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| IALA Recommendation |

Document reference

the VHF Data Exchange System (VDES) For Shore INfrastructure

Edition 1.0

Document date

Revisions to this IALA Document are to be noted in the table prior to the issue of a revised document.

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| Date | Page / Section Revised | Requirement for Revision |
| Month Year approved |  |  |
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THE IALA COUNCIL

**RECALLING**:

1. the function of IALA with respect to Safety of Navigation, the efficiency of maritime transport and the protection of the environment,
2. Article 8 of the IALA Constitution regarding the authority, duties and functions of the Council,
3. the work of IALA in the defining and implementing the Automatic Identification System (AIS) and the more recent work of IALA on the VHF Data Exchange System (VDES) intended to absorb and supersede AIS,

**RECOGNISING** that the VHF Data Exchange System (VDES) is a new communications system the development of which is being coordinated by IALA in consultation with the International Telecommunication Union (ITU),

**NOTING** that:

1. Although certain components of the VDES will not be determined until 2019 or possibly later, planning for the introduction of VDES shore infrastructure by shore authorities should commence as early as possible,
2. IALA Guideline 1117 VHF Data Exchange System (VDES) Overview describes the VHF Data Exchange System (VDES) and its future role in digital marine connectivity for safety of navigation,

**CONSIDERING** the advice of the e-Navigation Committee provided to Council at its 64th Session,

**ADOPTS** Recommendation IALA1060-R1002, the VHF Data Exchange System (VDES) for Shore Infrastructure,

**INVITES** Members and marine aids to navigation authorities worldwide to implement the provisions of the Recommendation,

**RECOMMENDS** that National Members and other authorities providing shore infrastructure for marine aids to navigation services should plan to convert existing AIS base station shore networks to the VHF Data Exchange System (VDES) to provide enhanced digital connectivity, and that those authorities without existing AIS shore infrastructure should consider implementing VDES shore infrastructure.

**REQUESTS** the IALA e-Navigation Committee or such other committee as the Council may direct to keep the Recommendation under review and to propose amendments as necessary.