IALA COUNCIL **December 9 - 13, 2013**
56th Session **Goa**
India

Agenda item 9 – IALA TECHNICAL ACTIVITIES

9.4   e-NAV

9.4.2   Documents to note

9.4.2-4 Liaison note to IMO Correspondence Group on e-navigation roadmap & key dates
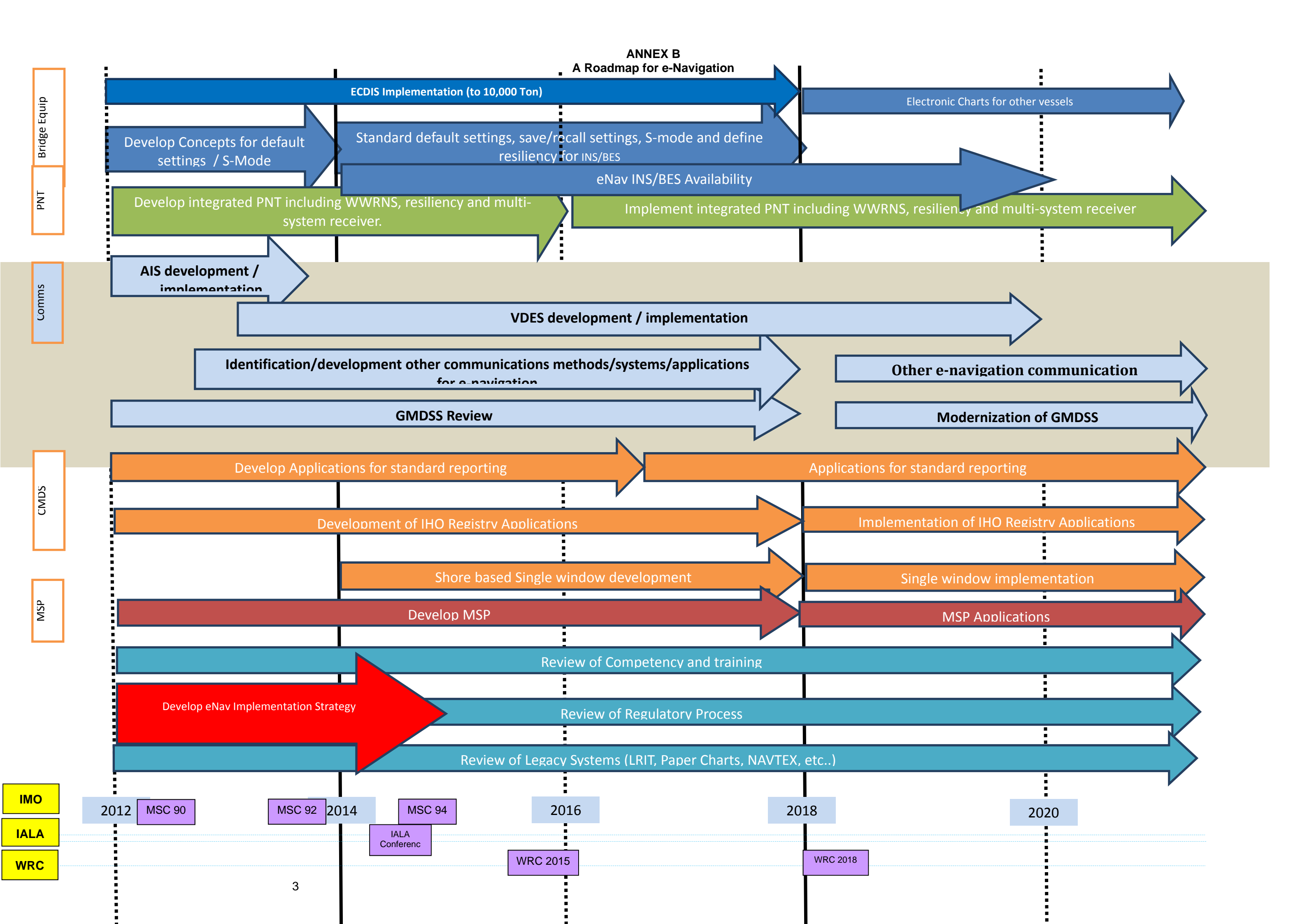

