**Input paper:** DTEC5-6.2.3.11

**Input paper for the following Committee(s):** **Purpose of paper:**

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ARM  ENG  PAP  Input

DTEC VTS  Information

**Agenda item** [[1]](#footnote-1)

**Technical domain/ Task number** 2 6.1.14

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VDES Protocol Format Id updates[[2]](#footnote-2)

# Summary

A first version of a VDES Protocol Format Identifier (VPFI) has been proposed as part of Guideline G1117 ed. 3.0 – VDES Overview, as part of Annex B.

The VPFI is starting to get referred to by other guidelines, is referenced by RTCM and will be referenced in the future by other organizations such as IEC and IMO.

As DTEC5 input 6.2.3.4 already addresses, the first version of the VPFI has flaws, and its placement in the Annex of a large guideline (G1117) with different maturity is not advised for an instrument of wide use.

To address the importance of the VPFI, it is here proposed to create a new Recommendation to:

* define the need for the VPFI
* define how it is built up and used
* define the VPFI number space top level structure, and
* refer to the corresponding guidelines that handle the specific sub VPFI number spaces

Additionally, this proposal is incorporating feedback from uses of the first version of the VPFI.

## Committee Action

The committee is asked to:

* Review the new draft Recommendation on VDES Protocol Format Identifiers, and
* Updated Guideline G1117, where Annex B just is a reference to the new Recommendation.

And if agreeable,

* revise Guideline G1192, where the assigned VPFI number space for authentication is described,
* update Recommendation R1007 to reflect the new and updated documents, and
* consider the optional integration of the

## Related documents

S1060 Ed2.0 Digital Communication Technologies.

R1007 Ed2.0 The Vhf Data Exchange System (Vdes) For Shore Infrastructure.

1. Leave open if uncertain [↑](#footnote-ref-1)
2. Footer will automatically populate [↑](#footnote-ref-2)