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| **U.S. ITU-R**  **Study Groups**  **Preparatory**  **Meetings** | **U.S. Working Party 5B**  **Preparatory Meeting #2 for Nov 2020**  **Wednesday, September 30, 2020**  **1:30 – 3 pm Eastern**  **Teleconference Bridge Number**  **United States: (866) 630-5756**  **International: (517) 224-3356**  **Passcode: 1620280** |  |

**Agenda**

1. **Opening Comments** (email BOTH [swright@ntia.gov](mailto:swright@ntia.gov) and [louis.bell@fcc.gov](mailto:louis.bell@fcc.gov) to confirm attendance with Subject: USWP5B Attendance, as we track this throughout the cycle for Delegation determination)

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1. **Approval of the Meeting Agenda**
2. **Reference Docs:** approvedpreparation schedule

 

1. **Documents submitted to ITU WP5B**
   * Doc 93+Annexes 1-17: Chair’s Report on the twenty-fourth meeting of Working Party 5B (20-30 July 2020)
   * Docs 94-117, 119-126: Docs received by WP5B regarding AI 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 1.10, 1.13, 1.14, 1.15, 1.16, 1.17, 1.18, 1.19, ICAO response on ITU-R recommendation P.528-4, and ground wave propagation predictions
   * Doc 118: Info on the preparation of texts for draft CPM to WRC-23
2. **Documents for Consideration:** First Drafts (FD) can also be downloaded at <https://uspreps.ntia.gov/wp5b>

