 Input paper: [[1]](#footnote-1) ENAV15-5.1.1

Input paper for the following Committee(s): check as appropriate Purpose of paper:

**□** ARM **□** ENG **□** PAP **□** Input

**x□** ENAV **□** VTS **X** Information

Agenda item [[2]](#footnote-2) 5.1

Technical Domain / Task Number 2 Reports from Rapporteurs

Author(s) / Submitter(s) N Ward

Title of paper

# Summary

IALA in conjunction with IAIN and EUGIN has supported the establishment of a Resilient PNT Forum. This body held its first meeting during the European Navigation Conference in Rotterdam in April. As a result of that meeting a document containing a Strategy and Action Plan was produced. The latest version of this document forms the Annex to this paper. It contains plans for future meetings.

## Purpose of the document

This paper is provided to inform the Committee of the Strategy and Action plan for Resilient PNT and the plans for future meetings.

**ANNEX**



**Draft Strategy and Action Plan for Resilient PNT**

**Introduction**

This draft strategy is based on the outcome of the Resilient PNT Forum, held on 14 April 2014 at the WTC Rotterdam. The Report of that Forum included an action for the convenor to draft ‘An outline Strategy and Action Plan’….’for consideration by the sponsor organisations and discussion at a follow-up event.’

**Strategy for achieving Resilient PNT**

* Resilient PNT should be a recognized policy for national and regional governments
* Inter-Governmental Organisations (IMO, ICAO, ITU), non-governmental organisations (IALA) need to adopt it as an international requirement
* Radio-navigation Plans: FRP, ERNP should embody Resilient PNT
* Spectrum planning organisations (ECC, FCC) need to take it into account
* Standards bodies, manufacturers organizations, user groups should recognize it

**Plan of action**

* Awareness & Communication Plan – stress the benefits, positive message
* Risk assessment, economic assessment
* Public Education/Media:
* Politicians need to be persuaded (jobs, safety of life)
* National and international support must be built up (NGO/IGO support)
* Harmonised plans need to be turned into international agreements
* Implementation plans require resources
* Industry engagement essential – equipment manufacturers; insurance companies

**Follow-up event**

Suggested venues for a follow-up event included: IALA, St Germain en Laye, date to be decided; Arab Institute of Navigation Conference in Alexandria, Egypt, 1-3 Sept. 2014; ION GNSS, Tampa, Florida, 15-19 Sept. 2014; ION ITM, January 2015; ENC 2015, Bordeaux, France, April 2015.

It was noted that September was probably too soon to make the necessary preparations and little would have changed in the intervening period. Therefore arrangements are being made to hold meetings of the Forum during the (US) ION International Technical Meeting, at Dana Point, California on 26 January 2015 and at the European Navigation Conference in April. The possibility of a further meeting during the IAIN Congress in Prague during October will also be investigated.

N. Ward, 6 October 2014

1. Input document number, to be assigned by the Committee Secretary [↑](#footnote-ref-1)
2. Leave open if uncertain [↑](#footnote-ref-2)