

**INTEROFFICE MEMORANDUM**

THIS UPDATE: June 4, 2004  
 FROM: Barbara Gaitley  
 SUBJECT: Local Mode data acquisition requests for **June 2004**  
 FILENAME: /data/MISR\_Project/LM/0406\_requests.fm

This is the June 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 May 24, 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 not a Cal\_dark sequence in June

**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: June 2004 Requests**

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	June 01, 2004	23702	2004/153/23:23:32 (LM)	153.5
L2-AS	*	#227	Monterey_EVE	44	61	June 02, 2004	23714	2004/154/18:59:56 (LM)	21.1
L1B1		#205	Plymouth	204	50	June 03, 2004	23724	2004/155/11:24:53 (LM)	46.8
Cal_Diode		#204	Egypt_1	179	69	June 04, 2004	23737	2004/156/08:56:01 (CD)	34.9
Cal_Diode		#003	Algeria_5	195	66	June 04, 2004	23738	2004/156/10:33:50 (CD)	48.1
Cal_South		---	65.3 °S, 101.25 °W	10	---	June 04, 2004	23741	2004/156/16:02:00 (CS)	---
L2-AS	*	#070	Houston	26	67	June 04, 2004	23742	2004/156/17:10:31 (LM)	106.5
L2-AS		#012	TWP_Manus	97	92	June 06, 2004	23761	2004/158/00:38:07 (LM)	85.3
L1B1		#054	Egypt_Desert	177	73	June 06, 2004	23766	2004/158/08:45:47 (LM)	32.6
L2-AS		#040	Chesapeake	15	61	June 07, 2004	23785	2004/159/16:00:28 (LM)	156.0
L2-AS	*	#040	Chesapeake	13	61	June 07, 2004	23814	2004/161/15:48:19 (LM)	113.8
L2-AS		#013	TWP_Nauru	84	91	June 10, 2004	23833	2004/162/23:17:21 (LM)	15.7
Cal_Diode		#089	Libya_1	187	71	June 12, 2004	23854	2004/164/09:46:06 (CD)	9.3
Cal_Diode		#166	Pacific_Temp	50	67	June 12, 2004	23860	2004/164/19:37:58 (CD)	143.6
L2-AS	*	#070	Houston	25	67	June 13, 2004	23873	2004/165/17:04:21 (LM)	40.6
L2-AS		#079	JPL	41	63	June 13, 2004	23874	2004/165/18:41:57 (LM)	24.7
L1B1		#091	London	201	49	June 14, 2004	23884	2004/166/11:06:01 (LM)	31.4
L1A		#140	Salar	233	107	June 14, 2004	23886	2004/166/14:43:37 (LM)	3.1
Cal_Diode		#109	MOBY_Buoy	64	74	June 14, 2004	23890	2004/166/21:06:53 (CD)	16.9

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Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS		#012	TWP_Manus	96	92	June 15, 2004	23892	2004/167/00:31:56 (LM)	83.9
Cal_Diode		#002	Algeria_3	192	66	June 15, 2004	23898	2004/167/10:15:18 (CD)	43.3
L2-AS	*	#040	Chesapeake	14	61	June 16, 2004	23916	2004/168/15:54:18 (LM)	20.3
L2-AS		#013	TWP_Nauru	85	91	June 17, 2004	23935	2004/169/23:23:22 (LM)	151.4
L1B1		#205	Plymouth	204	50	June 19, 2004	23957	2004/171/11:24:42 (LM)	45.8
L2-AS	*	#233	Qatar	163	70	June 20, 2004	23969	2004/172/07:18:17 (LM)	83.4
Cal_Diode		#204	Egypt_1	179	69	June 20, 2004	23970	2004/172/08:55:50 (CD)	37.1
Cal_Diode		#003	Algeria_5	195	66	June 20, 2004	23971	2004/172/10:33:39 (CD)	50.3
L2-AS	*	#070	Houston	26	67	June 20, 2004	23975	2004/172/17:10:20 (LM)	104.2
L2-AS		#012	TWP_Manus	97	92	June 22, 2004	23994	2004/174/00:37:56 (LM)	82.7
L2-AS	*	#232	Ar_Ruways	161	71	June 22, 2004	23998	2004/174/07:06:20 (LM)	75.0
L1B1		#054	Egypt_Desert	177	73	June 22, 2004	23999	2004/174/08:45:36 (LM)	30.0
L2-AS	*	#040	Chesapeake	15	61	June 23, 2004	24018	2004/175/16:00:16 (LM)	153.7
L2-AS	*	#229	Al_Fujayrah	159	70	June 24, 2004	24027	2004/176/06:53:36 (LM)	53.3
L2-AS	*	#236	SolarVillage	166	71	June 25, 2004	24042	2004/177/07:36:54 (LM)	37.1
L2-AS	*	#040	Chesapeake	13	61	June 25, 2004	24047	2004/177/15:48:06 (LM)	116.0
L2-AS		#013	TWP_Nauru	84	91	June 26, 2004	24066	2004/178/23:17:08 (LM)	18.9
L2-AS	*	#235	Harad	164	71	June 27, 2004	24071	2004/179/07:24:44 (LM)	36.5
Cal_Diode		#089	Libya_1	187	71	June 28, 2004	24087	2004/180/09:45:53 (CD)	12.2
Cal_Diode		#166	Pacific_Temp	50	67	June 28, 2004	24093	2004/180/19:37:44 (CD)	146.4

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Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS	*	#232	Ar_Ruways	162	71	June 29, 2004	24100	2004/181/07:12:18 (LM)	76.9
L2-AS	*	#070	Houston	25	67	June 29, 2004	24106	2004/181/17:04:07 (LM)	43.7
L2-AS		#079	JPL	41	63	June 29, 2004	24107	2004/181/18:41:43 (LM)	21.8
L1B1		#091	London	201	49	June 30, 2004	24117	2004/182/11:05:47 (LM)	33.9
L1A		#140	Salar	233	107	June 30, 2004	24119	2004/182/14:43:23 (LM)	7.3
Cal_Diode		#109	MOBY_Buoy	64	74	June 30, 2004	24123	2004/182/21:06:39 (CD)	13.6

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.

The May Cal\_South sequence was done in June after being cancelled in May. The goniometer had not homed correctly, and the problem needed studying before the acquisition was done.