

## PROJECT SUMMARY SHEET and SWPHC Prioritization 2009

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
SWPHC	2009	SWPHC States (Representation at PACMA by New Zealand)	1	SWPHC rep. at PacMA Tonga, May 2009  <b>(SWPHC 0901)</b>	Raise awareness of Hydro, SOLAS requirements and status of charting in SWPHC Maritime Authorities	Increased awareness and commitment to MSI and Hydrographic responsibilities (Phase 1 CB)	Funding for travel and subsistence for SWPHC representative	3,000		Adam Greenland (NZ)
SWPHC	2009	Solomon Islands/ (IHB/ Australia )	2	Technical Assessment & Advice Solomon Islands  <b>(SWPHC 0902)</b>	Technical Assessment & Advice Solomon Islands	Hydro revitalization, Improve maritime safety information Region L (Phase 1 CB)	Funding for travel and subsistence IHB Director , PA and regional rep.	3600		R. Nairn – Australia, Pascal Ohoau – (Solomon I)
SWPHC	2009	Cook Islands / (New Zealand , Australia)	3	Technical Assessment & Advice Cook Islands  <b>(SWPHC 0903)</b>	Technical Assessment & Advice Cook Islands	Increased awareness of MSI / Hydro responsibilities – revitalization of regional Hydro support arrangements (Phase 1 CB)	Funding for travel and subsistence NZ and AUS reps.	3600		A. Greenland (NZ) R. Nairn – (Australia) Vaipo Mataora (Cook I)
SWPHC	2009	Kiribati / (IHB/UK or regional rep)	4	Technical Assessment & Advice Kiribati	Technical Assessment & Advice Kiribati	Increased awareness of MSI / Hydro	Funding for travel and	4200		Moate Kabure (Kiribati)

				<b>(SWPHC 0904)</b>		responsibilities – revitalization of regional Hydro support arrangements (Phase 1 CB)	subsistence IHB Director/C harting UK or regional rep.			Chris Smith (UK)
SWPHC	2009	Solomon Islands, Tuvalu, Cook Islands, Samoa, Tonga, Kiribati, PNG, Tokelau, Niue, Vanuatu, New Zealand, (Australia)	5	MSI Regional Workshop <b>(SWPHC 0905)</b>	Provide MSI Training	Provide MSI training to SWPHC Island national coordinators (Phase 1 CB)	Funding for Student Travel and Instructor subsistence	22,100 (total) 18000 (CBSC)		R. Nairn (Australia)
SWPHC	2010	Solomon Islands, Cook Islands, Samoa, Tonga, Fiji, PNG, New Zealand, Australia	6	Regional Nautical Cartography Course <b>(SWPHC 0906)</b>	Provide regional cartographic training course at various levels	Improve standard of charting and update and maintenance of chart and other nautical products	Funding for travel and subsistence for course facilitators and regional students	55,200 (total) 47,280 (CBSC)		R. Nairn (Australia)
SWPHC	2010	Fiji	7	Nautical Cartographic Training (Fiji) <b>(SWPHC 0907)</b>	Provide Category B level Cartographic Training to maintain and enhance FIMSA ability to produce nautical charts	Depth of cartographic knowledge including new digital cartographic systems to ensure ongoing nautical charting capability	Funding for travel and subsistence for 1 student to attend training in UK	9,200		F. Maharaj (Fiji) Chris Smith (UKHO)

**Name and Signature of the RHC Chairman** .....Above items priority 1 to 6 approved at SWPHC Meeting Port Moresby 10-11 Mar 09. Priority 7 discussed but not endorsed due to high cost per student, however subsequent difficulties in Fiji student attending training in Australia necessitates its consideration. R.Nairn SWPHC CBSC Coordinator 30 Mar 09.

