



Australian Government

Australian Maritime Safety Authority

ARM8-5.3

Marking of Breakwaters

ARM8

Grant Judson

Principal Advisor Navigation
Systems Safety

Email: grant.judson@amsa.gov.au

AMSA
VALUES | PROFESSIONAL | ACCOUNTABLE
COLLABORATIVE | DEDICATED



Scope

- Background
- Examples and justification
- Benefits
- Proposal

Background

- Oct 2017 – ARM7 – Republic of Korea presentation on marking of breakwaters
- IALA MBS Chap 8.7 – *Local solutions.....*
- *IALA Guidance:*
 - *Recommendation 139- The marking of manmade offshore structures*
 - *Recommendation 113 – Marking of fixed bridges over navigable water*
- Discussed at ARM7, however at this point is not included in the 2018-2022 work program

Australian examples



Justification – Since 2007

- At least 12 groundings involving allisions with unlit breakwaters.
- At least four fatalities since 2007.
- Lack of lighting and guidance on lighting.

Majority are Recreational Vessels

Local lighting solutions

- Street lighting or pathway lighting
- Special marks
- Lateral marks
- Retroreflective material
- Sequences of special lights
- Inconsistencies

Benefits of having guidance

- Maritime authorities look to IALA for guidance
- Harmonization and commonality
- Justification for Authorities
- Accountability
- International Conformance
- Ultimately- Improved Safety.

Proposal

- Re-invigorate Republic of Korea's proposal.
- Delegations consider the relevance of such guidance in their countries, and
- ARM consider the development of guidance for the marking of breakwaters in the 2018-2022 work plan.



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Questions?

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