

WPSA KoM 2026 | Session 1: 16th April 2026, Session 2: 20th April 2026. Online meetings

WPSA Enhancements Kick-off Meeting 2026

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Outline



- Overview and purpose of the meeting
- Agenda
- Status of JT60-SA and timeline
- Q&A





Overview and purpose of the meeting

- Runaway electron monitor
- Compact Neutron Spectrometer
- Vertical Neutron Camera
- Collective Thomson Scattering
- Fast-ion loss detector
- Phase Contrast Imaging
- Pellet Launcher System
- Gamma Ray Spectrometer
- Neutronics assessments in support for WPSA and F4E
- Doppler Reflectometry

- Current status of the system
- Workplan / timeline for 2026 and rough plans for 2027 (host and Naka)
- Inputs needed
- AOB



Overview and purpose of the meeting



- Runaway electron monitor
- Compact Neutron Spectrometer
- Vertical Neutron Camera
- Collective Thomson Scattering
- **Fast-ion loss detector**
- **Phase Contrast Imaging**
- **Pellet Launcher System**
- **Gamma Ray Spectrometer**
- **Neutronics assessments in support for WPSA and F4E**
- Doppler Reflectometry



Agenda

tBeg	tEnd	RO	Diagnostic	Slot duration	Allocation
10:00	10:15	C Sozzi/P Cano Megias	Introduction	0:15:00	10+5 Q&A
10:15	10:30	J Ayllon-Guerola	Fast-ion Loss Detector	0:15:00	10+5 Q&A
10:30	10:45	S Coda	Phase Contrast Imaging	0:15:00	10+5 Q&A
10:45	11:00	P Lang	Pellet Launcher System	0:15:00	10+5 Q&A
11:00	11:15	Y Liang	Directional Electron Probe	0:15:00	10+5 Q&A
11:15	11:27	M Nocente	Gamma Ray Spectroscopy	0:12:00	8+4 Q&A
11:27	11:39	V Kiptili	Supports GRS	0:12:00	8+4 Q&A
11:39	11:51	B Bienkowska	Neutronics	0:12:00	8+4 Q&A
11:51	12:03	K Mikszuta-Michalik	Neutronics	0:12:00	8+4 Q&A
12:03	12:15	G Stankunas	Neutronics	0:12:00	8+4 Q&A
12:15	12:20	C Sozzi/P Cano Megias	Q&A	0:05:00	

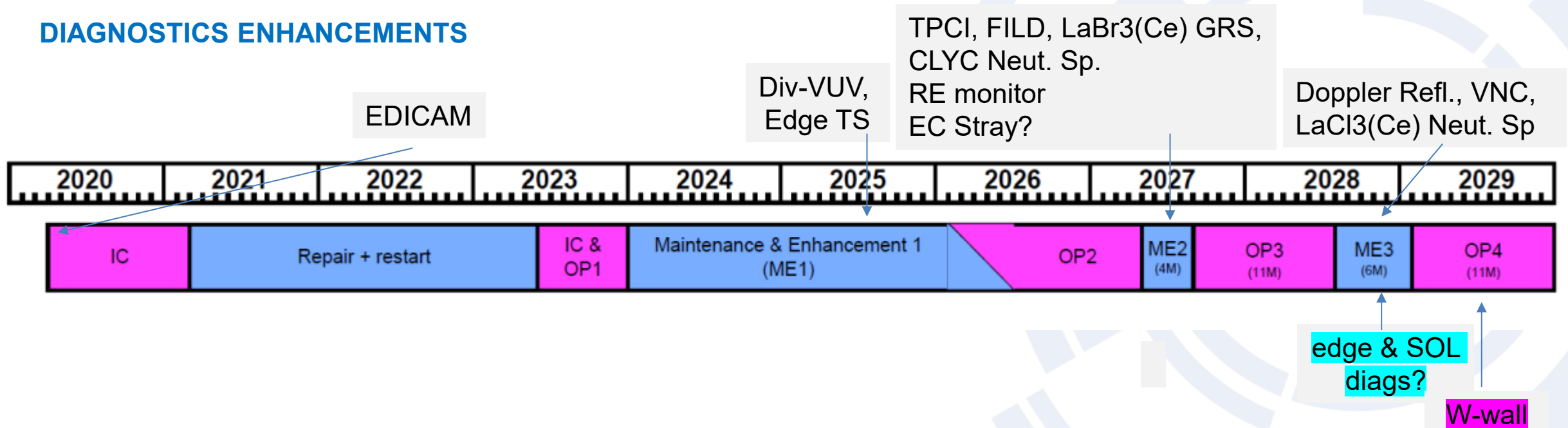


JT60-SA status and timeline



- WPSA supports proposals for diagnostics enhancements to achieve scientific and operation objectives of JT60-SA

DIAGNOSTICS ENHANCEMENTS



- Additional diagnostics considered for edge and SOL (further assessed in TCM-45) in preparation to W transition