**Version 2 23 Apr 09**

PART 2 SUBMISSION MODEL

**IDENTIFICATION**

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

<b>Project Name:</b>	SWPHC representation at PacMA Meeting, Tonga , 11-14 May 2009 (SWPHC 0901)
<b>Submitting RHC/ (priority):</b>	SWPHC / Priority 1
<b>Date of Submission:</b>	25 <sup>th</sup> March 2009
<b>Institution executing the project:</b>	AHS + LINZ
<b>Name of responsible:</b>	Adam Greenland
<b>Address:</b>	Land Information New Zealand 160 Lambton Quay Private Box 501 Wellington 6145 New Zealand
<b>Telephone:</b>	+64 4 460 0136
<b>Fax:</b>	+64 4 460 0575
<b>e-mail:</b>	<a href="mailto:agreenland@linz.govt.nz">agreenland@linz.govt.nz</a>

**GENERAL SPECIFICATIONS**

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

<b>Background information</b>	Pacific Islands Maritime Association (PacMA) is a recognized regional maritime board which has close working relationship with the
-------------------------------	--

	<p>Secretariat of Pacific Community (SPC) Regional Maritime programme. This programme aligns with the IMO strategic plan and meets member state obligations under the SOLAS convention. Rear Admiral Ken Barbor (IHB) and Mr John Spittal (SWPHC Chair) addressed the forum in April 2007 and PacMA expressed interest in developing closer links with SWPHC. However no contact had been established with PacMA despite several attempts.</p>
<b>Justification of the project</b>	<p>Sending a SWPHC representative to the annual PacMA meeting to be held in Nuku'alofa, Tonga in May 2009 will offer a new opportunity to strengthen the links between the two organizations in order to better address capacity building issues in the region and improve hydrographic and charting services for the mariners.</p>
<b>Countries involved</b>	<p>SWPHC States</p>
<b>Explanation of the problem</b>	<p>There is a need to raise the profile and importance of hydrography at the highest levels in the governments. provide an opportunity to regional maritime ministers</p>
<b>General objective</b>	<p>Raise awareness of hydrography, SOLAS requirements and status of</p>

	charting in SWPHC maritime Authorities.
<b>Specific objectives</b>	To raise profile and work of the IHO SWPHC in the region To inform island states of their hydrographic and charting responsibilities under SOLAS Chapter V Provide update of hydro activities in region including recent SWPHC capacity building proposals.
<b>Outputs/Products</b>	Acknowledgement of IMO SOLAS obligations by the governments in the region.
<b>Other deliverables</b>	IHO membership
<b>Achievements and awaited benefits</b>	Provision of enduring MSI, awareness of maritime issues and obligations, improved relationship between regional charting authorities, quality data to S-44 standards, charting competence, active IHO members
<b>Schedule of activities</b>	May 2009
<b>Past and/or current related projects supported by CBC or other sources</b>	IHB Director and SWPHC Chair attending the 2007 PacMA meeting

## **RESOURCES**

<b>Contribution by countries involved</b>	New Zealand – 1 person, 5 days
<b>Contribution from other sources</b>	Nil

<b>Contribution requested from CBC Fund</b>	1 Rtn air travel to Nuku’Alofa, Tonga 1 x 5 nights accommodation 1 x 5 days subsistence
<b>Total Cost (euros)</b>	€3000
<b>Breakdown of costs</b>	Travel €1500 Accommodation & Subsistence €1500
<b>a) From CBCFund (item and amount)</b>	Travel €1500 Accommodation & Subsistence €1500
<b>b) From other parties (item and amount)</b>	Nil

PART 2 SUBMISSION MODEL

**IDENTIFICATION**

**Project Number :**

<b>Project Name:</b>	Technical Assessment & Advice Solomon Islands (SWPHC 0902)
<b>Submitting RHC/ (priority):</b>	SWPHC / Priority 2
<b>Date of Submission:</b>	11 Mar 2009
<b>Institution executing the project:</b>	IHB / Australian Hydrographic Service
<b>Name of responsible:</b>	R. Nairn (Sponsor)
<b>Address:</b>	Australian Hydrographic Office Locked Bag 8801 Wollongong NSW AUSTRALIA
<b>Telephone:</b>	+61 42236687
<b>Fax:</b>	+61 42236511
<b>e-mail:</b>	<a href="mailto:International.relations@hydro.gov.au">International.relations@hydro.gov.au</a>

**GENERAL SPECIFICATIONS**

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

<b>Background information</b>	Solomon Islands currently has no effective hydrographic capability and is not currently supplying MSI information. Historical chart coverage has been provided by UKHO. A small hydrographic unit was developed in the early 1980's with support from the Royal Australian Navy under a Defence Cooperation Programme. In the mid 1990's the programme ceased
-------------------------------	---

