

Table 2. Beamlines Available for 2026B Beamtime by Proposal Type

Beamline		User Time Ratio to Total Beamtime of 291 shifts	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. 70%	six times	Oct - Nov 2026 ³	✓	✓	✓	✓	✓	✓	
BL02B1	Single Crystal Structure Analysis	approx. 80%	six times	Oct - Nov 2026 ³	✓	✓	✓	✓	✓	✓	
BL02B2	Powder Diffraction	approx. 80%	six times	Oct - Nov 2026 ³	✓	✓	✓	✓	✓	✓	
BL04B1	High Temperature and High Pressure Research	approx. 80%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	✓	
BL04B2	High Energy X-ray Diffraction	approx. 80%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	✓	
BL08W	High Energy Inelastic Scattering	approx. 80%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	✓	
BL09XU	HAXPES I	approx. 80%	six times	Oct - Nov 2026 ³	✓	✓	✓	✓	✓	✓	
BL10XU	High Pressure Research	approx. 70%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	✓	
BL13XU	X-ray Diffraction and Scattering I	approx. 80%	six times	Oct - Nov 2026 ³	✓	✓	✓	✓	✓	✓	
BL14B2	XAFS II	approx. 80%	six times	Oct - Nov 2026 ³	✓	✓	✓	✓	✓	XAFS	
BL15XU ¹⁰	High-Energy Imaging & Extreme Conditions Diffraction	approx. 40%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	✓	
		approx. 20%	six times	Oct - Nov 2026 ³	✓	✓	✓	✓	✓	✓	
BL19B2	X-ray Diffraction and Scattering II	approx. 80%	six times	Oct - Nov 2026 ³	✓	✓	✓	✓	✓	Powder X-ray Diffraction, SAXS	
BL20B2	Medical and Imaging I	approx. 70%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	✓	
BL20XU	Medical and Imaging II	approx. 80%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	✓	
BL25SU	Soft X-ray Spectroscopy of Solid	approx. 80%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	✓	
BL27SU	Soft X-ray Photochemistry	approx. 80%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	✓	
BL28B2 ⁹	White Beam X-ray Diffraction	approx. 70%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	CT ⁹	
BL35XU ⁴	Inelastic and Nuclear Resonant Scattering	approx. 80%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	✓	
BL37XU	Trace Element Analysis	approx. 80%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	✓	
BL39XU	X-ray Absorption and Emission Spectroscopy	approx. 65%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	✓	
BL40B2	SAXS BM	approx. 80%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	✓	
BL40XU	SAXS ID	approx. 75%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	✓	
BL41XU	Macromolecular Crystallography I	approx. 70%	twice	Research Fields except Structural Biology Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	✓	
				Structural Biology Oct 2026- Jul 2027 ⁵	✓	✓			✓	✓	
BL45XU	Macromolecular Crystallography II	approx. 80%	twice	Research Fields except Structural Biology Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	✓	
				Structural Biology Oct 2026- Jul 2027 ⁵	✓	✓			✓	✓	
BL46XU	HAXPES II	approx. 80%	six times	Oct - Nov 2026 ³	✓	✓	✓	✓	✓	HAXPES	
BL47XU	Micro-CT	approx. 60%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	✓	
RIKEN BLs											
BL03XU	RIKEN Analytical Science III	approx. 10%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	△	
BL05XU ¹⁰	R&D-ID I	approx. 10%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	△	
		approx. 20%	six times	Oct - Nov 2026 ³	✓	✓	✓	✓	✓	△	
BL07LSU	R&D-ID II	approx. 10%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	△	
BL08B2	RIKEN Regional Cooperation II	approx. 10%	six times	Oct - Nov 2026 ³	△	△	△		△	XAFS	
BL16B2	RIKEN Analytical Science II	approx. 15%	six times	Oct - Nov 2026 ³	✓	✓	✓	✓	✓	△	
BL16XU	RIKEN Analytical Science I	approx. 25%	six times	Oct - Nov 2026 ³	✓	✓	✓	✓	✓	△	
BL17SU	RIKEN Coherent Soft X-ray Spectroscopy	approx. 20%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	△	
BL19LXU ⁴	RIKEN SR Physics	approx. 15%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	△	
BL26B1	RIKEN Structural Genomics I	approx. 80%	twice	Research Fields except Structural Biology Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	△	
				Structural Biology Oct 2026- Jul 2027 ⁵	✓	✓			✓	△	
BL29XU	RIKEN Coherent X-ray Optics	approx. 20%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	△	
BL32B2	R&D-BM	approx. 10%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	△	
BL32XU	RIKEN Targeted Proteins	approx. 20%	twice	Research Fields except Structural Biology Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	△	
				Structural Biology Oct 2026- Jul 2027 ⁵	✓	✓			✓	△	
BL36XU	RIKEN Materials Science II	approx. 10%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	△	
BL38B1 ⁷	RIKEN Structural Biology I	approx. 20%	twice	Structural Biology Oct 2026- Jul 2027 ⁵	✓	✓			✓	△	
BL43LXU ⁴	RIKEN Quantum NanoDynamics	approx. 5%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	△	
BL44B2	RIKEN Materials Science I	approx. 10%	twice	Oct 2026 - Feb 2027	✓	✓	✓	✓	✓	△	
Contract BLs											
BL12B2 ¹¹	NSRRC BM	approx. 20%	twice	Jan - Feb 2027	△	✓			✓		
BL12XU ¹¹	NSRRC ID	approx. 20%	twice	Jan - Feb 2027	△	✓			✓		
BL14B1	QST Quantum Dynamics II	approx. 2%	twice	Oct 2026 - Feb 2027		✓			✓		
CryoTEMs											
CryoTEM	EM01CT / EM02CT / EM03CT / EM04CT ⁶	under trial operation	twice	Research Fields except Structural Biology Oct 2026 - Feb 2027			✓	✓			
				Structural Biology Oct 2026- Jul 2027 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 2026B, in November to December 2026 and January to February 2027, 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 The One-Year proposals of Non-Proprietary Priority Proposal are not applicable in B terms.

⁹ BL28B2 will invite measurement service proposals (for regular calls) three times in the 2026B term. The schedule is the same as the calls for Beamlines with sixannual calls.

¹⁰ The frequency of proposal calls for BL05XU and BL15XU differs depending on the experimental equipment used. BL05XU will invite research proposals reviewed by "Diffraction_syngle crystal," and BL15XU will invite research proposals using high-pressure equipment two times a year and the laminography imaging system six times a year.

¹¹ BL12XU and BL12B2 invite proposals only for use in January to February 2027. Please note that Proposal applications for each Beamlines must be applied in the third period.