|  |  |  |
| --- | --- | --- |
| **From:** | VTS Committee | DTEC4-6.2.2.10 |
| **To:** | DTEC Committee |  |

**LIAISON NOTE**

Update of Emerging Technology Review

# introduction

The VTS Committee has received an input paper from DTEC entitled Emerging Technology Review for further consideration.

# Discussion

The VTS Committee has reviewed the information in the document although the action was to note the information. A number of comments have been collated which we consider worth passing back to DTEC, see the points raised below.

* What is the intent of the document?
* Could DTEC add some information of any restrictions in global coverage of the technologies mentioned?
* Could DTEC add some information on how to determine when a technology is out of date or obsolete?
* The Annex (Chapter 1) refers to the “ENAV Committee”, we suggest this should be updated to “DTEC Committee”
* The paragraph commencing ‘IALA is an international association…’ may require review in light of the change of status of IALA from NGO to IGO and the change of name to the International Organization for Marine Aids to Navigation.
* **3GPP – 4G (including LTE) –** VTS Committee strongly recommends that this is not restricted to 4G as it is well established and will be replaced by 5G and followed on by 6G and 7G.
* **Digital VHF voice technology** has been demonstrated and could in theory be suitable for use by IALA members on shore facilities. However, on board equipment is subject to the existing IMO/SOLAS carriage requirements and not within IALA’s remit. A significant effort in terms of testing, trials and a phased introduction is needed as suppliers, ship operators, shore authorities and manufacturers will need to operate both traditional analogue channels and new digital channels in parallel over a significant number of years. Additionally, although the VTS Committee notes the “voice to text” work currently being undertaken, IALA is not in a position to endorse any emerging technology related to replacing carriage requirements until its use is approved by IMO.

# Action requested

1. The DTEC Committee is invited to note and take appropriate action regarding the comments from the VTS Committee above.