	<p>when responsibilities for hydrography were transferred to the Department of Lands and Housing. A Bill is currently before the Parliament to transfer the responsibilities for Hydrography to a newly formed Maritime Safety Administration within the Ministry of Infrastructure and Development. The Deputy Director of Maritime Transport Division Captain Pascal Ohoau, has provided good input to the SWPHC at the past two meetings (2007, 2009) and is a reliable point of contact for Maritime matters. A project to revitalize and reform the maritime administration has recently been commenced under Asia Development Bank and European Union Funding. Urgent action to identify hydrographic infrastructure needs may enable hydrographic requirements to be incorporated into the ADB Project.</p>
<b>Justification of the project</b>	<p>Solomon Islands has no hydrographic capability and no regional support. It is currently unable to meet it's obligations for provision of hydrographic services under SOLAS Ch V.</p>
<b>Countries involved</b>	<p>Solomon Islands, United Kingdom, Australia and request high level Technical Advisory Visit from IHB.</p>
<b>Explanation of the problem</b>	<p>Solomon Islands has no hydrographic expertise, the status of it's hydrographic infrastructure is unknown and they require professional / technical assistance to assess the status of their charting, identify shortfalls in hydrographic infrastructure and prepare a prioritized "get well" plan.</p>
<b>General objective</b>	<p>Provide advice to Solomon Islands to help them to identify how they can meet their hydrographic and MSI responsibilities.</p>



<b>Specific objectives</b>	<ol style="list-style-type: none"> <li>1. Technical Advisory and Assessment visit by IHB Director and Professional Assistant</li> <li>2. Prepare phased action plan to develop the necessary hydrographic infrastructure</li> <li>3. Support preparation of a business case to include hydrographic / chart modernization in the ADB Maritime Reform Project.</li> </ol> <p>(note this approach has previously been successful in chart modernization for PNG)</p>
<b>Outputs/Products</b>	<ol style="list-style-type: none"> <li>1. Report on the status of Hydrography and MSI in the Solomon Islands.</li> <li>2. Prioritised phased action plan to meet hydrographic responsibilities.</li> <li>3. Business Case for inclusion of hydrographic revitalization components into ADB/EU Funded Maritime Reform Project.</li> </ol>
<b>Other deliverables</b>	Nil
<b>Achievements and awaited benefits</b>	Revitalised hydrographic services and active national coordinator for MSI
<b>Schedule of activities</b>	<ol style="list-style-type: none"> <li>1. Request IHB visit to Solomon Islands at earliest opportunity to have best opportunity to provide hydrographic input to the early stages of the ADB/EU Marine Maritime Reform Project</li> </ol>
<b>Past and/or current related projects supported by CBC or other sources</b>	Nil – no IHO sponsored technical visits have taken place in the Solomon Islands. Australian support was withdrawn in the mid 1980s.

## **RESOURCES**

<b>Contribution by countries involved</b>	Nil
<b>Contribution from other sources</b>	Possible technical advice from Australia (tbc),

<b>Contribution requested from CBCFund</b>	1. Technical assessment and advice visit as side visit to HSSC October 2009. Euro: 3600
<b>Total Cost (euros)</b>	Euro: 3600
<b>Breakdown of costs</b>	Airfares: (ex Singapore) = (2) 2400 Euro Subsistence: 2 x 4 nights = 1200 Euro
<b>a) From CBCFund (item and amount)</b>	Euro: 3600 Travel and subsistence IHB Staff
<b>b) From other parties (item and amount)</b>	1. Recent Australian mapping project results should provide modern datum coastline reference for update of nautical charts. 2. Geodetic support from Solomon Islands department of Lands. 2. Possible ADB Project funding for high priority surveys and update of charting

**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 CBC)</b>	<b>Contact Person</b>
SWPHC	2009	IHB/Solomon Islands/Australia	1	Technical Assessment & Advice Solomon Islands	Technical Assessment & Advice Solomon Islands	Hydro revitalization, Improve maritime safety, Region L	IHB Director and PA	3600		R. Nairn – Australia, Pascal Ohoau - Solomons

