



PROJECT SUBMISSION MODEL

IDENTIFICATION

Project Number :

Project Name:	ENC Production and QA (5 days)
Submitting RHC/Country:	MACHC (as part of the approved MACHC CB Plan)
Date:	2018
Institution executing the project:	UKHO delivering
Name of responsible:	Jeff Bryant, NIOHC CB Coordinator
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GENERAL SPECIFICATIONS

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

Background information	<p>The IMO mandating of ECDIS on SOLAS vessels scheduled for full implementation by 2018 requires all International Hydrographic Organization (IHO) member states to provide official chart data produced to the IHO S-57 transfer standard so that vessels can meet carriage requirements (IHO S-66).</p> <p>It is accepted that some member states are reliant on others to produce their electronic coverage, but an understanding of ENC production and QA would be beneficial to these MS.</p>
Justification of the project	<p>There are several MACHC member states who are commencing ENC production and this course will be very useful in quality assuring their output.</p>

Countries involved	Brazil, Colombia, Cuba, Guatemala, Jamaica, Mexico, Suriname, Trinidad & Tobago and Venezuela
Exposition of the problem	As above
General objective	The course programme aims to provide the delegates with an understanding of how ENCs are produced in accordance with IHO S-65 but more importantly how they are quality assured using validation tools which meet the IHO S-58 standard
Specific objectives	To train a group of professionals to verify and validate S-57 data
Outputs/Products	Delivery of a ENC Production and QA training course (5 days)
Other deliverables	Nil
Achievements and awaited benefits	Improved knowledge of Validation & Verification and greater confidence in ENC QA

Schedule of activities	This course is due to be delivered in the second half of 2019 so planning will need to commence in early 2019
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RESOURCES

Contribution by countries involved											
Contribution by other parties	UKHO will provide x1 training staff and all training materials at no cost (except travel and subsistence)										
Contribution expected from CBCFund	€ 25,310										
Total Cost (euros)	€ 25,310										
Breakdown of costs	<table> <tr> <td>Per diems x9 @ €341</td><td>€ 18,414</td></tr> <tr> <td>Flights x8 (for students)</td><td>€5,600</td></tr> <tr> <td>Flight (for instructor)</td><td>€900</td></tr> <tr> <td>Taxis etc</td><td>€ 396</td></tr> <tr> <td>TOTAL</td><td>€25,310</td></tr> </table>	Per diems x9 @ €341	€ 18,414	Flights x8 (for students)	€5,600	Flight (for instructor)	€900	Taxis etc	€ 396	TOTAL	€25,310
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From CBC Fund (item and amount)	€ 25,310										

PROJECT SUMMARY

Sponsor RHC	Year of Execution	Country/ Countries involved	Priority/ Status	Project Name	Project Objective	Benefits	Assistance required	Cost	Allocation and Priority (to be filled by CBC)	Contact Person

Name and Signature of the RHC Chairman