| **Document #** | **Title** | **Author(s)** | **Docs** |
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| USWP5B25-FD-01 | Working Document towards a framework for revisions to Resolution 155 in support of studies under WRC-23 Agenda Item 1.8 | * Don Nellis, FAA * Michael Neale, ACES Corp for FAA * Scott Kotler, Lockheed Martin Corp |  |
| USWP5B25-FS-02 | Working document towards draft CPM Text for WRC-23 AI 1.8 - Use of fixed-satellite service (FSS) networks by control and non-payload communications of unmanned aircraft systems | * Don Nellis, FAA * Michael Neale, ACES Corp for FAA * Scott Kotler, Lockheed Martin Corp |  |
| USWP5B25-FS-03 | Preliminary Draft New Report ITU-R M.[UA\_PFD] - Review of power flux-density limits in accordance with resolves 16 of Resolution 155 (WRC-15) | * Don Nellis, FAA * Michael Neale, ACES Corp for FAA | See website for download |
| USWP5B25-FS-04 | WORKING DOCUMENT TOWARDS A PRELIMINARY DRAFT NEW REPORT/RECOMMENDATION ITU-R M.[UAS CNPC\_CHAR] - Characteristics of unmanned aircraft system control and non-payload Earth stations for use with space stations operating in the Fixed Satellite Service | * Don Nellis, FAA * Michael Neale, ACES Corp for FAA | See website for download |
| USWP5B25-FS-05 | Working document towards preliminary draft new report ITU-R M.[Aero-Wideband-HF] | * Greg Baker, ASRI * Sai Kalyanaraman, Collins Aerospace * Damon Landon, Harris, Wiltshire & Grannis |  |
| USWP5B25-FS-06 | Working document towards preliminary draft new report ITU-R M.[UA-AIRBORNE-DAA] - Guidance on suitable frequency bands and services to be used by airborne unmanned aircraft detect-and-avoid non-cooperative systems | * Don Nellis, FAA * Mohammed Rahman, FAA * Michael Neale, ACES Corp for FAA | See website for download |
| USWP5B25-FS-07 | Working document towards preliminary draft new report ITU-R M.[UA-GROUND-DAA] - Guidance on suitable frequency bands and services to be used by unmanned aircraft ground based detect-and-avoid non-cooperative systems | * Don Nellis, FAA * Mohammed Rahman, FAA * Michael Neale, ACES Corp for FAA |  |
| USWP5B25-FS-08 | Working document towards preliminary draft new report ITU-R M.[15.4-15.7\_GHz\_DAA\_RADAR] - Characteristics of and protection criteria for the aeronautical radionavigation service in the frequency band 15.4-17.3 GHz | * Don Nellis, FAA * Mohammed Rahman, FAA * Michael Neale, ACES Corp for FAA |  |
| USWP5B25-FS-09 | Working document towards preliminary draft new report ITU-R M.[24.45-24.65\_GHz\_DAA\_RADAR] - Characteristics of and protection criteria for the aeronautical radionavigation service in the frequency band 24.45-24.65 GHz | * Don Nellis, FAA * Mohammed Rahman, FAA * Michael Neale, ACES Corp for FAA |  |
| USWP5B25-FS-10 | Working document towards preliminary draft new recommendation ITU-R M.[TER\_AG\_CNPC\_CHAR] - Characteristics of terrestrial, air-ground, unmanned aircraft system control and non-payload communications links operating in the AM(R)S allocation under No. 5.443C | * Don Nellis, FAA * Peter Georgiou, FAA * Michael Neale, ACES Corp for FAA |  |
| USWP5B25-FS-11 | Preliminary Draft Revision to Working Document Toward Draft New Report ITU-R M.[LED-EMI] | * Jerry Ulcek, USCG * Ross Norsworthy, REC Inc * Johnny Schultz, Sev1Tech |  |
| USWP5B25-FS-12 | Proposed corrigendum to Recommendation ITU-R M.489-2 | * Joe Hersey, JOECEL Engineering * Ross Norsworthy, REC Inc * Jeery Ulcek, USCG |  |
| USWP5B25-FS-13 | Preliminary Draft Revision of Recommendation ITU-R M.1371-5 | * Johnny Schultz, Sev1Tech * Jerry Ulcek, USCG * Ross Norsworthy, REC Inc | See website for download |
| USWP5B25-FS-14 | Preliminary Draft Revision of Recommendation ITU-R M.1638-1 | * Fumie Wingo, DON CIO * Taylor King, ACES for DON CIO * Carmelo Rivera for DON CIO |  |
| USWP5B25-FS-15 | Draft Reply Liaison Statement to WP 5D WRC-23 AI 1.1 - Characteristics of aeronautical systems and maritime systems operating in or adjacent to the frequency band 4 800-4 990 MHz | * Fumie Wingo, DON CIO * Taylor King, ACES for DON CIO * Carmelo Rivera, ACES for DON CIO * Jerry Ulcek, USCG |  |
| USWP5B25-FS-16 | Working Document Towards a Preliminary Draft New Recommendation ITU-R M.[MMS in 4800-4990 MHz] | * Fumie Wingo, DON CIO * Taylor King, ACES for DON CIO * Carmelo Rivera, ACES for DON CIO * Jerry Ulcek, USCG | Withdrawn (merged with Doc 17) |
| USWP5B25-FS-17 | Working Document Towards a Preliminary Draft Revision of Recommendation ITU-R M.2116-0 | * Fumie Wingo, DON CIO * Taylor King, ACES for DON CIO * Carmelo Rivera, ACES for DON CIO * Jerry Ulcek, USCG * Ross Norsworthy, REC Inc |  |
| USWP5B25-FS-18 | Workplan for WP 5B efforts in connection with WRC-23 AI 1.10 | * Andrew Meadows, AF * Thu Lu, AF * Giadira Leon, eSimplicity for USAF * Dominic Nguyen, eSimplicity for USAF |  |
| USWP5B25-FS-19 | Working Document Towards a Preliminary Draft Revision of Recommendation ITU-R M.1730-1 | * Andrew Meadows, AF * Thu Lu, AF * Kellen Gibson, DSO * Giadira Leon, eSimplicity for USAF * Dominic Nguyen, eSimplicity for USAF |  |
| USWP5B25-FS-20 | Preliminary Draft Revision (PDR) of ITU-R Recommendation M.1796-2, “Characteristics of and protection criteria for terrestrial radars operating in the radiodetermination service in the frequency band 8 500-10 680 MHz” | * Fumie Nakahara Wingo, DON CIO * Thu Lu, AFSMO * Andrew Meadows, AFSMO * Dominic Nguyen, eSimplicity for USAF * Tan Ly, ASMO * Kellen Gibson, DSO * John Ashley, MITRE for DSO |  |
| USWP5B25-FS-21 | Preliminary Draft Revision (PDR) of ITU-R Recommendation M.1796-2, “Characteristics of and protection criteria for terrestrial radars operating in the radiodetermination service in the frequency band 3 100-3 700 MHz” | * Tan Ly, ASMO * Fumie Nakahara Wingo, DON CIO * Thu Lu, AFSMO * Andrew Meadows, AFSMO * Tito Alvarez, MITRE for Army * Frank Box, MITRE for Army * Dominic Nguyen, eSimplicity for USAF * Kellen Gibson, DSO * John Ashley, MITRE for DSO |  |
| USWP5B25-FS-22 | Proposed updates to Working document towards a preliminary draft new Report, ITU-R M.[RADAR SIMULATIONS], “Simulations of performance for specific primary surveillance radars” | * Chris Tourigny, FAA * Dave Franc, DoC * Robert Leck, ACES Inc * Michael Tran, MITRE for FAA |  |
| USWP5B25-FS-23 | WD-PDN Report ITU-R M.[SUBORBITAL STUDIES], “Regulatory, operational, and technical studies of radiocommunications for suborbital vehicles.” | * Chris Tourigny, FAA * Michael Tran, MITRE for FAA * Nadar Damavandi, Space Exploration Technologies * Damon Ladson, Harris, Wiltshire & Grannis * Don Jansky * Greg Baker, ASRI |  |
| USWP5B25-FS-25 | Work Plan for WRC-23 AI 1.6 | * Chris Tourigny, FAA * Michael Tran, MITRE for FAA * Nadar Damavandi, Space Exploration Technologies * Damon Ladson, Harris, Wiltshire & Grannis * Don Jansky * Greg Baker, ASRI |  |
| USWP5B25-FS-24 | Update to the working document towards a preliminary draft new Report ITU-R M.[FOD\_EESS\_SHARE] | * Daniel Bishop, NASA * Ryan McDonough, NASA * Joshua Whitlinger, NASA (ASTS) | See website for download |

