

INTEROFFICE MEMORANDUM

THIS UPDATE: May 24, 2005
 FROM: Barbara Gaitley
 SUBJECT: Local Mode data acquisition requests for **May 2005**
 FILENAME: /data/MISR_Project/LM/0505_requests.fm

This is the May 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 April 24, 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 a Cal_dark sequence in May.

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: May 2005 Requests

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	May 01, 2005	28552	2005/121/00:31:42 (LM)	81.2
L1B1		#251	Okavango	176	106	May 01, 2005	28557	2005/121/08:50:44 (LM)	153.7
Cal_Diode		#002	Algeria_3	192	66	May 01, 2005	28558	2005/121/10:15:04 (CD)	45.2
L1B1		#247	Eridu	167	66	May 01, 2005	28571	2005/122/07:41:27 (LM)	12.8
L2-AS	*	#040	Chesapeake	14	61	May 02, 2005	28576	2005/122/15:54:05 (LM)	22.0
L1B1		#250	Sudd	174	84	May 03, 2005	28586	2005/123/08:30:53 (LM)	73.8
L2-AS		#013	TWP_Nauru	85	91	May 03, 2005	28595	2005/123/23:23:10 (LM)	154.4
L1B1		#249	RessacaBrzl	229	93	May 04 2005	28604	2005/124/14:13:50 (LM)	31.0
L1B1		#257	Tumbarumba	92	119	May 05, 2005	28610	2005/125/00:16:06 (LM)	154.3
Cal_North		---	32.3 °N, 168.6 °W	188	---	May 05, 2005	28616	2005/125/09:23:49 (CN)	---
Cal_South		---	70.4 °S, 71.6 °W	220	---	May 05, 2005	28618	2005/125/13:41:21 (CS)	---
Cal_Dark		---	37.9 °S, 84.2 °E	19	---	May 05, 2005	28620	2005/125/17:18:38 (DK)	---
L1B1		#205	Plymouth	204	50	May 05, 2005	28617	2005/125/11:24:31 (LM)	46.0
Cal_Diode		#204	Egypt_1	179	69	May 06, 2005	28630	2005/126/08:55:39 (CD)	34.7
Cal_Diode		#003	Algeria_5	195	66	May 06, 2005	28631	2005/126/10:33:28 (CD)	48.0
L1B1		#163	Tapajos	227	93	May 06, 2005	28633	2005/126/14:01:30 (LM)	61.2
L2-AS	*	#070	Houston	26	67	May 06, 2005	28635	2005/126/17:10:10 (LM)	106.2
L1B1		#257	Tumbarumba	90	119	May 07, 2005	28639	2005/127/00:03:57 (LM)	119.6
L1B1		#256	HowardSpring	106	101	May 07, 2005	28640	2005/127/01:36:37 (LM)	84.3

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Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#140	Salar	1	107	May 07, 2005	28648	2005/127/14:49:26 (LM)	156.8
L2-AS		#012	TWP_Manus	97	92	May 08, 2005	28654	2005/128/00:37:46 (LM)	86.2
L1B1		#054	Egypt_Desert	177	73	May 08, 2005	28659	2005/128/08:45:26 (LM)	32.7
L1B1		#247	Eridu	168	66	May 09, 2005	28673	2005/129/07:47:30 (LM)	156.7
L1B1		#140	Salar	232	107	May 09, 2005	28677	2005/129/14:37:15 (LM)	158.6
L2-AS	*	#040	Chesapeake	15	61	May 09, 2005	28678	2005/129/16:00:07 (LM)	155.9
L1B1		#251	Okavango	175	106	May 10, 2005	28688	2005/130/08:44:37 (LM)	6.2
L1B1		#247	Eridu	166	66	May 11, 2005	28702	2005/131/07:35:20 (LM)	133.1
L1B1		#249	RessacaBrzl	230	93	May 11, 2005	28706	2005/131/14:19:53 (LM)	136.1
L2-AS	*	#040	Chesapeake	13	61	May 11, 2005	28707	2005/131/15:47:59 (LM)	114.2
L1B1		#250	Sudd	173	84	May 12, 2005	28717	2005/132/08:24:45 (LM)	93.5
L2-AS		#013	TWP_Nauru	84	91	May 12, 2005	28726	2005/132/23:17:01 (LM)	14.9
L1B1		#163	Tapajos	228	93	May 13, 2005	28735	2005/133/14:07:33 (LM)	105.9
L1B1	*	#225	Gulf_ofMaine	11	56	May 13, 2005	28736	2005/133/15:33:46 (LM)	36.0
L2-AS		#105	Mexico_City	27	75	May 13, 2005	28737	2005/133/17:19:09 (LM)	142.2
L1B1		#257	Tumbarumba	91	119	May 14, 2005	28741	2005/134/00:09:59 (LM)	16.0
Cal_Diode		#089	Libya_1	187	71	May 14, 2005	28747	2005/134/09:45:47 (CD)	9.3
Cal_Diode		#166	Pacific_Temp	50	67	May 14, 2005	28753	2005/134/19:37:38 (CD)	143.2
L1B1		#248	Porto_Jofre	226	104	May 15, 2005	28764	2005/135/13:59:15 (LM)	80.4
L2-AS	*	#070	Houston	25	67	May 15, 2005	28766	2005/135/17:04:02 (LM)	40.6

