



**11th NORTH INDIAN OCEAN  
HYDROGRAPHIC COMMISSION  
NEW DELHI, INDIA 01 – 02 MARCH 2011**

**Minutes of the 11<sup>th</sup> NIOHC Meeting**

**OPENING FORMALITIES**

**1 Opening Remarks by Hosts**

The NIOHC meeting was opened by Vice Admiral BR Rao, Chief Hydrographer to the Government of India. He commented that it was a proud privilege and honour to host the meeting and to welcome delegates. He stated that NIOHC is a significant platform for mutual cooperation and understanding of hydrographic activities in the region. The Admiral also highlighted that capacity building is a key activity in the region and an area which the Indian National Hydrographic Office actively promotes.

**2 Opening Remarks by the Chairman**

NIOHC chairman, Rear Admiral Nick Lambert thanked Vice Admiral Rao and the Indian Navy for hosting the 11th meeting of the NIOHC. He outlined the importance of the understanding what the 'end user' or 'man on the bridge' requires from Hydrographic Offices in today's complex digital and paper charting environment. The Admiral also highlighted that Capacity Building and ENC coverage in the run up to 2012 and the mandatory carriage of ECDIS are key regional topics.

**3 Opening Remarks by President IHB**

Vice Admiral Alexandros Maratos, President IHB, explained the important role that RHCs perform at regional level and their influence with matters relating to SOLAS and the protection of the environment. He also commented on the changes taking place within the organisation of IHO and outlined the urgent requirement for Member States (MS) to approve the new structure.

**4 Address by Chief Guest**

Admiral Nirmal Vermar, The Chief of the Naval Staff (India), explained the importance of hydrography in relation to national transport infrastructures especially when maritime traffic is set to increase. He commented on the historical hydrographic commitment that India has provided to the region and reaffirmed continued longer term support for capacity building, training and joint surveying.

## 5 Administrative Arrangements

The meeting was held at the Manekshaw Centre, New Delhi, India. A brief outline about the programme and various administrative arrangements was given. A list of participants of 11th NIOHC meeting is placed at Annex A.

## 6 Adoption of the Agenda

The draft agenda circulated to Members at NIOHC11-1 was adopted. The Chair proposed to discuss agenda item 17 before item 16 as MSDI would naturally lead into Capacity building. MS agreed with this amendment.

## 7 Review of Action List from 10th meeting

The Action List from 10th NIOHC meeting, most recently circulated to Members as NIOHC11-7, was reviewed by the meeting. With the Chair leading the review, MS confirmed the status of actions and provided update on any on-going actions.

10th NIOHC Agenda Item	Action	Action By	Deadline	Status
7 & 8 [Action No 9.0 of Para 2(c)]	Saudi Arabia, Malaysia & Egypt to sign the NIOHC Statutes	IHB/MS	Before 11 <sup>th</sup> NIOHC meet	Superseded by 11 <sup>th</sup> NIOHC Action 2
11	MS to forward name of Nodal Hydrographer towards disaster management to IHB under intimation to the Chair	All MS	31 May 10	Superseded by 11 <sup>th</sup> NIOHC Action 5
12	Bangladesh to forward specific proposal to India for changing the limits of its INT chart 7428	Bangladesh/India	31 May 10	Cancelled but related to 11 <sup>th</sup> NIOHC Action 8
	Mauritius to seek assistance from NIOHC for setting up hydrographic unit by forwarding a suitable correspondence	Mauritius	31 May 10	Cancelled but related to 11 <sup>th</sup> NIOHC Action 12
13	MS to update S-55 (C-55) regularly	All MS	Ongoing	Superseded by 11 <sup>th</sup> NIOHC Action 4
14	National Coordinators to validate and verify the correctness of inputs prior to forwarding to NAVAREA Coordinators	National Coordinators	As required	Complete
15	Oman to give updated status of INT charts produced	Oman	31 May 10	Complete
	India to allot INT Chart Nos for Thailand	India	31 May 10	Complete
	India/Bangladesh to resolve status of stated INT 7430	India/Bangladesh	31 May 10	Cancelled but related to 11 <sup>th</sup> NIOHC Action 8
17	MS to forward details regarding number of personnel trained by the CBC, the training capsule undertaken, country imparted the training and their present employment to Chair	All MS	15 May 10	Cancelled but related to 11 <sup>th</sup> NIOHC Action 12

