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| **Radiocommunication Study Groups** |  |
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e-NAV12/28B

DRAFT WORKPLAN

AGENDA ITEM 1.16

(Working Group 5B-3)

(WP 5B / WP 5A, WP 6A**,** (WP 3K), (WP 4A), (WP 4C), (WP 7B), (WP 7C), (WP 7D))

*1.16 to consider regulatory provisions and spectrum allocations to enable possible new Automatic Identification System (AIS) technology applications and possible new applications to improve maritime radiocommunication in accordance with Resolution****360 [COM6/21]******(WRC‑12)****;*

Resolution 360 **[COM6/21] (WRC‑12)**: *Consideration of regulatory provisions and spectrum allocations for enhanced Automatic Identification System technology applications and for enhanced maritime radiocommunication*

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| 2012 | |
| WP 5B 1st meeting (22.05-01.06.2012) | 1. Initiate activity to determine the AIS requirements in maritime mobile and mobile-satellite services (analysis of current occupancy of AIS1, AIS2, AIS3, and AIS4) as well as the start of the activity to determine the additional and new maritime mobile applications.  2. Liaise to IMO and IALA.  3. Encourage Administrations to submit inputs to justify the additional channels requirements. |
| WP 5B 2nd meeting (5.11-16.11.2012) | 1. Determination and justification of additional AIS channels requirements for new applications and an identification of additional and new maritime-mobile applications:  - analysis of the responses from the Administrations;  - discussion on the need of the appropriate ITU-R Report on the AIS requirements and on the new additional requirements of maritime-mobile service.  2. In case of the requirements are proved, start of the activity to determine the suitable (candidate) frequency bands (frequencies).  3. Draft CPM Report (start) |
| 2013 | |
| WP 5B 3rd meeting | 1. Determine the list of candidate frequencies (channels) for AIS communications. Additionally liaise to the interested WPs and external organizations. (this part of the work should be done in case the requirements are justified).  2. Liaise to interested Working Parties to get the information on the services for which WPs are responsible for (5A, 5C, SG4, SG6, SG7).  Progress on the consideration of additional/ new maritime-mobile service applications.  3. Perform sharing and compatibility studies in the proposed candidates bands (frequencies). WPs responses analysis and additional liaisons if needed.  4. Progress on the development of the ITU-R Report on the AIS requirements and on the new additional requirements of maritime-mobile service.  5. Continue development of CPM Report.  6. Work plan modifications (if needed). |
| WP 5B 4th meeting | 1. Progress on sharing/compatibility studies of frequencies proposed for new AIS channels. Analysis of the responses from the interested WPs.  2. Adjustment (if needed) the list of candidate frequencies for AIS.  3. Progress of the activity on the development of technical and regulatory measures to satisfy the maritime communications requirements.  4. Continue development of CPM Report.  5. Work plan modification (if needed). |
| 2014 | |
| WP 5B 5th meeting | 1. Further work on sharing studies and compatibility  2. Progress on the development of the ITU-R Report on the AIS requirements and on the new additional requirements of maritime-mobile service.  3. Continue development of CPM Report. (Completion not later than 1st July, 2014). |
| WP 5B 6th meeting | Finalization of the activity on CPM Report for WRC-15 |
| WP 5B 7th meeting | Finalization of the ITU-R Report on the AIS requirements and on the new additional requirements of maritime-mobile service. |

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