

IEEE Signal Processing Society Synthetic Aperture Standards Committee (SASC)
Meeting Minutes (draft)

Thursday, 16 October 2025, 12:00p – 1:00p ET (UTC-4) via teleconference

<https://ieeesa.webex.com/ieeesa/j.php?MTID=mfc5d492f436e697752229d6ec82dd182>

1. Call to Order – *meeting called to order at 12:05 pm ET*
2. Introduction and Affiliation Declarations – *in attendance were Amleset Kelati, Ameya Ramadurgakar, Armin Doerry, Bradley Evans, Brian Sequeira, Corina Nafornita, Dalisa Gonzalez, James Gilb, Kumar Vijay Mishra, Mahdi Norooz Oliaei, Peter Vouras, Shubham Sharma, Tareef Al Mahdawi*
 - a. Please read the [IEEE policies](#) on copyrights, behavior, and patents
 - b. Establish quorum – *quorum was established*
3. Approval of Agenda – *agenda was unanimously approved*
 - **Mover: Brian Sequeira**
 - **Secunder: Bradley Evans**
4. Approval of Previous Meeting Minutes – *minutes were unanimously approved*
 - **Mover: Brian Sequeira**
 - **Secunder: Shubham Sharma**
5. IEEE Patent, Behavior, and Copyright Policies – *all policies were reviewed*
 - a. Review if necessary -- [IEEE policies](#)
 - b. Call for patents – *none brought forward*

6. Discussion Topics:
 - a. Status of all working groups

Today's date	Project Number	Title	Chair	Approval Date	Expiration Date	Remaining Time (months)	Last Meeting	Elapsed time since last meeting (months)
16-Oct-25	P3162	Channel Sounding Working Group	David Michelson	24-Mar-22	31-Dec-26	14.7	17-Sep-25	1.0
16-Oct-25	P3355	Synthetic Aperture Radar (SAR) Working Group	Kumar Vijay Mishra	30-Mar-23	31-Dec-27	26.9	17-Oct-25	0.0
16-Oct-25	P3339	Synthetic Aperture Radiometry Working Group	Brian Sequeira	15-Feb-23	31-Dec-27	26.9	23-Oct-25	-0.2
16-Oct-25	P3343	Spatio-Temporal Synchronization of a Synthetic Aperture of Distributed Sensors Working Group	Benjamin Deutschmann	15-Feb-23	31-Dec-27	26.9	14-Nov-25	-1.0
16-Oct-25	P3370	Colocated Multiple-Input Multiple-Output (MIMO) SAR Working Group	Vacant	5-Jun-23	31-Dec-27	26.9	17-Oct-25	0.0
16-Oct-25	P3382	Performance Metrics for Magnetic Resonance Image (MRI) Reconstruction Working Group	Miguel Heredia Conde	29-Jun-23	31-Dec-27	26.9	05-Nov-25	-0.7
16-Oct-25	P3383	Performance Metrics for Integrated Sensing and Communication (ISAC) Systems Working Group	Giuseppe Abreu/Andreas Bathelt	29-Jun-23	31-Dec-27	26.9	06-Nov-25	-0.7
16-Oct-25	P3384	Emitter Geolocation Working Group	Vacant	29-Jun-23	31-Dec-27	26.9	23-Oct-25	-0.2
16-Oct-25	P3397	SAR Image Quality Metrics Working Group	Bariscan Yonel	21-Sep-23	31-Dec-27	26.9	05-Nov-25	-0.7
16-Oct-25	P3399	Performance Metrics for Automotive SAR Working Group	Vacant	21-Sep-23	31-Dec-27	26.9	31-Oct-25	-0.5
16-Oct-25	P3520	Recommended Practice for Leveraging Machine Learning in Synthetic Aperture Imaging and Sensing Working Group	Corina Nafornita	26-Sep-24	31-Dec-28	39.1	20-Oct-25	-0.1
16-Oct-25	P3582	Digital Phased Array Calibration Working Group	P. Vouras/David Schvartzman	27-Mar-25	31-Dec-29	51.2	17-Oct-25	0.0
16-Oct-25	P3199	Synthetic Aperture Sonar (SAS) Working Group	Shannon Steele	6-Dec-23	31-Dec-26	14.7	05-Nov-25	-0.7
16-Oct-25	N/A	Optical Synthetic Aperture Techniques Study Group	Guoan Zheng	26-Jan-23	26-Jan-24	0.0	27-Jul-23	27.1

- b. Review of proposed new PAR; Ameya Ramadurgakar
 - **New PAR was unanimously approved. The title is “Standard for Synthetic Aperture Channel Sounding in Support of Non-Terrestrial Networks”**
 - **Mover: James Gilb**
 - **Secunder: Bradley Evans**

7. New Business -- *none*

8. Future Meetings – *Thursday December 11 at 12 pm ET*

9. Adjourn – *meeting adjourned at 12:51 pm ET*