**Input paper: [[1]](#footnote-1)** ENG19-3.1.1.2

**Input paper for the following Committee(s):** **Purpose of paper:**

(Select as appropriate)

ARM **X** ENG  PAP **X** Input

ENAV VTS  Information

**Agenda item** [[2]](#footnote-2) n.n

**Technical domain/ Task number** 2 …………………………………

**Author(s)/Submitter(s)** World-Wide Academy (with support of Greg Hansen/Adam Hay/Ivan Yoma)

Proposed review of G1165 Sustainable Structural Design of AtoN[[3]](#footnote-3)

# Summary

This paper is a proposal to review IALA Guideline *G1165 Sustainable Structural Design of Marine Aids to Navigation* and the accompanying regional guidance produced for the southern Pacific region.

An initial review of the Guideline has been undertaken with amendments and suggestions for further modifications or additional inclusions and this is attached to this input paper.

There is also a proposal to seek feedback from IALA members on their usage of the document and whether they would like to see additional information included in the document. A draft Microsoft Form survey has been prepared and the link is contained within this document.

The ENG Committee are asked to consider adding this proposed Guideline review to the current Committee work programme.

# description

## Purpose of the document

The purpose of the document is to highlight the need for review of the G1165 documents and to ask the Committee to consider adding this review to the current ENG Committee work programme and resourcing the review, as appropriate.

## Related documents

*G1165 Sustainable Structural Design of Marine Aids to Navigation*

*G1165 Brochure Supplementary Information for the Southern Pacific Islands*

Initial review of G1165 - *G1165 Ed1.2 Sustainable Structural Design of Marine Aids to Navigation December 2021 DRAFT 240907*

Draft Microsoft Form Survey at <https://forms.office.com/e/EU2eBXManX>

# Background

Guideline *G1165 Sustainable Structural Design of Marine Aids to Navigation* was published in 2021 with the intention of assisting AtoN managers (initially in cyclone prone regions), to understand the parameters and processes associated with structure design that would allow them to check that a sustainable and resilient design was being provided by their consultant and contractors. The Guideline was also complemented by a regional guidance brochure for the southern Pacific region.

# Discussion

It is three years since the Guideline was published and it is considered appropriate to now review its content because:

* There is additional information and practical examples that could be included in the text.
* It is appropriate to understand if it is achieving its intended purpose, reaching its intended readership and making a material difference to the quality of fixed AtoN being installed.
* It is an appropriate length of time to understand what additional information the intended readers may wish to see within the document.
* Review may align appropriately with the ENG Committee’s activities in planning the Sustainability event in 2025.

To gauge the target readers’ opinions a draft survey form has been prepared to accompany this input, with the intention that this could be sent to either the ENG Committee or a subset of Committee members in cyclone prone regions, as deemed appropriate.

# Action requested of the Committee

The Committee is requested to:

1. Consider if a review of Guideline G1165 is suitable and if so, include this review in the current work plan, assigning appropriate resources and task details.
2. Subject to item 1, create a task group to undertake the review of the Guideline, the associated regional guidance and the draft survey form.

1. Input document number, to be assigned by the Committee Secretary [↑](#footnote-ref-1)
2. Leave open if uncertain [↑](#footnote-ref-2)
3. Footer will automatically populate [↑](#footnote-ref-3)