

# KOREAN VLBI NETWORK OBSERVING APPLICATION

<b>VLBI</b>		<b>Proposal ID:</b> 2026B-00	
<b>TERM:</b> 2026B		<b>Received Date:</b> 2026/ /	
<b>1. Title of proposal:</b> PROJECT NAME HERE			
<b>2. Authors:</b> (PI on the 1st line)			
<b>Name</b>	<b>E-mail</b>	<b>Institution/Country</b>	<b>Student</b>
Name of author 1	E-mail of author 1	Institution of author 1	No
Name of author 2	E-mail of author 2	Institution of author 2	No
Name of author 3	E-mail of author 3	Institution of author 3	No
*If any student is involved, please give the following information.			
<input type="checkbox"/> M.S. <input type="checkbox"/> Ph.D                      For thesis? <input type="checkbox"/> Yes <input type="checkbox"/> No			
<b>3. Contact author:</b>			
Name: your-name-here    E-mail: your-email-here    Phone: +XX-XXX-XXX-XXXX    FAX: +XX-XXX-XXX-XXXX			
<b>4. Staff support:</b>			
– Observing setup: <input type="checkbox"/> None <input type="checkbox"/> Consultation <input type="checkbox"/> Extensive help			
– Post processing: <input type="checkbox"/> None <input type="checkbox"/> Consultation <input type="checkbox"/> Extensive help			
<b>5. Proposal type:</b>			
<input type="checkbox"/> KVN <input type="checkbox"/> KVN+Sejong(Shared risk mode) <input type="checkbox"/> Joint proposal (network name:    )			
<input type="checkbox"/> Resubmission                      Related previous/current proposal ID:			
<b>6. Scientific categories:</b>			
<input type="checkbox"/> Galactic <input type="checkbox"/> Extragalactic <input type="checkbox"/> Astrometry <input type="checkbox"/> Geodesy <input type="checkbox"/> Radio transient and pulsars			
<input type="checkbox"/> AGN <input type="checkbox"/> Maser <input type="checkbox"/> Galactic center <input type="checkbox"/> Star Formation <input type="checkbox"/> Evolved star			
<b>7. Observing type:</b>			
<input type="checkbox"/> Continuum <input type="checkbox"/> Spectral line <input type="checkbox"/> Phase referencing <input type="checkbox"/> Polarimetry			
<input type="checkbox"/> Survey <input type="checkbox"/> Multi-frequency <input type="checkbox"/> Target of opportunity			
<b>8. Observing frequency and polarization:</b>			
<input type="checkbox"/> 22GHz <input type="checkbox"/> 43GHz <input type="checkbox"/> 86GHz <input type="checkbox"/> 129GHz			
<input type="checkbox"/> Single polarization <input type="checkbox"/> Dual polarization    • Note that Sejong is available at 22/43 GHz (1/2Gbps) only.			
<b>9. Observing sessions:</b>			
<input type="checkbox"/> single epoch <input type="checkbox"/> multiple epochs			
– Total time requested: <u>100 hrs</u>			
– Number of sessions: <u>10</u> ;    Number of hour each: <u>10 hrs</u> ;    Separation: <u>10 days</u>			
– Min/Max LST (HH:MM:SS): <u>hh1:mm1:ss1</u> – <u>hh2:mm2:ss2</u>			
– Preferred range of dates or dates which are NOT acceptable:			
<b>10. Abstract (200 words max, 10 point)</b>			
<i>Sample abstract</i>			

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<b>11. Disk usage (recording time/total time):</b> 0.8								
<b>12. Recording bandwidth:</b> <input type="checkbox"/> 16MHz <input type="checkbox"/> 32MHz <input type="checkbox"/> 64MHz <input type="checkbox"/> 128MHz <input type="checkbox"/> 256MHz <input type="checkbox"/> 512MHz <input type="checkbox"/> 1024MHz <b>Recording rate:</b> <input type="checkbox"/> 1Gbps <input type="checkbox"/> 2Gbps <input type="checkbox"/> 4Gbps <input type="checkbox"/> 8Gbps <input type="checkbox"/> 16Gbps <input type="checkbox"/> 32Gbps								
<b>13. Spectroscopy only</b> (if you observe more than 4 lines, please attach the additional line information in a separate sheet.)								
<b>Items</b>	Line 1	Line 2	Line 3	Line 4				
transitions to be observed	SiO(J=1→0)	SiO(J=1→0)	SiO(J=1→0)	SiO(J=1→0)				
velocity range in LSR (km s <sup>-1</sup> )								
channel bandwidth (kHz)								
rest frequency (MHz)								
<b>14. Number of sources:</b> <input style="width: 50px; text-align: center;" type="text" value="8"/> [If more than 8 sources, please attach separate list.]								
15. Name [order of priority]	Coordinates (J2000)		Freq. (MHz)	Band width (MHz)	Flux density		Time requested (hr)	Cal? (Y/N)
	RA (hh:mm:ss.ss)	DEC (±dd:mm:ss.ss)			total (Jy)	peak (mJy)		
Source name 1	11:22:33.1234	+11:22:33.123	22235.080	100.0000	10.00	20.00	30.0	N
Source name 2								
Source name 8								
<b>16. Correlation setup:</b> – Correlator integration time: <u>1.0</u> (default 0.8096 sec) – Spectral channels per 16 MHz: <u>256</u> (default 128 channel for continuum, 512 for spectral line) <input type="checkbox"/> Full stokes correlation <input type="checkbox"/> Pulsar gating <input type="checkbox"/> P-cal extraction <input type="checkbox"/> Multiple phase center <i>If you need a special correlation setup, please briefly specify here.</i>								
<b>17. Special requirements:</b> – Sites : – Dates : – Frequencies : – etc :								
<b>18. Please attach the following items written in English using TeX. The maximum number of pages is 2+1 if you requested less than 100 hours, otherwise it is 4+1. The minimum font size is 10.</b> – Scientific and technical justifications – List of publications made by previous KVN observations – If you requested ToO (Target of Opportunity) observation, please include well-defined trigger criteria.								