

**INTEROFFICE MEMORANDUM**

THIS UPDATE: March 2, 2004  
 FROM: Barbara Gaitley  
 SUBJECT: Local Mode data acquisition requests for **March 2004**  
 FILENAME: /data/MISR\_Project/LM/0403\_requests.fm

This is the March 2004 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 February 23, 2004. 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 Cal\_dark sequence in March

**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: March 2004 Requests**

Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS		#012	TWP_Manus	97	92	March 02, 2004	22363	2004/062/00:38:43 (LM)	88.9
L1B1		#054	Egypt_Desert	177	73	March 02, 2004	22368	2004/062/08:46:23 (LM)	35.2
L2-AS		#040	Chesapeake	15	61	March 03, 2004	22387	2004/063/16:01:03 (LM)	158.1
L2-AS	*	#040	Chesapeake	13	61	March 05, 2004	22416	2004/065/15:48:54 (LM)	112.1
L1B1	*	#223	Carnarvon	93	111	March 06, 2004	22421	2004/066/00:20:28 (LM)	4.9
L2-AS		#013	TWP_Nauru	84	91	March 06, 2004	22435	2004/066/23:17:56 (LM)	12.8
Cal_Diode		#089	Libya_1	187	71	March 08, 2004	22456	2004/068/09:46:41 (CD)	7.0
Cal_Diode		#166	Pacific_Temp	50	67	March 08, 2004	22462	2004/068/19:38:32 (CD)	141.6
L2-AS	*	#070	Houston	25	67	March 09, 2004	22475	2004/069/17:04:56 (LM)	39.3
L2-AS		#079	JPL	41	63	March 09, 2004	22476	2004/069/18:42:32 (LM)	25.8
L1B1		#091	London	201	49	March 10, 2004	22486	2004/070/11:06:35 (LM)	30.0
L1A		#140	Salar	233	107	March 10, 2004	22488	2004/070/14:44:11 (LM)	0.0
Cal_Diode		#109	MOBY_Buoy	64	74	March 10, 2004	22492	2004/070/21:07:27 (CD)	18.8
L2-AS		#012	TWP_Manus	96	92	March 11, 2004	22494	2004/071/00:32:30 (LM)	81.7
Cal_Diode		#002	Algeria_3	192	66	March 11, 2004	22500	2004/071/10:10:52 (CD)	44.7
L2-AS	*	#040	Chesapeake	14	61	March 12, 2004	22518	2004/072/15:54:52 (LM)	21.1
L1B1	*	#223	Carnarvon	94	111	March 13, 2004	22523	2004/073/00:26:27 (LM)	144.8
L2-AS		#013	TWP_Nauru	85	91	March 13, 2004	22537	2004/073/23:23:56 (LM)	152.9
L1B1		#205	Plymouth	204	50	March 15, 2004	22559	2004/075/11:25:16 (LM)	44.2

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Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
Cal_Diode		#204	Egypt_1	179	69	March 16, 2004	22572	2004/076/08:56:23 (CD)	36.7
Cal_Diode		#003	Algeria_5	195	66	March 16, 2004	22573	2004/076/10:34:12 (CD)	49.9
L2-AS	*	#070	Houston	26	67	March 16, 2004	22577	2004/076/17:10:53 (LM)	104.5
Cal_North		---	51.2 °N, 163.3 °E	202	---	March 17, 2004	22588	2004/077/10:55:31 (CN)	---
Cal_South		---	81.3 °S, 178.9 °E	1	---	March 17, 2004	22590	2004/077/15:13:46 (CS)	---
Cal_Dark		---	25.0 °S, 84.1 °E	17	---	March 17, 2004	22591	2004/077/17:09:51 (DK)	---
L2-AS		#012	TWP_Manus	97	92	March 18, 2004	22596	2004/078/00:38:28 (LM)	83.4
L1B1		#054	Egypt_Desert	177	73	March 18, 2004	22601	2004/078/08:46:08 (LM)	30.3
L2-AS	*	#040	Chesapeake	15	61	March 19, 2004	22620	2004/079/16:00:48 (LM)	153.6
L2-AS	*	#040	Chesapeake	13	61	March 21, 2004	22649	2004/081/15:48:38 (LM)	116.7
L1B1	*	#223	Carnarvon	93	111	March 22, 2004	22654	2004/082/00:20:12 (LM)	11.0
L2-AS		#013	TWP_Nauru	84	91	March 22, 2004	22668	2004/082/23:17:40 (LM)	19.0
Cal_Diode		#089	Libya_1	187	71	March 24, 2004	22689	2004/084/09:46:24 (CD)	13.2
Cal_Diode		#166	Pacific_Temp	50	67	March 24, 2004	22695	2004/084/19:38:15 (CD)	147.4
L2-AS	*	#070	Houston	25	67	March 25, 2004	22708	2004/085/17:04:38 (LM)	44.9
L2-AS		#079	JPL	41	63	March 25, 2004	22709	2004/085/18:42:14 (LM)	20.4
L1B1		#091	London	201	49	March 26, 2004	22719	2004/086/11:06:17 (LM)	33.8
L1A		#140	Salar	233	107	March 26, 2004	22721	2004/086/14:43:53 (LM)	7.9
Cal_Diode		#109	MOBY_Buoy	64	74	March 26, 2004	22725	2004/086/21:07:09 (CD)	12.0
L2-AS		#012	TWP_Manus	96	92	March 27, 2004	22727	2004/087/00:32:12 (LM)	88.9

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Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
Cal_Diode		#002	Algeria_3	192	66	March 27, 2004	22733	2004/087/10:15:34 (CD)	38.5
L2-AS	*	#040	Chesapeake	14	61	March 28, 2004	22751	2004/088/15:54:33 (LM)	15.7
L1B1	*	#223	Carnarvon	94	111	March 28, 2004	22756	2004/089/00:26:08 (LM)	137.9
L2-AS		#013	TWP_Nauru	85	91	March 29, 2004	22770	2004/089/23:23:36 (LM)	145.3
L1B1		#205	Plymouth	204	50	March 31, 2004	22792	2004/091/11:24:56 (LM)	39.9

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.