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| **U.S. Radiocommunications Sector**  **Fact Sheet** | |
| **Working Party:** ITU-R WP 4C | **Document No:**  US4C-24R0 |
| **Ref:** Documents 4C/\_\_\_ and 7C/52, Questions ITU-R 217-2/4 and 288/4 | **Date:** 12 July 2024 |
| **Document Title:** Proposed Draft Liaison Statement to Working Party 7C on EESS-RNSS Matters | |
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| **Purpose/Objective:** To provide a Draft Liaison Statement for WP 4C to send to WP 7C on EESS-RNSS matters. | |
| **Abstract:** This contribution is intended to propose a Draft Liaison Statement for WP 4C to send to WP 7C on EESS-RNSS matters, including RFI compatibility between EESS (active) transmitters and RNSS receivers operating in the 1 215‑1 300 MHz frequency band. The September 2024 WP 7C meeting is expected to send a reply LS to WP 4C (Document 4C/\_\_\_)in response to Doc. 7C/52, Reply Liaison Statement to WP 7C on EESS-RNSS Matters (from WP 4C’s April 2024 meeting). The contribution will update WP 7C on relevant developments during the October 2024 WP 4C meeting. | |
| **Fact Sheet prepared by:** Steve Baruch | |

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| **Radiocommunication Study Groups** | Logo  Description automatically generated |
| Sources: Documents 4C/\_\_\_ and 7C/52  Subject: Questions ITU-R [217-2/4](https://www.itu.int/pub/R-QUE-SG04.217) and ITU-R [288/4](http://www.itu.int/pub/R-QUE-SG04.288) | **Document 4C/\_\_\_-E** |
| **\_\_ September 2024** |
| **English only** |
| **United States of America** | |
| Proposed Draft Reply Liaison Statement to Working Party 7C on EESS-RNSS Matters | |
| (Questions ITU-R 217-2/4 and 288/4) | |

**Introduction**

The attachment to this contribution proposes a Draft Reply Liaison Statement on EESS-RNSS matters for WP 4C to modify as appropriate and send to WP 7C.

**Attachment:** 1

**Attachment**

**Working Party 4C**

Draft Reply Liaison Statement to Working Party 7C

**RNSS-Related Comments on [Working Document Toward a ]Preliminary Draft New Report ITU-R RS.[AGG\_EESS\_SAR-RNSS]**

Working Party (WP) 4C thanks WP 7C for its liaison statement in Document 4C/\_\_\_ regarding evaluation of interference from EESS (active) systems and RNSS systems operating in the frequency band 1 215‑1 300 MHz.

With respect to the [working document toward a ]preliminary draft new Report in Annex \_\_ to Doc. 7C/\_\_\_ to address the possibility of aggregate emissions from multiple EESS (active) SAR sensors simultaneously affecting RNSS receivers, [WD]PDN Report ITU-R RS.[Agg\_EESS\_SAR-RNSS], WP 4C supports the progress WP 7C has made in aligning its report with the revision to Report ITU-R M.2305 now under development in WP 4C. At its October 2024 meeting, WP 4C [completed its work on the revision to Report M.2305 and sent the draft revision to Study Group 4 for approval][progressed its work on the revision to Report M.2305, and included a revised PDR Report as Annex \_\_ to the Chairman’s Report of the October 2024 meeting in Doc. 4C/\_\_\_]. WP 4C looks forward to continued alignment of guidance between Study Group 4 and Study Group 7 on how EESS (active) SAR sensors would ensure that the simultaneous interference from multiple SAR sensors into a single RNSS receiver would remain within tolerable levels.

Finally, WP 4C reiterates that the studies in Annex 2 of Report ITU‑R M.2496 that address the relationship of the RNSS receiver code tracking loop bandwidth to the evaluation of interference to RNSS receivers from EESS (active) scatterometer sensors would be important to take into any future consideration of EESS (active) scatterometer sensors.

WP 4C appreciates being kept informed of the status of all EESS-RNSS related work within WP 7C and requests that WP 7C keep it apprised of future progress on subjects concerning potential interference to RNSS receivers.

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| **Status:** For information and action, if any | |
| **Deadline:** 1 May 2025 |  |
| **Contact:**  TBD | **E-mail:** TBD |

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