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

PART 2 SUBMISSION MODEL

### IDENTIFICATION

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

<b>Project Name:</b>	Technical Assessment & Advice - Cook Islands (SWPHC 0903)
<b>Submitting RHC/ (priority):</b>	SWPHC / Priority 3
<b>Date of Submission:</b>	11 <sup>th</sup> March 2009
<b>Institution executing the project:</b>	AHS + LINZ
<b>Name of responsible:</b>	Adam Greenland
<b>Address:</b>	Land Information New Zealand 160 Lambton Quay Private Box 501 Wellington 6145 New Zealand
<b>Telephone:</b>	+64 4 460 0136
<b>Fax:</b>	+64 4 460 0575
<b>e-mail:</b>	<a href="mailto:agreenland@linz.govt.nz">agreenland@linz.govt.nz</a>

### GENERAL SPECIFICATIONS

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

<b>Background information</b>	NZ is the charting authority for the Cook Islands – NZ 93, NZ 945, NZ 955 and NZ 9558. In 1996/97 the government of Cook Islands restructured and the responsibilities for hydrography and charting were not allocated and hence there is no clear mandate for these activities within any government department. Currently, the Ministry of Infrastructure & Planning -
-------------------------------	--

	<p>Survey &amp; Land Information Division, carries out small boat surveys in shallow water port areas using a hand held GPS and SBES. The role and responsibilities for the promulgation and update of basic MSI does not currently exist.</p>
<p><b>Justification of the project</b></p>	<p>The Cook Islands consist of 15 islands in two groups – the northern atolls and southern volcanic island groups. The islands span 15° lat and 10° lon across a large area of the Pacific Ocean. The Cook Islands are totally reliant on seaborne trade for distribution of goods, fuel, and food. Hence the need for government to be aware of its IMO SOLAS obligations, to build hydrographic capability and consider membership of the IHO.</p> <p>This request has been made in person at the 9<sup>th</sup> SWPHC Meeting Port Moresby 2009 by:  Vaipo MAATAORA  GIS Manager  Ministry of Infrastructure &amp; Planning  Survey Land Information Division  PO Box 102, Rarotonga,  COOK ISLANDS  Ph: (682)20034 Fax: (682)21134  Email: <a href="mailto:v.mataora@moip.gov.ck">v.mataora@moip.gov.ck</a> or  <a href="mailto:mataorav@yahoo.com">mataorav@yahoo.com</a></p>

<b>Countries involved</b>	Cook Islands
<b>Explanation of the problem</b>	There is currently no clear mandate for hydrography in the Cook Islands. There is a need to raise the profile and importance of hydrography at the highest levels in government. Two islands in particular – Suvarrow and Penrhyn – have not been surveyed to modern standards and are major ports for commercial trading vessels, fishing vessels and recreational craft. Current small scale charting is inadequate and larger scale charts are required.
<b>General objective</b>	Technical and advisory visit to inform ministers, assess current status and note requirements.
<b>Specific objectives</b>	<p>Brief and advise Cook Islands Ministers on:</p> <ol style="list-style-type: none"> <li>1. SOLAS obligations,</li> <li>2. appropriate hydrography requirements for surveying and charting, and</li> <li>3. IHO membership.</li> </ol> <p>Technical visit to assess and advise on hydrographic surveying, nautical charting and status/requirements for MSI.</p>
<b>Outputs/Products</b>	Assessment report with detailed

	<p>recommendations to support hydrography in the Cook Islands. Acknowledgement of IMO SOLAS obligations by the Cook Islands government.</p> <p>Clear mandate and commitment within the Cook Islands government for hydrography.</p> <p>Implementation of Phase 1 Capacity Building – provision and update of enduring MSI from Cook Islands.</p>
<b>Other deliverables</b>	IHO membership
<b>Achievements and awaited benefits</b>	Provision of enduring MSI, awareness of maritime issues and obligations, improved relationship between regional charting authorities, quality data to S-44 standards, charting competence, active IHO member
<b>Schedule of activities</b>	October 2009
<b>Past and/or current related projects supported by CBC or other sources</b>	Nil