17 Continued	Chair to collate the information and forward to IHB for further action	Chair	31 May 10	Complete
	MS to forward specific training requirement to the Chair at least 3 months in advance from the date of next NIOHC meeting for consolidation and discussions during the next NIOHC meeting	MS / Chair	30 Oct 10	Cancelled but related to 11 <sup>th</sup> NIOHC Action 12
	Industrial participation for the next NIOHC meeting could be sought by scheduling a separate session for discussions on only technical matters of interest of the MS	Chair	31 Dec 10	Superseded by 11 <sup>th</sup> NIOHC Action 1
19	MS to approve the protocol of amendment of IHB at an early date	MS	15 May 10	Complete
23	Date and Venue of next meeting	Chair	30 Nov 10	Complete

## 8 NIOHC Statutes

### 8.1 NIOHC Membership status

Two nations have yet to sign the NIOHC statutes Egypt and Mauritius; Mauritius agreed to sign the statutes at this meeting. The secretary provided a copy of the statutes and Mauritius duly signed (action 3). IHB offered to write a letter to Egypt to remind and encourage them to sign the statutes (action 2).

There was a discussion on whether to amend the statutes to include a reference concerning attendance of Industry representatives at NIOHC meetings and it was agreed to review the topic at the next NIOHC meeting (action 1).

No.	NIOHC11 Agenda Item	11 <sup>th</sup> NIOHC Action	Action By	Deadline	Status
1	8.1	Review NIOHC Statutes to include clause that will enable inclusion / exclusion of industry from NIOHC meetings and on what terms	Chair, MS	12 <sup>th</sup> NIOHC	
2	8.1	Egypt has yet to sign NIOHC Statutes. IHB to send letter of encouragement and remind them to sign	IHB	2 April 2011	Action complete
3	8.1	Mauritius has yet to sign NIOHC statutes. Chair to provide copy for them to sign at NIOHC11	Chair, Mauritius	2 March 2011	Action complete Mauritius signed NIOHC Statutes 2 <sup>nd</sup> March 2011

### 8.2 Propose amending statutes to include election of Chair and Vice Chair to keep in line with other RHC's.

The proposal to amend the statutes to include the election of a Chair and Vice Chair was discussed without agreement.

## 9 Report by NIOHC Chairman

Admiral Lambert thanked Admiral Rao for his efforts and contributions to the region under his term of Chairmanship. He commented that under his Chairmanship he would like to build on the considerable progress made by India on cooperation and capacity building in the area by agreeing a 2 year work plan with specific targets and deadlines. There was a discussion on the types of capacity building provided; training and equipment, and whether any improvements could be made. Member States requiring Capacity Building (CB) were asked to provide the

Secretary with their CB requirements as written bullet points with a minimum 3 and a maximum of 5 bullets to be used for discussion under the agenda item 16 – Capacity Building.

## 10 IHB Reports

### 10.1 Report by IHB

Admiral Maratos briefly highlighted some of the important issues since the last NIOHC meeting. He commented on the close cooperation with the IMO concerning ENC coverage and E-Navigation leading to the phased roll out of mandatory ECDIS in 2012. He also mentioned the IHO cooperation with IALA on the depiction of virtual aids to navigation, which is a topic actively under discussion at IMO.

### 10.2 Status of approval of the Protocol of Amendments to the Convention of IHO. To identify possible problems that Members of the NIOHC are facing and how the Bureau can support them.

The IHB president explained the importance of and the need for Member State approval of the protocol of amendments. India, Thailand, Bangladesh, Oman and Sri Lanka commented that their governments are progressing the approval of the protocol but added that these processes can be bureaucratic and time consuming.

## 11 National Reports (Highlights)

MS presented short briefs highlighting salient aspects of their National Reports. The National Reports can be accessed on the IHO website.

