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| From: Working Group 3 | eNav 20 input |
| To: ?? | 19 March 2016 |

LIAISON NOTE

Maritime Resource Names

# INTRODUCTION

ENAV17 produced the draft *Guideline on Unique Identifiers for Maritime Resources.* Further inputs to ENAV18 considered this matter further. This Liaison note discusses:

* The AIS, ASM and VDE identifiers for both shore and ship radio stations
* Recommended way forward

# Background

The draft guideline produced at ENAV17 on Unique Identifiers for Maritime Resources proposes to establish a unique ‘namespace’ denoted ‘Maritime Resource Name’. Within this namespace IALA – and sister organisations like IHO – can define their own types of identifiers for objects within their respective domains. Issuing identifiers can be delegated by subdivision of the namespaces into national domains or any number of organizational layers.

Examples offered included:

W26 Lighthouse, Great Belt, Denmark: **urn:mrn:iala:aton:dk:021345-w26**

Great Belt VTS: **urn:mrn:iala:vts:vtsstation:dk:vtsgreatbelt**

Ship (the hull): **urn:mrn:imo:imonumber:** **9250969**

Ship (the radiostation): **urn:mrn:itu:mmsi:219543000**

Ship (the radiostation): **urn:mrn:itu:callsign:xp4358**

# The use of MRN within the VDES environment

The VDES identifier for both vessels and shore side base stations is the MMSI. For some vessels, an IMO number is also available.

# Recommendation

It is recommended that all MRN that are used to identify a shore radio station or ship radio station include at minimum the MMSI and where possible the IMO number. The application layer on both sides will need to deal with the extraction of the MMSI and / or IMO number from the MRN and its use on the VHF Data Link (VDL) layer.