

**INTEROFFICE MEMORANDUM**

THIS UPDATE: December 22, 2003  
 FROM: Barbara Gaitley  
 SUBJECT: Local Mode data acquisition requests for **December 2003**  
 FILENAME: /data/MISR\_Project/LM/0312\_requests.fm

This is the December 2003 list of MISR Local Mode observations to be scheduled by the IOT team. Data acquisition times are based on the latest available GRNDTRCK7\_\* file, of November 24, 2003. Rows proceeded with an \* have field campaign in progress.

The first table included in this monthly request list shows the length of time for each type of event and the corresponding time offset. This means that the “GMT Start Time” in the main table truly reflects the start time of any event, there is no conversion from Local Mode start time for other types of activities. The type of event is flagged as a reminder of the offset from nadir that is build into the listed time. Cal\_dark sequences are scheduled every other new moon, there is a not Cal\_dark sequence in December.

**Table 1: Acquisition Times And Offsets**

Operation	Table Abbreviation	Duration (minutes)	Before Nadir (in Table)	Comments
Local Mode	LM	7:35	3:47	
Cal_diode, sequence of 4	CD	2:08 each	4:42, first one	Warm up diodes for 5 minutes before starting Cal_Diode
Cal_dark	DK	6:10	---	Preferably 7 minutes before end of orbit
Cal_north	CN	7:11	---	Scheduled by IOT team before Cal_dark orbit
Cal_south	CS	8:10	---	Scheduled by IOT team before Cal_dark orbit

**Table 2: December 2003 Requests**

Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1	*	#223	Carnarvon	93	111	December 01, 2003	21023	2003/335/00:20:55 (LM)	10.3
L2-AS		#013	TWP_Nauru	84	91	December 01, 2003	21037	2003/335/23:18:25 (LM)	3.8
Cal_Diode		#089	Libya_1	187	71	December 03, 2003	21058	2003/337/09:47:11 (CD)	7.0
Cal_Diode		#166	Pacific_Temp	50	67	December 03, 2003	21064	2003/337/19:39:03 (CD)	128.1
L2-AS	*	#070	Houston	25	67	December 04, 2003	21077	2003/338/17:05:27 (LM)	25.0
L2-AS		#079	JPL	41	63	December 04, 2003	21078	2003/338/18:43:03 (LM)	39.5
L1B1		#091	London	201	49	December 05, 2003	21088	2003/339/11:07:07 (LM)	19.4
L1A		#140	Salar	233	107	December 05, 2003	21090	2003/339/14:44:44 (LM)	16.0
Cal_Diode		#109	MOBY_Buoy	64	74	December 05, 2003	21094	2003/339/21:08:01 (CD)	34.4
L2-AS		#012	TWP_Manus	96	92	December 06, 2003	21096	2003/340/00:33:03 (LM)	64.1
Cal_Diode		#002	Algeria_3	192	66	December 06, 2003	21102	2003/340/10:16:26 (CD)	58.9
L2-AS	*	#040	Chesapeake	14	61	December 07, 2003	21120	2003/341/15:55:27 (LM)	34.8
L1B1	*	#223	Carnarvon	94	111	December 08, 2003	21125	2003/342/00:27:03 (LM)	162.0
L2-AS		#013	TWP_Nauru	85	91	December 08, 2003	21139	2003/342/23:24:32 (LM)	171.6
L1B1		#205	Plymouth	204	50	December 10, 2003	21161	2003/344/11:25:54 (LM)	55.6
Cal_Diode		#204	Egypt_1	179	69	December 11, 2003	21174	2003/345/08:57:02 (CD)	20.0
Cal_Diode		#003	Algeria_5	195	66	December 11, 2003	21175	2003/345/10:34:51 (CD)	33.8

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Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS	*	#070	Houston	26	67	December 11, 2003	21179	2003/345/17:11:33 (LM)	120.5
L2-AS		#012	TWP_Manus	97	92	December 13, 2003	21198	2003/347/00:39:09 (LM)	103.3
L1B1		#054	Egypt_Desert	177	73	December 13, 2003	21203	2003/347/08:46:50 (LM)	48.0
L2-AS	*	#040	Chesapeake	15	61	December 14, 2003	21222	2003/348/16:01:30 (LM)	169.2
L2-AS	*	#040	Chesapeake	13	61	December 16, 2003	21251	2003/350/15:49:22 (LM)	101.0
L1B1	*	#223	Carnarvon	93	111	December 17, 2003	21256	2003/351/00:20:57 (LM)	9.3
L2-AS		#013	TWP_Nauru	84	91	December 18, 2003	21270	2003/351/23:18:25 (LM)	0.0
Cal_Diode		#089	Libya_1	187	71	December 18, 2003	21291	2003/353/09:47:10 (CD)	4.9
Cal_Diode		#166	Pacific_Temp	50	67	December 18, 2003	21297	2003/353/19:39:01 (CD)	129.8
L2-AS	*	#070	Houston	25	67	December 20, 2003	21310	2003/354/17:05:25 (LM)	27.4
L2-AS		#079	JPL	41	63	December 20, 2003	21311	2003/354/18:43:01 (LM)	36.9
L1B1		#091	London	201	49	December 21, 2003	21321	2003/355/11:07:04 (LM)	21.8
L1A		#140	Salar	233	107	December 21, 2003	21323	2003/355/14:44:41 (LM)	13.2
Cal_Diode		#109	MOBY_Buoy	64	74	December 21, 2003	21327	2003/355/21:07:57 (CD)	31.3
L2-AS		#012	TWP_Manus	96	92	December 22, 2003	21329	2003/356/00:33:00 (LM)	67.6
Cal_Diode		#002	Algeria_3	192	66	December 22, 2003	21335	2003/356/10:16:21 (CD)	56.3
L2-AS	*	#040	Chesapeake	14	61	December 23, 2003	21353	2003/357/15:55:21 (LM)	31.9
L1B1	*	#223	Carnarvon	94	111	December 23, 2003	21358	2003/358/00:26:56 (LM)	158.1

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Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS		#013	TWP_Nauru	85	91	December 24, 2003	21372	2003/358/23:24:25 (LM)	166.5
L1B1		#205	Plymouth	204	50	December 26, 2003	21394	2003/360/11:25:44 (LM)	53.6
Cal_Diode		#204	Egypt_1	179	69	December 27, 2003	21407	2003/361/08:56:52 (CD)	25.7
Cal_Diode		#003	Algeria_5	195	66	December 27, 2003	21408	2003/361/10:34:41 (CD)	39.6
L2-AS	*	#070	Houston	26	67	December 27, 2003	21412	2003/361/17:11:22 (LM)	115.0
L2-AS		#012	TWP_Manus	97	92	December 29, 2003	21431	2003/363/00:38:57 (LM)	96.0
L2-AS		#054	Egypt_Desert	177	73	December 29, 2003	21436	2003/363/08:46:36 (LM)	41.3
L2-AS	*	#040	Chesapeake	15	61	December 30, 2003	21455	2003/364/16:01:16 (LM)	162.0

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. 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. This column tracks data sets that should be processed to L2, when this capability comes to exist.

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

Note: Due to the Terra safhold, there are no data from orbits 21249 to 21344, eliminating the acquisitions shaded above.