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| **TR5** | **MSP5:** Maritime Safety Information (MSI) Service | | | | Operational User Needs |
| Objectives of the task | To provide necessary attributes for the development of Product Specifications of MSP5 - Maritime Safety Information (MSI) service from shore-based providers. | | | | |
| Expected outcome | Delivery of liaison note related to MSP5. | | | | |
| Strategic Alignment | **Goal**: Ensure that aids to navigation systems and related services, including e-Navigation, Vessel Traffic Services, and emerging technologies, through international cooperation and the provision of standards are harmonised.  **Strateg**y: Harmonize the information structure, Maritime Service Portfolios, and communications for e-Navigation by creating standards, and by cooperation with other relevant international organizations, to achieve worldwide interoperability of shores and ship systems, including IMO sustainability goals for a maritime transport and safety system.  **Priority**: Develop guidance on MSP information content and implementation, positioning, communications, Maritime Service Portfolios, and data integration, information exchange, and modelling for e-Navigation. | | | | |
| Scope (Describe key items that are in scope/out of scope) | Provide an overview on necessary attributes that should be taken into account when developing the technical product specifications of MSP5 - Maritime Safety Information Service. The scope of the task will be to deliver a first liaison note early in the work period to other working groups for further development based on the developed operational aspects in accordance with e-Navigation services arising from the Maritime Service Portfolios. Input from the IMO Strategy Implementation Plan (SIP), the IMO user needs survey, and from IALA will be recognized.  The proposed attributes will be based on guidelines and recommendations developed by IHO, IALA, WMO, MRCC, and other shore-based maritime authorities. | | | | |
| Expected Sessions for Completion: | Session number:  15 16 17 18 19 20 21  X  X | | | | |
| Brief and concise description of the work to be undertaken and programme milestones where appropriate. | Liaison note will be delivered in accordance with the session number above.  Key milestones / Remaining key milestones for completing the task include:   * Intersessional development of attributes before January 2015 * Intersessional correspondence in the work group 4 * Review and finalizing during session 16. | | | | |
| **Task Revision** | **Ver.** | **Date** | **Part / Section Revised** | **Requirement for Revision** | |
| 1.0 | 17/10/2014 |  | Document created with commencement of IALA e-nav15 WG4 Work Programme | |

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| **TR15** | **MSP15:** Real-Time Hydrographic and Environmental Information Services | | | | Operational User Needs |
| Objectives of the task | To provide necessary attribute for the development of Product Specifications of MSP15 - Real-Time Hydrographic and Environmental Information service from shore-based providers. | | | | |
| Expected outcome | Delivery of liaison note related to MSP15. | | | | |
| Strategic Alignment | **Goal**: Ensure that aids to navigation systems and related services, including e-Navigation, real-time information management, and emerging technologies, through international cooperation and the provision of standards are harmonised.  **Strateg**y: Harmonize the information structure, Maritime Service Portfolios, and communications for e-Navigation by creating standards, and by cooperation with other relevant international organizations, to achieve worldwide seamless information exchange and interoperability of shores and ship systems, including IMO sustainability goals for a maritime transport and safety system.  **Priority**: Develop guidance on MSP information content and implementation, information, communications, Maritime Service Portfolios, data integration, and modelling for e-Navigation. | | | | |
| Scope (Describe key items that are in scope/out of scope) | Provide an overview on necessary attributes that should be taken into account when developing the technical product specifications of MSP15 - Real-Time Hydrographic and Environmental Information Service. The scope of the task will be to deliver a first liaison note early in the work period to other working groups for further development based on the developed operational aspects in accordance with e-Navigation services arising from the Maritime Service Portfolios. Input from the IMO Strategy Implementation Plan (SIP), the IMO user needs survey, and from IALA will be recognized.  The proposed attributes will be based on guidelines and recommendations developed by IHO, IALA, WMO, and other shore-based maritime authorities. | | | | |
| Expected Sessions for Completion: | Session number:  15 16 17 18 19 20 21  X | | | | |
| Brief and concise description of the work to be undertaken and programme milestones where appropriate. | Liaison note will be delivered in accordance with the session number above.  Key milestones / Remaining key milestones for completing the task include:   * Intersessional development of attributes before January 2015 * Intersessional correspondence in the work group 4   Review and finalizing during session 16. | | | | |