## 12 Review of Status of Hydrographic Surveying and Nautical Charting in North Indian Ocean Region (IHO Special Publication C-55 and questionnaires/updates from NIOHC countries)

The IHB president commented that the C-55 data is very important documentation and the IHO is looking at ways of improving data presentation. Updates to C-55 data can be progressed on-line or e-mailed to the IHO (action 4).

No.	NIOHC11 Agenda Item	11 <sup>th</sup> NIOHC Action	Action By	Deadline	Status
4	12	MS to update C-55 regularly	All MS	Ongoing	

## 13 Promulgation of Radio Navigational Warnings and MSI within NAVAREA VIII area, and the Implementation of GMDSS

India as NAVAREA VIII coordinator provided an update on activities within the region. National Coordinators were requested to provide continued inputs to the NAVAREA Coordinator. The importance of validating the inputs prior to forwarding was also mentioned.

The IHB President outlined the importance of sharing information between national and NAVAREA coordinators and commented on the importance of anti-piracy warnings.

## 14 INT Charting

### 14.1 Report by INT Chart Coordinator – Progress on Implementation of the INT Chart Scheme India

India as Region J INT chart coordinator provided an update on INT charts within the region. Thailand was the only member which had forwarded a request for allocation of new INT nos.

No.	INT Chart allocated	Thai Chart No
1	7033	362
2	7448	308
3	7449	335
4	7450	335-A

INT charts which had been allocated but not received by Thailand.

India also provided details of 32 proposals for INT charts within the NIOHC region; it was deemed that the short time the details were provided before the meeting did not allow adequate time for MS to assess the data. UK has agreed to provide feedback to India on the proposed INT charts in relation to current INT coverage (action 6).

Bangladesh stated they had sent corrections to India for their INT chart, India had not received the corrections; the Chair had received the corrections and has forwarded to India.

Thailand queried that their INT charts are not shown in S-11 Part B Region J; it was decided that Thailand and India would liaise to resolve the issue.

France stated that they have amended the limits of one of their INT charts and the revised limits can be found within their National Report to NIOHC.

No.	NIOHC11 Agenda Item	11 <sup>th</sup> NIOHC Action	Action By	Deadline	Status
6	14.1	UK to provide feedback on Indian INT chart proposals	UK	April 2011	Action complete

### 14.2 Discussion on the adoption of HSSC proposal (Action HSSC1/24) for NIOHC Paper INT Charting Coordinator to take on the NIOHC ENC Coordinator role and rename as the NIOHC International Charting Coordination Working Group (ICCWG)

The Chair encouraged discussion of the Hydrographic Services and Standards Committee (HSSC Action 1/24) proposal to consider establishing a North Indian Ocean International Charting Coordination Working Group (NIOICCWG) and to adopt the draft NIOICCWG TOR/ROP (see NIOHC11-12 - Establishment of NIOICCWG - explanatory note).

India asked for clarification from IHB as to legitimacy of introduction of ICCWG within the region. IHB stated that it was best practice taken from other RHC's and would only be implemented if agreed by MS within this region. The ICCWG concept was drafted by Chart Standardisation and Paper Chart Working Group (CSPCWG), agreed at HSSC and approved by Member States but it is for NIOHC MS to decide if they wish to establish the NIOICCWG and to use the draft text provided.

India stated that they did not wish to be a part of the proposal as only two countries of NIOHC produced ENC's in the region and since only India & UK are involved in ENC production it was

not necessary to establish a working group. After further deliberations, MS agreed to revisit this proposal at the next NIOHC meeting (action 7).

UK stated that the role of coordination needs to be clarified so that all MS have an input into both ENC and INT chart schemes. Also, if other MS are starting ENC production this would provide them with a voice. France stated that if the NIOICCWG was implemented they would be willing to participate in the working group.