## RESOURCES

<b>Contribution by countries involved</b>	New Zealand – 1 person, 4 days Australia – 1 person, 4 days
<b>Contribution from other sources</b>	Nil
<b>Contribution requested from CBC Fund</b>	2 x Rtn air travel to Rarotonga 2 x 4 nights accommodation 2 x 4 days subsistence
<b>Total Cost (euros)</b>	€4500
<b>Breakdown of costs</b>	Travel €2000

	Accommodation €1500 Subsistence €1000
<b>a) From CBCFund (item and amount)</b>	Travel €2000 Accommodation €1500 Subsistence €1000
<b>b) From other parties (item and amount)</b>	Nil

PART 2 SUBMISSION MODEL

**IDENTIFICATION**

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

<b>Project Name:</b>	Technical Assessment and Advice - Kiribati (SWPHC 0904)
<b>Submitting RHC/ (priority):</b>	SWPHC / Priority 4
<b>Date of Submission:</b>	11 <sup>th</sup> March 2009
<b>Institution executing the project:</b>	NZ/AUS
<b>Name of responsible:</b>	?? Suggest this should be allocated to LINZ – to be discussed
<b>Address:</b>	
<b>Telephone:</b>	
<b>Fax:</b>	
<b>e-mail:</b>	

**GENERAL SPECIFICATIONS**

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

<b>Background information</b>	Kiribati is a nation consisting of 33 islands with a total of 96,000 people dependent on maritime trade both international and interisland. UK is the charting authority for Kiribati and recognizes that the survey information that is the basis for the charting is mainly extremely old and sparse. There is an existing Marine Division that
-------------------------------	---



	controls local shipping but at present there is no hydrographic infrastructure within this Division. Kiribati does not currently have any capability for the promulgation and update of basic MSI .
<b>Justification of the project</b>	<p>Kiribati is totally reliant on seaborne trade for distribution of goods, fuel, and food. There is a need for government to become more aware of its IMO SOLAS obligations, to build hydrographic capability and to build capacity within the Marine Division to accomplish this. In addition Kirabati should consider membership of the IHO.</p> <p>This request has been made in person at the 9<sup>th</sup> SWPHC Meeting Port Moresby 2009 by:</p> <p>Moote Kabure Marine Surveyor Marine Division PO Box 487 Betio Tarawa Republic of Kiribati</p> <p>Email: kabure_m@yahoo.co.uk</p>
<b>Countries involved</b>	Republic of Kiribati
<b>Explanation of the problem</b>	There is currently no clear mandate for

	hydrography in Kiribati. There is a need to raise the profile and importance of hydrography at the highest levels in government. Cruise ships regularly visit the islands and there are a large number of catamarans used as interisland passenger ferries. There is known deficiency in surveys and charting especially in the area of Christmas Island.
<b>General objective</b>	Technical and advisory visit to inform, assess current status and note requirements.
<b>Specific objectives</b>	Brief and advise Cook Islands Ministers on: <ul style="list-style-type: none"> <li>4. SOLAS obligations,</li> <li>5. setting up of a National Hydrographic Committee</li> <li>6. appropriate hydrography requirements for surveying and charting, and</li> <li>4. IHO membership</li> </ul>
<b>Outputs/Products</b>	Assessment report with detailed recommendations to support hydrography in Kiribati. Acknowledgement of IMO SOLAS obligations by Kiribati government. Clear mandate in Kiribati Government

	for hydrography leading to provision and maintenance of MSI infrastructure and capability and the setting up of a National Hydrographic Committee.
<b>Other deliverables</b>	Potential IHO membership
<b>Achievements and awaited benefits</b>	Provision of enduring MSI, awareness of maritime issues and obligations, improved relationship between regional charting authorities, quality data to S-44 standards, charting competence, active participant in IHO / RHC meetings.
<b>Schedule of activities</b>	Q3/Q4 2009
<b>Past and/or current related projects supported by CBC or other sources</b>	None

## **RESOURCES**

<b>Contribution by countries involved</b>	Technical / advisory visit should be made by two people. It is suggested that if possible NZ leads with either AUS , IHB or UK support – as can be most cost effectively managed depending on timing of visit.
<b>Contribution from other sources</b>	None
<b>Contribution requested from CBCFund</b>	Travel and subsistence for two persons. Air fare from Aus/NZ and 4 nights accommodation and subsistence
<b>Total Cost (euros)</b>	Total = 4200E
<b>Breakdown of costs</b>	Flights 2 people Brisbane – Tarawa = 3000E. Accommodation 1000E; food = 200E

