Liaison Note to ITU

Working document towards a preliminary draft revision of Recommendation ITU-R M.1371-5

# Introduction

IALA sent a reply liaison note to ITU on draft revision of Recommendation ITU-R M.1371-5 in March 2019. (ENAV23-12.1.10 - ITU-R Document 5B/675-E, 23 April 2019)

In this liaison document IALA announced further contributions on the definition of Message 28: Single slot Aid to Navigation (AtoN) Report, i.e. the definition of” Type of Physical Aid to Navigation (AtoN”) and their “Status”.

# Discussion

IALA would like to propose a further revision of message 28.

## Amend the Introduction of the Message 28 to reflect the following:

Another revision under consideration is the creation of a one-slot Aid to Navigation (AtoN) message. The goal of this is to subsequently permit the development of a carrier-sense AtoN station. A CS-TDMA station will allow for a 'politer' use of the VHF data-link, without the need for the reservation of slots by base station.

## Amend AtoN ID to reflect:

In lieu of the AtoN Name used in message 21 (AtoN Report), and to ensure it does not exceed the bit length of a single slot message, the message relies upon a unique 5 charterer ASCI-II designation (which will allow for 60.4 M unique identities, we request be issued by an AtoN Authority captured and retrievable in S-201(Tiny MRN).

## Amend table “Nature or Type of AtoN”:

|  |  |
| --- | --- |
| 0 | Default, Type Of Aton Not Specified |
| 1 | Augmenting an existing physical AtoN |
| 2 | Reference Point / Area |
| 3 | RACON |
|  |  |
| 4 |  |
| 5 |  |
| 6 |  |
| 7 |  |
| 8 |  |
| 9 |  |
| 10 | Cardinal Mark: Bifurcation / Junction |
| 11 | Cardinal Mark: Bifurcation / Junction, Pass Left-Hand Side |
| 12 | Cardinal Mark: Bifurcation / Junction, Pass Right-Hand Side |
| 13 | Cardinal Mark: Cardinal Mark E |
| 14 | Cardinal Mark: Cardinal Mark N |
| 15 | Cardinal Mark: Cardinal Mark S |
| 16 | Cardinal Mark: Cardinal Mark W |
| 17 |  |
| 18 |  |
| 19 |  |
| 20 | Cardinal Mark: Channel Near The Left Bank (Green) |
| 21 | Cardinal Mark: Channel Near The Right Bank (Red) |
| 22 | Cardinal Mark: Cross-Over Left Bank |
| 23 | Cardinal Mark: Cross-Over Right Bank |
| 24 | Cardinal Mark: Port / Left Hand Mark |
| 25 | Cardinal Mark: Port Side / Right Descending Bank |
| 26 | Cardinal Mark: Preferred Channel Port Hand |
| 27 | Cardinal Mark: Preferred Channel Starboard Hand |
| 28 | Cardinal Mark: Range Front |
| 29 | Cardinal Mark: Range Rear |
| 30 | Cardinal Mark: Sector Light |
| 31 | Cardinal Mark: Starboard / Right Hand Mark |
| 32 | Cardinal Mark: Starboard Side / Left Descending Bank |
| 33 |  |
| 34 |  |
| 35 |  |
| 36 |  |
| 37 |  |
| 38 |  |
| 39 |  |
| 40 | Isolated Danger (Obstacle): Overhead |
| 41 | Isolated Danger (Obstacle): Overhead Cable |
| 42 | Isolated Danger (Obstacle): Pass Left-Hand Side |
| 43 | Isolated Danger (Obstacle): Pass Right-Hand Side |
| 44 | Isolated Danger (Obstacle): Submerged Cable / Pipe |
| 45 | Isolated Danger (Obstacle): Wreck |
| 46 | Isolated Danger (Obstacle): Derelict Vessel |
| 47 |  |
| 48 |  |
| 49 |  |
| 50 | Isolated Danger (Structure): Bridge Span |
| 51 | Isolated Danger (Structure): Gate |
| 52 | Isolated Danger (Structure): Lock |
| 53 | Isolated Danger (Structure): Offshore Platform |
| 54 | Isolated Danger (Structure): Terminal |
| 55 | Isolated Danger (Structure): Wind Turbine |
| 56 |  |
| 57 |  |
| 58 |  |
| 59 |  |
| 60 | Special Mark (Area): Aquaculture Farm |
| 61 | Special Mark (Area): Guard Zone |
| 62 | Special Mark (Area): Ice Floe Edge |
| 63 | Special Mark (Area): Maritime Event / Regatta |
| 64 | Special Mark (Area): Military Operations Area |
| 65 | Special Mark (Area): Mooring Area |
| 66 | Special Mark (Area): Pollution Response / Recovery Area |
| 67 | Special Mark (Area): Restricted Operations Area |
| 68 | Special Mark (Area): Search And Rescue Area |
| 69 | Special Mark (Area): Substance Fishing Area |
| 70 | Special Mark (Area): Underwater Operations Area |
| 71 |  |
| 72 |  |
| 73 |  |
| 74 |  |
| 75 |  |
| 76 |  |
| 77 |  |
| 78 |  |
| 79 |  |
| 80 | Special Mark (Instruction): Proceed (At Reduced Speed) |
| 81 | Special Mark (Instruction): Proceed (From Here) |
| 82 | Special Mark (Instruction): Proceed (One-Way Traffic Only) |
| 83 | Special Mark (Instruction): Proceed (Outside Channel Only) |
| 84 |  |
| 85 |  |
| 86 |  |
| 87 |  |
| 88 |  |
| 89 |  |
| 90 | Special Mark (Object): End Of Towed Line / Cable / Net / Object / System |
| 91 | Special Mark (Object): Fishing Net Indicator |
| 92 | Special Mark (Object): Iceberg / Ice Floe |
| 93 | Special Mark (Object): Light Vessel |
| 94 | Special Mark (Object): Bridge Main Span Lighting |
| 95 | Special Mark (Object): Marine Mammal Sighting |
| 96 | Special Mark (Object): Mobile Offshore Drilling Unit |
| 97 | Special Mark (Object): Observation / Sampling Station |
| 98 | Special Mark (Object): Persons /Divers / Swimmers On The Water |
| 99 | Special Mark (Object): Remotely Operated Craft / Station / System |
| 100 | Special Mark (Object): Unknown Mobile Craft / Object / System |
| 101 | Special Mark (Object): Vessel In Need Of Assistance (Distress) |
| 102 | Special Mark (Object): Vessel In Need Of Assistance (Non-Distress) |
| 103 |  |
| 104 |  |
| 105 |  |
| 106 |  |
| 107 |  |
| 108 |  |
| 109 |  |
| 110 |  |
| 111 |  |
| 112 |  |
| 113 |  |
| 114 |  |
| 115 |  |
| 116 |  |
| 117 |  |
| 118 |  |
| 119 |  |
| 120 |  |
| 121 |  |
| 122 |  |
| 123 |  |
| 124 |  |
| 125 |  |
| 126 |  |
| 127 | Undefined = Default |

# Action requested

The ITU is requested to note the information provided and take action, as appropriate.