

Call for Proposals: Breakthrough Listen TART Africa Programme 2026

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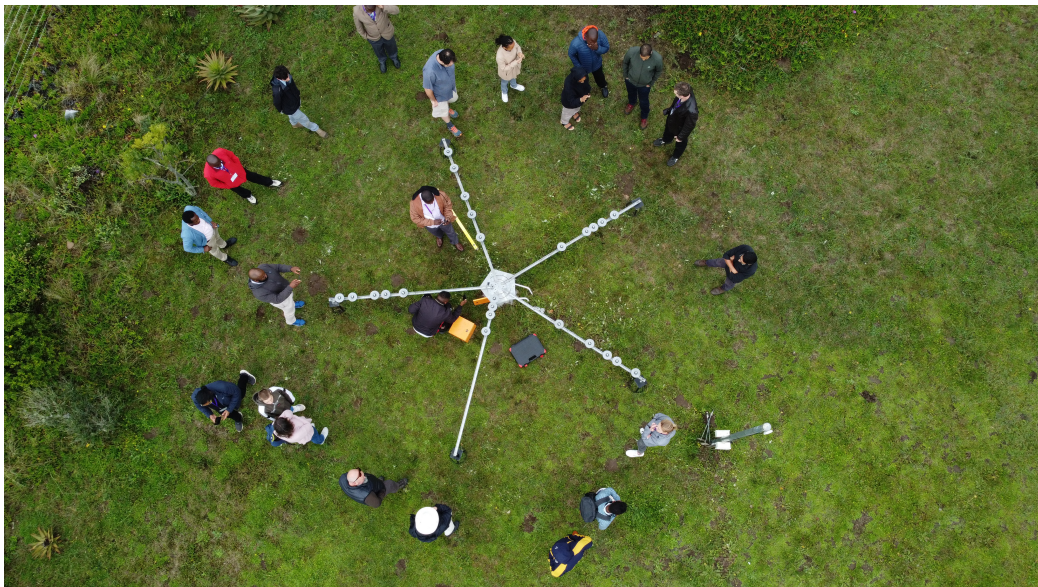
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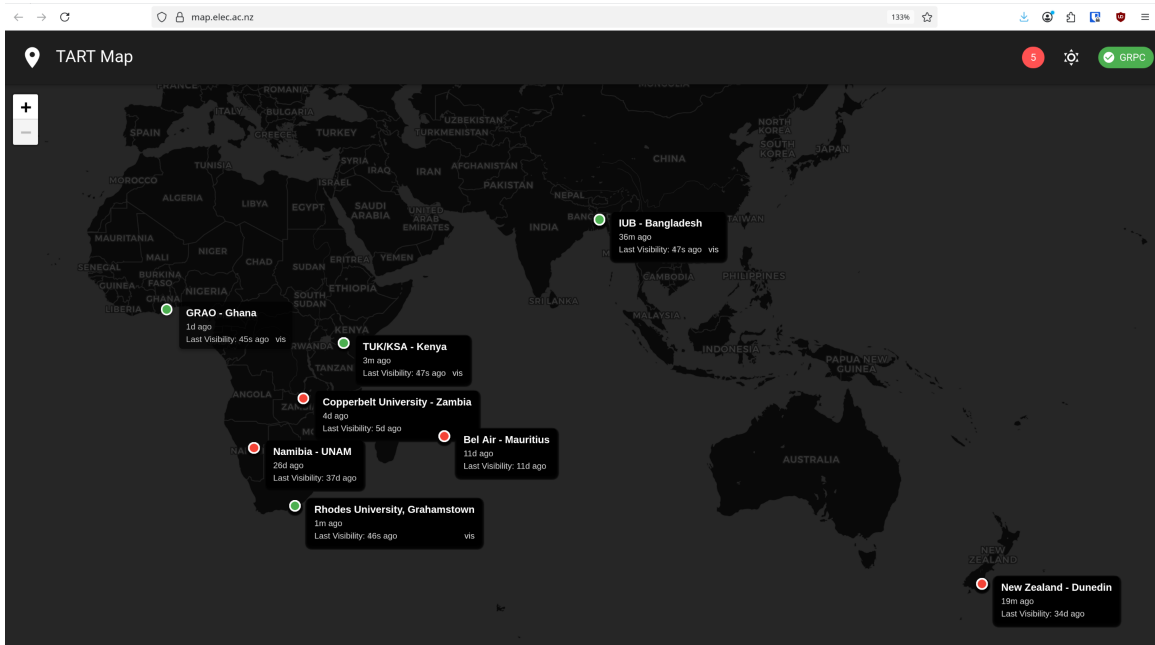
**BREAKTHROUGH
LISTEN**







