

PROJECT SUMMARY SHEET and MACHC Prioritization 2016

Sponsor RHC	Year of Execution	Country/ Countries involved	Priority/ Status	Project Name (Reference)	Project Objective	Benefits	Assistance required	Cost (Euro)	Allocation and Priority (to be filled by CBC)	Contact Person
MACHC	2017	Initially Bahamas, Belize, Costa Rica, Dominican Republic, El Salvador, Guyana, Haiti, Honduras, Nicaragua, and Panama have been identified in the MACHC CB Plan	Priority 1	MSI Course	To establish capacity in MSI so that Maritime Authorities can provide high quality services to comply with the basic requirements for safety of navigation in the area	Improving maritime safety and compliance with SOLAS	Travel & Subsistence for 2 trainers and 9 students (1 local)	€16,027		Jeff Bryant (MACHC CB Coordinator)
MACHC	2017	Bahamas, El Salvador, Honduras, Montserrat, Nicaragua, Turks & Caicos (plus four other nations yet to be determined)	Priority 2	Seminar on Raising Awareness of Hydrography (for MACHC Associate and Non Members)	To ensure that countries in the MACHC region are made aware that the provision of hydrographic services is an international obligation under treaty law affecting all Member States (MS) of the IMO and also provides significant national infrastructure and long-term economic benefits. The Seminar is	Participants will gain a better understanding of the regulatory framework which supports hydrography and how this can benefit a coastal state (Blue Economy etc)	The contribution from the CBSC fund will cover travel and subsistence for one representative from each of the 11 countries involved. The representatives will be expected to stay on for the 18th MACHC	€15,500		Jeff Bryant (MACHC CB Coordinator)

					configured to assist countries on how they take the necessary steps to meet their obligation noting that most MACHC countries are IMO MS but not IHO MS		meeting and be active participants			
MACHC	2016	Dominican Republic and El Salvador	Priority 3	Technical Implementation Visits to Dominican Republic and El Salvador	To assist and advise Dominican Republic and El Salvador to fully implement the recommendations in the IHO reports of the 2012 & 2010 technical and advisory visits.	Understanding of SOLAS obligations and ways in which to meet them. A robust MSI promulgation process. Improved charting of the region.	Travel & Subsistence for two experts	€8,400		Jeff Bryant (MACHC CB Coordinator)
MACHC	2016	Bahamas, Belize, Dominican Republic, El Salvador, Guyana, Honduras & Nicaragua	Priority 4	Basic Hydrographic Survey Course	To train survey operations personnel in accordance with Phase 2 of IHO's Capacity Building procedures	Improved understanding of survey requirements and the operation of basic equipment	Travel & Subsistence for 2 trainers and 8 students (1 local)	€26,507		Jeff Bryant (MACHC CB Coordinator)



PROJECT SUBMISSION MODEL

IDENTIFICATION

Project Number :

Project Name:	MSI (training on establishment of MSI structure and basic MSI procedures)
Submitting RHC/Country:	MACHC (as part of the approved MACHC CB Plan)
Date:	2017
Institution executing the project:	IHB/WWNWS
Name of responsible:	Mr Peter M Doherty
Address:	US NAVAREA Coordinator Maritime Safety Information Division NGA 4600 Sangamore Road Mail Stop D-44 Bethesda Maryland 20816-5003 United States of America
Telephone:	+1 (301) 227 7646
Fax:	+1 (301) 227 3731
e-mail:	Peter.M.Doherty@nga.mil

GENERAL SPECIFICATIONS

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

Background information	MSI awareness has been identified to be lacking in the region
<i>Justification of the project</i>	Regional requirement

<i>Countries involved</i>	Initially Bahamas, Belize, Costa Rica, Dominican Republic, El Salvador, Guyana, Haiti, Honduras, Nicaragua, and Panama have been identified in the MACHC CB Plan, but other nations will be invited to participate
Exposition of the problem	Majority of countries in the region have no MSI capability although personnel and structures are available
General objective	To establish capacity in MSI so that Maritime Authorities can provide high quality services to comply with the basic requirements for safety of navigation in the area
Specific objectives	Train personnel in accordance with Phase 1 of IHO's capacity building procedures
Outputs/Products	To establish a core group of trained persons to deal with MSI
Other deliverables	Supply of information to charting authorities to

	assist with chart maintenance
Achievements and awaited benefits	Improving maritime safety and compliance with SOLAS

Schedule of activities	3 day course
Past and/or current related projects supported by CBSC or other sources	

