

INTEROFFICE MEMORANDUM

THIS UPDATE: August 16, 2005
 FROM: Barbara Gaitley
 SUBJECT: Local Mode data acquisition requests for **August 2005**
 FILENAME: /data/MISR_Project/LM/0508_requests.fm

This is the August 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 July 25, 2005. 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 not is a Cal_dark sequence in August.

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: August 2005 Requests

Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#163	Tapajos	228	93	August 01, 2005	29900	2005/213/14:07:22	104.2
L1B1	*	#259	BostonHarbor	11	57	August 01, 2005	29901	2005/213/15:33:56	117.7
L2-AS		#105	Mexico_City	27	75	August 01, 2005	29902	2005/213/17:18:58	140.7
L1B1		#257	Tumbarumba	91	119	August 02, 2005	29906	2005/214/00:09:48	14.6
Cal_Diode		#089	Libya_1	187	71	August 02, 2005	29912	2005/214/09:45:35	11.0
Cal_Diode		#166	Pacific_Temp	50	67	August 02, 2005	29918	2005/214/19:37:27	144.4
L1B1		#248	Porto_Jofre	226	104	August 02, 2005	29929	2005/215/13:59:05	81.7
L2-AS	*	#070	Houston	25	67	August 03, 2005	29931	2005/215/17:03:51	41.5
L2-AS		#079	JPL	41	63	August 03, 2005	29932	2005/215/18:41:27	23.7
L1B1		#256	HowardSpring	105	101	August 04, 2005	29936	2005/216/01:30:18	81.4
L1B1		#091	London	201	49	August 04, 2005	29942	2005/216/11:05:31	31.6
L1B1		#140	Salar	233	107	August 04, 2005	29944	2005/216/14:43:07	3.8
L2-AS		#179	USDA_MD	16	59	August 04, 2005	29945	2005/216/16:05:30	129.9
Cal_Diode		#109	MOBY_Buoy	64	74	August 04, 2005	29948	2005/216/21:06:24	16.5
L2-AS		#012	TWP_Manus	96	92	August 05, 2005	29950	2005/217/00:31:26	84.1
L1B1		#251	Okavango	176	106	August 05, 2005	29955	2005/217/08:50:29	150.7
Cal_Diode		#002	Algeria_3	192	66	August 05, 2005	29956	2005/217/10:14:49	42.5
L1B1		#247	Eridu	167	66	August 06, 2005	29969	2005/218/07:41:12	10.8
L2-AS	*	#040	Chesapeake	14	61	August 06, 2005	29974	2005/218/15:53:49	20.4

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Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#250	Sudd	174	84	August 07, 2005	29984	2005/219/08:30:38	71.0
L2-AS		#013	TWP_Nauru	85	91	August 07, 2005	29993	2005/219/23:22:54	151.5
L1B1		#260	Munhamade	165	104	August 08, 2005	29998	2005/220/07:41:54	151.7
L1B1		#249	RessacaBrzl	229	93	August 08, 2005	30002	2005/220/14:13:34	33.8
L1B1	*	#259	BostonHarbor	12	57	August 08, 2005	30003	2005/220/15:39:58	8.5
L1B1		#257	Tumbarumba	92	119	August 09, 2005	30008	2005/221/00:15:50	152.1
L1B1		#205	Plymouth	204	50	August 09, 2005	30015	2005/221/11:24:16	43.4
Cal_Diode		#204	Egypt_1	179	69	August 10, 2005	30028	2005/222/08:55:24	37.3
Cal_Diode		#003	Algeria_5	195	66	August 10, 2005	30029	2005/222/10:33:12	50.0
L1B1		#163	Tapajos	227	93	August 10, 2005	30031	2005/222/14:01:15	64.0
L2-AS	*	#070	Houston	26	67	August 10, 2005	30033	2005/222/17:09:54	104.2
L1B1		#257	Tumbarumba	90	119	August 11, 2005	30037	2005/223/00:03:42	122.5
L1B1		#256	HowardSpring	106	101	August 11, 2005	30038	2005/223/01:36:21	81.6
L1B1		#140	Salar	1	107	August 11, 2005	30046	2005/223/14:49:11	154.0
L2-AS		#012	TWP_Manus	97	92	August 12, 2005	30052	2005/224/00:37:30	83.5
L1B1		#054	Egypt_Desert	177	73	August 12, 2005	30057	2005/224/08:45:10	30.6
L1B1		#247	Eridu	168	66	August 13, 2005	30071	2005/225/07:47:14	154.8
L1B1		#140	Salar	232	107	August 13, 2005	30075	2005/225/14:37:00	161.3
L2-AS	*	#040	Chesapeake	15	61	August 13, 2005	30076	2005/225/15:59:51	154.4
L1B1		#251	Okavango	175	106	August 14, 2005	30086	2005/226/08:44:21	8.5