all-sky · 24 antennas · real-time · open-source · imaging interferometer



TARTVIEWER

IUB - Bangladesh

23.815°, 90.428°

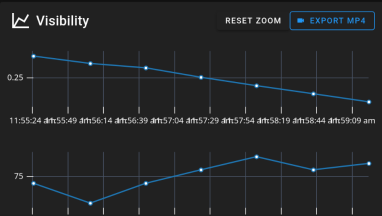
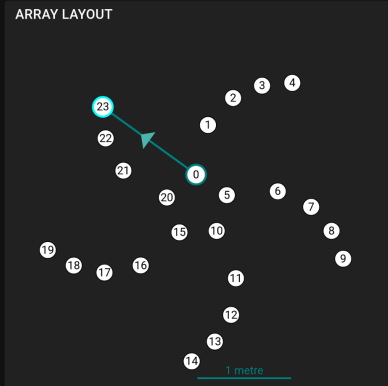
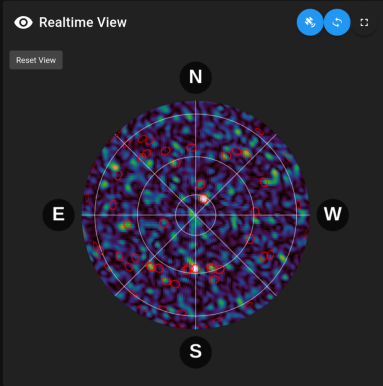
Num Antenna: 24
 Sampling Frequency: 16.368 MHz
 Bandwidth: 2.500 MHz

Operating Frequency: 1575.420 MHz
 LO Frequency: 1571.328 MHz
 Baseband Frequency: 4.092 MHz

Acquisition Config Login Required

Save Raw Data
 Save Visibility Data

Number of Samples: 2*20 (64ms)
 Number of Samples: 2*24 (1025ms)



ANTENNA GAINS & PHASES

0	1	Mag: 1.25	2	1.95	3	0	4	0.8	5	1.65	
0	Pha: 1.55	2.21	0	-1.95	-1.7						
6	1.76	7	1.92	8	1.53	9	1.66	10	0.54	11	1.79
-0.08	-0.38	-1.54	-2.77	2.61	2.63						
12	1.11	13	1.41	14	1.27	15	2.25	16	0.98	17	2.01
0.57	-2.78	0.63	2.15	2.58	-1.85						

Edge Cache

VISIBILITIES RAW (BASEBAND)

2026-03-22T22:59:13.497414+00:00		
2026-03-22T22:58:11.968805+00:00		
2026-03-22T22:57:10.446950+00:00		
2026-03-22T22:56:09.042258+00:00		
2026-03-22T22:55:07.467837+00:00		

Call for Proposals

Financial support from Breakthrough Listen programme to extend the TART telescope network in Africa.

- Site suitability
- Local team strength and technical readiness
- Level of institutional commitment
- Potential for educational impact



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Details

Full details of the proposal PDF

<https://tart.africa/cfp>.

About TART

<https://tart.elec.ac.nz>.

