Observing Application

Date : Aug, 28 2007
Proposal ID : VLA/07C-250
Legacy ID : AB1280
PI : Michael Busch
Type : Rapid Response - Target of Opportunity
Category : Solar System
Total Time : 2.00

Request for Additional Observations Under Proposal AB1254 (Martian Dust

Abstract:

We request additional L-band observations of Mars, to confirm our detection of non-thermal emission associated with martian dust storms. One of these observations must take place before the VLA is moved from the A configuration.

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Related proposals:

Joint:

Not a Joint Proposal

Observing type(s):

Continuum, Triggered Transient, Spectroscopy

GBT Resources

Sources:

Name	RA / RA Range	Dec / Dec Range	Epoch	Velocity / z	Group
Mars	00:00:00.0 00:00:00.0	+00:00:00 00:00:00	J2000	Velocity : 0	Unspecified Group

Sessions:

Name	Session Time (hours)	Repeat	Separation	LST minimum	LST maximum	Elevation Minimum
Mars	1.00	2	0 day	03:00:00	10:00:00	30

Session Constraints:

Name	Constraints	Comments
Mars	Only certain observation intervals are suitable. Please see proposal. To observe the same region of Mars seen during our observation of an active dust storm in July, we must observe before the move from A configuration begins on September 12.	Please see proposal. To observe the same region of Mars seen during our observation of an active dust storm in July, we must observe before the move from A configuration begins on September 12.

Session Source/Resource Pairs:

Present for observation: no Staff support: Consultation