

AIISM - IALA
Reçu / Received : 24/04/14

Classt / File Ref : VP

Return address: P.O. Box 96864, 2509 JG Den Haag, The Netherlands

Mr G. Prosser
Secretary General
IALA - AISM
10 rue des Gaudines
78100 ST GERMAIN-EN-LAYE
FRANCE



Subject
CARPET VTS

Dear Mr Prosser,

By our E-mail of the 14th of January 2014 you were informed about the upcoming end of the enrolment period for the CARPET-VTS crowd funding initiative on the 1st of February. As announced, we closed the website this date. Unfortunately, the threshold for implementation was not reached and as a result of this we do not start the development of CARPET-VTS in 2014.

After the closure of the website, an informal visit of IALA-members of the Netherlands, more specifically Mr. Pieter Paap and Mr. René Hogendoorn, was paid to TNO to discuss the situation of the CARPET-VTS initiative started in 2013. We explained to Mr. Paap and Mr. Hogendoorn that although the crowd funding initiative for the development of CARPET-VTS was closed according to our internal procedures, TNO is still willing to support IALA initiatives to develop an independent validation tool like CARPET-VTS. During this meeting it was concluded that new CARPET functionality to predict performance of modern (solid-state coherent) radar systems is needed and also that crowd funding as a way to finance the development of such a tool with several stakeholders may still be a viable approach.

TNO wants to make its radar performance evaluation knowledge available to the VTS community. It was pointed out there are clear ideas within the IALA community about what functionality should preferably be covered by a CARPET-VTS like tool. We propose that

- a) a subgroup of IALA's members, representing the VTS community and interested in a tool like CARPET-VTS, should propose the required new functionality for a tool like CARPET-VTS;
- b) based on the required functionality, TNO could determine the cost to implement such new functionality and could start a new crowd funding initiative to finance the implementation.

Technical Sciences

Oude Waalsdorperweg 63
2597 AK Den Haag
P.O. Box 96864
2509 JG The Hague
The Netherlands

www.tno.nl

T +31 88 866 10 00

Date

17 April 2014

Our reference

TNO-060-DHW-2014-00924

E-mail
ronald.vanwaard@tno.nl
Direct dialling

+31 88 866 40 15

Direct fax

+31 88 866 65 75

The General Terms and Conditions for commissions to TNO, as filed with the Registry of the District Court in the Hague and with the Chamber of Commerce and Industry in The Hague, shall apply to all commissions to TNO.
Our General Terms and Conditions are also available on our website www.tno.nl.
A copy will be sent upon request.

Trade register number 27376655.

Date
17 April 2014

Our reference
TNO-060-DHW-2014-00924

Page
2/2


During the meeting with Mr Paap and Mr Hogendoorn, the following approach for a way forward was suggested:

1. A subgroup of IALA members should be brought together. This group of participants should be committed to participate in the development of a tool like CARPET-VTS.
2. TNO can host a meeting for this subgroup and interested participants at its premises in The Hague. TNO can inform this group of participants regarding its radar performance evaluation knowledge and experience. Based on this experience we can check the feasibility of all required functionalities.
3. The subgroup of IALA members should develop and agree on a determined and fixed description of the common required functionality of a tool like CARPET-VTS. For this purpose, a meeting could be held prior to the VTS38 meeting (October 2014). The foreseen common required functionality could then be presented to the VTS community at VTS38.
4. TNO can, in conjunction with the interested parties, draw up a plan to develop a CARPET-VTS tool in line with the common required functionality. TNO will inform IALA on this plan, including provided common functionality and costs. IALA can share this information with the VTS community.
5. If the majority of the group of participants agrees with this plan, TNO could start a new crowd funding initiative to finance the implementation in 2015.

TNO would like to ask IALA if the suggested approach is in line with the activities of IALA and if it is, how it could fit into the agenda of the IALA Work Program 2014-2018.

We also like to mention that TNO can always offer a service to all members of the VTS community to perform radar performance evaluations with its internal toolset. We can provide a quotation of our service on request. Please contact Jolanda van Deursen, phone +31 (0)88 866 12 89, email jolanda.vandeursen@tno.nl, for further requests on services that TNO could offer to all members.

Yours sincerely,



R.R.H. van Waard