Note by the Secretariat

1   SUMMARY

This liaison note forms Annex 2 to the following paper e-NAV14-7.1.1.4. It sets out an e-navigation roadmap & key dates for e-Navigation implementation to the IMO Correspondence Group on e-Navigation.

Under the standing dispensation from Council, this document was sent to the IMO Correspondence Group on 24th October 2013.

2   ACTION REQUESTED

The Council is requested to Note.

Liaison note to IMO Correspondence Group
on
e-navigation roadmap & key dates

ANNEX B
A Roadmap for e-Navigation

Bridge Equip

ECDIS Implementation (to 10,000 Ton)

Electronic Charts for other vessels

Develop Concepts for default settings / S-Mode

Standard default settings, save/recall settings, S-mode and define resiliency for INS/BES

eNav INS/BES Availability

PNT

Develop integrated PNT including WWRNS, resiliency and multi-system receiver.

Implement integrated PNT including WWRNS, resiliency and multi-system receiver

Comms

AIS development / implementation

VDES development / implementation

Identification/development other communications methods/systems/applications for e-navigation

Other e-navigation communication

GMDSS Review

Modernization of GMDSS

CMDS

Develop Applications for standard reporting

Applications for standard reporting

Development of IHO Registry Applications

Implementation of IHO Registry Applications

Shore based Single window development

Single window implementation

MSP

Develop MSP

MSP Applications

Review of Competency and training

Develop eNav Implementation Strategy

Review of Regulatory Process

Review of Legacy Systems (LRIT, Paper Charts, NAVTEX, etc..)

IMO

2012 | MSC 90 | MSC 92 | 2014 | MSC 94 | 2016 | 2018 | 2020

IALA

IALA Conferenc

WRC

WRC 2015 | WRC 2018

3

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Key Dates for e-Navigation Implementation

Note	Date	Meeting	Comments
	2012		
	1 Jan 2012		ECDIS training in STCW 2012
	May 2012	MSC 90	Formation of Harmonized Group on Data Modelling (HGDM) MSC decision on GMDSS Review
	1 July 2012		ECDIS carriage requirement starts
	July 2012	IMO NAV 58	Expected acceptance of Gap Analysis and commencement of FSA.
	Sept 2012	IALA e-NAV 12	Look at practical solutions, risk analysis and MSP.
	2013		
	Jan 2013	e-Navigation Underway Conference.	
	March 2013	IALA e-NAV13	
	May 2013	MSC 92	
	Sept 2013	IMO NAV 59	Finalize e-NAV SIP for submission to MSC 93 (2014) for information
	Sept 2013	IALA e-NAV14	
	2014		
	Feb 2014	HTW1	Replaces STW. Feedback and comments re human element and training issues for e-NAV
	May 2014	IALA Conference	
	May 2014	Deadline for WRC 2015	Proposals for spectrum allocation
	May 2014	MSC 93	Consideration of e-Nav ISWG
	June-July 2014	NCSR1	Combines and replaces NAV and COMSAR (No e-NAV WG)
	Sept 2014	IALA e-NAV 15	
	TBC	e-NAV ISWG	Finalize e-NAV SIP to MSC 94 for approval
	November 2014	MSC 94	Expected approval of the e-Navigation Strategic Implementation Plan (SIP)
	2015 +		
	Nov 2015	WRC 2015	Spectrum Allocation for VDES
	May 2017	Deadline for WRC 2018	
	July 2018	ECDIS Fully Implemented	
	Oct 2018	WRC 2018	GMDSS and e-NAV