



## CAPACITY BUILDING SUB-COMMITTEE

## PROCEDURE 1

## Part 2

## SUBMISSION MODEL

**IDENTIFICATION**

<b>Project Number</b>	(to be filled by CBSC)
<b>Project Name</b>	MBES Processing (5 days)
<b>Submitting RHC/ (priority)</b>	MACHC (as part of the approved MACHC CB Plan)
<b>Date of Submission</b>	2019
<b>Institution executing the project</b>	UKHO Organizing
<b>Name of responsible</b>	Lucy Fieldhouse, MACHC CB Coordinator
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**GENERAL SPECIFICATIONS**

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

<b>Background information</b>	The proliferation of MBES systems has brought new challenges to hydrographic offices with the massive increase in data and the use of specially designed software applications to process the data
<b>Justification of the project</b>	Hydrographic survey data needs to be properly manipulated and managed before it is data based and used in chart products. It is essential that this process is understood and delivered correctly
<b>Countries involved</b>	As this is a Phase 2 activity only IHO Member States will be invited to participate: - Brazil, Colombia, Cuba, Dominican Republic, France, Guatemala, Jamaica, Mexico, Netherlands, Suriname, Trinidad and Tobago, United Kingdom, United States of America, Venezuela.
<b>Explanation of the problem</b>	As above
<b>General objective</b>	The course programme aims to provide the delegates with an understanding of the whole data gathering process using a MBES with a particular focus on the post processing element
<b>Specific objectives</b>	To train a group of hydrographic surveyors the techniques required to post process MBES data
<b>Outputs/Products</b>	Delivery of an MBES Processing 5 day course

<b>Other deliverables</b>	N/A
<b>Achievements and awaited benefits</b>	Improved knowledge of the processing element of MBES data and greater confidence in its use.
<b>Schedule of activities</b>	
<b>Past and/or current related projects supported by CBSC or other sources</b>	

## **RESOURCES**

<b>Contribution by countries involved</b>	
<b>Contribution from other sources</b>	UKHO will provide x2 training staff and all training materials at not cost (except travel and subsistence)
<b>Contribution requested from CBFund</b>	27,600 Euros
<b>Total Cost (euros)</b>	27,600 Euros
<b>Breakdown of costs</b>	<p>Trainees x 10</p> <p>Flights            10 persons x        € 800        € 8,000</p> <p>Hotel, all meals   10 persons x 6 nights</p> <p>                             = 60 nights x        € 250        € 15,000</p> <p>Trainers x 2</p> <p>Flights            2 x                € 800        € 1,600</p> <p>Hotel, all meals   2 persons x 6 nights</p> <p>                             = 12 nights x        € 250        € 3,000</p> <p style="text-align: right;">Total   € 27,600</p>
<b>a) From CBFund (item and amount)</b>	
<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>
MACH C	2020	Member states - Brazil, Colombia, Cuba, Dominica n Republic, France, Guatemala , Jamaica, Mexico, Netherlan ds, Suriname, Trinidad and Tobago, United Kingdom, United States of	4	MBES Processing	The course programme aims to provide the delegates with an understanding of the whole data gathering process using a MBES with a particular focus on the post processing element	Improved knowledge of the processing element of MBES data and greater confidence in its use.		€ 27,600		

		America, Venezuela								

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

Kathryn L. Ries

Chair, MesoAmerican and Caribbean Sea Hydrographic Commission

