

**INTEROFFICE MEMORANDUM**

THIS UPDATE: May 24, 2005  
 FROM: Barbara Gaitley  
 SUBJECT: Local Mode data acquisition requests for **June 2005**  
 FILENAME: /data/MISR\_Project/LM/0506\_requests.fm

This is the June 2005 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 22, 2005. Rows preceded 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 2005 Requests**

Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#256	HowardSpring	105	101	June 01, 2005	29004	2005/152/01:30:13	86.8
L1B1		#091	London	201	49	June 01, 2005	29010	2005/152/11:05:26	35.5
L1B1		#140	Salar	233	107	June 01, 2005	29012	2005/152/14:43:02	8.8
L2-AS		#179	USDA_MD	16	59	June 01, 2005	29013	2005/152/16:05:24	126.0
Cal_Diode		#109	MOBY_Buoy	64	74	June 01, 2005	29016	2005/152/21:06:18	11.0
L2-AS		#012	TWP_Manus	96	92	June 02, 2005	29018	2005/153/00:31:21	90.0
L1B1		#251	Okavango	176	106	June 02, 2005	29023	2005/153/08:50:23	145.1
Cal_Diode		#002	Algeria_3	192	66	June 02, 2005	29024	2005/153/10:14:43	37.3
L1B1		#247	Eridu	167	66	June 02, 2005	29037	2005/154/07:41:05	4.4
L2-AS	*	#040	Chesapeake	14	61	June 03, 2005	29042	2005/154/15:53:43	14.3
L1B1		#250	Sudd	174	84	June 04, 2005	29052	2005/155/08:30:30	64.1
L2-AS		#013	TWP_Nauru	85	91	June 04, 2005	29061	2005/155/23:22:46	144.4
L1B1		#249	RessacaBrzl	229	93	June 05, 2005	29070	2005/156/14:13:25	41.3
L1B1	*	#259	BostonHarbor	12	57	June 05, 2005	29071	2005/156/15:39:54	97.1
L1B1		#257	Tumbarumba	92	119	June 06, 2005	29076	2005/157/00:15:41	146.1
L1B1		#205	Plymouth	204	50	June 06, 2005	29083	2005/157/11:24:06	39.7
Cal_Diode		#204	Egypt_1	179	69	June 07, 2005	29096	2005/158/08:55:13	44.4
Cal_Diode		#003	Algeria_5	195	66	June 07, 2005	29097	2005/158/10:33:02	57.3
L1B1		#163	Tapajos	227	93	June 07 2005	29099	2005/158/14:01:04	72.2

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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	*	#070	Houston	26	67	June 07, 2005	29101	2005/158/17:09:44	96.6
L1B1		#257	Tumbarumba	90	119	June 08, 2005	29105	2005/159/00:03:31	128.8
L1B1		#256	HowardSpring	106	101	June 08, 2005	29106	2005/159/01:36:11	73.4
L2-AS		#012	TWP_Manus	97	92	June 09, 2005	29120	2005/160/00:37:19	74.6
L1B1		#054	Egypt_Desert	177	73	June 09, 2005	29125	2005/160/08:44:59	22.1
L1B1		#247	Eridu	168	66	June 10, 2005	29139	2005/161/07:47:03	146.7
L1B1		#140	Salar	232	107	June 10, 2005	29143	2005/161/14:36:48	169.4
L2-AS	*	#040	Chesapeake	15	61	June 10, 2005	29144	2005/161/15:59:40	146.9
L1B1		#251	Okavango	175	106	June 11, 2005	29154	2005/162/08:44:11	16.8
L1B1		#247	Eridu	166	66	June 12, 2005	29168	2005/163/07:34:55	142.2
L1B1		#249	RessacaBrzl	230	93	June 12, 2005	29172	2005/163/14:19:28	125.8
L2-AS	*	#040	Chesapeake	13	61	June 12, 2005	29173	2005/163/15:47:34	122.2
L1B1		#250	Sudd	173	84	June 13, 2005	29183	2005/164/08:24:21	103.4
L2-AS		#013	TWP_Nauru	84	91	June 13, 2005	29192	2005/164/23:16:38	24.4
L1B1		#163	Tapajos	228	93	June 14, 2005	29201	2005/165/14:07:11	96.4
L1B1	*	#259	BostonHarbor	11	57	June 14, 2005	29202	2005/165/15:33:24	24.4
L2-AS		#105	Mexico_City	27	75	June 14, 2005	29203	2005/165/17:18:47	133.4
L1B1		#257	Tumbarumba	91	119	June 15, 2005	29207	2005/166/00:09:37	8.8
Cal_Diode		#089	Libya_1	187	71	June 15, 2005	29213	2005/166/09:45:25	17.0
Cal_Diode		#166	Pacific_Temp	50	67	June 15, 2005	29219	2005/166/19:37:17	150.8