| Task Revision | **Ver.** | **Date** | **Part / Section Revised** | **Requirement for Revision** | |
| 1.0 | 17/10/2014 |  | Document created with commencement of IALA e-nav15 WG4 Work Programme | |

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| **TR11** | **MSP11:** Nautical Chart Service | | | | Operational User Needs |
| Objectives of the task | To provide necessary attribute for the development of Product Specifications of MSP11 – Nautical Chart Service from shore-based providers | | | | |
| Expected outcome | Delivery of liaison note related to MSP11. | | | | |
| Strategic Alignment | **Goal**: Ensure that aids to navigation systems and related services, including e-Navigation, real-time information management, and emerging technologies, through international cooperation and the provision of standards are harmonised.  **Strateg**y: Harmonize the information structure, Maritime Service Portfolios, and communications for e-Navigation by creating standards, and by cooperation with other relevant international organizations, to achieve worldwide seamless information exchange and interoperability of shores and ship systems, including IMO sustainability goals for a maritime transport and safety system.  **Priority**: Develop guidance on MSP information content and implementation, information, communications, Maritime Service Portfolios, data integration, and modelling for e-Navigation. | | | | |
| Scope (Describe key items that are in scope/out of scope) | Provide an overview on necessary attributes that should be taken into account when developing the technical product specifications of MSP11 - Nautical Chart Service. The scope of the task will be to deliver a first liaison note early in the work period to other working groups for further development based on the developed operational aspects in accordance with e-Navigation services arising from the Maritime Service Portfolios. Input from the IMO Strategy Implementation Plan (SIP), the IMO user needs survey, and from IALA will be recognized.  The proposed attributes will be based on guidelines and recommendations developed by IHO, IALA, WMO, and other shore-based maritime authorities. | | | | |
| Expected Sessions for Completion: | Session number:  15 16 17 18 19 20 21  X | | | | |
| Brief and concise description of the work to be undertaken and programme milestones where appropriate. | Liaison note will be delivered in accordance with the session number above.  Key milestones / Remaining key milestones for completing the task include:   * Intersessional development of attributes before January 2015 * Intersessional correspondence in the work group 4   Review and finalizing during session 16. | | | | |
| **Task Revision** | **Ver.** | **Date** | **Part / Section Revised** | **Requirement for Revision** | |
| 1.0 | 17/10/2014 |  | Document created with commencement of IALA e-nav15 WG4 Work Programme | |

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| **TR1** | **MSP1:** VTS Information Service (IS) | | | | Operational User Needs |
| Objectives of the task | To provide necessary attribute for the development of Product Specifications of MSP1 – VTS Information Service from shore-based providers. | | | | |
| Expected outcome | Delivery of liaison note related to MSP1. | | | | |
| Strategic Alignment | **Goal**: Ensure that aids to navigation systems and related services, including e-Navigation, Vessel Traffic Services, and emerging technologies, through international cooperation and the provision of standards are harmonised.  **Strateg**y: Harmonize the information structure, Maritime Service Portfolios, and communications for e-Navigation by creating standards, and by cooperation with other relevant international organizations, to achieve worldwide interoperability of shores and ship systems, including IMO sustainability goals for a maritime transport and safety system.  **Priority**: Develop guidance on MSP information content and implementation, positioning, communications, Maritime Service Portfolios, and data integration, and modelling for e-Navigation. | | | | |
| Scope (Describe key items that are in scope/out of scope) | Provide an overview on necessary attributes that should be taken into account when developing the technical product specifications of MSP1 - VTS Information Service. The scope of the task will be to deliver a first liaison note early in the work period to other working groups for further development based on the developed operational aspects in accordance with e-Navigation services arising from the Maritime Service Portfolios. Input from the IMO Strategy Implementation Plan (SIP), the IMO user needs survey, and from IALA will be recognized.  The proposed attributes will be based on guidelines and recommendations developed by IHO, IALA, WMO, MRCC, and other shore-based maritime authorities. | | | | |
| Expected Sessions for Completion: | Session number:  15 16 17 18 19 20 21  X | | | | |
| Brief and concise description of the work to be undertaken and programme milestones where appropriate. | Liaison note will be delivered in accordance with the session number above.  Key milestones / Remaining key milestones for completing the task include:   * Intersessional development of attributes before January 2015 * Intersessional correspondence in the work group 4 * Conduct a user survey among IALA members to ensure that all attributes regarding VTS information service are captured. * Review and finalizing during session 16. | | | | |
