish
	Basic	Basic	Basic	Italian	French

<b>Language Courses</b>	1997	University of Edimbourg – Scotland Full immersion English language course
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<b>Computers Skills</b>	<u>SW and O.S. name + version</u>	<u>Used for</u>
	DOS	General usage
	Windows 95, NT, 2000, XP	General usage
	Microsoft Office SW packages: Word, Excel, Power Point, Access	General usage
	MicroStation	Cartography, mapping, general
	AutoCad	Basic mapping
	ArcView 3.2 GLOBALMAPPER	Cartography, mapping, general
	Klein Sonar Pro Sonar Wiz	Side Scan Sonar Data Acquisition and Replay
	DKart Navigator and Editor	ECDIS - Nautical Chart Navigation and Cartography
	QUBIT	Navigation and SB Data Acquisition
	PANGEA HSMA PANGEA HSMP PANGEA MBM	Navigation and SB Data Acquisition SB Data Post-Processing MB Data Post-Processing
	CARIS HIPS&SIPS CARIS BATHY DB/BASE EDITOR	SB/MB Data Post-Processing/Managing SSS Data Mosaic and Post-Processing
	RESON PDS 2000	Navigation Acquisition MultiBeam Acquisition and Data Post-Processing
	GEMAR	Tide Data Post processing
	Trimble Geomatic Office Trimble Total Control	GPS and Total Station geodetic and topographic data download, processing and management
	VERTO 1 and VERTO 3	Geodetic datum and coordinates transformation

<u>Equipment Skills</u>	<u>From - To</u>	<u>Type + Firm</u>	<u>Model</u>	<u>Use</u>
	1993 - present	CTD/SV Probe SEABIRD Eletronics IDRONAUT Applied Microsystem	SBE 19 Idronaut OS 316 SV PLUS	Sound velocity profile and chemical and physical water analyses
	1993 - present	XBT-XCTD Probe	Sippican MK12 – MK21	Sound velocity profile
	1996 – present 1998 - present	SSS KB Mesotech SSS KLEIN	MS 992 3000-3900	General geophysical - geomorfological surveys.
	1993 – present  2000 - present	SB Echosounder ELAC ATLAS KRUPP KB SIMRAD  RESON INNOMAR	LAZ 4700 Deso 20 Deso 25 EA 400, EA 500, EA 600 NAVISOUND 210 SES - 2000	General geophysical – geomorfological surveys.
	1998 – present  2001 - present	MB Echosounder L3 COMM-ELAC  KB SIMRAD  RESON	SeaBeam 1050 - MK III BC EM300, EM 2000, EM 3000 EM 1002 EM 2040 8101, 8160	General geophysical – geomorfological surveys: harbour, littoral, coastal and off-shore.
	1993 - present	Grab sampling	Van Veen	Sea bottom sampling
	1993 – present 2006 - present	OTT OTT	Orpheus Pressure Kalestro Radar	Tide gauge
	1999 - present	Gravity Corer	Sphincter	Sea bottom sampling
	1993 - present	Motorola	Miniranger III Falcon IV	Vessel positioning
	1993 - present	SERCEL	Syledis	Vessel positioning
	1993 - present	RACAL	Microfix	Vessel positioning
	1993 - present	TRIMBLE GPS  FUGRO DGPS  CSI Wireless SEATEX	4000, 5700, MS 750 XRS pro 3000. 3100, 3510, 3200 DGPS MAX SEA PATH 200	Geo-topographic survey and vessel positioning
	1993 – present  2002 - present	WILD and Geometrics  LEICA TRIMBLE TRIMBLE	Wild T1,T2 e T3 AGA 210, AGA 220 AGA 140, AGA 540 AGA 3000 Total Station Total Station Level DiNi	Geo-topographic survey
	2006 - present	SBP Echosounder SBP INNOMAR	SES - 2000	Wellsite, pipeline, cable and general geophysical surveys.

<b>Specialisation / Other Courses</b>	1992	CORSO BASICO ANTINCENDIO E ANTIFALLA – Italian NAVY Training Center in Taranto– ITALY
	1996	BASIC SURVIVAL for ANTARTICA - ENEA Training Center Brasimone (BO) – ITALY
	1999	CORSO PRATICO SERVIZIO SICUREZZA AVANZATO– Italian NAVY Training Center in Taranto– ITALY
	2001	Genoa - Workshop on subject: “Certificazione e mantenimento del sistema di qualità aziendale in conformità alla norma ISO 9001/2000”
	2002	Genoa – Civiltascoladife Workshop on subject: “Corso di formazione ed informazione di antinfortunistica”
	2008	CARIS HIPS & SIPS TRAINING COURSE – CARIS B.V. – Genoa – ITALY
	2008	TRIMBLE DINI DIGITAL LEVEL COURSE – ASSOGEIO (TRIMBLE ITALIA) – Concorezzo (MI) – ITALY
	2008	CARIS Base Editor, S-57 Composer and Notebook Workshop/Basic Course – CARIS B.V. – Heeswijk – The Netherlands
<b>Publications</b>	2001	L. Lamberti, and others: “Nautical Cartography in the Ross Sea - Antartica”, Poster Session 2 <sup>nd</sup> International Conference on the Oceanography of the Ross Sea, Ischia – Naples, 8 – 13 October 2001
	2002	L. Lamberti, and others: “Italian Hydrographic and Cartographic Project in the Ross Sea - Antartica”, Poster Session XVI International Hydrographic Conference, Monaco– Montecarlo, 12 – 20 April 2002
	2002	L. Lamberti, and others: “Progetto italiano per l’Idrografia e la Cartografia nautica nel Mare di Ross – ANTARTIDE”, Poster Session 6 <sup>th</sup> National Conference on Geomatics, Perugia, 5 – 8 November 2002
	2003	L. Lamberti, and others: “Inquadramento territoriale del bacino del lago Verbano e batimetria del Golfo di Pallanza: risultati di campagne geodetiche e multibeam.”,Conference Session 7 <sup>th</sup> National Conference on Geomatics, Verona, 28 – 31 October 2003
	2003	L. Lamberti, and others: “Idrografia e Cartografia nautica in Albania”, Conference Session 7 <sup>th</sup> National Conference on Geomatics, Verona, 28 – 31 October 2003
	2003	L. Lamberti: Italian courtesy translation of IHO/S–44 4 <sup>th</sup> Edition April 1998 “Minimum Standard for Hydrographic Surveys” International Hydrographic Bureau – Monaco Montecarlo
	2005	L. Lamberti, and others: IHO/M–13 1 <sup>st</sup> Edition May 2005 “Manual On Hydrography” International Hydrographic Bureau – Monaco Montecarlo,
<b>Other Information</b>	2008	Leisure Boat Licence (Shipping Licence) released by Military Port Authority in Genoa.  <i>I allow the handling of my personal information, according to the Italian D.Lgs. 196/2003.</i>
<b>References</b>		Available upon request