

INTEROFFICE MEMORANDUM

THIS UPDATE: October 04, 2002
 FROM: Barbara Gaitley
 SUBJECT: Local Mode data acquisition requests for **October 2002**
 FILENAME: /data/MISR_Project/LM/0210_requests.fm

This is the October 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 September 16, 2002. 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 October.

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: October 2002 Requests

Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1	*	#015	Athens	183	60	October 01, 2002	14825	2002/274/09:19:49 (LM)	37.5
L1B1	*	#077	CLARE_Psture	231	99	October 01, 2002	14828	2002/274/14:29:58 (LM)	13.0
L2-AS	*	#040	Chesapeake	14	61	October 01, 2002	14829	2002/274/15:55:40 (LM)	18.4
L1B1		#215	Ostrobothnia	190	40	October 02, 2002	14840	2002/275/09:56:16 (LM)	49.4
L1B1		#013	TWP_Nauru	85	91	October 02, 2002	14848	2002/275/23:24:42 (LM)	149.7
L1B1		#216	Finland_S	188	42	October 04, 2002	14869	2002/277/09:44:29 (LM)	50.9
L1B1		#205	Plymouth	204	50	October 04, 2002	14870	2002/277/11:26:01 (LM)	40.6
Cal_Diode		#204	Egypt_1	179	69	October 05, 2002	14883	2002/278/08:57:07 (CD)	41.6
L1B1		#218	Lapland	195	34	October 05, 2002	14884	2002/278/10:24:43 (LM)	161.9
L2-AS	*	#070	Houston	26	67	October 05, 2002	14888	2002/278/17:11:37 (LM)	99.2
L1B1		#217	Kainuu	186	39	October 06, 2002	14898	2002/279/09:31:07 (LM)	51.6
L2-AS		#012	TWP_Manus	97	92	October 07, 2002	14907	2002/280/00:39:10 (LM)	77.2
L1B1		#213	Hintereisfer	193	53	October 07, 2002	14913	2002/280/10:18:58 (LM)	7.6
Cal_North		---	58.6 °N, 172.5 °W	184	---	October 08, 2002	14927	2002/281/09:06:48 (CN)	---
L1B1	*	#015	Athens	184	60	October 08, 2002	14927	2002/281/09:25:36 (LM)	164.1
L1B1	*	#077	CLARE_Psture	232	99	October 08, 2002	14930	2002/281/14:35:47 (LM)	144.4
Cal_South		---	80.0 °S, 165.0 °E	232	---	October 08, 2002	14930	2002/281/15:03:26 (CS)	---

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Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
Cal_Dark		---	25.6 °S, 87.1 °E	015	---	October 08, 2002	14931	2002/281/16:58:03 (DK)	---
L1B1		#215	Ostrobothnia	191	40	October 09, 2002	14942	2002/282/10:01:57 (LM)	41.3
L1B1	*	#015	Athens	182	60	October 10, 2002	14956	2002/283/09:13:27 (LM)	102.3
L2-AS	*	#040	Chesapeake	13	61	October 10, 2002	14960	2002/283/15:49:20 (LM)	123.4
L1B1		#216	Finland_S	189	42	October 11, 2002	14971	2002/284/09:50:20 (LM)	46.9
L2-AS		#013	TWP_Nauru	84	91	October 11, 2002	14979	2002/284/23:18:28 (LM)	23.1
L1B1		#217	Kainuu	187	39	October 13, 2002	15000	2002/286/09:37:09 (LM)	48.6
L1B1		#213	Hintereisfer	194	053	October 14, 2002	15015	2002/287/10:25:11 (LM)	113.9
L2-AS	*	#070	Houston	25	67	October 14 ,2002	15019	2002/287/17:05:40 (LM)	43.8
L2-AS		#079	JPL	41	63	October 14, 2002	15020	2002/287/18:43:17 (LM)	21.6
L1B1		#091	London	201	49	October 15, 2002	15030	2002/288/11:07:23 (LM)	33.9
L1A		#140	Salar	233	107	October 15, 2002	15032	2002/288/14:44:59 (LM)	4.4
L2-AS		#012	TWP_Manus	96	92	October 16, 2002	15038	2002/289/00:33:20 (LM)	84.1
L1B1		#213	Hintereisfer	192	53	October 16, 2002	15044	2002/289/10:13:13 (LM)	120.0
L1B1	*	#015	Athens	183	60	October 17, 2002	15058	2002/290/09:19:56 (LM)	39.2
L1B1	*	#077	CLARE_Psture	231	99	October 17, 2002	15061	2002/290/14:30:06 (LM)	10.8
L2-AS	*	#040	Chesapeake	14	61	October 17, 2002	15062	2002/290/15:55:48 (LM)	20.5
L2-AS		#013	TWP_Nauru	85	91	October 18, 2002	15081	2002/291/23:24:56 (LM)	154.9

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Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L1B1		#205	Plymouth	204	50	October 20, 2002	15103	2002/293/11:26:21 (LM)	45.3
Cal_Diode		#204	Egypt_1	179	69	October 21, 2002	15116	2002/294/08:57:30 (CD)	32.8
Cal_Diode		#003	Algeria_5	195	66	October 21, 2002	15117	2002/294/10:35:19 (CD)	46.0
L2-AS	*	#070	Houston	26	67	October 21 2002	15121	2002/294/17:12:01 (LM)	108.6
L2-AS		#012	TWP_Manus	97	92	October 23, 2002	15140	2002/296/00:39:40 (LM)	90.0
L1B1	*	#077	CLARE_Psture	232	99	October 24, 2002	15163	2002/297/14:36:24 (LM)	159.8
L1B1	*	#077	CLARE_Psture	230	99	October 26, 2002	15192	2002/299/14:24:14 (LM)	169.7
L2-AS	*	#040	Chesapeake	13	61	October 26, 2002	15193	2002/299/15:49:57 (LM)	109.9
L2-AS		#013	TWP_Nauru	84	91	October 27, 2002	15212	2002/300/23:19:01 (LM)	8.5
Cal_Diode		#089	Libya_1	187	71	October 29, 2002	15233	2002/302/09:47:47 (CD)	3.1
L2-AS	*	#070	Houston	25	67	October 30, 2002	15252	2002/303/17:06:03 (LM)	35.5
L2-AS		#079	JPL	41	63	October 30, 2002	15253	2002/303/18:43:39 (LM)	29.2
L1B1		#091	London	201	49	October 31, 2002	15263	2002/304/11:07:43 (LM)	28.8
L1A		#140	Salar	233	107	October 31, 2002	15265	2002/304/14:45:19 (LM)	3.8

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.

There were 3 cal_diode sequences that were not scheduled as a courtesy to outside researchers who happened to want Local Mode data on the same orbit.