<b>a) From CBCFund (item and amount)</b>	4200E
<b>b) From other parties (item and amount)</b>	UK will investigate possibility of covering any additional air transport costs

PART 2 SUBMISSION MODEL

**IDENTIFICATION**

**Project Number :**

<b>Project Name:</b>	MSI Regional Workshop - SWPHC 0905
<b>Submitting RHC/ (priority):</b>	SWPHC / Priority 5
<b>Date of Submission:</b>	11 Mar 2009
<b>Institution executing the project:</b>	Australian Hydrographic Service / Australian Maritime Safety Authority (AMSA)
<b>Name of responsible:</b>	CDRE R. Nairn (Sponsor)
<b>Address:</b>	Australian Hydrographic Office Locked Bag 8801 Wollongong NSW AUSTRALIA
<b>Telephone:</b>	+61 42236687
<b>Fax:</b>	+61 42236511
<b>e-mail:</b>	<a href="mailto:International.relations@hydro.gov.au">International.relations@hydro.gov.au</a>

**GENERAL SPECIFICATIONS**

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

<b>Background information</b>	There is little effective MSI input from the SWP Island States. Points of contact for MSI were identified at the SWPHC Meeting (Port Moresby 2009) however the need for appropriate training was identified as a high priority.
<b>Justification of the project</b>	MSI is the basic building block for maritime domain awareness and a key component of Phase 1 Capacity

	<b>Building.</b>
<b>Countries involved</b>	Solomon Islands, Tuvalu, Cook Islands, Samoa, Tonga, Kiribati, PNG, Tokelau, Niue, Vanuatu, New Zealand, Australia – venue to be most central transport hub for the region (Brisbane)
<b>Explanation of the problem</b>	Absence of MSI from SWP Island States within NAVAREA X and XIV
<b>General objective</b>	Establish a reliable flow of MSI information from SWP Island States to NAVAREA X and XIV Coordinators to improve maritime safety and increase maritime domain awareness
<b>Specific objectives</b>	<ol style="list-style-type: none"> <li>1. To provide MSI training to representatives from SWP Island States within the region.</li> <li>2. To increase the commitment to provide MSI throughout the region</li> </ol>
<b>Outputs/Products</b>	Delivery of MSI training course (5 days)
<b>Other deliverables</b>	Nil
<b>Achievements and awaited benefits</b>	Effective and enduring MSI input to NAVAREA X and IV Coordinators
<b>Schedule of activities</b>	<ol style="list-style-type: none"> <li>1. Invitations to participant – July 2009</li> <li>2. Confirmation of attendees – Sep 09</li> <li>3. Delivery of MSI Training course – Nov 09</li> </ol>
<b>Past and/or current related projects supported by CBC or other sources</b>	Nil within the SWPHC Region

## **RESOURCES**

<b>Contribution by countries involved</b>	<p>Australia – to provide Trainers (AMSA) and NAVAREA X advice</p> <p>New Zealand – to provide NAVAREA XIV advice</p> <p>New Zealand to cover own Airfares</p>
---	--

<b>Contribution from other sources</b>	Possible venue to be provided gratis by Maritime Safety Queensland
<b>Contribution requested from CBCFund</b>	<ol style="list-style-type: none"> <li>1. Travel and Subsistence for trainers and course Participants (5 nights)</li> <li>2. Subsistence 15 x 100 x 5 (nights) Euro 7500</li> <li>3. Airfares: 12 x 800 Euro 9600</li> </ol>
<b>Total Cost (euros)</b>	Euro 22,900
<b>Breakdown of costs</b>	See above
<b>a) From CBCFund (item and amount)</b>	Euro: 17,600 Travel and subsistence - students
<b>b) From other parties (item and amount)</b>	Australia – 2 x MSI Trainers 4000 Euro Australia – Training class room 500 Euro Australia – Travel for Trainers 800 Euro New Zealand – Travel for NAVAREA XIV Coordinator and student 500 Euro

