



**PART 2**  
**SUBMISSION MODEL**

**IDENTIFICATION**

**Project Number :** (to be filled by CBSC)

<b>Project Name:</b>	E-learning development on basic hydrographic training.
<b>Submitting RHC/ (priority):</b>	EAtHC
<b>Date of Submission:</b>	April 4 <sup>th</sup> 2016
<b>Institution executing the project:</b>	EAtHC CB Coordinator
<b>Name of responsible:</b>	Lt. Cdr. Eric Langlois
<b>Address:</b>	Service Hydrographique et Océanographique de la Marine (SHOM) CS 92803 – 29228 Brest Cedex 2
<b>Telephone:</b>	+33 (0)1 5366 9781
<b>Fax:</b>	+33 (0)1 4174 9425
<b>e-mail:</b>	<a href="mailto:dmi-rex-d@shom.fr">dmi-rex-d@shom.fr</a> / <a href="mailto:eric.langlois@shom.fr">eric.langlois@shom.fr</a>

**GENERAL SPECIFICATIONS**

(Please provide detailed information in Annex of no more than three pages)

<b>Background information</b>	An e-learning course is not just the digital dissemination of a ‘face-to-face’ course on the Internet. It is another way of providing education that takes advantage of the various possibilities of information and communication technologies.
<b>Justification of the project</b>	<p>Education is a key component of Hydrographic capacity development, according to the IHO CB strategy. Nowadays, training in hydrography faces several challenges such as the lack of resources and the growing demand from coastal States worldwide, more particularly in Africa.</p> <p>Last year, CBSC agreed to fund an e-learning project with the development of a MOOC based on SMAN’s 3 days MSI course to be used for the MSI courses within the EAHC and for other RHCs.</p> <p>This submission is to be considered as the follow-up of that 2016 CBWP Project (P-06), as this very same project was part of the P-06 initial submission that was finally narrowed to the MSI domain.</p>
<b>Countries involved</b>	France
<b>Explanation of the problem</b>	<p>An academic ‘face-to-face’ course usually generates high logistics costs due to the transportation and accommodation of trainers and trainees. However, a ‘blended e-learning’ approach combining distance learning guided sessions with on-site practical training sessions could improve the access to those pedagogic content material, rationalize the course content and reduce significantly the logistic costs.</p> <p>As an example, a ‘face-to-face’ three days MSI course is usually funded at around 20 000€ (15 trainees and 2 trainers) by the IHO CB fund. With the use of the MSI MOOC, the cost for 20 trainees is down to 1200-1500€ per session.</p> <p>Although EAHC African coastal States are mostly non-IHO member, which prevent them from accessing IHO capacity building projects, those ‘introductory’ practical courses opportunities are still available to them through IHO-IMO capacity building programmes. This initiative could then extend the e-learning’s cost-efficiency effect to those programmes.</p>

	Besides, feedbacks from the 2013 EAHC CB questionnaire outlined that African coastal States experience a lack of such field operators to support their Cat.A/B certified hydrographic surveyors. And when it comes to train those field operators, existing certified courses are definitely unsuitable with regards to the basic competences expected from these personnel.
<b>General objective</b>	This initiative aims at developing another distance learning resource of a 'field operator in hydrography' course.
<b>Specific objectives</b>	The 'Field operator in hydrography' course is an affordable prerequisite for potential on-the-field operator able to assist certified FIG-IHO-ICA personnel. This project will first aim at developing the distance learning resources from the existing educational material related to that course. In a second 'train for trainers' phase will be scheduled to train a pool of tutors (including local ones) who will ensure the guided and practical sessions.
<b>Outputs/Products</b>	A distance learning module, in French/English language, of the 'Field operator in hydrography' course.
<b>Other deliverables</b>	/
<b>Achievements and awaited benefits</b>	<ul style="list-style-type: none"> <li>➤ Accommodation fees and the on-site training cost are reduced of 50 % since trainees and trainers spend half time less on site;</li> <li>➤ The course is spread on several weeks to enable the trainee to assimilate the theoretical concepts;</li> <li>➤ Only trainees who passed successfully the distance-learning part will access to the practical onsite session.</li> <li>➤ A course available for any local entity (ports, hydrographic offices ...) implied in hydrographic matters to help them to develop capacities and maintain their skills.</li> </ul>
<b>Schedule of activities</b>	First semester 2017: development of e-learning material Second semester 2017: Test and reporting

<b>Past and/or current related projects supported by CBSC or other sources</b>	2016 MSI e-learning experimentation (P-06)
--	--

## **RESOURCES**

<b>Contribution by countries involved</b>	0 €.
<b>Contribution from other sources</b>	/
<b>Contribution requested from CB Fund</b>	60 000€ EUR
<b>Total Cost (euros)</b>	60 000€ EUR
<b>Breakdown of costs</b>	<ul style="list-style-type: none"> <li>➤ 20 000€ EUR (EN/FR e-learning resources development)</li> <li>➤ 40 000€ (2 onsite ‘train for trainers’ sessions in Accra and Abidjan)</li> </ul>
<b>a) From CB Fund (item and amount)</b>	60 000€ EUR
<b>b) From other parties (item and amount)</b>	/

**PROJECT SUMMARY**

<b>Sponsor RHC</b>	<b>Year of Execution</b>	<b>Country/ Countries involved</b>	<b>Priority/Status</b>	<b>Project Name</b>	<b>Project Objective</b>	<b>Benefits</b>	<b>Assistance required</b>	<b>Cost</b>	<b>Allocation and Priority (to be filled by CBSC)</b>	<b>Contact Person</b>
EAtHC	2017	France		E-learning development on basic hydrographic training	Developing a blended e-learning course for 'field operator in hydrography.	Various benefits for IHO funded courses: cost reduction, increased access, follow-up on students, improved candidate selection.	Funds	60 000€		Eric Langlois

**Name and Signature of the RHC Chairman .....**