# Working Group 2 – Emerging Technologies Initial Assessment (WG2)

## Introduction

The working group has developed a staged process to conduct an initial assessment of new candidate technologies.

The purpose of the assessment is to gather high level information about a new candidate technology that members of WG3 will review. When a candidate technology receives a successful recommendation, WG3 will inform other working groups and/or committees within IALA of that technology as it may be of interest or relevant to their work. Where a candidate technology fails to receive a positive outcome, the details will be retained for future reference.

The 3 stages of the assessment outlined:

Stage 1 : High level Understanding

Stage 2 : Work group review

Stage 3 : Recommendation

Actions

Review and confirm Introduction statement above

## High level Understanding

The proposers of a new candidate Technology are requested to answer questions in ‘Technology Candidate Response’ column within the following table.

Working group members will evaluate the ‘Candidate Response’ and comment within the ‘Working Group Response’ column.

Where appropriate the working group will invite new candidate providers and/or relevant parties, to present and demonstrate on their subject matter.

A ‘status’ will be applied by the working group for each line of information within the table.

Once the table has been completed, the working group will review the findings and provide a recommendation.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Question** | **Technology Candidate Response** | **Working Group Response** | |  |  |  | | --- | --- | --- | | **Green** | **Amber** | **Red** | |
|  | **Status** |
| 1 | Where has the referral come from? |  |  |  |
| 2 | Name of technology and product name |  |  |  |
| 3 | Functional description |  |  |  |
| 4 | What are its Key limitations |  |  |  |
| 5 | Where is it currently used? |  |  |  |
| 6 | How is it currently used? |  |  |  |
| 7 | How could it be used within the maritime sector? |  |  |  |
| 8 | Who developed it? |  |  |  |
| 9 | Is it commercial, non-commercial or military? |  |  |  |
| 10 | Are there similar products / services and what make this different? |  |  |  |
| 11 | Ease of adaptation? |  |  |  |
| 12 | Capability? |  |  |  |
| 13 | Scalability? |  |  |  |
| 14 | Backward compatibility? |  |  |  |
| 15 | Can it be demonstrated? |  |  |  |
| 16 | What stage it’s at (how mature)? |  |  |  |
| 17 | Are there any results and test bed? Please List |  |  |  |
| 18 | Compliance summary? |  |  |  |
| 19 | Legal |  |  |  |
| 20 | Safety |  |  |  |
| 21 | Environmental |  |  |  |
| 22 | Ease of implementation |  |  |  |
| 23 | Financial |  |  |  |
| 24 | Security |  |  |  |
| 25 | Privacy |  |  |  |
| 26 | Readiness (EU Technology Readiness level) |  |  |  |
| 27 | Can you provide independent References |  |  |  |

Actions

Confirm table of questions.

## Work group review

The working group will review the information held within the ‘New Candidate Technology’ questions table. Comments will be provided by the working group based on the high-level understanding response along with any additional presentations and demonstrations that have taken place as a part of the review process. The output of this review will formulate the working group recommendation.

Where appropriate the working group will invite new candidate providers and/or relevant parties, to present and demonstrate their subject matter.

## Recommendation

Actions

Confirm recommendation section

## Candidate Technology Tracker

New CANDIDATE TECHNOLOGY Tracker

|  | **Candidate Technology** |  | **ENAV Start Session** | **ENAV**  **Planned End Session** | **Revised End Session** | **Progress Indicator** | | | **Status Overview** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Question** |  | **Green** | **Amber** | **Red** |
|  | **WG3 Emerging Technologies** |  |  |  |  |  |  |  |  |
| 1 | 3GPP |  | 22 |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |  |  |
| ~~9~~ |  |  |  |  |  |  |  |  |  |
| 10 |  |  |  |  |  |  |  |  |  |

Actions

Confirm table ok.