Table 2: May 2005 Requests

Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS		#079	JPL	41	63	May 15, 2005	28767	2005/135/18:41:38 (LM)	24.5
L1B1		#256	HowardSpring	105	101	May 16, 2005	28771	2005/136/01:30:28 (LM)	80.1
L1B1		#091	London	201	49	May 16, 2005	28777	2005/136/11:05:42 (LM)	31.9
L1B1		#140	Salar	233	107	May 16, 2005	28779	2005/136/14:43:18 (LM)	3.1
L2-AS		#179	USDA_MD	16	59	May 16, 2005	28780	2005/136/21:01:34 (LM)	131.2
Cal_Diode		#109	MOBY_Buoy	64	74	May 16, 2005	28783	2005/136/21:06:34 (CD)	17.3
L2-AS		#012	TWP_Manus	96	92	May 17, 2005	28785	2005/137/00:31:37 (LM)	83.0
L1B1		#251	Okavango	176	106	May 17, 2005	28790	2005/137/08:50:39 (LM)	151.9
Cal_Diode		#002	Algeria_3	192	66	May 17, 2005	28791	2005/137/10:14:59 (CD)	43.6
L1B1		#247	Eridu	167	66	May 18, 2005	28804	2005/138/07:41:22 (LM)	11.2
L2-AS	*	#040	Chesapeake	14	61	May 18, 2005	28809	2005/138/15:54:00 (LM)	20.3
L1B1		#250	Sudd	174	84	May 19, 2005	28819	2005/139/08:30:48 (LM)	71.8
L2-AS		#013	TWP_Nauru	85	91	May 19, 2005	28828	2005/139/23:23:04 (LM)	152.2
L1B1		#249	RessacaBrzl	229	93	May 20, 2005	28837	2005/140/14:13:44 (LM)	33.2
L1B1	*	#066	Harvard_Fst	12	57	May 20, 2005	28838	2005/140/15:40:12 (LM)	90.7
L1B1		#257	Tumbarumba	92	119	May 21, 2005	28843	2005/141/00:16:00 (LM)	152.4
L1B1		#205	Plymouth	204	50	May 21, 2005	28850	2005/141/11:24:25 (LM)	44.5
Cal_Diode		#204	Egypt_1	179	69	May 22, 2005	28863	2005/142/08:55:33 (CD)	36.9
Cal_Diode		#003	Algeria_5	195	66	May 22, 2005	28864	2005/142/10:33:22 (CD)	50.3
L1B1		#163	Tapajos	227	93	May 22, 2005	28866	2005/142/14:01:24 (LM)	63.6

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L2-AS	*	#070	Houston	26	67	May 22, 2005	28868	2005/142/17:10:03 (LM)	104.4
L1B1		#257	Tumbarumba	106	107	May 23, 2005	28872	2005/143/00:03:51 (LM)	121.8
L1B1		#256	HowardSpring	1	92	May 23, 2005	28873	2005/143/01:36:31 (LM)	81.9
L1B1		#140	Salar	1	107	May 23, 2005	28881	2005/143/14:49:20 (LM)	154.4
L2-AS		#012	TWP_Manus	97	92	May 24, 2005	28887	2005/144/00:37:39 (LM)	83.7
L1B1		#054	Egypt_Desert	177	73	May 24, 2005	28892	2005/144/08:45:19 (LM)	30.4
L1B1		#247	Eridu	168	66	May 24, 2005	28906	2005/145/07:47:23 (LM)	154.4
L1B1		#140	Salar	232	107	May 25, 2005	28910	2005/145/14:37:08 (LM)	161.2
L1B1		#258	La_Selva	15	82	May 25, 2005	28911	2005/145/16:07:26 (LM)	7.0
L1B1		#251	Okavango	175	106	May 26, 2005	28921	2005/146/08:44:29 (LM)	9.1
L1B1		#247	Eridu	166	66	May 27, 2005	28935	2005/147/07:35:13 (LM)	135.8
L1B1		#249	RessacaBrzl	230	93	May 27, 2005	28939	2005/147/14:19:46 (LM)	133.2
L2-AS	*	#040	Chesapeake	13	61	May 27, 2005	28940	2005/147/15:47:51 (LM)	116.1
L1B1		#250	Sudd	173	84	May 28, 2005	28950	2005/148/08:24:37 (LM)	96.4
L2-AS		#013	TWP_Nauru	84	91	May 28, 2005	28959	2005/148/23:16:54 (LM)	17.9
L1B1		#163	Tapajos	228	93	May 29, 2005	28968	2005/149/14:07:26 (LM)	102.7
L1B1	*	#225	Gulf_ofMaine	11	56	May 29, 2005	28969	2005/149/15:33:39 (LM)	28.4
L2-AS		#105	Mexico_City	27	75	May 29, 2005	28970	2005/149/17:19:02 (LM)	139.1
L1B1		#257	Tumbarumba	91	119	May 30, 2005	28974	2005/150/00:09:51 (LM)	13.6
Cal_Diode		#089	Libya_1	187	71	May 30, 2005	28980	2005/150/09:45:39 (CD)	12.0

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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		#166	Pacific_Temp	50	67	May 30, 2005	28986	2005/150/19:37:30 (CD)	146.1
L1B1		#248	Porto_Jofre	226	104	May 31, 2005	28997	2005/151/13:59:07 (LM)	83.4
L2-AS	*	#070	Houston	25	67	May 31, 2005	28999	2005/151/17:03:54 (LM)	43.6
L2-AS		#079	JPL	41	63	May 31, 2005	29000	2005/151/18:41:30 (LM)	21.8

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.