No.	NIOHC11 Agenda Item	11 <sup>th</sup> NIOHC Action	Action By	Deadline	Status
7	14.2	MS to discuss formation of NIOICCWG at NIOHC12 in response to action HSSC 1/24	All MS	12 <sup>th</sup> NIOHC	

### 14.3 Existing discrepancies of INT chart scheme in the Northern Bay of Bengal and it's probable solution - Bangladesh

Bangladesh provided a presentation outlining the reason for amending their INT chart coverage in the north of The Bay of Bengal. They have studied the charts from a mariners perspective and believe that the inclusion of Saint Martins Island (20° 37-0N., 92° 19-5E.) would benefit the mariner. Admiral Rao (India) suggested that both the parties await the final resolution of the territorial waters dispute currently going through the high courts. Bangladesh quoted the article 2.2 of S-11 (edition 2.003 March 2010) which clearly prioritises the need of mariner over the political consideration while designing the INT chart scheme.

Bangladesh commented that he would prefer a quicker resolution than that offered by India; Admiral Rao (India) then recommended that a formal letter from Bangladesh stating the proposed changes with their reasons may be forwarded and India would take further necessary action on this subject in consultation with their Government. Bangladesh agreed but stated that they have outlined their position in writing on several previous occasions. India and Bangladesh agreed to action 8 as shown below.

No.	NIOHC11 Agenda Item	11 <sup>th</sup> NIOHC Action	Action By	Deadline	Status
8	14.3	Bangladesh and India to liaise with regard INT 7425	Bangladesh, India	1 October 2011	

## 15 ENC Coverage

### 15.1 Status report on ENC coverage in the region

The IHB provided a strategic overview on the status of ENC coverage and the mandatory carriage of ECDIS. He also mentioned the assistance that RHC's could provide to the WEND-WG by reporting increased ENC coverage.

The Chair (UK) provided diagrams of current ENC coverage within the NIOHC region; there is currently no ENC coordinator. UK proposed that all MS should assess their ENC coverage in relation to the WEND principles and to ensure the coverage is in place prior to mandating ECDIS. India stated that as they and the UK are the only ENC producers in region at present and there is no need for an ENC coordinator. ENC Coverage will be discussed between India and UK as per action 10 below.

The Chair highlighted the data underlying ENC's is not always adequate i.e. depths taken from fathoms charts. India offered assistance to other MS that wish to produce ENC's. India also



stated that if MS were not able to produce ENC's by the 2012 mandate date then they would be happy to assist. The Chair reminded MS that mandate was only for SOLAS compliant vessels of specific tonnage and use.

The UK agreed that there will be a technical working group meeting with India to resolve the issues in relation to overlaps, banding issues and quality of underlying data within the region (action 9).

No.	NIOHC11 Agenda Item	11 <sup>th</sup> NIOHC Action	Action By	Deadline	Status
9	15.1	UK and India to liaise with regard ENC coverage issues	UK, India	Ongoing	

## 15.2 NIOHC input into WEND-WG report to IRCC3

There were no discussions on NIOHC input to the WEND-WG chair. IHB will require an ENC coverage update report for IRCC3 and the IMO NAV57 meeting. The Chair agreed to use the current ENC coverage data to provide a status the report on ENC coverage in NIOHC region to the WEND-WG Chair (action 10).

No.	NIOHC11 Agenda Item	11 <sup>th</sup> NIOHC Action	Action By	Deadline	Status
10	15.2	Chair to feedback status report on ENC coverage in NIOHC region to IRCC3 and WEND-WG chair	Chair	13 May 2011	Action Complete

## 16 Capacity Building

### 16.1 Capacity Building Stage Presentation

Jeff Bryant (UK) gave a brief presentation on Capacity Building and the various stages of the IHB CB training. The presentation can be found on the NIOHC11 website as NIOHC11-14.

### 16.2 Nominations for NIOHC Capacity Building Coordinator

The Chair introduced the concept of a CB Coordinator and asked MS for their comments. India stated that the IHO CB programme is not utilised in the NIOHC region as India provides the required training in addition to Commodore Badhwar being a member of the CBSC. If any CB submissions go through the CBSC then India would prefer the training to be carried out at their training establishment in Goa.

UK raised the fact that Red Sea nations have not been targeted for CB training in the region. Bangladesh stated that an independent assessment of MSs' hydrographic capabilities by the IHO Technical Team would be beneficial to assess the actual need of CB training for a particular MS.

