

## South East Pacific Hydrographic Commission (SEPHC)

### Report to IRCC-7

#### Submitted by SEPHC Chairman

**1. Chairman:** Rear Admiral Rodolfo SABLICH Hydrographer of Peru

**2. Membership:** Chile – Colombia – Ecuador - Peru.  
**Observers:** IHO Representative – Panamá

**3. Meetings:**

Last Meeting: SEPHC11 was held in Lima, Peru 17 – 19, June 2013.

Next Meeting: SEPHC12 to be held in Guayaquil, Ecuador.

**4. Status of achievement of IRCC5 List of Actions and Tasks:**

No.	LIST OF ACTIONS	RESP.	COMMENTS
IRCC6/01	Encourage the approval of pending applications for IHO membership.	RHCs	Chile, Colombia and Peru have successfully completed this procedure. Ecuador has done all the necessary proceedings and is waiting for a reply from Chancellor's office.
IRCC6/02	Continue to engage pending applicants in their region to encourage the ratification of the IHO Convention	RHCs	Chile and Peru have finished this proceeding. Ecuador informed that is waiting for a reply from Chancellor's office and Colombia is pending on notification.
IRCC6/03	Consider the participation of stakeholders at the RHC	RHCs	The State Members of this SEPHC have considered permanently this recommendation. The participation of stakeholders is considered in our next RHC meeting which will be held in Guayaquil, Ecuador.
IRCC6/05	Provide the IRCC Chair with progress reports on the relevant tasks in the IHO 2014 Work Programme (10)	RHCs	Accomplished. It was sent by e-mail dated March 3 <sup>rd</sup> , 2015 to IRCC Secretary.
IRCC6/07	Provide the IRCC Chair the estimated values of SPIs and	RHCs	Accomplished. It was sent by e-mail dated March 3 <sup>rd</sup> ,

	agreed WPIs as of 31 December 2014 and target values for 31 December 2017, complemented by the comments on the difficulties encountered and suggestions for a way forward.		2015 to IRCC Secretary.
IRCC6/08	Invite GEBCO Guiding Committee / Bathymetric Regional Project Chairs to attend corresponding RHCs meetings, aiming at strengthening collaboration with a priority on improving high resolution shallow water bathymetry at the regional level (6)	RHCs	SEPHC Chairmanship has invited GEBCO authorities to the XI <sup>th</sup> SEPHC meeting.
IRCC6/09	Encourage MSs and representatives of industry and academia to promote and to work together to ensure that the best possible use is made of Satellite Derived Bathymetry (11)	RHCs	On this moment, Chile, Ecuador and Peru have not in their Working Plan the use of Satellite Derived Bathymetry In our region.
IRCC6/15	Provide material to the IHB to promote the achievements of IRCC bodies including CBSC, GEBCO	RHCs	SEPHC's Member States recognize that their knowledge about river carto-hydrographic surveys as well as S-100 and some others subjects of interest for this region has increased thanks to the support of CBSC Fund. These workshops have contributed to interchange experiences and to unify concepts respect to these subjects.
IRCC6/28	Encourage National Hydrographers to invest in English language training in order to increase the chances of their candidates being selected to Cat A and Cat B training courses delivered in English	RHCs	The Syllabus of the Hydrography course for Officers in this region has included the English course.

	<b>IRCC TASKS</b>	
IRCC6 08/2014	Contribute to the development of C-55	Chile points out that its updating work is now in progress. The tentative final date would be at middle of 2015. Peru points out that the status of Hydrographic surveys of all coastal waters

		<p>has been finished in a 97%. The areas without surveying do not offer any risk to navigation and have depths &gt;1000 meters, we think to finish in 2017.</p> <p>Likewise, this DHN has compiled the 99% of the ENCs coverage. It is always observing the Standard S-57.</p> <p>Ecuador indicates that this year will finish the updating of the C-55 publication.</p>
IRCC6 09/2014	Contribute to improving the framework of IHO response to marine disasters.	<p>To support the IHO in tsunami matter is considered as a permanent task by the SEPHC members. Chile has shared its Tsunami Warning System experiences during HSSC6 meeting.</p> <p>Ecuador has modernized its Oceanic Monitoring Centre and has two Dart Tsunamis buoys in front of the coasts of Esmeralda and Manta and counts with seven stations with pressure sensors with real time transmission.</p> <p>Peru has implemented an evacuation Model for La Punta – Callao to develop practical technologies to mitigate the risk against tsunamis in our country. Also, this Directorate has increased the number of the tidal network from 10 to 18 to share information at a regional level.</p>
IRCC6 10/2014	Contribute to monitoring and improving the global status of hydrographic surveying	Continuous efforts in training and equipment concerning to monitoring and improving of the global status of hydrographic surveying have been carrying out by SEPHC members.

## 5. Other main items under consideration

### 5.1. INT Chart Scheme

There has been no progress in the production during the last year of the INT Chart scheme.

### 5.2. ENC Scheme

The table below shows the current situation, updated to April 29, 2015.

Country	Cells produced and delivered	Cells produced yet not delivered	Cells to be produced	Total cells
Chile	207	7	28	242
Colombia	39	19	14	72
Ecuador	53	7	4	64
Peru	123	13	4	140

Total	422	46	50	518
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5.3. SEPH Coordination Working Groups

All Coordination Working Groups of the Commission (HSSC, IRCC, CBSC and WEND) have been working by e-mail in good terms. Objectives have been partially reached.

**6. Conclusions**

Thanks to the support of CBSC, SEPHC Members States are identifying common areas concerning hydrography and cartography. This will lead to work on a common technical language in our region which will enhance the opportunities for information exchange and to have common tools.

On the other hand, we can note the IRCC keeps on in a constant reviewing of our commitments and objectives. At the same time, we are aware of the development of their work. So, SEPHC expects to achieve the IHO objectives according to our own capabilities.