

VTS31 & e-NAV8 Input paper

Agenda item 13

Task Number 29

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IMO Correspondence Group on e-Navigation - Programme

1 INTRODUCTION

The following cover note was provided for papers recently sent to the Correspondence Group.

2 COVER NOTE

Dear members of the IMO e-navigation Correspondence Group.

You are probably aware of the fact that the Correspondence Group (CG) on e-navigation was re-established by NAV 56.

So our common effort continues, and I will first of all thank you all for your participation, contributions and supporting interest in our work so far.

It has been a stimulating experience during the first year, and with my team I look forward to the continuation.

A warm welcome also to new members of the group.

Attached you will find the schedule for the autumn 2010 and spring 2011.

There will be reporting to STW, COMSAR and NAV in 2011, and according to the Work Programme on e-navigation, MSC 86/23/4, we invite you to start the work on the GAP analysis.

Please find attached the report NAV56/WP7, and the report of the working group NAV56/WP5/Rev.1.

The basis for the further work are the User Needs as described in Annex 2,3,4 and 5 of NAV 56/WP5/Rev.1.

In Annex 7 of that same report the new Terms of Reference (ToR) are described.

Please take special note of p.2 of Annex 7 concerning the GAP analysis which states:

“consider documents NAV 53/13 (annex 3), NAV 56/INF. 10 (Republic of Korea) and MSC 85/26 (annex 20, paragraph 9.7.3 and annex 21, paragraph 6), and progress the initial gap analyses focusing on technical, regulatory, operational and training aspects;”

In accordance with ToR we should review and consolidate the process of completing initial GAP analysis and provide comments and recommendations.

COMSAR 14 and NAV 56 endorsed the proposed methodology for carrying out the initial GAP analysis.

As stated in the report of the CG, NAV 53/13 (Annex 3) gives an example of a GAP analysis which the CG is expected to develop further, focusing on four key elements:

Firstly, technical GAP analysis.

We should compare the capabilities and properties of existing systems with the architectural requirements needed to meet the identified User Needs. The result of which will enable technical solutions to be found.

Secondly, regulatory GAP analysis.

Identifying gaps in the present regulations and performance standards that need to be addressed. This analysis will be used to consider changes to existing regulations or performance standards.

Thirdly, operational GAP analysis.

To establish whether existing technology and systems can be adopted to meet the e-navigation User Needs and enhance operations.

And lastly, training GAP analysis.

To analyse what measures need to be taken to ensure that individuals, who are entrusted with its operation, receive an appropriate level of instruction to use any technology or systems introduced as a component of e-navigation.

It is important that the GAP analysis is submitted in a standard format.

The "Stakeholder GAP analysis" template, (blank copy) which you find as Annex 6 in NAV 56, WP5/Rev.1, is the format which can be used for new issues identified, as mentioned in p.5.6 of the NAV 56, WP5/Rev.1., but which you also may use as a tool to standardize the presentation of the GAP analyses. You will find the template as a separate attachment.

Please observe that you should only use one blank template for each User Need, but feel free to use as many templates as you might want to, if you comment on several different User Needs.

As you will see, you have been provided with an example of how the template could be used in the GAP analysis.

This is a modified version of the excellent submission from The Republic of Korea: NAV 56/Inf. 10 (Republic of Korea), which has its basis in the Functional Decomposition displayed in Annex 1 of NAV 56, WP5/Rev.1. These examples still need to be completed with regard to their technical, operational, regulatory and training aspects. You are invited to contribute to that end.

Please find the Korean example attached.

In order to achieve maximum benefit from this exercise, it is important that each member of the CG focuses on their areas of expertise when completing the templates.

My recommendation is that you should not feel obliged to spend unnecessary time on areas which you feel are not relevant to you.

Deadline for your comments on the GAP analysis is October 15.

I also draw your attention to the workshop included in the schedule, and which will take place on November 4 and 5.

This has a reference to NAV 56, WP5/Rev.1, p.5.4.

According to this one considered a need for a workshop on the creation of a framework for data access and information services under the scope of SOLAS to ensure that these are harmonized and interoperable.

To this end, it was agreed that the Correspondence Group could be tasked to develop the aforementioned framework.

Furthermore the delegation of Norway expressed the view that they could consider holding a workshop that could provide input to the CG.

The IHO observer offered their Headquarters in Monaco as the venue for this workshop.

A detailed program and invitation will be sent to you in due time, but I hope you take note of the dates, which have now been settled.

And finally:

The Norwegian Coastal Administration has now launched a web site on e-navigation www.e-nav.no.

The intention is to present news and issues concerning the on-going work on e-navigation and to follow the IMO process from a Norwegian perspective.

The CG is invited to send our NCA secretariat information on upcoming, relevant events, presentations, articles or other material on e-navigation you might judge of general interest.

For that purpose the address is: finn.martin.vallersnes@kystverket.no

Kind regards

John Erik Hagen

Co-ordinator of the Correspondence Group

3 REFERENCES

- [1] IMO e-Navigation CG schedule 2010 – 2011 (e-NAV8/13/2)
- [2] NAV 56/WP.5/Rev.1 (e-NAV8/4/10)
- [3] Draft report (of NAV) to the Maritime Safety Committee (NAV56/WP.7) (e-NAV8/4/11)
- [4] e-Navigation stakeholder gap analysis – template (e-NAV8/7/4)
- [5] e-Navigation stakeholder gap analysis – Korea (e-NAV8/7/5)

4 ACTION REQUESTED OF THE COMMITTEE

The Committee is requested to note the information provided and the actions requested and deadlines stated in Reference 1.