Input paper: [[1]](#footnote-1) ENG7-9.16

Input paper for the following Committee(s): check as appropriate Purpose of paper:

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Technical Domain / Task Number 2 TD#1 – Light and Vision, Visual Signalling

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Cover Note for Draft Guideline on Application of Retroreflective Material on Aids to Navigation

# Summary

## Purpose of the document

The attached document is a Draft IALA Guideline on Application of Retroreflective Material on Aids to Navigation.

The purpose of the guideline is to give Aids to Navigation Authorities and supplier information and guidance on use of retroreflective materials on Aids to Navigation.

## Related documents

[1] ENG7-9.16.1 IALA Recommendation E-106 “On the use of Retroreflecting Materiel on Aids to Navigation Marks within The IALA Maritime Buoyage System”

# Background

During the revision of IALA Recommendation E – 106 “On the use of Retroreflecting Materiel on Aids to Navigation Marks within The IALA Maritime Buoyage System” is it considered to develop a new guideline on retroreflective material for Aids to Navigation.

The IALA Recommendation E – 106 containing recommendation on codes of retroreflective material in accordance with the IALA Maritime Buoyage System (MBS) but no information and guidance on technology and application of retroreflective on Aids to Navigation.

The Draft IALA Guideline containing information on principle of retroreflective materials, terminology, basic technology and design, characterising and measurement of retroreflective materials, classification and standards, consideration when specifying retroreflective materials, including example of calculation of size of retroreflectors and best practice.

# References

1. Action Items number 41 from ENG6 (Jorgen Royal Petersen, Sami Lasma and Sigge Gustafsson are requested to work intersessionally on the Guideline on Retroreflectors and submit an input paper to ENG7)

# Action requested of the Committee

The Committee is requested to finalise the IALA Guideline on Application of Retroreflective Material on Aids to Navigation.

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