

Table 2. Beamlines Available for 2025B Beamtime by Proposal Type

Beamline		User Time Ratio to Total Beamtime	Review (per year)	Period	Proposal Type						Measurement Service ²
No.	Name				Proprietary	General ¹ ★	Non-Proprietary Priority ¹		Graduate Student ¹ ★	Long-Term Graduate Student ¹	
							regular	One-Year ⁸			
Public BLs											
BL01B1	XAFS I	approx. 80%	six times	Oct-Nov 2025 ³	✓	✓	✓	✓	✓	✓	
BL02B1	Single Crystal Structure Analysis	approx. 80%	six times	Oct-Nov 2025 ³	✓	✓	✓	✓	✓	✓	
BL02B2	Powder Diffraction	approx. 80%	six times	Oct-Nov 2025 ³	✓	✓	✓	✓	✓	✓	
BL04B1	High Temperature and High Pressure Research	approx. 60%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	✓	
BL04B2	High Energy X-ray Diffraction	approx. 80%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	✓	
BL08W	High Energy Inelastic Scattering	approx. 80%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	✓	
BL09XU	HAXPES I	approx. 80%	six times	Oct-Nov 2025 ³	✓	✓	✓	✓	✓	✓	
BL10XU	High Pressure Research	approx. 70%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	✓	
BL13XU	X-ray Diffraction and Scattering I	approx. 80%	six times	Oct-Nov 2025 ³	✓	✓	✓	✓	✓	✓	
BL14B2	XAFS II	approx. 80%	six times	Oct-Nov 2025 ³	✓	✓	✓	✓	✓	✓	XAFS
BL19B2	X-ray Diffraction and Scattering II	approx. 75%	six times	Oct-Nov 2025 ³	✓	✓	✓	✓	✓	✓	Powder X-ray Diffraction, SAXS
BL20B2	Medical and Imaging I	approx. 70%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	✓	
BL20XU	Medical and Imaging II	approx. 80%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	✓	
BL25SU	Soft X-ray Spectroscopy of Solid	approx. 80%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	✓	
BL27SU	Soft X-ray Photochemistry	approx. 80%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	✓	
BL28B2 ⁹	White Beam X-ray Diffraction	approx. 70%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	✓	CT ⁹
BL35XU ⁴	Inelastic and Nuclear Resonant Scattering	approx. 80%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	✓	
BL37XU	Trace Element Analysis	approx. 80%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	✓	
BL39XU	X-ray Absorption and Emission Spectroscopy	approx. 70%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	✓	
BL40B2	SAXS BM	approx. 75%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	✓	
BL40XU	SAXS ID	approx. 80%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	✓	
BL41XU	Macromolecular Crystallography I	approx. 70%	twice	Research Fields except Structural Biology Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	✓	
				Structural Biology Oct 2025 - Aug 2026 ⁵	✓	✓			✓	✓	
BL43IR	Infrared Materials Science	approx. 65%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	✓	
BL45XU	Macromolecular Crystallography II	approx. 80%	twice	Research Fields except Structural Biology Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	✓	
				Structural Biology Oct 2025 - Aug 2026 ⁵	✓	✓			✓	✓	
BL46XU	HAXPES II	approx. 75%	six times	Oct-Nov 2025 ³	✓	✓	✓	✓	✓	✓	HAXPES
BL47XU	Micro-CT	approx. 65%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	✓	
RIKEN BLs											
BL03XU	RIKEN Analytical Science III	approx. 10%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	△	
BL05XU	R&D-ID I	approx. 20%	six times	Jan - Feb 2026	✓	✓	✓	✓	✓	△	
BL07LSU	R&D-ID II	approx. 10%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	△	
BL15XU ¹⁰	RIKEN Materials Science III	approx. 20%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	△	
				six times Oct-Nov 2025 ³	✓	✓	✓	✓	✓	△	
BL16B2	RIKEN Analytical Science II	approx. 15%	six times	Oct-Nov 2025 ³	✓	✓	✓	✓	✓	△	
BL16XU	RIKEN Analytical Science I	approx. 15%	six times	Oct-Nov 2025 ³	✓	✓	✓	✓	✓	△	
BL17SU	RIKEN Coherent Soft X-ray Spectroscopy	approx. 20%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	△	
BL19LXU ⁴	RIKEN SR Physics	approx. 15%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	△	
BL26B1	RIKEN Structural Genomics I	approx. 80%	twice	Research Fields except Structural Biology Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	△	
				Structural Biology Oct 2025 - Aug 2026 ⁵	✓	✓			✓	△	
BL29XU	RIKEN Coherent X-ray Optics	approx. 20%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	△	
BL32B2	R&D-BM	approx. 10%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	△	
BL32XU	RIKEN Targeted Proteins	approx. 20%	twice	Research Fields except Structural Biology Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	△	
				Structural Biology Oct 2025 - Aug 2026 ⁵	✓	✓			✓	△	
BL36XU	RIKEN Materials Science II	approx. 10%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	△	
BL38B1 ⁷	RIKEN Structural Biology I	approx. 20%	twice	Structural Biology Apr 2025 - Feb 2026 ⁵	✓	✓			✓	△	
BL43LXU ⁴	RIKEN Quantum NanoDynamics	approx. 5%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	△	
BL44B2	RIKEN Materials Science I	approx. 10%	twice	Oct 2025 - Feb 2026	✓	✓	✓	✓	✓	△	
CryoTEMs											
CryoTEM	EM01CT / EM02CT / EM03CT / EM04CT ⁶	under trial operation	twice	Research Fields except Structural Biology Oct 2025 - Feb 2026			✓	✓			
				Structural Biology Oct 2025 - Aug 2026 ⁵	✓	✓			✓	△	

★: Available for complementary use with SACLA, J-PARC MLF or HPCI including the supercomputer Fugaku.

¹ Non-proprietary research proposals.

² Only proprietary research is available. Proposals are accepted and reviewed on a rolling basis or through the regular calls.

³ JASRI will invite proposals to be conducted during the second and third periods of 2025B, in August to September and September to October 2025, respectively. Please note that applications for General Proposals and Graduate Student Proposals are only to be reviewed in the designated review fields.

⁴ Proposals for high-resolution inelastic X-ray scattering will automatically be considered for both BL35XU and BL43LXU: please select BL35XU as beamline choice at application. Similarly, Nuclear Resonant Scattering proposals to BL35XU will also automatically be considered at BL19LXU.

⁵ The research period of proposals using BL41XU, BL45XU, BL32XU or BL26B1 for General Proposals, Graduate Student Proposals in the field of Structural Biology and Proprietary Proposals is set as one year, and the beamtime will be allocated 4 - 5 times a year as needed. In addition, BL38B1 and EM01CT/EM02CT/EM03CT/EM04CT are applicable only for the proposals in the field of Structural Biology and available proposal types are different from other beamlines.

⁶ Applications to CryoTEMs need to be accompanied by applications to other synchrotron beamlines, regardless of the types of proposal.

⁷ Only proposals for Biological Small-Angle Scattering (BioSAXS) research can be applied at BL38B1.

⁸ There is no call for the One-Year proposals for the Non-Proprietary Priority Proposals in the 2025B term.

⁹ BL28B2 will invite measurement service proposals (for regular calls) three times in the 2025B term. The schedule is the same as the calls for Beamlines with sixannual calls.

¹⁰ In the 2025B term, BL15XU will invite research proposals using high-pressure equipment two times a year and the laminography imaging system six times a year.