RESOURCES

Contribution by countries involved																																																																		
Contribution by other parties	Lecturers provided by WNWNS																																																																	
Contribution expected from CBCFund	Yes																																																																	
Total Cost (euros)	16,027 euros																																																																	
Breakdown of costs	<table style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">Trainees x 10 (1 local)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Flights</td> <td style="text-align: right;">9</td> <td>persons x</td> <td style="text-align: right;">€ 502</td> <td style="text-align: right;">€ 4,518</td> </tr> <tr> <td>Hotel, all meals</td> <td style="text-align: right;">9</td> <td>persons x 4 nights</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;">= 36</td> <td>nights x</td> <td style="text-align: right;">€ 200</td> <td style="text-align: right;">€ 7,200</td> </tr> <tr> <td>Transport</td> <td style="text-align: right;">9</td> <td>persons x</td> <td style="text-align: right;">€ 52</td> <td style="text-align: right;">€ 468</td> </tr> <tr> <td colspan="2" style="text-align: center;">Trainers x 2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Flights</td> <td style="text-align: right;">2</td> <td>x</td> <td style="text-align: right;">€ 750</td> <td style="text-align: right;">€ 1,500</td> </tr> <tr> <td>Hotel, all meals</td> <td style="text-align: right;">2</td> <td>persons x 4 nights</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: right;">= 8</td> <td>nights x</td> <td style="text-align: right;">€ 200</td> <td style="text-align: right;">€ 1,600</td> </tr> <tr> <td>Transport</td> <td style="text-align: right;">2</td> <td>persons x</td> <td style="text-align: right;">€ 52</td> <td style="text-align: right;">€ 104</td> </tr> <tr> <td colspan="5">Venue materials & hire costs</td> </tr> <tr> <td>For the week</td> <td></td> <td></td> <td></td> <td style="text-align: right;">€ 637</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">Total</td> <td style="text-align: right;">€ 16,027</td> </tr> </table> <p>Please note that the figures above have been rounded up/down to the nearest Euro and were taken from a more detailed spreadsheet..</p>	Trainees x 10 (1 local)					Flights	9	persons x	€ 502	€ 4,518	Hotel, all meals	9	persons x 4 nights				= 36	nights x	€ 200	€ 7,200	Transport	9	persons x	€ 52	€ 468	Trainers x 2					Flights	2	x	€ 750	€ 1,500	Hotel, all meals	2	persons x 4 nights				= 8	nights x	€ 200	€ 1,600	Transport	2	persons x	€ 52	€ 104	Venue materials & hire costs					For the week				€ 637				Total	€ 16,027
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From CBC Fund (item and amount)	16,027 euros
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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



PROJECT SUBMISSION MODEL

IDENTIFICATION

Project Number :

Project Name:	Basic Hydrographic Survey Course (10 days)
Submitting RHC/Country:	MACHC (as part of the approved MACHC CB Plan)
Date:	Mid to late 2017
Institution executing the project:	UKHO
Name of responsible:	J Bryant (Sponsor)
Address:	United Kingdom Hydrographic Office Admiralty Way Taunton TA1 2DN UK
Telephone:	+44 1823 337900 x 3821
Fax:	+44 1823 284077
e-mail:	jeff.bryant@ukho.gov.uk

GENERAL SPECIFICATIONS

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

Background information	There is extremely limited capacity within many MACHC nations to take responsibility for, or effectively contribute to the surveying or management of survey projects of their waters.
Justification of the project	Regional requirement

Countries involved	Bahamas, Belize, Dominican Republic, El Salvador, Guyana, Honduras & Nicaragua
Exposition of the problem	Individual MACHC nations cannot fund appropriate staff to undertake any recognized course
General objective	To establish capacity so that maritime authorities can provide high quality products and services to comply with the requirements for safety of navigation in the area
Specific objectives	To train survey operations personnel in accordance with Phase 2 of IHO's Capacity Building procedures
Outputs/Products	To train a group of professionals in the basics of hydrography to be capable of understanding basic hydrographic services
Other deliverables	Improve the supply of survey and related hydrographic information to regional charting authorities
Achievements and awaited	Improved understanding of survey requirements

benefits	and the operation of basic equipment
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Schedule of activities	10 day course (featuring 5 days in the classroom and 5 days practical)
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RESOURCES

Contribution by countries involved	Training facilities to be identified. UKHO will provide assistance in organizing and managing the training if required.																																																																																														
Contribution by other parties	Hopefully an IHO Member state will provide the trainers																																																																																														
Contribution expected from CBCFund	Yes																																																																																														
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From CBC Fund (item and amount)	€26,507
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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



PROJECT SUBMISSION MODEL

IDENTIFICATION

Project Number :

Project Name:	Seminar on Raising Awareness of Hydrography (for MACHC Associate and Non Members)
Submitting RHC/Country:	MACHC (as part of the approved MACHC CB Plan)
Date:	2017
Institution executing the project:	MACHC/UKHO
Name of responsible:	Jeff Bryant, MACHC CB Coordinator
Address:	UKHO, Taunton, Somerset TA1 2DN
Telephone:	+44 1823 337900 x3821
Fax:	+44 1823 284077
e-mail:	jeff.bryant@ukho.gov.uk