| **Task Revision** | **Ver.** | **Date** | **Part / Section Revised** | **Requirement for Revision** | |
| 1.0 | 17/10/2014 |  | Document created with commencement of IALA e-nav15 WG4 Work Programme | |

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| **TR12** | **MSP12:** Nautical Publications Service | | | | Operational User Needs |
| Objectives of the task | To provide necessary attribute for the development of Product Specifications of MSP12 – Nautical Publications Service from shore-based providers. | | | | |
| Expected outcome | Delivery of liaison note related to MSP12. | | | | |
| Strategic Alignment | **Goal**: Ensure that aids to navigation systems and related services, including e-Navigation, real-time information management, and emerging technologies, through international cooperation and the provision of standards are harmonised.  **Strateg**y: Harmonize the information structure, Maritime Service Portfolios, and communications for e-Navigation by creating standards, and by cooperation with other relevant international organizations, to achieve worldwide seamless information exchange and interoperability of shores and ship systems, including IMO sustainability goals for a maritime transport and safety system.  **Priority**: Develop guidance on MSP information content and implementation, information, communications, data integration, and modelling for e-Navigation. | | | | |
| Scope (Describe key items that are in scope/out of scope) | Provide an overview on necessary attributes that should be taken into account when developing the technical product specifications of MSP12 - Nautical Publications Service. The scope of the task will be to deliver a first liaison note early in the work period to other working groups for further development based on the developed operational aspects in accordance with e-Navigation services arising from the Maritime Service Portfolios. Input from the IMO Strategy Implementation Plan (SIP), the IMO user needs survey, and from IALA will be recognized.  The proposed attributes will be based on guidelines and recommendations developed by IHO, IALA, WMO, MRCC, and other shore-based maritime authorities. | | | | |
| Expected Sessions for Completion: | Session number:  15 16 17 18 19 20 21  X | | | | |
| Brief and concise description of the work to be undertaken and programme milestones where appropriate. | Liaison note will be delivered in accordance with the session number above.  Key milestones / Remaining key milestones for completing the task include:   * Intersessional development of attributes before January 2015 * Intersessional correspondence in the work group 4   Review and finalizing during session 16. | | | | |
| **Task Revision** | **Ver.** | **Date** | **Part / Section Revised** | **Requirement for Revision** | |
| 1.0 | 17/10/2014 |  | Document created with commencement of IALA e-nav15 WG4 Work Programme | |

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| **TR14** | **MSP14:** Meteorological Information Service | | | | Operational User Needs |
| Objectives of the task | To provide necessary attribute for the development of Product Specifications of MSP14 – Meteorological Information Service from shore-based providers. | | | | |
| Expected outcome | Delivery of liaison note related to MSP14. | | | | |
| Strategic Alignment | **Goal**: Ensure that aids to navigation systems and related services, including e-Navigation, real-time information management, and emerging technologies, through international cooperation and the provision of standards are harmonised.  **Strateg**y: Harmonize the information structure, Maritime Service Portfolios, and communications for e-Navigation by creating standards, and by cooperation with other relevant international organizations, to achieve worldwide seamless information exchange and interoperability of shores and ship systems, including IMO sustainability goals for a maritime transport and safety system.  **Priority**: Develop guidance on MSP information content and implementation, information, seamless communications, Maritime Service Portfolios, data integration, and modelling for e-Navigation. | | | | |
| Scope (Describe key items that are in scope/out of scope) | Provide an overview on necessary attributes that should be taken into account when developing the technical product specifications of MSP14 - Meteorological Information Service. The scope of the task will be to deliver a first liaison note early in the work period to other working groups for further development based on the developed operational aspects in accordance with e-Navigation services arising from the Maritime Service Portfolios. Input from the IMO Strategy Implementation Plan (SIP), the IMO user needs survey, and from IALA will be recognized.  The proposed attributes will be based on guidelines and recommendations developed by WMO, IHO, IALA, and other shore-based maritime authorities. | | | | |
| Expected Sessions for Completion: | Session number:  15 16 17 18 19 20 21  X  X | | | | |
| Brief and concise description of the work to be undertaken and programme milestones where appropriate. | Liaison note will be delivered in accordance with the session number above.  Key milestones / Remaining key milestones for completing the task include:   * Intersessional development of attributes before January 2015 * Intersessional correspondence in the work group 4   Review and finalizing during session 17. | | | | |
