

INTEROFFICE MEMORANDUM

THIS UPDATE: April 5, 2004
 FROM: Barbara Gaitley
 SUBJECT: Local Mode data acquisition requests for **April 2004**
 FILENAME: /data/MISR_Project/LM/0404_requests.fm

This is the April 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 March 17, 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 April

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: April 2004 Requests

Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
Cal_Diode		#204	Egypt_1	179	69	April 01, 2004	22805	2004/092/08:56:18 (CD)	36.9
Cal_Diode		#003	Algeria_5	195	66	April 01, 2004	22806	2004/092/10:34:07 (CD)	49.9
L2-AS	*	#070	Houston	26	67	April 01, 2004	22810	2004/092/17:10:49 (LM)	104.3
L2-AS		#012	TWP_Manus	97	92	April 03, 2004	22829	2004/094/00:38:27 (LM)	84.3
L1B1		#054	Egypt_Desert	177	73	April 03, 2004	22834	2004/094/08:46:07 (LM)	31.4
L2-AS		#040	Chesapeake	15	61	April 04, 2004	22853	2004/095/16:00:49 (LM)	155.7
L2-AS	*	#040	Chesapeake	13	61	April 06, 2004	22882	2004/097/15:48:43 (LM)	113.6
L1B1	*	#223	Carnarvon	93	111	April 07, 2004	22887	2004/098/00:20:18 (LM)	7.6
L2-AS		#013	TWP_Nauru	84	91	April 07, 2004	22901	2004/098/23:17:47 (LM)	13.9
L2-AS		TOO	Monterey_EVE	43	61	April 08, 2004	22913	2004/099/18:53:42 (LM)	168.4
Cal_Diode		#089	Libya_1	187	71	April 09, 2004	22922	2004/100/09:41:33 (CD)	7.9
Cal_Diode		#166	Pacific_Temp	50	67	April 09, 2004	22928	2004/100/19:33:25 (CD)	141.3
L2-AS	*	#070	Houston	25	67	April 10, 2004	22941	2004/101/17:04:50 (LM)	38.4
L2-AS		#079	JPL	41	63	April 10, 2004	22942	2004/101/18:42:26 (LM)	26.7
L1B1		#091	London	201	49	April 11, 2004	22952	2004/102/11:06:30 (LM)	28.5
L1A		#140	Salar	233	107	April 11, 2004	22954	2004/102/14:44:06 (LM)	3.1
Cal_Diode		#109	MOBY_Buoy	64	74	April 11, 2004	22958	2004/102/21:07:23 (CD)	20.0
L2-AS		#012	TWP_Manus	96	92	April 12, 2004	22960	2004/103/00:32:26 (LM)	80.3
Cal_Diode		#002	Algeria_3	192	66	April 12, 2004	22966	2004/103/10:15:48 (CD)	46.7

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Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS	*	#040	Chesapeake	14	61	April 13, 2004	22984	2004/104/15:54:50 (LM)	23.6
L1B1	*	#223	Carnarvon	94	111	April 14, 2004	22989	2004/105/00:26:26 (LM)	147.0
L2-AS		#013	TWP_Nauru	85	91	April 14, 2004	23003	2004/105/23:23:55 (LM)	156.3
L2-AS		TOO	Monterey_EVE	44	61	April 15, 2004	23015	2004/106/18:59:50 (LM)	29.8
L1B1		#205	Plymouth	204	50	April 16, 2004	23025	2004/107/11:25:17 (LM)	49.2
Cal_Diode		#204	Egypt_1	179	69	April 17, 2004	23038	2004/108/08:56:26 (CD)	31.9
Cal_Diode		#003	Algeria_5	195	66	April 17, 2004	23039	2004/108/10:34:15 (CD)	45.2
L2-AS	*	#070	Houston	26	67	April 17, 2004	23043	2004/108/17:10:57 (LM)	109.2
L2-AS		#012	TWP_Manus	97	92	April 19, 2004	23062	2004/110/00:38:34 (LM)	89.5
L1B1		#054	Egypt_Desert	177	73	April 19, 2004	23067	2004/110/08:46:14 (LM)	36.2
L2-AS	*	#040	Chesapeake	15	61	April 20, 2004	23086	2004/111/16:00:55 (LM)	159.9
L2-AS	*	#040	Chesapeake	13	61	April 22, 2004	23115	2004/113/15:48:48 (LM)	109.8
L2-AS		TOO	Monterey_EVE	42	61	April 22, 2004	23117	2004/113/19:05:58 (LM)	107.0
L1B1	*	#223	Carnarvon	93	111	April 23, 2004	23120	2004/114/00:20:22 (LM)	4.9
L2-AS		#013	TWP_Nauru	84	91	April 23, 2004	23134	2004/114/23:17:51 (LM)	9.8
L2-AS		TOO	Monterey_EVE	43	61	April 24, 2004	23146	2004/115/18:53:51 (LM)	163.3
Cal_Diode		#089	Libya_1	187	71	April 25, 2004	23155	2004/116/09:46:37 (LM)	4.4
Cal_Diode		#166	Pacific_Temp	50	67	April 25, 2004	23161	2004/116/19:38:29 (CD)	138.2
L2-AS	*	#070	Houston	25	67	April 26, 2004	23174	2004/117/17:04:53 (CD)	35.2
L2-AS		#079	JPL	41	63	April 26, 2004	23175	2004/117/18:42:29 (LM)	29.7

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Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#091	London	201	49	April 27, 2004	23185	2004/118/11:06:33 (LM)	26.9
L1A		#140	Salar	233	107	April 27, 2004	23187	2004/118/14:44:09 (LM)	3.1
Cal_Diode		#109	MOBY_Buoy	64	74	April 28, 2004	23191	2004/118/21:07:26 (CD)	23.4
L2-AS		#012	TWP_Manus	96	92	April 28, 2004	23193	2004/119/00:32:28 (LM)	77.1
Cal_Diode		#002	Algeria_3	192	66	April 28, 2004	23199	2004/119/10:15:51 (CD)	49.1
L2-AS	*	#040	Chesapeake	14	61	April 29, 2004	23217	2004/120/15:54:52 (LM)	25.8
L1B1	*	#223	Carnarvon	94	111	April 30, 2004	23222	2004/121/00:26:27 (LM)	149.7
L2-AS		#013	TWP_Nauru	85	91	April 30, 2004	23236	2004/121/23:23:57 (LM)	159.1

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.