



Australian Government

Australian Maritime Safety Authority

# EGC-API CG progress report

Presented by Stuart Shepard (Australia)  
(NAVAREA X Coordinator, Chair EGC-API CG)

# Background

The eleventh meeting of WWNWS-SC agreed to

*“... establish a correspondence group to explore the feasibility, creation and implementation of an API in order to allow NAVAREA and METAREA Coordinators to use only one interface for the broadcast and monitoring of their warnings”*

# Membership

- Stuart Shepard (Chair – NAVAREA X Coordinator, Australia)
- Lucia Bakker (Vice Chair – NAVAREA XVII/XVIII Coordinator, Canada)
- NAVAREA, METAREA and RCC Coordinators
- Inmarsat, Iridium
- IMSO, WMO, IHO, Cospas-Sarsat

# Scope

- Limited to shore-to-ship information exchange
- Does not include SAR applications
- Limited to machine-to-machine transfer of information in accordance with the guidance and guidelines of the IMO, WMO and IHO.

# Status

- EGC-API CG has met five (5) times:
  - developed and adopted Terms of Reference (annex A)
  - developed and adopted a work plan (annex B)
  - developed and adopted essential requirements (annex C)

# Benefits

- Security of information exchange (over SafetyNET I)
- Integration into an information management system (or similar).
- A single user interface could be developed by MSIP to enable their operators to draft a single message for broadcast to each RMSS provider.

# Limitations

- The standard cannot be mandated
- It will not include a user interface
- It may not include error checking (desirable)
- It will not include training – but will include testing criteria

# Challenges

- Future update and administration
- A view that the API will solve interconnectivity and interoperability issues highlighted in the IMO and other international forums.
- How and when to progress development of a ship-to-shore capability, and support for shore-to-ship SAR-related information broadcast.



# Next steps

- The sixth meeting of the EGC-API CG is scheduled for Tuesday, 13 October 2020 at UTC 1900 – 2000.
- The meeting aims to:
  - adopt the desirable API requirements developed by the membership;
  - commence a compliance check to identify IMO, IHO and WMO requirements and how they can be met/tested; and
  - commence development of a functionality testbed.

| Task      | Start            | End              | Duration |
|-----------|------------------|------------------|----------|
| Task No 1 | 27 November 2019 | 14 March 2020    | 109      |
| Task No 2 | 27 January 2020  | 11 August 2020   | 198      |
| Task No 3 | 15 July 2020     | 11 August 2020   | 28       |
| Task No 4 | 6 May 2020       | 13 October 2020  | 161      |
| Task No 5 | 13 October 2020  | 15 December 2020 | 64       |
| Task No 6 | 13 October 2020  | 15 December 2020 | 64       |
| Task No 7 | 15 July 2020     | 19 February 2021 | 220      |
| Task No 8 | 15 December 2020 | 19 February 2021 | 67       |
| Task No 9 | 14 October 2020  | 6 April 2021     | 175      |

Refer to Annex B

# Questions

Stuart Shepard (Chair)

NAVAREA X Coordinator

Australian Maritime Safety Authority

[stuart.shepard@amsa.gov.au](mailto:stuart.shepard@amsa.gov.au)

Lucia Bakker (Vice Chair)

NAVAREA XVII and XVIII Coordinator

Canadian Coast Guard

[lucia.bakker@dfo-mpo.gc.ca](mailto:lucia.bakker@dfo-mpo.gc.ca)