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Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#248	Porto_Jofre	226	104	June 16, 2005	29230	2005/167/13:58:55	88.2
L2-AS	*	#070	Houston	25	67	June 16, 2005	29232	2005/167/17:03:42	47.7
L2-AS		#079	JPL	41	63	June 16, 2005	29233	2005/167/18:41:18	17.6
L1B1		#256	HowardSpring	105	101	June 17, 2005	29237	2005/168/01:30:09	87.9
L1B1		#091	London	201	49	June 17, 2005	29243	2005/168/11:05:23	37.1
L1B1		#140	Salar	233	107	June 17, 2005	29245	2005/168/14:42:59	9.8
L2-AS		#179	USDA_MD	16	59	June 17, 2005	29246	2005/168/16:05:21	125.4
Cal_Diode		#109	MOBY_Buoy	64	74	June 17, 2005	29249	2005/168/21:06:15	10.5
L2-AS		#012	TWP_Manus	96	92	June 18, 2005	29251	2005/169/00:31:18	90.5
L1B1		#251	Okavango	176	106	June 18, 2005	29256	2005/169/08:50:21	144.9
Cal_Diode		#002	Algeria_3	192	66	June 18, 2005	29257	2005/169/10:14:41	37.2
L1B1		#247	Eridu	167	66	June 19, 2005	29270	2005/170/07:41:05	5.4
L2-AS	*	#040	Chesapeake	14	61	June 19, 2005	29275	2005/170/15:53:43	14.9
L1B1		#250	Sudd	174	84	June 20, 2005	29285	2005/171/08:30:32	65.6
L2-AS		#013	TWP_Nauru	85	91	June 20, 2005	29294	2005/171/23:22:49	146.2
L1B1		#260	Munhamade	165	104	June 21, 2005	29299	2005/172/07:41:48	156.8
L1B1		#249	RessacaBrzl	229	93	June 21, 2005	29303	2005/172/14:13:29	38.7
L1B1	*	#259	BostonHrbor	12	57	June 21, 2005	29304	2005/172/15:39:58	95.5
L1B1		#257	Tumbarumba	92	119	June 22, 2005	29309	2005/173/00:15:46	148.0
L1B1		#205	Plymouth	204	50	June 22, 2005	29316	2005/173/11:24:12	40.1

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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	June 23, 2005	29329	2005/174/08:55:20	41.0
Cal_Diode		#003	Algeria_5	195	66	June 23, 2005	29330	2005/174/10:33:09	53.9
L1B1		#163	Tapajos	227	93	June 23, 2005	29332	2005/174/14:01:12	68.3
L2-AS	*	#070	Houston	26	67	June 23, 2005	29334	2005/174/17:09:51	100.3
L1B1		#257	Tumbarumba	106	107	June 24, 2005	29338	2005/175/00:03:39	125.3
L1B1		#256	HowardSpring	1	92	June 24, 2005	29339	2005/175/01:36:19	77.6
L1B1		#140	Salar	1	107	June 24, 2005	29347	2005/175/14:49:09	150.5
L2-AS		#012	TWP_Manus	97	92	June 25, 2005	29353	2005/176/00:37:29	79.9
L1B1		#054	Egypt_Desert	177	73	June 25, 2005	29358	2005/176/08:45:09	26.9
L1B1		#247	Eridu	168	66	June 26, 2005	29372	2005/177/07:47:14	151.6
L1B1		#258	La_Selva	15	82	June 26, 2005	29377	2005/177/16:07:20	9.1
L1B1		#251	Okavango	175	106	June 27, 2005	29387	2005/178/08:44:21	11.4
L1B1		#247	Eridu	166	66	June 28, 2005	29401	2005/179/07:35:06	137.7
L1B1		#249	RessacaBrzl	230	93	June 28, 2005	29405	2005/179/14:19:39	131.2
L2-AS	*	#040	Chesapeake	13	61	June 28, 2005	29406	2005/179/15:47:44	117.5
L1B1		#250	Sudd	173	84	June 29, 2005	29416	2005/180/08:24:31	98.1
L2-AS		#013	TWP_Nauru	84	91	June 29, 2005	29425	2005/180/23:16:48	19.3
L1B1		#163	Tapajos	228	93	June 30, 2005	29434	2005/181/14:07:21	101.8
L1B1	*	#259	BostonHarbor	11	56	June 30, 2005	29435	2005/181/15:33:34	28.0
L2-AS		#105	Mexico_City	27	75	June 30, 2005	29436	2005/181/17:18:57	138.4

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.