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Agenda item [[2]](#footnote-2) 9 (ref ENG1 action 26)

Technical Domain / Task Number 2 Visual & Physical AtoN, flash characters / 5.1.6

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Estonian Maritime Administration

National AtoN character list (Estonian list)

# Summary

To prepare the update of IALA-Recommendation E-110 for the Rhythmic Characters of Lights on AtoNs, it was decided to collect information on the national characters lists (Action item 26 of report ENG 1).

This information paper describes the Estonian AtoN character list for floating marks (buoys).

# Background

The character list is valid for all lights on buoys.

The list is not used for other lights (non-floating), for example, traditional lighthouses.

The aim of the list is to have a reduced set of flash characters that use energy efficiently.

# List

List of flash characters used for lights on buoys by the Estonian Maritime Administration.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Period [s] | Sequence [s] | Colour | Description |
| Q | 1,0 | 0.3+(0.7) | W | north cardinal |
| Q(3) | 10,0 | (0.3+(0.7))\*2+0.3+(7.7) | W | east cardinal |
| Q(6)+LFl | 15,0 | (0.3+(0.7))\*6+2+(7) | W | south cardinal |
| Q(9) | 15,0 | (0.3+(0.7))\*8+0.3+(6.7) | W | west cardinal |
| Fl | 3,0 | 0.3+(2.7) | R, G | lateral |
| LFl W | 10,0 | 2+(8) | W | safe water |
| Fl(5) | 20,0 | (0.5+(1.9))\*4+0.4+(10) | Y | special |
| Fl(2) | 10,0 | 0.5+(2.5)+0.5+(6.5) | W | isolated danger |

Numbers without brackets: duration of appearance in seconds.

Numbers within brackets: duration of eclipse in seconds

Some private buoys use different periods, i.e length of flash is 0.5 s, and one uses Morse A.

# References

IALA Recommendation E-110, June 2012

1. Input document number, to be assigned by the Committee Secretary [↑](#footnote-ref-1)
2. Leave open if uncertain [↑](#footnote-ref-2)