PART 2 SUBMISSION MODEL

**IDENTIFICATION**

**Project Number :**

<b>Project Name:</b>	Regional Nautical Cartography Course - SWPHC 0906
<b>Submitting RHC/ (priority):</b>	SWPHC / Priority 6
<b>Date of Submission:</b>	31 Mar 2009
<b>Institution executing the project:</b>	Australian Hydrographic Service (AHS)
<b>Name of responsible:</b>	CDRE R. Nairn (Sponsor)
<b>Address:</b>	Australian Hydrographic Office Locked Bag 8801 Wollongong NSW AUSTRALIA
<b>Telephone:</b>	+61 42236687
<b>Fax:</b>	+61 42236511
<b>e-mail:</b>	<a href="mailto:International.relations@hydro.gov.au">International.relations@hydro.gov.au</a>

**GENERAL SPECIFICATIONS**

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

<b>Background information</b>	There is extremely limited capacity within several SWP nations to take responsibility for, or effectively contribute to, nautical charting within their waters. This includes the skills necessary to critically analyse data for its impact upon maritime safety. An improved level of capability is necessary to raise the profile of nautical charting and knowledge of what to ask for to improve access to data collected for other
-------------------------------	--



	<p>purposes or by other organizations, but which should be used to improve navigation safety. The need for appropriate training for nations which have established national maritime safety / charting authorities, or are in the process of doing so, was identified at the SWPHC Meeting (Port Moresby 2009) as a high priority.</p>
<b>Justification of the project</b>	<p>Nautical cartographic skills and the ability to recognize and quantify data for its impact upon charting are essential pre-requisites to SWP nations taking a greater role in charting of their national waters, whether by proactively acquiring and assessing data for larger producer nations, or for inclusion in nationally produced charts.</p>
<b>Countries involved</b>	<p>Solomon Islands, Cook Islands, Samoa, Tonga, Kiribati, PNG, Vanuatu, New Zealand, Australia – venue to be AHO due to proximity to a central transport hub for the region and proven ability to provide appropriate equipment to support delivery of training (Wollongong, Australia)</p>
<b>Explanation of the problem</b>	<p>Individual SWP nations cannot fund appropriate staff to undertake any recognized course in nautical cartography and no courses are available in the region.</p>
<b>General objective</b>	<p>Establish a base level of source data analysis and nautical cartographic skills to</p> <ol style="list-style-type: none"> <li>1. promote a reliable flow of MSI information from SWP Island States to NAVAREA X and XIV Coordinators to improve maritime safety and increase maritime domain awareness</li> <li>2. establish credibility and an appropriate level of competency within the SWP state when seeking and acquiring hydrographic data and other</li> </ol>

	nautical information.
<b>Specific objectives</b>	<ol style="list-style-type: none"> <li>3. Training for 8 Australian, 2 New Zealand and 6 other SWP students.</li> <li>4. To provide skills in identifying knowledge gaps, and their significance, within existing nautical charts and publications.</li> <li>5. To increase the ability of SWP states to target potential suppliers of hydrographic and other nautical information</li> <li>6. To provide a foundation for some degree of self reliance in nautical cartography within port areas and constrained waters.</li> </ol>
<b>Outputs/Products</b>	Delivery of nautical cartography training course (8 weeks)
<b>Other deliverables</b>	Nil
<b>Achievements and awaited benefits</b>	Improved ability to manage charting information and conduct nautical cartography.
<b>Schedule of activities</b>	<ol style="list-style-type: none"> <li>4. Invitations to participant – Jan 2010</li> <li>5. Confirmation of attendees – May 2010</li> <li>6. Delivery of Nautical Cartography Training course – Oct – Nov 2010</li> </ol>
<b>Past and/or current related projects supported by CBC or other sources</b>	Nil within the SWPHC Region

## RESOURCES

<b>Contribution by countries involved</b>	<p>Australia – to provide funding to E17,000</p> <p>Australia – training venue, equipment and course management</p>
<b>Contribution from other sources</b>	<p>UK (TBC - or Australia ) – to provide teaching staff</p> <p>UK – to provide training package.</p>