1. **WP 5B Meeting Registration**
2. Self-registration two-step process
   1. Must have TIES account
   2. Attendees initiate self-registration: <https://www.itu.int/net4/ITU-R/events> (opens 9/21/20)
      1. Additional Guidance from State: You get “1 Shot” to the registration process for all the working parties and the Study Group. You will not be able to amend or revise your Registration later on. For example: If you initially register for 5B, and later on decide to add 5C and the Study Group, you will NOT be able to do so. Your original request would have to be “rejected” by the Designated Focal Point (DFP) and then you would have to re-submit a new request. So, please take your time and be careful to include the Working Parties/Study Group that you actually plan to attend – you get “1 shot” for the block.
      2. The Designated Focal Point has to approve your participation (Paul Najarian at DoS for USG and for Sector Members, this will be done with a POC within your company)
      3. If you are a Sector Member and wish to be on the US Delegation, please make sure you are registering under the US Administration and not as a Sector Member. The US does not allow for dual-registration. If you registered for both but prefer to serve on the US delegation, please have your DFP cancel (“reject”) your Sector Member registration. If you inadvertently registered as a Sector Member but want to serve on the US Delegation, please contact your company’s DFP to cancel (“reject”) your Sector Member registration, and re-register under the US Administration to become a member of the US Delegation.
   3. The Study Group, Working Party or Task Group HOD will set a deadline when delegates should complete their self-registration. Within 3 days after the deadline, the DFP will send the HOD the list of registered delegates. The HOD will reply with the approved list of delegates. The DFP will confirm the registration according to the HOD's request.
3. Once this process is completed, you should receive a confirmation email from the ITU and your name should appear under “List of Registered Participants” on the ITU-R webpage
4. **Next Meeting of US WP 5B:** Mtg #3 will be held Oct 13th at 1:30 pm, with second drafts due Oct 7th at 3 pm Eastern
5. **Other Business**