| **Task Revision** | **Ver.** | **Date** | **Part / Section Revised** | **Requirement for Revision** | |
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| **TR13** | **MSP13:** Ice Navigation Service | | | | Operational User Needs |
| Objectives of the task | To provide necessary attribute for the development of Product Specifications of MSP13 – Ice Navigation Service from shore-based providers. | | | | |
| Expected outcome | Delivery of liaison note related to MSP13. | | | | |
| Strategic Alignment | **Goal**: Ensure that aids to navigation systems and related services, including e-Navigation, Vessel Traffic Service, real-time information management, and emerging technologies, through international cooperation and the provision of standards are harmonised.  **Strateg**y: Harmonize the information structure, Maritime Service Portfolios, and communications for e-Navigation by creating standards, and by cooperation with other relevant international organizations, to achieve worldwide seamless information exchange and interoperability of shores and ship systems, including IMO sustainability goals for a maritime transport and safety system.  **Priority**: Develop guidance on MSP information content and implementation, positioning, information, communications, Maritime Service Portfolios, data integration, and modelling for e-Navigation. | | | | |
| Scope (Describe key items that are in scope/out of scope) | Provide an overview on necessary attributes that should be taken into account when developing the technical product specifications of MSP13 - Ice Navigation Service. The scope of the task will be to deliver a first liaison note early in the work period to other working groups for further development based on the developed operational aspects in accordance with e-Navigation services arising from the Maritime Service Portfolios. Input from the IMO Strategy Implementation Plan (SIP), the IMO user needs survey, and from IALA will be recognized.  The proposed attributes will be based on guidelines and recommendations developed by IHO, IALA, WMO, and other shore-based maritime authorities. | | | | |
| Expected Sessions for Completion: | Session number:  15 16 17 18 19 20 21  X  X | | | | |
| Brief and concise description of the work to be undertaken and programme milestones where appropriate. | Liaison note will be delivered in accordance with the session number above.  Key milestones / Remaining key milestones for completing the task include:   * Intersessional development of attributes before January 2015 * Intersessional correspondence in the work group 4   Review and finalizing during session 17. | | | | |
| **Task Revision** | **Ver.** | **Date** | **Part / Section Revised** | **Requirement for Revision** | |
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| **TR8** | **MSP8:** Vessel Shore Reporting | | | | Operational User Needs |
| Objectives of the task | To provide necessary attribute for the development of Product Specifications of MSP8 – Vessel Shore Reporting from shore-based providers. | | | | |
| Expected outcome | Delivery of liaison note related to MSP8. | | | | |
| Strategic Alignment | **Goal**: Ensure that aids to navigation systems and related services, including e-Navigation, Vessel Traffic Services, and emerging technologies, through international cooperation and the provision of standards are harmonised.  **Strateg**y: Harmonize the information structure, Maritime Service Portfolios, and communications for e-Navigation by creating standards, and by cooperation with other relevant international organizations, to achieve worldwide interoperability of shores and ship systems, including IMO sustainability goals for a maritime transport and safety system.  **Priority**: Develop guidance on MSP information content and implementation, communications, Maritime Service Portfolios, data integration, data exchange, and modelling for e-Navigation. | | | | |
| Scope (Describe key items that are in scope/out of scope) | Provide an overview on necessary attributes that should be taken into account when developing the technical product specifications of MSP8 - Vessel Shore Reporting. The scope of the task will be to deliver a first liaison note early in the work period to other working groups for further development based on the developed operational aspects in accordance with e-Navigation services arising from the Maritime Service Portfolios. Input from the IMO Strategy Implementation Plan (SIP), the IMO user needs survey, and from IALA will be recognized.  The proposed attributes will be based on guidelines and recommendations developed by IHO, IALA, WMO, and other shore-based maritime authorities. | | | | |
| Expected Sessions for Completion: | Session number:  15 16 17 18 19 20 21  X  X | | | | |
| Brief and concise description of the work to be undertaken and programme milestones where appropriate. | Liaison note will be delivered in accordance with the session number above.  Key milestones / Remaining key milestones for completing the task include:   * Intersessional development of attributes before January 2015 * Intersessional correspondence in the work group 4   Review and finalizing during session 17. | | | | |
| **Task Revision** | **Ver.** | **Date** | **Part / Section Revised** | **Requirement for Revision** | |
