# Draft FAQ regarding VDES

ENAV18-11.5

Formerly VDES1-12.2.1

| **Question** | **Proposed Response** |
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| 1. What is the definition of VDES and what does VDES stand for? | VHF Data Exchange System (VDES) |
| 1. What is the technical characteristics of VDES? | VDES integrates the functions of AIS, ASM and VDE include the channel for this functions with satellite transmission and reception |
| 1. What is the difference between VDES and AIS? |  |
| 1. What will VDES deliver? |  |
| 1. What are the core objectives of VDES? |  |
| 1. What frequencies does VDES use? |  |
| 1. How does VDES work ? |  |
| 1. What is the compelling need for VDES? [Why do we need VDES?] [What existing issues and trends in the maritime industry led to the call for VDES?] | [Develop response taking account of the question of square bracket] |
| 1. What are the user needs for VDES? [what are the user requirements for VDES?] |  |
| 1. What are the benefits of VDES for the users? [Will VDES help protect the marine environment?] |  |
| 1. Who will VDES impact? [Does VDES pertain to only SOLAS vessels and equipment?] [who will be affected by VDES implementation?] |  |
| 1. How will VDES affect small commercial, fishing and recreational vessels? |  |
| 1. When will VDES happen? [what are the development steps for VDES?] [when will VDES equipment be available?] [What progress has been made to develop VDES?] |  |
| 1. Are there training implications for VDES? |  |
| 1. Will VDES change traditional navigation? |  |
| 1. Will VDES impact on the provision of aids to navigation and VTS? |  |
| 1. What are some of the expected consequence of VDES? |  |
| 1. How does an IALA member prepare for VDES? [Does an IALA member need to do anything today to prepare for VDES?] |  |
| 1. Are there any VDES test beds? |  |
| 1. What is the VDES satellite component? |  |
| 1. Does the VDES satellite component really needed? [What are the benefits of the satellite component of VDES?] |  |
| 1. What is the cost implication for VDES? |  |
| 1. What is the [usage] limitation of VDES? [What are the parameters of VDES, including amount of data that can be exchanged, range of VDES, etc?.] |  |
| 1. Will VDES replace other communications means (i.e. Inmarsat / iridium, VSAT)? |  |
| 1. How will VDES units be approved (type approval, testing standards)? |  |
| 1. How will applications used on VDES be developed, tested, approved (for example - type approval – self certification or third party?) and be made available? |  |
| 1. Where can I find more information on VDES? |  |