

INTEROFFICE MEMORANDUM

THIS UPDATE: October 30, 2000
 FROM: Barbara Gaitley
 SUBJECT: Local Mode data acquisition requests for **November 2000**
 FILENAME: /data/MISR_Project/LM/0011_requests.fm

Here is a list of MISR Local Mode observations, to be scheduled by the IOT team. Local Mode acquisition times are for Df acquisition, so there is no other offset needed. Da camera ends acquisition 7:35 minutes later. Data acquisition times are based on the latest GRNDTRCK7_* file, in this case that of October 8, 2000, acquisition times beyond the 7 week period covered by that file are estimated, as are extents. Rows proceeded with an * are extra critical: field campaign in progress.

Data product req'd	Prior-ity	LM #	Site Name	Path	Block	Date	Orbit #	GMT (Df)	Extent (km)
Cal_north		---	---	--	--	November 01, 2000	4653	2000/306/21:06:26	---
Cal_south		---	---	--	--	November 01, 2000	4654	2000/306/23:44:59	---
L2-AS		#012	TWP_Manus	97	92	November 02, 2000	4655	2000/307/00:51:54	91.6
Cal_dark			45 °N, 155° W	---	---	November 02, 2000	4660	2000/307/08:28:27	---
L2-AS		#054	Egypt_Desert	177	73	November 02, 2000	4660	2000/307/08:59:35	39.2
Cal_Diode		#094	Lunar_Lake	40	60	November 02, 2000	4666	2000/307/18:48:31	20.6

Data product req'd	Prior-ity	LM #	Site Name	Path	Block	Date	Orbit #	GMT (Df)	Extent (km)
L2-AS	*	#040	Chesapeake	13	61	November 05, 2000	4708	2000/310/16:02:10	105.4
L2-AS		#013	TWP_Nauru	84	91	November 06, 2000	4727	2000/311/23:31:14	5.4
Cal_Diode		#089	Libya_1	187	71	November 08, 2000	4748	2000/313/10:00:54	0.0
L2-AS	*	#079	JPL	41	63	November 09, 2000	4768	2000/314/18:55:50	35.2
L1A		#140	Salar	233	107	November 10, 2000	4780	2000/315/14:57:30	7.3
L2-AS		#012	TWP_Manus	96	92	November 11, 2000	4786	2000/316/00:45:49	72.4
Cal_Diode		#002	Algeria_3	192	66	November 11, 2000	4792	2000/316/10:30:06	54.4
L2-AS	*	#040	Chesapeake	14	61	November 12, 2000	4810	2000/317/16:08:11	31.0
Cal_Diode			Egypt_1, lat 27.12, lon 26.10	179	69	November 16, 2000	4864	2000/321/09:10:35	26.2
Cal_Diode		#003	Algeria_5	195	66	November 16, 2000	4865	2000/321/10:48:23	39.2
Cal_Diode		#189	White_Sands	33	64	November 17, 2000	4884	2000/322/18:06:34	3.1
L2-AS		#012	TWP_Manus	97	92	November 18, 2000	4888	2000/323/00:51:43	93.3
L2-AS		#054	Egypt_Desert	177	73	November 18, 2000	4893	2000/323/08:59:22	40.4
Cal_Diode		#094	Lunar_Lake	40	60	November 18, 2000	4899	2000/323/18:48:17	19.9
L2-AS	*	#040	Chesapeake	13	61	November 21, 2000	4941	2000/326/16:01:45	108.6
L2-AS		#013	TWP_Nauru	84	91	November 22, 2000	4960	2000/327/23:30:44	12.6
Cal_Diode		#089	Libya_1	187	71	November 24, 2000	4981	2000/329/10:00:18	7.6
L2-AS	*	#079	JPL	41	63	November 25, 2000	5001	2000/330/18:55:09	24.9

Data product req'd	Prior-ity	LM #	Site Name	Path	Block	Date	Orbit #	GMT (Df)	Extent (km)
L1A		#140	Salar	233	107	November 26, 2000	5013	2000/331/14:56:45	6.6
L2-AS		#012	TWP_Manus	96	92	November 27, 2000	5019	2000/332/00:47:00	77.0
Cal_Diode		#002	Algeria_3	192	66	November 27, 2000	5025	2000/332/10:31:00	50.0
L2-AS	*	#040	Chesapeake	14	61	November 28, 2000	5043	2000/333/16:10:00	26.0

The column labelled "data product required" reflects the highest level of data processing that our science teams members will request, for either Global Mode or Local Mode data products. In the case of Global Mode data products, the processing to Level 2 data products may not be done for data sets acquired prior to May 1, 2000. This table thus gives a list of orbits where we would like early mission data to be processed to Level 2. As this file resides on the developers page, it is for internal JPL use only. Therefore, it is a "wishlist", and does not commit us to producing these products to outside investigators. We recognize that Local Mode data are currently only produced to L1B1 at the DAAC. Thus, the request for L2 Local Mode data products cannot be fulfilled at this time. The purpose of this column, with respect to L2-LM products, is to track of which data sets should be processes to L2, should this capability come to exist some time in the future.

This document is also used as a history, documenting Local Mode and calibration data sets for future reference.

Those cases labelled as 'Cal_Diode' and 'Cal_Dark' do not start at the Df camera time listed, but at a time appropriate for the Cal_Diode or Cal_Dark sequence of events. Cal_Diode will be done on the desert calibration sites instead of Local Mode. Cal_Dark is scheduled every other new moon, Cal_North and Cal_South are done on the following orbit as part of the Cal_Dark sequence. The sequence is being done in November due to an SFE problem in late October, at the time of the new moon.