Mauritius stated that they are fully satisfied with the training they have received from India; they now require assistance with structuring their hydrographic capabilities and mentoring trained staff.

The Chair stated the need to build on the excellent CB work already undertaken by India and proposed that Mr Jeff Bryant, UKHO should act as the CB Coordinator for the NIOHC region;

he is also the CB Coordinator for the MACHC region and the roles will compliment one another. MS agreed, with the exception of India, that Jeff Bryant will take on the role of the CB Coordinator for NIOHC with the assistance/advice of Commodore Badhwar, the Indian CBSC member and Regional Staff Officer as nominated in the 8th NIOHC vide Para 17.f. of the minutes.

### 16.3 Input to and requests for assistance from IHO CBSC

Jeff Bryant was tasked with compiling a list of what NIOHC MS require for training. MS attending the meeting were requested to list the 5 most important items of training that they require and for the CB Coordinator to put a submission into the forthcoming CBSC meeting (deadline for submission is 1<sup>st</sup> April 2011) (see actions 12 & 13).

No.	NIOHC11 Agenda Item	11th NIOHC Action	Action By	Deadline	Status
12	16.3	Pull together CB bullet points from MS requiring assistance and training noting the deadline for submission 1 <sup>st</sup> April 2011 and develop CB NIOHC work plan. To include Sri Lanka MSDI proposal	CB Coordinator	1 April 2011	Action complete
13	16.3	CB coordinator provide submission to CBSC	CB Coordinator	1 April 2011	Action complete

### 16.4 Review of Phase 1 Capacity Building in the Region

Several MS commented that they require a technical assessment to gauge their current level of hydrographic capability; these assessments will need to be costed and a proposal put into the forthcoming CBSC meeting.

### 16.5 Input to and requests for assistance from IHO CBSC

The Jeff Bryant, CB Coordinator, commented that he will assess the CB requirements outlined by MS during the previous day and propose suitable input to the CBSC for funding.

He also informed MS about a CBSC funded course that is available in conjunction with the SAIHC; Shallow Water and Port Surveys. Interested MS were identified and Jeff Bryant will contact them with further details after the meeting (action 11).

No.	NIOHC11 Agenda Item	11th NIOHC Action	Action By	Deadline	Status
11	16.5	MS to advise CB coordinator if they wish to attend Shallow Water and Port Survey in conjunction with SAIHC	MS, CB coordinator	2 March 2011	Action complete

### 16.6 COAST-MAP-IO Presentation

Dimitri Travin, IOC, provided an overview of the Coastmap IO project now it has reached its conclusion; the highlights are:

- Approximately 170 people trained
- Myanmar HO re-established
- Bringing together decision makers in MS involved
- Inundation maps produced and more to follow



- IOC Secretary General thanked India for the help and training they have provided

The Chair asked if the project had formally closed, IOC stated not yet as they have yet to hand over the report and have requested further assistance from Italy; they also urged assistance from IHB. The IHB noted the request. The Chair praised the work that IOC has done on this project and that it would be good to see the project through to its conclusion even though its official end has been reached. It was deemed that if the Chair of NIOHC sent a letter to the IHB commending the work of the IOC it would give leverage to the IOC for further funding through official IMF channels (action 14).

Bangladesh stated that they had received training but it was too general for their needs and would prefer identification of correct people and organisations. Myanmar received training and they found it beneficial to know how all aspects link in to create inundation maps.

The IOC report has identified who is responsible for all countries visited and highlighted that it is not sufficient just to train people, they also need equipment and assistance of a mentor in the early stages.

No.	NIOHC11 Agenda Item	11 <sup>th</sup> NIOHC Action	Action By	Deadline	Status
14	16.6	Letter to IHB commending the work of the IOC and encouraging further involvement	NIOHC Chair	14 March 2011	Action complete Letter sent by NIOHC Chair to IHB

### 16.7 Fugro Presentation

Paul Seaton, Fugro Survey, provided an overview of the company's capabilities; the highlights being:

- E-learning capability
- Tailored surveying solutions
- Partnerships for professional development (Fugro Academy)

The Chair asked if Fugro would be happy to contribute to the NIOHC CB plan? Paul Seaton stated they would be pleased to assist at either corporate or individual level.

