

<p>c. Tabuaeran Atoll, formerly called Fanning Island (BA2971)</p> <p>d. Aba-Riringa Island (Kanton) (BA184, BA1451)</p>		<p>UKHO and SPC through the NHCC.</p> <p>(2015 - 2 c) Kanton is to be designated as the Phoenix Island Protected Area (PIPA) and there is an aspiration to develop eco-tourism in this region. In order to facilitate this, the port is to be upgraded and remedial survey work will be required. KHU to consolidate requirements through the NHCC before communicating them to SPC and the UKHO.</p>	<p>Second Quarter 2016</p>	<p>Action 2015 – 1. Action 2015 – 12. Appropriate engagement with PIPA project lead</p>
<p>(3) The Kiribati government should authorise SPC-SOPAC and any other organisations holding bathymetric or other relevant data covering Kiribati, such as overseas military organisations, to provide that data to the charting authority (UKHO) for use in the compilation or revision of the existing charts.</p>	<p>Partially complete. Letter of Authorisation was signed during the visit empowering SPC to pass any hydrographic data to the UKHO for the purposes of updating navigational products.</p>	<p>(2015 - 3) Kiribati should use the draft letter template included at annex x to request that NZ, US, Aus governments (and any others who may have data) release any data holdings in Kiribati waters to the UKHO.</p>	<p>Fourth Quarter 2016</p>	<p>SPC to provide draft authorisation letter</p>
<p>(4) The Kiribati government through the national coordinator for hydrography and charting, should start a national programme that encourages all</p>	<p>Not started.</p>	<p>(2015 – 4) Once KHU, NHCC and National Hydrographic Coordinator role have been established, Kiribati should request through the PRNI or</p>	<p>Second Quarter 2016</p>	<p>Action 2015 – 5 Action 2015 – 12</p>

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mariners and other interested parties to report discrepancies on existing charts together with as much information as possible on what should appear on the chart.		SWPHC that an in-country workshop on MSI conducted.		
(5) The Kiribati government should ensure that the national coordinator for hydrography and charting establishes at least: a. An MSI Coordinator position to fulfil Kiribati obligations under SOLAS V/4 (navigational warnings); b. The MSI Coordinator position should be combined with the role of a survey technician, to assist in gathering and forwarding new and updated information to the charting authority (currently the UKHO) to enable existing charts to be kept up to date.	Not started	(2015 – 5) The Marine Division should lead the implementation of the proposed National Hydrographic structure and associated roles. See x. The implementation of this structure will see the establishment of a MSI coordinator.	First Quarter 2016	Action 2015 – 12. This will be easier to achieve once the NHCC has been endorsed.
(6) The national coordinator for hydrography and charting should establish relations with the SWPHC, the IHO, the UKHO and SPC-SOPAC and represent Kiribati in all relevant	This is currently being facilitated by the Head of the Marine Division.	(2015 – 6a) The Marine Division should identify funding for their short term involvement in international fora until such time that the KHU has been established and	Fourth Quarter 2015 onwards	No dependencies. This can start immediately.

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hydrographic activities and discussions.		has its own budget. (2015 – 6b) Once established, the KHU should assume responsibilities identified in the original action.	Second Quarter 2016	Action 2015 – 1 Action 2015 – 5 Action 2015 – 12
(7) The Kiribati government should ensure regular funding and travel support for the national coordinator for hydrography and charting to attend relevant meetings of the SWPHC and SPC-SOPAC.	The Head of the Marine Division facilitates this through his wider budget however no formal funding is set aside for hydrographic liaison.	(2015 – 7) Ref. 2015 6a & 6b. The KHU, once established, should ensure funding is identified specifically for international hydrographic liaison.	Second Quarter 2016 Onwards	Action 2015 – 1 Action 2015 – 5 Action 2015 – 12
(8) The national coordinator for hydrography and charting should apply, through the SWPHC, for MSI training under the IHO Capacity Building Program.	In lieu of the proposed national hydrographic structure (and positions contained within it), the Head of the Marine Division has ensured that Kiribati is an active participant in the IHO's CB programme.	(2015 – 8a) It is recommended that once established, The KHU take responsibility for identifying CB requirements and opportunities. (2015 – 8b) Following the establishment of the MSI coordinator role, That the KHU seek training, mentorship and ongoing support for the incumbent, from the SWPHC, IHO, SPC, The NAVAREA Coordinator, UKHO and other regional partners.	Second Quarter 2016 Second to Third Quarter of 2016	Action 2015 – 5 Action 2015 – 12 Action 2015 – 5 Action 2015 – 12
(9) The national coordinator for hydrography and charting should	Not achieved.	(2015 – 9) Marine Division, in lieu of the KHU, should ensure	Last Quarter 2015 onwards	Not dependencies. Can commence immediately.

