

INTEROFFICE MEMORANDUM

THIS UPDATE: November 01, 2002
 FROM: Barbara Gaitley
 SUBJECT: Local Mode data acquisition requests for **November 2002**
 FILENAME: /data/MISR_Project/LM/0211_requests.fm

This is the November 2002 list of MISR Local Mode observations to be scheduled by the IOT team. Data acquisition times are based on the latest available GRNDTRCK7_* file, that of October 21, 2002. 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 November.

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: November 2002 Requests

Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS	*	#012	TWP_Manus	96	92	November 01, 2002	15271	2002/305/00:33:15 (LM)	81.3
Cal_Diode		#002	Algeria_3	192	66	November 01, 2002	15277	2002/305/10:16:37 (CD)	44.4
L1B1	*	#077	CLARE_Psture	231	99	November 02, 2002	15294	2002/306/14:29:56 (LM)	9.8
L2-AS	*	#040	Chesapeake	14	61	November 02, 2002	15295	2002/306/15:55:38 (LM)	21.1
L1B1		#013	TWP_Nauru	85	91	November 03, 2002	15314	2002/307/23:24:42 (LM)	154.0
L1B1		#205	Plymouth	204	50	November 05, 2002	15336	2002/309/11:26:03 (LM)	45.0
Cal_Diode		#204	Egypt_1	179	69	November 06, 2002	15349	2002/310/08:57:11 (CD)	36.1
Cal_Diode		#003	Algeria_5	195	66	November 06, 2002	15350	2002/310/10:34:60 (CD)	49.6
L2-AS	*	#070	Houston	26	67	November 06, 2002	15354	2002/310/17:11:41 (LM)	105.0
L2-AS		#012	TWP_Manus	97	92	November 08, 2002	15373	2002/312/00:39:16 (LM)	84.7
L1B1	*	#077	CLARE_Psture	232	99	November 09, 2002	15425	2002/315/14:23:42 (LM)	152.8
L1B1	*	#077	CLARE_Psture	230	99	November 11, 2002	15425	2002/315/14:23:42 (LM)	178.7
L2-AS	*	#040	Chesapeake	13	61	November 11, 2002	15426	2002/315/15:49:25 (LM)	117.0
L2-AS		#013	TWP_Nauru	84	91	November 12, 2002	15445	2002/316/23:18:26 (LM)	19.0
Cal_Diode		#089	Libya_1	187	71	November 14, 2002	15466	2002/318/09:47:12 (CD)	13.6
L2-AS	*	#070	Houston	25	67	November 15 ,2002	15485	2002/319/17:05:31 (LM)	43.6
L2-AS		#079	JPL	41	63	November 15, 2002	15486	2002/319/18:43:07 (LM)	21.9

Table 2: November 2002 Requests

Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#091	London	201	49	November 16, 2002	15496	2002/320/11:07:12 (LM)	32.2
L1A		#140	Salar	233	107	November 16, 2002	15498	2002/320/14:44:49 (LM)	3.8
L2-AS		#012	TWP_Manus	96	92	November 17, 2002	15504	2002/321/00:33:0 (LM)	84.2
Cal_Diode		#002	Algeria_3	192	66	November 17, 2002	15510	2002/321/10:16:32 (CD)	42.5
L1B1	*	#077	CLARE_Psture	231	99	November 18, 2002	15527	2002/322/14:29:54 (LM)	11.2
L2-AS	*	#040	Chesapeake	14	61	November 18, 2002	15528	2002/322/15:55:36 (LM)	20.2
L2-AS		#013	TWP_Nauru	85	91	November 19, 2002	15547	2002/323/23:24:43 (LM)	153.9
L1B1		#205	Plymouth	204	50	November 21, 2002	15569	2002/325/11:26:07 (LM)	45.2
Cal_Diode		#204	Egypt_1	179	69	November 22, 2002	15582	2002/326/08:57:16 (CD)	33.9
Cal_Diode		#003	Algeria_5	195	66	November 22, 2002	15583	2002/326/10:35:05 (CD)	47.1
L2-AS	*	#070	Houston	26	67	November 22 2002	15587	2002/326/17:11:47 (LM)	107.4
L2-AS		#012	TWP_Manus	97	92	November 24, 2002	15606	2002/328/00:39:26 (LM)	88.6
L1B1	*	#077	CLARE_Psture	232	99	November 25, 2002	15629	2002/329/14:36:09 (LM)	158.4
L1B1	*	#077	CLARE_Psture	230	99	November 27, 2002	15658	2002/331/14:24:00 (LM)	170.9
L2-AS	*	#040	Chesapeake	13	61	November 27, 2002	15659	2002/331/15:49:43 (LM)	110.8
L2-AS		#013	TWP_Nauru	84	91	November 28, 2002	15678	2002/332/23:18:47 (LM)	9.6
Cal_Diode		#089	Libya_1	187	71	November 30, 2002	15699	2002/334/09:47:34 (CD)	4.4

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.