| 1.0 | 17/10/2014 |  | Document created with commencement of IALA e-nav15 WG4 Work Programme | |

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| **TR4** | **MSP4:** Local Port Service (LPS) | | | | Operational User Needs |
| Objectives of the task | To provide necessary attributes for the development of Product Specifications of MSP4 – Local Port Service (LPS) from shore-based providers. | | | | |
| Expected outcome | Delivery of IALA liaison note related to MSP4. | | | | |
| Strategic Alignment | **Goal**: Ensure that aids to navigation systems and related services, including e-Navigation, local port services, and emerging technologies, through international cooperation and the provision of standards are harmonised.  **Strateg**y: Harmonize the information structure, Maritime Service Portfolios, and communications for e-Navigation by creating standards, and by cooperation with other relevant international organizations, to achieve worldwide interoperability of shores and ship systems, including IMO sustainability goals for a maritime transport and safety system.  **Priority**: Develop guidance on MSP information content and implementation, positioning, communications, Maritime Service Portfolios, and data integration, data exchange, modelling for e-Navigation. | | | | |
| Scope (Describe key items that are in scope/out of scope) | Provide an overview on necessary attributes that should be taken into account when developing the technical product specifications of MSP4 - Local Port Service. The scope of the task will be to deliver a first liaison note early in the work period to other working groups for further development based on the developed operational aspects in accordance with e-Navigation services arising from the Maritime Service Portfolios. Input from the IMO Strategy Implementation Plan (SIP), the IMO user needs survey, and from IALA will be recognized.  The proposed attributes will be based on guidelines and recommendations developed by IHO, IALA, WMO, and other shore-based maritime authorities. | | | | |
| Expected Sessions for Completion: | Session number:  15 16 17 18 19 20 21  X  X | | | | |
| Brief and concise description of the work to be undertaken and programme milestones where appropriate. | Liaison note will be delivered in accordance with the session number above.  Key milestones / Remaining key milestones for completing the task include:   * Intersessional development of attributes before January 2015 * Intersessional correspondence in the work group 4   Review and finalizing during session 17. | | | | |
| **Task Revision** | **Ver.** | **Date** | **Part / Section Revised** | **Requirement for Revision** | |
| 1.0 | 17/10/2014 |  | Document created with commencement of IALA e-nav15 WG4 Work Programme | |

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| **TR2** | **MSP2:** Navigational Assistance Service (NAS) | | | | Operational User Needs |
| Objectives of the task | To provide necessary attribute for the development of Product Specifications of MSP2 – Navigation Assistance Service from shore-based providers. | | | | |
| Expected outcome | Delivery of liaison note related to MSP2. | | | | |
| Strategic Alignment | **Goal**: Ensure that aids to navigation systems and related services, including e-Navigation, Vessel Traffic Services, and emerging technologies, through international cooperation and the provision of standards are harmonised.  **Strateg**y: Harmonize the information structure, Maritime Service Portfolios, and communications for e-Navigation by creating standards, and by cooperation with other relevant international organizations, to achieve worldwide interoperability of shores and ship systems, including IMO sustainability goals for a maritime transport and safety system.  **Priority**: Develop guidance on MSP information content and implementation, positioning, communications, Maritime Service Portfolios, and data integration, information exchange, and modelling for e-Navigation. | | | | |
| Scope (Describe key items that are in scope/out of scope) | Provide an overview on necessary attributes that should be taken into account when developing the technical product specifications of MSP2 - Navigation Assistance Service. The scope of the task will be to deliver a first liaison note early in the work period to other working groups for further development based on the developed operational aspects in accordance with e-Navigation services arising from the Maritime Service Portfolios. Input from the IMO Strategy Implementation Plan (SIP), the IMO user needs survey, and from IALA will be recognized.  The proposed attributes will be based on guidelines and recommendations developed by IHO, IALA, WMO, MRCC, and other shore-based maritime authorities. | | | | |
| Expected Sessions for Completion: | Session number:  15 16 17 18 19 20 21  X  X | | | | |
| Brief and concise description of the work to be undertaken and programme milestones where appropriate. | Liaison note will be delivered in accordance with the session number above.  Key milestones / Remaining key milestones for completing the task include:   * Intersessional development of attributes before January 2015 * Intersessional correspondence in the work group 4   Review and finalizing during session 17. | | | | |
| **Task Revision** | **Ver.** | **Date** | **Part / Section Revised** | **Requirement for Revision** | |