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Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#247	Eridu	166	66	August 15, 2005	30100	2005/227/07:35:05	135.5
L1B1		#249	RessacaBrzl	230	93	August 15, 2005	30104	2005/227/14:19:37	133.8
L2-AS	*	#040	Chesapeake	13	61	August 15, 2005	30105	2005/227/15:47:43	115.7
L1B1		#250	Sudd	173	84	August 16, 2005	30115	2005/228/08:24:29	95.7
L2-AS		#013	TWP_Nauru	84	91	August 16, 2005	30124	2005/228/23:16:46	16.9
L1B1		#163	Tapajos	228	93	August 17, 2005	30133	2005/229/14:07:18	103.6
L1B1	*	#259	BostonHarbor	11	57	August 17, 2005	30134	2005/229/15:33:52	118.4
L2-AS		#105	Mexico_City	27	75	August 17, 2005	30135	2005/229/17:18:54	140.1
L1B1		#257	Tumbarumba	91	119	August 18, 2005	30139	2005/230/00:09:44	14.1
Cal_Diode		#089	Libya_1	187	71	August 18, 2005	30145	2005/230/09:45:31	10.8
Cal_Diode		#166	Pacific_Temp	50	67	August 18, 2005	30151	2005/230/19:37:22	144.7
L1B1		#248	Porto_Jofre	226	104	August 19, 2005	30162	2005/231/13:59:00	82.4
L2-AS	*	#070	Houston	25	67	August 19, 2005	30164	2005/231/17:03:46	42.1
L2-AS		#079	JPL	41	63	August 19, 2005	30165	2005/231/18:41:23	22.9
L1B1		#256	HowardSpring	105	101	August 20, 2005	30169	2005/232/01:30:13	82.2
L1B1		#091	London	201	49	August 20, 2005	30175	2005/232/11:05:26	31.4
L1B1		#140	Salar	233	107	August 20, 2005	30177	2005/232/14:43:02	5.4
L2-AS		#179	USDA_MD	16	59	August 20, 2005	30178	2005/232/16:05:25	129.5
Cal_Diode		#109	MOBY_Buoy	64	74	August 20, 2005	30181	2005/232/21:06:19	15.6
L2-AS		#012	TWP_Manus	96	92	August 21, 2005	30183	2005/233/00:31:22	85.1

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Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#251	Okavango	176	106	August 21, 2005	30188	2005/233/08:50:24	149.8
Cal_Diode		#002	Algeria_3	192	66	August 21, 2005	30189	2005/233/10:14:44	41.8
L1B1		#247	Eridu	167	66	August 22, 2005	30202	2005/234/07:41:07	9.8
L2-AS	*	#040	Chesapeake	14	61	August 22, 2005	30207	2005/234/15:53:44	19.6
L1B1		#250	Sudd	174	84	August 23, 2005	30217	2005/235/08:30:32	70.0
L2-AS		#013	TWP_Nauru	85	91	August 23, 2005	30226	2005/235/23:22:49	150.4
L1B1		#260	Munhamade	165	104	August 24, 2005	30231	2005/236/07:41:48	152.8
L1B1		#249	RessacaBrzl	229	93	August 24, 2005	30235	2005/236/14:13:28	35.1
L1B1	*	#259	BostonHarbor	12	57	August 24, 2005	30236	2005/236/15:39:52	7.6
L1B1		#257	Tumbarumba	92	119	August 25, 2005	30241	2005/237/00:15:45	150.6
L1B1		#205	Plymouth	204	50	August 25, 2005	30248	2005/237/11:24:10	43.4
Cal_Diode		#204	Egypt_1	179	69	August 26, 2005	30261	2005/238/08:55:18	38.2
Cal_Diode		#003	Algeria_5	195	66	August 26, 2005	30262	2005/238/10:33:07	51.3
L1B1		#163	Tapajos	227	93	August 26, 2005	30264	2005/238/14:01:09	65.1
L2-AS	*	#070	Houston	26	67	August 26, 2005	30266	2005/238/17:09:48	103.3
L1B1		#257	Tumbarumba	106	107	August 27, 2005	30270	2005/239/00:03:36	123.5
L1B1		#256	HowardSpring	1	92	August 27, 2005	30271	2005/239/01:36:15	80.5
L1B1		#140	Salar	1	107	August 27, 2005	30279	2005/239/14:49:05	152.8
L2-AS		#012	TWP_Manus	97	92	August 28, 2005	30285	2005/240/00:37:24	82.2
L1B1		#054	Egypt_Desert	177	73	August 28, 2005	30290	2005/240/08:45:04	29.3

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Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#247	Eridu	168	66	August 29, 2005	30304	2005/241/07:47:08	153.6
L1B1		#258	La_Selva	15	82	August 29, 2005	30309	2005/241/16:07:14	7.6
L1B1		#251	Okavango	175	106	August 30, 2005	30319	2005/242/08:44:15	10.3
L1B1		#247	Eridu	166	66	August 31, 2005	30333	2005/243/07:34:58	136.5
L1B1		#249	RessacaBrzl	230	93	August 31, 2005	30337	2005/243/14:19:31	132.2
L2-AS	*	#040	Chesapeake	13	61	August 31, 2005	30338	2005/243/15:47:36	116.6

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 processes 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.