## 17 Developments of Marine Spatial Data Infrastructure (MSDI) in the region

The IHB stated that the IHC (2007) conference raised awareness of the need for MSDI in response to 3<sup>rd</sup> meeting of NIOHC output. Since the establishment of the MSDIWG projects such INSPIRE have been implemented. It was also stated that a preferred option would be for all MS to have a coordinator for land and sea (1/2 people).

MS agreed with the benefit of MSDI but many nations have difficulty implementing the initiative due to issues within their governments.

### 17.1 Establishment of MSDI in NIOHC countries

All Member States gave a status report on the establishment of MSDI in their country.

- Sri Lanka understands the advantages of MSDI especially the fact that one survey can be used many times and for different purposes than it was originally commissioned.
- India stated they have a well developed MSDI and would be willing to assist other MS if required.

- Seychelles are in the progress of establishing MSDI and have input data for their waters although they are not able to fully populate as some data is still outstanding.
- Oman are establishing a committee and intend to contract out the collection of data to input into MSDI.
- Thailand have a working group on MSDI.
- Bangladesh have the data available but needs combining into one system.
- Myanmar HO works with aspects of their local and national government and currently share data but not yet through SDI.
- Mauritius have yet to implement MSDI/SDI.
- France have the INFRAGEOS-H project (see National Report) providing infrastructure for various types of data and the GEOPORTAIL website which allows for searching, viewing and downloading data online.
- USA have an established MSDI and it was used to good effect during the Gulf of Mexico oil spill; they learned a lot from using the SDI during the incident and it proved its worth.
- UK has no MSDI within the NIOHC region; around UK only.

Sri Lanka provided a presentation of MSDI training that they have received from various sources. They proposed that the NIOHC region would benefit from MSDI training and suggested a submission to the CBSC. It was suggested that the NIOHC CB Coordinator should assess the need for training within the region and if there is sufficient interest in a MSDI workshop it would be submitted to the CBSC for consideration.

## 18 Any Other Business

The POC for the disaster recovery plan needs to be updated; the last update was for the NIOHC8 conference. It was decided that the Chair will request an update from all MS and forward to the IHB for inclusion on the NIOHC webpage (action 5).

No.	NIOHC11 Agenda Item	11 <sup>th</sup> NIOHC Action	Action By	Deadline	Status
5	18	MS to update NIOHC Disaster plan points of contact. Chair will distribute by CL	Chair, All MS	31 May 2011	NIOHC CL6-2011 distributed - 8 April 2011

## 19 Review of NIOHC 11 Decisions and Actions

MS agreed the actions of the meeting as listed throughout these minutes and in their totality at Annex B.

## 20 Election of Chairman and Vice Chairman

It was deemed by MS that to ensure continuity that the UK would remain Chair of the NIOHC for the next 2 years. No MS stepped forward to the role of Vice Chair.

## 21 Next Meeting (Venue and Date)

MS were content with this time of year; it was decided that the next NIOHC meeting would take place in February 2012. Sri Lanka indicated that they would be willing to host the conference in

2012 (action 15); Myanmar stated that they would be willing to host a future conference but were unable to commit for next year.

The next meeting is to be held in Sri Lanka in February 2012.

No.	NIOHC11 Agenda Item	11 <sup>th</sup> NIOHC Action	Action By	Deadline	Status
15	21	Date and venue of next meeting	Chair	31 May 2011	In hand

## 22 Closing Remarks by the Chairman

RAdm Nick Lambert thanked the MS for attending the meeting and providing valuable input; all MS contributed to the meeting. He also thanked India for providing an excellent venue for the meeting and for being helpful and generous hosts.

He stated that the meeting had been productive and that momentum will be maintained throughout the coming year in order to put in place a 3-5 year work plan so that MS are able to fully achieve their potential.

