## The receipt and display of AIS ASMs and AtoN by shipborne navigational equipment

## Short survey

|  |
| --- |
| ***Context and goal:***  *Some national competent authorities have already identified that the AIS ASM and AtoN they are broadcasting are not received and/or displayed appropriately on ships. Therefore, they are not being used to their full potential . Common issues include the information not being properly received or displayed, lack of interface with AIS, improper integration or incorrect symbology.*  *The goal of this survey is to gather information from official AIS provider authorities about their experience with the service and user satisfaction on how the AIS ASM and AtoN services are displayed.*  *The survey results will help demonstrate that further actions are needed in order to have a better adoption of the e-Navigation AIS component into shipborne equipment.* |

## AIS AtoN/ASM Authority - Details

| **Name of the Administration / Authority** |  |
| --- | --- |
| **Your position / title in the organization** |  |
| **Date** |  |

## Questions

(Please fill in the percentage or text info and circle the appropriate answer(s) below)

**Part A: AIS as an Aid to Navigation (AIS AtoN)**

1. Please provide an estimate of the percentage of navigation systems not displaying AIS AtoN correctly in your waters/port:
   1. Electronic Chart Display and Information System (ECDIS): \_\_\_%
   2. Ship’s radar:\_\_\_\_\_%
   3. Electronic Chart Systems (ECS), which don’t meet IMO ECDIS standards:\_\_\_\_%
   4. Portable Pilot Unit (PPU):\_\_\_\_%
   5. Other navigational displays (e.g. Integrated Navigation System):\_\_\_\_%
2. What could be the main reason for navigation systems not displaying AIS AtoNs?
   1. Navigation system does not meet the latest IMO/IEC performance or test standard
   2. AIS is not interfaced to the ECDIS, radar or navigation display
   3. AIS has only the minimum keyboard display (MKD) installed
   4. AIS has a limited graphics display installed
   5. Bridge team does not know how to display the information

**Part B: AIS Application Specific Messages (ASM)**

1. Please provide an estimated percentage of navigation systems that display AIS ASM:
   1. Electronic Chart Display and Information System (ECDIS): \_\_\_%
   2. Ship’s radar:\_\_\_\_\_%
   3. Electronic Chart Systems (ECS), which don’t meet IMO ECDIS standards:\_\_\_\_%
   4. Portable Pilot Unit (PPU):\_\_\_\_%
   5. Other navigational displays (e.g. Integrated Navigation System):\_\_\_\_%
2. To the best of your knowledge, which AIS ASM are displayed on board?
   1. Met/Hydro information
   2. Environmental
   3. Route information
   4. Area notice
   5. Text description
   6. Dangerous cargo
   7. Other (please specify):\_\_\_\_\_\_
3. What could be the main reason for navigation systems not displaying AIS ASM correctly
   1. Navigation system does not meet the latest IMO/IEC performance or test standard
   2. AIS is not interfaced to the ECDIS, radar or navigation display
   3. AIS has only the minimum keyboard display (MKD) installed
   4. AIS has a limited graphics display installed
   5. Bridge team does not know how to display the information

**Part C: Additional comments:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |
| --- |
| After you have entered the necessary information to complete this questionnaire, please:   1. e-mail to…., or 2. fax to …. or, 3. post to ……. |

## Name

| **Responsible person** |  | **Date:** |  | / |  | / |  |
| --- | --- | --- | --- | --- | --- | --- | --- |

***Thank you for completing this IALA questionnaire.***

***Your cooperation and input are both valued.***