GENERAL SPECIFICATIONS

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

Background information	An awareness of hydrography is missing in many of the Meso-American and Caribbean coastal states. This is evidenced by the lack of engagement with the RHC where few, if any, of the Associate or observer member states attend meetings unless they are sponsored.
Justification of the project	It is suggested that a fully-funded seminar or workshop on hydrographic awareness to precede the next meeting of MACHC would assist in the crucial task of raising awareness of the subject. It would provide a platform to get greater involvement from the Associate and non-member States.
Countries involved	Bahamas, El Salvador, Honduras, Montserrat, Nicaragua, Turks & Caicos (plus four other nations yet to be determined)
Exposition of the problem	The benefits of good hydrography to support all manner of maritime activity is not well understood at the higher levels of Government in many SIDS in the MACHC region. This manifests itself in the poor attendance at the Regional Hydrographic Commission (MACHC) meetings where such benefits are promoted. The target audience for an awareness raising seminar would be Permanent Secretary (or equivalent) level from a relevant national Ministry, who would then also attend MACHC18.
General objective	To ensure that countries in the MACHC region are made aware that the provision of hydrographic services is an international obligation under treaty law affecting all Member States (MS) of the IMO and also provides

	significant national infrastructure and long-term economic benefits. The Seminar is configured to assist countries on how they take the necessary steps to meet their obligation noting that most MACHC countries are IMO MS but not IHO MS.
Specific objectives	<ul style="list-style-type: none"> • To understand the importance of nautical information • The basic activities of hydrographic offices: the IHO M-2 publication and how it relates to National Maritime Policies and Hydrographic Services • The organization of a National Hydrographic Office • The application of hydro-cartographic products and services
Outputs/Products	Participants will gain a better understanding of the regulatory framework which supports hydrography and how this can benefit a coastal state (Blue Economy etc)
Other deliverables	Participants will be encouraged to join the MACHC on an Associate Member basis until such time as they achieve full membership of the IHO
Achievements and awaited benefits	
Schedule of activities	2-day Seminar to proceed the 18 th MACHC meeting, venue to be decided

RESOURCES

Contribution by countries involved	Nil
Contribution by other parties	None
Contribution expected from CBCFund	Yes
Total Cost (euros)	€15,500 (this figure is based on the first Hydro Awareness Seminar delivered in Manzanillo, Mexico in December 2014)
Breakdown of costs (subject to confirmation)	The contribution from the CBSC fund will cover travel and subsistence for one representative from each of the 11 countries involved. The representatives will be expected to stay on for the 18th MACHC meeting and be active participants

From CBC Fund (item and amount)	€15,500
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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



PROJECT SUBMISSION MODEL

IDENTIFICATION

Project Number :

Project Name:	Technical Implementation Visit to Dominican Republic (initial visit 2012) and El Salvador (initial visit 2010)
Submitting RHC/Country:	MACHC (as part of the approved MACHC CB Plan)
Date:	2017
Institution executing the project:	UKHO/MACHC Chair
Name of responsible:	Jeff Bryant, MACHC CB Coordinator
Address:	UKHO, Taunton, Somerset TA1 2DN
Telephone:	+44 1823 337900 x3821
Fax:	+44 1823 284077
e-mail:	jeff.bryant@ukho.gov.uk

GENERAL SPECIFICATIONS

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

Background information	<ul style="list-style-type: none"> The IHO made technical and advisory visits to Dominican Republic in 2012 and El Salvador in 2010 Dominican Republic attended the MACHC Seminar on Hydrographic Awareness in 2015
Justification of the project	The IMO expects all nations to have fulfilled their SOLAS obligations (Chapter 5 regulation 9) by 2015 and will be carrying out inspections to ensure this is done.

Countries involved	Dominican Republic and El Salvador
Exposition of the problem	Following the IHO Technical Visits to Dominican Republic and El Salvador there has been no measurable improvement in the promulgation of MSI, no evidence that National Hydrographic Committees have been formed in either nation, and no increase in data supply to the primary charting authorities.
General objective	<p>To ensure that SOLAS obligations are understood and individuals recognize their responsibilities as well as knowing how to obtain support.</p> <ul style="list-style-type: none"> To assist and advise Dominican Republic and El Salvador to fully implement the recommendations in the IHO reports of the respective technical and advisory visits.
Specific objectives	1. Prepare a prioritized plan for the

	<p>development of a robust system for MSI promulgation.</p> <ol style="list-style-type: none"> 2. Identify and prioritize areas requiring hydrographic survey 3. Identify suitable available resource to undertake the surveys. 4. Provide the recognized charting authority (US and UK have shared authority for both nations) with up to date information in a timely manner.
Outputs/Products	<ol style="list-style-type: none"> 1. Maritime Safety Information (MSI) Coordinator position established. 2. National Hydrographic Authority established
Other deliverables	<p>Dominican Republic to have their ‘suspended member’ status lifted El Salvador to join the IHO</p>
Achievements and awaited benefits	<p>Understanding of SOLAS obligations and ways in which to meet them. A robust MSI promulgation process. Improved charting of the region.</p>
Schedule of activities	<p>Request IHB and MACHC Chair to visit Dominican Republic and El Salvador at the earliest opportunity</p>

RESOURCES

Contribution by countries involved	Nil
Contribution by other parties	Nil
Contribution expected from CBCFund	4,200 euros per person
Total Cost (euros)	8,400 euros
Breakdown of costs	Travel and accommodation = 4.2k per person (2)
From CBC Fund (item and amount)	

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