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| **TR3** | **MSP3:** Traffic Organization Service (TOS) | | | | Operational User Needs |
| Objectives of the task | To provide necessary attribute for the development of Product Specifications of MSP3 – Traffic Organization Service from shore-based providers. | | | | |
| Expected outcome | Delivery of liaison note related to MSP3. | | | | |
| Strategic Alignment | **Goal**: Ensure that aids to navigation systems and related services, including e-Navigation, Vessel Traffic Services, and emerging technologies, through international cooperation and the provision of standards are harmonised.  **Strateg**y: Harmonize the information structure, Maritime Service Portfolios, and communications for e-Navigation by creating standards, and by cooperation with other relevant international organizations, to achieve worldwide interoperability of shores and ship systems, including IMO sustainability goals for a maritime transport and safety system.  **Priority**: Develop guidance on MSP information content and implementation, positioning, communications, Maritime Service Portfolios, and data integration, and modelling for e-Navigation. | | | | |
| Scope (Describe key items that are in scope/out of scope) | Provide an overview on necessary attributes that should be taken into account when developing the technical product specifications of MSP3 - Traffic Organization Service. The scope of the task will be to deliver a first liaison note early in the work period to other working groups for further development based on the developed operational aspects in accordance with e-Navigation services arising from the Maritime Service Portfolios. Input from the IMO Strategy Implementation Plan (SIP), the IMO user needs survey, and from IALA will be recognized.  The proposed attributes will be based on guidelines and recommendations developed by IHO, IALA, WMO, MRCC, and other shore-based maritime authorities. | | | | |
| Expected Sessions for Completion: | Session number:  15 16 17 18 19 20 21  X  X | | | | |
| Brief and concise description of the work to be undertaken and programme milestones where appropriate. | Liaison note will be delivered in accordance with the session number above.  Key milestones / Remaining key milestones for completing the task include:   * Intersessional development of attributes before January 2015 * Intersessional correspondence in the work group 4   Review and finalizing during session 17. | | | | |
| **Task Revision** | **Ver.** | **Date** | **Part / Section Revised** | **Requirement for Revision** | |
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| **TR10** | **MSP10:** Maritime Assistance Service (MAS) | | | | Operational User Needs |
| Objectives of the task | To provide necessary attribute for the development of Product Specifications of MSP10 – Maritime Assistance Service from shore-based providers. | | | | |
| Expected outcome | Delivery of liaison note related to MSP10. | | | | |
| Strategic Alignment | **Goal**: Ensure that aids to navigation systems and related services, including e-Navigation, Vessel Traffic Services, and emerging technologies, through international cooperation and the provision of standards are harmonised.  **Strateg**y: Harmonize the information structure, Maritime Service Portfolios, and communications for e-Navigation by creating standards, and by cooperation with other relevant international organizations, to achieve worldwide interoperability of shores and ship systems, including IMO sustainability goals for a maritime transport and safety system.  **Priority**: Develop guidance on MSP information content and implementation, positioning, communications, Maritime Service Portfolios, and data integration, information exchange, and modelling for e-Navigation. | | | | |
| Scope (Describe key items that are in scope/out of scope) | Provide an overview on necessary attributes that should be taken into account when developing the technical product specifications of MSP10 - Maritime Assistance Service. The scope of the task will be to deliver a first liaison note early in the work period to other working groups for further development based on the developed operational aspects in accordance with e-Navigation services arising from the Maritime Service Portfolios. Input from the IMO Strategy Implementation Plan (SIP), the IMO user needs survey, and from IALA will be recognized.  The proposed attributes will be based on guidelines and recommendations developed by IHO, IALA, WMO, MRCC, and other shore-based maritime authorities. | | | | |
| Expected Sessions for Completion: | Session number:  15 16 17 18 19 20 21  X  X | | | | |
| Brief and concise description of the work to be undertaken and programme milestones where appropriate. | Liaison note will be delivered in accordance with the session number above.  Key milestones / Remaining key milestones for completing the task include:   * Intersessional development of attributes before January 2015 * Intersessional correspondence in the work group 4   Review and finalizing during session 17. | | | | |
| **Task Revision** | **Ver.** | **Date** | **Part / Section Revised** | **Requirement for Revision** | |
| 1.0 | 17/10/2014 |  | Document created with commencement of IALA e-nav15 WG4 Work Programme | |

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| **TR6** | **MSP6:** Pilotage Service | | | | Operational User Needs |
