

The background of the slide is a long-exposure photograph of a night sky, showing numerous curved star trails in shades of blue and white. In the foreground, two large, white, parabolic radio telescope dishes are positioned on a dark, flat surface. The dishes are supported by complex metal structures. In the distance, between the dishes, a small white van and a red piece of equipment are visible. The overall scene is illuminated with a cool, blue-green light, likely from the facility's lighting.

Status of ALMA Activities

Ken Tatematsu
East-Asian ARC Manager



Korean participation from Cycle 2

- Knowledge Transfer Meeting for Korean Colleagues
 - 2013 August 5-9, Mitaka
 - A-Ran Lyo, Miju Kang, and Minho Choi attended
 - They were trained for Phase II Generation, CASA data reduction and QA2 (quality assurance), Pipeline, Helpdesk
 - Important milestone for Korean participation!
- Jongsoo Kim (KVN Project Manager) takes care of Korean ARC activities
- Town Meeting at KASI on Oct 28



Cycle 1

- 2013 Jan: officially started
- Feb scheduled shutdown
- Mar-May: giving priority to commissioning and improvements to infrastructure and overall system stability
- Planned to “resume at nominal priority in June 2013” **but struggled with...**



Cycle 2 Timeline

- Notice of Intent deadline: October 10
- Call for proposals: Oct 24, 2013
- **Deadline: December 5**, 2013
- Beginning of observations: June 1, 2014
- End of observations; October 31, 2015



Cycle 2 Capability DRAFT

- Project Type (cf. Cycle 1)
 - Standard, DDT, ToO (same)
 - No Large Program (same)
 - 10% of A projects (carryover to Cy 3, 4) (0%)
- Antennas
 - 34 12mA antennas (32)
 - 9 7mA antennas (9)
 - 2 TPA antennas (2)



Cycle 2 Capability DRAFT

- 12mA
 - Max baseline for B3,4,6,7 **1.5 km** (1 km)
 - 7 configurations (6)
 - Max baseline for B8, 9 1 km (1km)
 - 6 configurations (6)
 - **# of 12m Config:** OT will tell you from resolution and LAS (1 fixed)
- 7mA
 - 2 configurations (1)
 - No B9 (no B9)



Cycle 2 Capability DRAFT

- Receiver bands
 - B3,4,6,7,8,9 (B3,6,7,9)
- Polarization
 - 12mA, on-axis (beam/3), single field, continuum only in 3 specified freq B3,6,7 (no)
- Correlator setting
 - Max 4 spw/baseband (1)



www.alma.info

The Atacama Large Millimeter/submillimeter Array (ALMA), an international astronomy facility, is a partnership among Europe, Japan and North America, in cooperation with the Republic of Chile. ALMA is funded in Europe by the European Organization for Astronomical Research in the Southern Hemisphere, in Japan by the National Institutes of Natural Sciences (NINS) in cooperation with the Academia Sinica in Taiwan and in North America by the U.S. National Science Foundation (NSF) in cooperation with the National Research Council of Canada (NRC). ALMA construction and operations are led on behalf of Europe by ESO, on behalf of Japan by the National Astronomical Observatory of Japan (NAOJ) and on behalf of North America by the National Radio Astronomy Observatory (NRAO), which is managed by Associated Universities, Inc. (AUI).