<b>Contribution requested from CBCFund</b>	<p>4. Funding travel and subsistence for SWP regional students</p> <p>5. 50% Funding of travel and subsistence for teaching staff</p>
<b>Total Cost (euros)</b>	Euro 55,200 (approx E3400 per student)
<b>Breakdown of costs</b>	<p>Travel and Subsistence for trainers and course Participants (56 nights):</p> <p>6. Students - Accommodation and Subsistence: 8 x 70 x 56 (nights) Euro 31360</p> <p>7. Students – Airfares: 8 x 1000 Euro 8000</p> <p>8. Trainers - Accommodation and Subsistence: 2 x 70 x 56 Euro 7840</p> <p>9. Airfares: 4 x 2000 Euro 8000</p> <p>Note, airfares includes a change of training staff mid way through course.</p>
<b>a) From CBC Fund (item and amount)</b>	<p>Euro: 39,360 Travel and subsistence – students</p> <p>Euro 7,920 (50% of training staff T &amp; S)</p> <p>Total CBSC funding: E47,280</p>
<b>b) From other parties (item and amount)</b>	<p>Australia – training venue, equipment and course management</p> <p>Australia – 50% of training staff costs (E7920)</p> <p>Australia - UK training staff wages (To be negotiated)</p>

PART 2 SUBMISSION MODEL

**IDENTIFICATION**

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

<b>Project Name:</b>	Nautical Cartography Training (Fiji) (SWPHC 0907)
<b>Submitting RHC/ (priority):</b>	SWPHC / Priority 7
<b>Date of Submission:</b>	11/03/09
<b>Institution executing the project:</b>	FIMSA
<b>Name of responsible:</b>	Felix Maharaj
<b>Address:</b>	Fiji Islands Maritime Safety Administration, GPO Box 326, Suva, Fiji
<b>Telephone:</b>	(679) 3315266
<b>Fax:</b>	(679) 3303251
<b>e-mail:</b>	Felix.maharaj@govnet.gov.fj

**GENERAL SPECIFICATIONS**

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

<b>Background information</b>	FIMSA expects to install new chart production system in late 2010 and basic nautical cartography training is needed for one person in advance of system installation.
<b>Justification of the project</b>	Hydrographic Section of FIMSA
<b>Countries involved</b>	FIJI
<b>Explanation of the problem</b>	FIMSA presently faces the problem of being unable to produce paper charts

	<p>due the unavailability of reproduction materials and thus intends to introduce a digital cartographic system. Prior to the introduction of this system in late 2010, FIMSA need to have staff that will be involved in the project to have both a sound foundation in nautical cartography and a working knowledge of digital cartographic techniques. In order for this to happen FIMSA requires urgent assistance with training.</p>
<b>General objective</b>	<p>To have staff with the necessary skills available to make best use of specific system training given by the vendor during installation and thus be able to operate the new cartographic system efficiently and effectively</p>
<b>Specific objectives</b>	<p>To be able to use the new digital cartographic system effectively as quickly as possible to enable the continuation of the Fiji nautical chart production programme.</p>
<b>Outputs/Products</b>	<p>Staff trained in nautical cartography with ability to</p>
<b>Other deliverables</b>	<p>None</p>
<b>Achievements and awaited benefits</b>	<p>Maintain and enhance FIMSA capability to provide necessary charts to satisfy requirements of local shipping and to work more efficiently and closely with international charting authority</p>
<b>Schedule of activities</b>	<p>Nautical cartography and hydrographic</p>

	data management elements of CATB cartographic training (5 weeks each element) and a one week practical familiarization with software along with ECDIS /ENC familiarization.
<b>Past and/or current related projects supported by CBC or other sources</b>	System selection was assisted through CBC technical consultation /visit in 2009

## **RESOURCES**

<b>Contribution by countries involved</b>	Fiji is unable to commit to financial contribution at this point however staff time has been agreed for this.
<b>Contribution from other sources</b>	UK will provide training free of charge
<b>Contribution requested from CBCFund</b>	6000E (Full travel and subsistence costs)
<b>Total Cost (euros)</b>	9,200
<b>Breakdown of costs</b>	1500E travel 7700E subsistence (approx 100E /day)
<b>a) From CBCFund (item and amount)</b>	
<b>b) From other parties (item and amount)</b>	

Version 2 - 23 Apr 09