| Objectives of the task | To provide necessary attribute for the development of Product Specifications of MSP6 – Pilotage Service from shore-based providers. | | | | |
| Expected outcome | Delivery of liaison note related to MSP6. | | | | |
| Strategic Alignment | **Goal**: Ensure that aids to navigation systems and related services, including e-Navigation, Vessel Traffic Services, and emerging technologies, through international cooperation and the provision of standards are harmonised.  **Strateg**y: Harmonize the information structure, Maritime Service Portfolios, and communications for e-Navigation by creating standards, and by cooperation with other relevant international organizations, to achieve worldwide interoperability of shores and ship systems, including IMO sustainability goals for a maritime transport and safety system.  **Priority**: Develop guidance on MSP information content and implementation, positioning, communications, Maritime Service Portfolios, and data integration, information exchange, and modelling for e-Navigation. | | | | |
| Scope (Describe key items that are in scope/out of scope) | Provide an overview on necessary attributes that should be taken into account when developing the technical product specifications of MSP6 - Pilotage Service. The scope of the task will be to deliver a first liaison note early in the work period to other working groups for further development based on the developed operational aspects in accordance with e-Navigation services arising from the Maritime Service Portfolios. Input from the IMO Strategy Implementation Plan (SIP), the IMO user needs survey, and from IALA will be recognized.  The proposed attributes will be based on guidelines and recommendations developed by IHO, IALA, WMO, and other shore-based maritime authorities. | | | | |
| Expected Sessions for Completion: | Session number:  15 16 17 18 19 20 21  X  X | | | | |
| Brief and concise description of the work to be undertaken and programme milestones where appropriate. | Liaison note will be delivered in accordance with the session number above.  Key milestones / Remaining key milestones for completing the task include:   * Intersessional development of attributes before January 2015 * Intersessional correspondence in the work group 4   Review and finalizing during session 17. | | | | |
| **Task Revision** | **Ver.** | **Date** | **Part / Section Revised** | **Requirement for Revision** | |
| 1.0 | 17/10/2014 |  | Document created with commencement of IALA e-nav15 WG4 Work Programme | |

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| **ENAV Committee – 2014-18 Work Programme** | | | | | |
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| **TR7** | **MSP7:** Tugs Service | | | | Operational User Needs |
| Objectives of the task | To provide necessary attribute for the development of Product Specifications of MSP7 – Tugs Service from shore-based providers. | | | | |
| Expected outcome | Delivery of liaison note related to MSP7. | | | | |
| Strategic Alignment | **Goal**: Ensure that aids to navigation systems and related services, including e-Navigation, Vessel Traffic Services, and emerging technologies, through international cooperation and the provision of standards are harmonised.  **Strateg**y: Harmonize the information structure, Maritime Service Portfolios, and communications for e-Navigation by creating standards, and by cooperation with other relevant international organizations, to achieve worldwide interoperability of shores and ship systems, including IMO sustainability goals for a maritime transport and safety system.  **Priority**: Develop guidance on MSP information content and implementation, positioning, communications, Maritime Service Portfolios, and data integration, information exchange, and modelling for e-Navigation. | | | | |
| Scope (Describe key items that are in scope/out of scope) | Provide an overview on necessary attributes that should be taken into account when developing the technical product specifications of MSP7 - Tugs Service. The scope of the task will be to deliver a first liaison note early in the work period to other working groups for further development based on the developed operational aspects in accordance with e-Navigation services arising from the Maritime Service Portfolios. Input from the IMO Strategy Implementation Plan (SIP), the IMO user needs survey, and from IALA will be recognized.  The proposed attributes will be based on guidelines and recommendations developed by IHO, IALA, WMO, and other shore-based maritime authorities. | | | | |
| Expected Sessions for Completion: | Session number:  15 16 17 18 19 20 21  X  X | | | | |
| Brief and concise description of the work to be undertaken and programme milestones where appropriate. | Liaison note will be delivered in accordance with the session number above.  Key milestones / Remaining key milestones for completing the task include:   * Intersessional development of attributes before January 2015 * Intersessional correspondence in the work group 4   Review and finalizing during session 17. | | | | |
| **Task Revision** | **Ver.** | **Date** | **Part / Section Revised** | **Requirement for Revision** | |
| 1.0 | 17/10/2014 |  | Document created with commencement of IALA e-nav15 WG4 Work Programme | |