**Annex A**  
**List of Participants at NIOHC11**

<b>Members</b>		
<b>Country</b>	<b>Name</b>	<b>Email</b>
Bangladesh	Cdr Sheikh Mahmudul Hassan	<a href="mailto:dhydro@bangladeshnavy.org">dhydro@bangladeshnavy.org</a>
India	VAdm BR Rao	<a href="mailto:incho-navy@nic.in">incho-navy@nic.in</a>
	RAdm SK Jha	
	Commodore V Badhwar	
	Cdr Sajeev K Nair	
	Cdr J Gurumani	
	Cdr RB Menon	
Myanmar	Capt Min Thein Tint	<a href="mailto:hydro.navy.ygn@mptmail.net.mm">hydro.navy.ygn@mptmail.net.mm</a>
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<b>Associate Members</b>		
<b>Country</b>	<b>Name</b>	<b>Email</b>
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	Mr Mansoor Khalfan Alwahaibi	<a href="mailto:mansoorw@motc.gov.om">mansoorw@motc.gov.om</a>
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	Cdr Brian Connon	<a href="mailto:brian.connon@navy.mil">brian.connon@navy.mil</a>

<b>Observers</b>		
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<b>IOC</b>	Mr Dimitri Travin	<a href="mailto:d.travin@unesco.org">d.travin@unesco.org</a>
<b>Fugro Survey</b>	Mr Paul Seaton	<a href="mailto:p.seaton@fugro-uae.com">p.seaton@fugro-uae.com</a>
<b>Jeppesen</b>	Mr Michael Bergmann	<a href="mailto:Michael.bergmann@jeppesen.com">Michael.bergmann@jeppesen.com</a>

**Annex B**  
**List of Actions from NIOHC11**

No.	NIOHC11 Agenda Point	11 <sup>th</sup> NIOHC Action	Action By	Deadline	Status
1	8.1	Review NIOHC Statutes to include clause that will enable inclusion / exclusion of industry from NIOHC meetings and on what terms	Chair, MS	12 <sup>th</sup> NIOHC	
2	8.1	Egypt has yet to sign NIOHC Statutes. IHB to send letter of encouragement and remind them to sign	IHB	2 April 2011	Action complete
3	8.1	Mauritius has yet to sign NIOHC statutes. Chair to provide copy for them to sign at NIOHC11	Chair, Mauritius	2 March 2011	Action complete Mauritius signed NIOHC Statutes 2nd March 2011
4	12	MS to update C-55 regularly	All MS	Ongoing	
5	18	MS to update NIOHC Disaster plan points of contact. Chair will distribute by CL	Chair, All MS	31 May 2011	NIOHC CL6-2011 distributed - 8 April 2011
6	14.1	UK to provide feedback on Indian INT chart proposals	UK	April 2011	Action complete
7	14.2	MS to discuss formation of NIOICCWG at NIOHC12 in response to action HSSC 1/24	All MS	12 <sup>th</sup> NIOHC	
8	14.3	Bangladesh and India to liaise with regard INT 7425	Bangladesh, India	1 October 2011	
9	15.1	UK and India to liaise with regard ENC coverage issues	UK, India	Ongoing	
10	15.2	Chair to feedback status report on ENC coverage in NIOHC region to IRCC3 and WEND-WG chair	Chair	13 May 2011	Action complete
11	16.5	MS to advise CB coordinator if they wish to attend Shallow Water and Port Survey in conjunction with SAIHC	MS, CB coordinator	2 March 2011	Action complete
12	16.3	Pull together CB bullet points from MS requiring assistance and training noting the deadline for submission 1 <sup>st</sup> April 2011 and develop CB NIOHC work plan. To include Sri Lanka MSDI proposal	CB Coordinator	1 April 2011	Action complete
13	16.3	CB coordinator provide submission to CBSC	CB Coordinator	1 April 2011	Action complete
14	16.6	Letter to IHB commending the work of the IOC and encouraging further involvement	NIOHC Chair	14 March 2011	Action complete Letter sent by NIOHC Chair to IHB
15	21	Date and venue of next meeting	Chair	31 May 2011	In hand