

**INTEROFFICE MEMORANDUM**

THIS UPDATE: June 21, 2002  
 FROM: Barbara Gaitley  
 SUBJECT: Local Mode data acquisition requests for **June 2002**  
 FILENAME: /data/MISR\_Project/LM/0206\_requests.fm

This is the June 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 May 19, 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 a Cal\_dark sequence in June.

**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_diodes
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: June 2002 Requests**

Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS		#012	TWP_Manus	97	92	June 01, 2002	13043	2002/152/00:39:56 (LM)	93.2
L2-AS		#067	Kau_Hawaii	63	75	June 02, 2002	13070	2002/153/21:03:53 (LM)	94.1
L2-AS	*	#040	Chesapeake	13	61	June 04, 2002	13096	2002/155/15:50:08 (LM)	108.5
L2-AS		#013	TWP_Nauru	84	91	June 05, 2002	13115	2002/156/23:19:10 (LM)	8.2
Cal_Diode		#089	Libya_1	187	71	June 07 2002	13136	2002/158/09:47:55 (CD)	3.1
L2-AS	*	#079	JPL	41	63	June 07, 2002	13156	2002/159/18:43:45 (LM)	29.3
L1B1		#091	London	201	49	June 09, 2002	13166	2002/160/11:07:48 (LM)	27.1
L1A		#140	Salar	233	107	June 09, 2002	13168	2002/160/14:45:25 (LM)	4.9
L2-AS		#012	TWP_Manus	96	92	June 10, 2002	13174	2002/161/00:33:43 (LM)	77.8
Cal_Diode		#002	Algeria_3	192	66	June 10, 2002	13180	2002/161/10:17:05 (CD)	47.8
Cal North		---	25.5 °N, 151.4 °E	215	---	June 11, 2002	13196	2002/162/12:10:53 (CN)	---
L2-AS	*	#040	Chesapeake	14	61	June 11, 2002	13198	2002/162/15:56:04 (LM)	24.3
Cal South		---	64.1 °S, 106.3 °W	14	---	June 11, 2002	13198	2002/162/16:28:16 (CS)	---
Cal Dark		---	27.1 °S, 64.3 °E	30	---	June 11, 2002	13199	2002/162/18:31:29 (DK)	---
L2-AS		#067	Kau_Hawaii	62	75	June 11, 2002	13201	2002/162/20:57:38 (LM)	68.1
L1B1		#205	Plymouth	204	50	June 14, 2002	13239	2002/165/11:26:27 (LM)	45.3
Cal_Diode		#204	Egypt_1	179	69	June 15, 2002	13252	2002/166/08:57:33 (CD)	34.7

**Table 2: June 2002 Requests**

Data product req'd	Priority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
Cal_Diode		#003	Algeria_5	195	66	June 15, 2002	13253	2002/166/10:35:22 (CD)	47.9
L2-AS		#012	TWP_Manus	97	92	June 17, 2002	13276	2002/168/00:39:37 (LM)	84.9
L2-AS	*	#212	CRYSTAL_Wst	15	71	June 18, 2002	13300	2002/169/16:05:29 (LM)	133.3
L2-AS		#067	Kau_Hawaii	63	75	June 18, 2002	13303	2002/169/21:03:31 (LM)	84.9
L2-AS	*	#211	CRYSTAL_Est	13	71	June 20, 2002	13329	2002/171/15:53:07 (LM)	144.2
L2-AS		#013	TWP_Nauru	84	91	June 21, 2002	13348	2002/172/23:18:44 (LM)	20.3
Cal_Diode		#089	Libya_1	187	71	June 23, 2002	13369	2002/174/09:47:26 (CD)	15.6
L2-AS	*	#079	JPL	41	63	June 24, 2002	13389	2002/175/18:43:14 (LM)	17.6
L1B1		#091	London	201	49	June 25, 2002	13399	2002/176/11:07:17 (LM)	38.4
L1A		#140	Salar	233	107	June 25, 2002	13401	2002/176/14:44:52 (LM)	10.8
L2-AS	*	#212	CRYSTAL_Wst	16	71	June 25, 2002	13402	2002/176/16:11:36 (LM)	11.8
L2-AS		#012	TWP_Manus	96	92	June 26, 2002	13407	2002/177/00:33:10 (LM)	92.8
Cal_Diode		#002	Algeria_3	192	66	June 26, 2002	13413	2002/177/10:11:32 (CD)	34.5
L2-AS	*	#211	CRYSTAL_Est	14	71	June 27, 2002	13431	2002/178/15:59:16 (LM)	5.4
L2-AS		#067	Kau_Hawaii	62	75	June 27 2002	13434	2002/178/20:57:08 (LM)	81.0
L1B1		#205	Plymouth	204	50	June 30, 2002	13472	2002/181/11:26:06 (LM)	39.5

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. In the case of Global Mode data products, the processing to Level 2 data products June not be done for data sets acquired prior to June 1, 2002. 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. Thus, the request for L2 Local Mode data products cannot be fulfilled at this time. The purpose of this column, with respect to L2-LM products, is to track of which data sets should be processed to L2, should this capability come to exist some time in the future.

This memorandum is also used as a history, documenting Local Mode and calibration data sets for future reference.