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| **TR16** | **MSP16:** Search and Rescue (SAR) Service | | | | Operational User Needs |
| Objectives of the task | To provide necessary attribute for the development of Product Specifications of MSP16 – Search and Rescue Service from shore-based providers. | | | | |
| Expected outcome | Delivery of liaison note related to MSP16. | | | | |
| Strategic Alignment | **Goal**: Ensure that aids to navigation systems and related services, including e-Navigation, Vessel Traffic Services, and emerging technologies, through international cooperation and the provision of standards are harmonised.  **Strateg**y: Harmonize the information structure, Maritime Service Portfolios, and communications for e-Navigation by creating standards, and by cooperation with other relevant international organizations, to achieve worldwide interoperability of shores and ship systems, including IMO sustainability goals for a maritime transport and safety system.  **Priority**: Develop guidance on MSP information content and implementation, positioning, communications, Maritime Service Portfolios, and data integration, information exchange, and modelling for e-Navigation. | | | | |
| Scope (Describe key items that are in scope/out of scope) | Provide an overview on necessary attributes that should be taken into account when developing the technical product specifications of MSP16 - Search and Rescue Service. The scope of the task will be to deliver a first liaison note early in the work period to other working groups for further development based on the developed operational aspects in accordance with e-Navigation services arising from the Maritime Service Portfolios. Input from the IMO Strategy Implementation Plan (SIP), the IMO user needs survey, and from IALA will be recognized.  The proposed attributes will be based on guidelines and recommendations developed by IHO, IALA, WMO, MRCC, and other shore-based maritime authorities. | | | | |
| Expected Sessions for Completion: | Session number:  15 16 17 18 19 20 21  X  X | | | | |
| Brief and concise description of the work to be undertaken and programme milestones where appropriate. | Liaison note will be delivered in accordance with the session number above.  Key milestones / Remaining key milestones for completing the task include:   * Intersessional development of attributes before January 2015 * Intersessional correspondence in the work group 4   Review and finalizing during session 17. | | | | |
| **Task Revision** | **Ver.** | **Date** | **Part / Section Revised** | **Requirement for Revision** | |
| 1.0 | 17/10/2014 |  | Document created with commencement of IALA e-nav15 WG4 Work Programme | |

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| **ENAV Committee – 2014-18 Work Programme** | | | | | |
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| **TR9** | **MSP9:** Telemedical Maritime Assistance Service | | | | Operational User Needs |
| Objectives of the task | To provide necessary attribute for the development of Product Specifications of MSP9 – Telemedical Maritime Assistance Service from shore-based providers. | | | | |
| Expected outcome | Delivery of liaison note related to MSP9. | | | | |
| Strategic Alignment | **Goal**: Ensure that aids to navigation systems and related services, including e-Navigation, Vessel Traffic Services, and emerging technologies, through international cooperation and the provision of standards are harmonised.  **Strateg**y: Harmonize the information structure, Maritime Service Portfolios, and communications for e-Navigation by creating standards, and by cooperation with other relevant international organizations, to achieve worldwide standardization of reporting and registering of medical events.  **Priority**: Develop guidance on MSP information content and implementation, communications, information exchange and management for e-Navigation. | | | | |
| Scope (Describe key items that are in scope/out of scope) | Provide an overview on necessary attributes that should be taken into account when developing the technical product specifications of MSP9 - Telemedical Maritime Assistance. The scope of the task will be to deliver a first liaison note early in the work period to other working groups for further development based on the developed operational aspects in accordance with e-Navigation services arising from the Maritime Service Portfolios. Input from the IMO Strategy Implementation Plan (SIP), the IMO user needs survey, and from IALA will be recognized.  The proposed attributes will be based on guidelines and recommendations developed by WHO, and other shore-based maritime authorities. | | | | |
| Expected Sessions for Completion: | Session number:  15 16 17 18 19 20 21  X  X | | | | |
| Brief and concise description of the work to be undertaken and programme milestones where appropriate. | Liaison note will be delivered in accordance with the session number above.  Key milestones / Remaining key milestones for completing the task include:   * Intersessional development of attributes before January 2015 * Intersessional correspondence in the work group 4   Review and finalizing during session 17. | | | | |
| **Task Revision** | **Ver.** | **Date** | **Part / Section Revised** | **Requirement for Revision** | |
| 1.0 | 17/10/2014 |  | Document created with commencement of IALA e-nav15 WG4 Work Programme | |

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