

## Liaison Note to ITU

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

#### 1 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".

#### 2 Discussion

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

##### 2.1 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.

##### 2.2 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 characterer ASCII-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).

##### 2.3 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
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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
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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
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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
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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
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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	
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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)
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127	Undefined = Default

### 3 Action requested

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