



REPUBLIC OF CYPRUS

**NATIONAL REPORT OF CYPRUS
TO THE
MEDITERRANEAN AND BLACK SEAS HYDROGRAPHIC
COMMISSION (MBSHC)**

ISTANBUL MEETING 25-27 SEPTEMBER 2013

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Hydrographic Office / Service:	
<p>CYPRUS NATIONAL HYDROGRAPHIC COMMITTEE (CNHC)</p> <p>Department of Lands and Surveys Michalakopoulou street 1455 Nicosia CYPRUS</p>	<p>The Council of Ministers of the Republic of Cyprus with its decision number 513/7 established Cyprus National Hydrographic Committee (CNHC) which will deal with all hydrographic matters in the country. The CNHC is formed by the Departments of Lands and Surveys, Public Works, Geological Survey, Fisheries and Marine Research, Merchant Shipping and the Cyprus Ports Authority.</p> <p>The CNHC is under the coordination of the Department of Lands and Surveys.</p>
Surveys:	
Coverage of new surveys.	<p>A new survey for several parts of the southern coast of Cyprus was held during 2012. The coordinator of the project was the Department of Fisheries and Marine Research and the main target of the project was posidonia survey. One of the deliverables was bathymetric survey for all areas with MBES technology from 5-50 m depth. In Annex 1 the surveyed areas are shown. The order of the survey was 1b and the technical specifications were prepared by the UKHO in cooperation with the Department of Lands and Surveys.</p> <p>The Department of Lands and Surveys is planning to commence a bathymetric survey next year using LiDAR technology. The order of the survey is 1b and the technical specifications are prepared by UKHO in cooperation with Department of Lands and Surveys. The basic aim is to cover all waters of the south coast from the coastline to 40-50m depth (see Annex 2). It is part of an INTERREG program which basic aim is maritime spatial planning.</p>
New technologies and /or equipment	None
New ships	None
Problems encountered	None
<u>New charts & updates:</u>	
ENCs	No new ENCs have been produced beyond the ones produced by the UK Hydrographic Office.
ENC Distribution method	UK Office Distribution
RNCs	None
INT charts	No new INTs
National paper charts	<p>Chart DLS 1001 has been produced and it is in only for intergovernmental use because there is no NM infrastructure.</p> <p>Co production of UKHO chart 850 with UKHO is in the first</p>

		stages.
	Other charts, e.g. for pleasure craft	Various coastal maps were prepared for use by government departments, members of the CNHC. These include maps show Maritime Zones, maps for prevention of coastal erosion, maps for coastal management etc.
	Problems encountered	Lack of NMs infrastructure
New publications & updates:		
	New Publications	None
	Updated publications	None
	Means of delivery, e.g. paper, digital	N/A
	Problems encountered	N/A
MSI		
	Existing infrastructure for transmission	Local coastal and port data are transmitted by the Cyprus Telecommunication Authorities (Kypros Radio). This service is run under the auspices of the Department of Merchant Shipping.
S-55		
	Latest update (Tables)	Latest data were supplied.
Capacity Building		
	Offer of and/or demand for Capacity Building	None
	Training received, needed, offered	None
Oceanographic activities		
	General	Oceanographic Activities are carried out by the Department of Fisheries and Marine Research and the Cyprus Oceanography Centre of the University of Cyprus. The data are shared amongst the members of the CNHC.
	GEBCO/IBC's activities	None
	Tide gauge network	There four tide gauges collecting data. There are located at the port of Pafos, fishing shelter of Zygi, at the marina of Larnaka and at the fishing shelter of Protaras (see Annex 3). They are operated by the Cyprus Oceanography Center of the University of Cyprus.
	New equipment	N/A
	Problems encountered	N/A
Other activities		
	Participation in IHO Working Groups	N/A
	Meteorological data collection	Data are collected by the Cyprus Meteorological Service. Although the Meteorological Service is not part of the CNHC the data will be available as and when required.
	Geospatial studies	Presently a National Land and Hydrographic Data Base is been prepared. The Database contains in various layers, land, air, hydrographic and Law of the Sea data. Access to the National Hydrographic Data base have all

		members of the CNHC. The Department of Lands and Surveys is participating to an INTERREG program which main objective is maritime spatial planning.
	Disaster prevention	The Department of Merchant Shipping, the Department of Fisheries and Marine Research and the Cyprus Oceanography Centre are partners in the CYCOFOS and MEDSLIK program. CYCOFOS is an ocean monitoring platform for the eastern Mediterranean Sea and MEDSLIK is oil spill and floating object trajectory prediction platform.
	Environmental protection	There is cooperation between the CNHC and the Ministry of Agriculture and the Environment for supplying maps and data under the United Nations Environment Program for the creation of an Integrated Coastal Zone Management System.
	Astronomical observations	None
	Magnetic/Gravity surveys	None
	Other activities	None
	Conclusions	
	<p>The establishment of the National Hydrographic Committee will be the platform for further development and expansion of hydrographic activities in Cyprus and will gradually lead to the creation of a full Hydrographic Service in the country. The benefits of the CNHC are already obvious. There is better coordination of activities and duplication of effort has been prevented. Furthermore the CNHC has added value to new hydrographic projects.</p> <p>The Department of Lands and Surveys (DLS) which has the coordination of the Committee's activities, has already started work in preparing a National Database which will be used mainly for charting and will be used by several other government departments for spatial planning and various other applications.</p>	