liaise with the UKHO's Regional Team 5B to ensure new navigational significant information is forwarded and included in existing charts of Kiribati.		that better communication is established with the UKHO in the provision of information relevant to the updating of the Navigational Charts.		
(10) The Kiribati government should provide the national coordinator for hydrography and charting with at least one outfit of portable hydrographic surveying equipment. An estimated breakdown of cost is shown in Annex C - Typical Costs of Portable Surveying Equipment. Funding will also be required for the regular maintenance of this equipment and for the training and requalification of operators;	<p>A suite of equipment (including a CeePulse SBES and a Starfish SSS) has been purchased under the EU funded Environmentally Sustainable Aggregates for Tarawa (ESAT) project. Once complete this equipment will be transferred to Kiribati.</p> <p>The ESAT project currently falls under the Ministry of Fisheries and Minerals and ownership of the equipment will fall to the Fisheries division.</p>	(2015 – 10) It is recommended that an agreement is sought for the equipment to be transferred to the KHU, and its use overseen by the NHCC. This should then be added to the ToRs of the NHCC.	First Quarter 2016	Action 2015 - 12
(11) The national coordinator for hydrography and charting should seek appropriate training for a hydrographic surveying technician. Short courses can be provided through the IHO Capacity Building programme;	A member of the Marine Police unit has received his CAT B training in hydrographic surveying from JICA.	(2015 – 11a) It is recommended that the Marine Division and the Marine Police, in lieu of the KHU, use the Draft MoU contained at annex x to agree a cross divisional working arrangement that allows the Cat B trained surveyor to take part in hydrographic survey work as required.	Last Quarter 2015 – First Quarter 2016	SPC to supply draft MoU

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		(2015 – 11b) Until such time that Kiribati has an active survey programme, opportunities should be sought to involve The Marine Police Unit's Cat B surveyor in fieldwork conducted by other regional partners such as SPC. This will be essential to ensure that skills and currency are not lost.	First Quarter 2016	No dependencies. Discussions can start immediately
(12) The national coordinator for hydrography and charting should establish and chair a national hydrographic consultative committee or forum that coordinates national hydrographic requirements including input to a National Charting Plan, a National Hydrographic Survey Plan and a National Maritime Safety Information Plan. This group should include representatives from all stakeholders, including but not limited to: maritime police, ship operators, port authorities, maritime education authorities, provincial representatives, tourism operators, fisheries, geology and	A planning meeting was held during the visit. This was attended by key stakeholders of such a committee and the Draft ToRs were produced, reviewed and broadly endorsed by the participants.	(2015 – 12) Head of Marine Division to circulate the draft ToRs contained at annex x amongst the potential members of the NHCC and once agreement has been gained, a cabinet submission made to formally establish the group.	Last Quarter 2015	No dependencies

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coastal survey, and SPC-SOPAC and other potential assistance agencies;				
<p>(13) The Kiribati government should ensure the development and execution of:</p> <p>a. A National Charting Plan – by endorsing and proposing the chart modernization plan detailed in this report to the PCA (UKHO);</p> <p>b. A National Hydrographic Survey Plan – by seeking resources through foreign funding or assistance to complete the surveys listed and prioritised in the National Hydrographic Survey Plan in support of the National Charting Plan.</p> <p>c. A National Maritime Safety Information Plan – by ensuring that field checks are carried out on the current charts and publications and the results are forwarded promptly to the PCA.</p>	<p>Not achieved.</p> <p>All three plans will be the responsibility of the KHU and the NHCC has the role of reviewing this on an annual basis (included in the ToRs).</p>	<p>(2015 – 13a) The Marine Division should request the assistance of SPC under the PRNI in the review of all relevant legislation and policy, to understand whether it is fit for purpose in terms of accountability wrt. SOLAS obligations.</p> <p>(2015 – 13b) KHU should formally request assistance in the development of these ‘plans’ through its relationship with the UKHO, and under the auspices of SPC’s objectives under the PRNI.</p>	<p>Last Quarter 2015</p> <p>Second Quarter 2016</p>	<p>No Dependencies</p> <p>Action 2015 – 5 Action 2015 – 12</p>
(14) The Kiribati government should engage an overseas	Not yet in a position to action.	(2015 – 14) Kiribati to seek assistance from the UKHO and	First to Second Quarter 2016.	Action 2015 – 5 Action 2015 – 12

hydrographic adviser to guide and assist the national coordinator for hydrography and charting during the establishment of an in-country hydrographic data gathering capability and to foster close liaison and possible support from recognized national hydrographic authorities in other countries.		the SPC through the NHCC once national hydrographic structure has been endorsed.		
(15) The SWPHC and the IHO should monitor the further development of satellite bathymetry as a possible emerging technology that could help address the type of chart modernization issues being faced by Kiribati.	Ongoing. Significant research is ongoing throughout the International Hydrographic Community.	N/A		
(16) The Kiribati government should apply for membership of the IHO (details available in IHO publication M-2), including allocating on-going funding for the annual subscription (about €8,000 per annum) and travel support for Kiribati delegates to attend relevant meetings.	Not achieved	(2015 – 16) IHO rep. to discuss benefits and timings with Kiribati during next SWPHC.	Last Quarter 2016	Confirmation of the next SWPHC meeting