Input paper: [[1]](#footnote-1) ENG6-9.15

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

**□** ARM x ENG **□** PAP x Input

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Agenda item [[2]](#footnote-2) 9

Technical Domain / Task Number 2 TD#1 – Light and Vision, Visual Signalling/5.1.4

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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.

In addition and as an annex to the Draft Guideline a Questionnaire is included.

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.

The purpose of the Questionnaire is to collect best practice information from AtoN Authorities and AtoN supplier and include the information and tendency in the Guideline.

## Related documents

* IALA Recommendation E-106 “On the use of Retroreflecting Materiel on Aids to Navigation Marks within The IALA Maritime Buoyage System”
* ENG6-9.16 Draft IALA Guideline on Application of Retroreflecting Materials on AtoN 20170309 JRP
* ENG6-9.17 Questionnaire on use of Retroreflective Material for AtoN 20170209

# Background

During the revision process 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 appropriated to develop a new guideline on retroreflective material for Aids to Navigation.

The IALA Recommendation E – 106 containing mostly recommendation on codes of retroreflective material in accordance with the IALA Maritime Buoyage System (MBS) and less 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.

# Discussion

The ENG WG1 is requested to continue the development of the Draft IALA Guideline on Application of Retroreflective Material on Aids to Navigation.

In addition reviewing attached Questionnaire and gives guidance how to initiate the form to IALA members and supplier.

# References

Action Items number 42 from ENG5 (Jorgen Royal Petersen, Sami Lasma and Sigge Gustafsson are requested to work intersessional on the new Guideline on Retroreflectors and submit an input paper to ENG6)

# 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)