

INTEROFFICE MEMORANDUM

THIS UPDATE: May 10, 2002
 FROM: Barbara Gaitley
 SUBJECT: Local Mode data acquisition requests for **May 2002**
 FILENAME: /data/MISR_Project/LM/0205_requests.fm

This is the May 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 April 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 no Cal_dark sequence in May.

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: May 2002 Requests

Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS	*	#040	Chesapeake	13	61	May 03, 2002	12630	2002/123/15:49:47 (LM)	116.4
L2-AS		#013	TWP_Nauru	84	91	May 04, 2002	12649	2002/124/23:18:48 (LM)	18.9
Cal_Diode		#089	Libya_1	187	71	May 06 2002	12670	2002/126/09:47:30 (CD)	14.1
L2-AS	*	#079	JPL	41	63	May 06, 2002	12690	2002/127/18:43:18 (LM)	18.7
L1B1		#091	London	201	49	May 08, 2002	12700	2002/128/11:07:20 (LM)	35.7
L1A		#140	Salar	233	107	May 08, 2002	12702	2002/128/14:44:56 (LM)	9.8
L2-AS		#012	TWP_Manus	96	92	May 09, 2002	12708	2002/129/00:33:15 (LM)	91.1
Cal_Diode		#002	Algeria_3	192	66	May 09, 2002	12714	2002/129/10:16:39 (CD)	36.6
L2-AS	*	#040	Chesapeake	14	61	May 10, 2002	12732	2002/130/15:55:43 (LM)	15.4
L1B1		#205	Plymouth	204	50	May 13, 2002	12773	2002/133/11:26:16 (LM)	41.9
Cal_Diode		#204	Egypt_1	179	69	May 14, 2002	12786	2002/134/08:57:26 (CD)	38.7
Cal_Diode		#003	Algeria_5	195	66	May 14, 2002	12787	2002/134/10:35:15 (CD)	51.7
L2-AS		#012	TWP_Manus	97	92	May 16, 2002	12810	2002/136/00:39:35 (LM)	83.6
L2-AS		#067	Kau_Hawaii	63	75	May 17, 2002	12837	2002/137/21:03:35 (LM)	86.3
L2-AS	*	#040	Chesapeake	13	61	May 19, 2002	12863	2002/139/15:49:53 (LM)	114.3
L2-AS		#013	TWP_Nauru	84	91	May 20, 2002	12882	2002/140/23:18:57 (LM)	14.4
Cal_Diode		#089	Libya_1	187	71	May 22, 2002	12903	2002/142/09:47:43 (CD)	9.1

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Data product req'd	Pri- ority	LM #	Site Name	Path	Block	Date	Orbit #	GMT Start Time (Event)	Extent (km)
L2-AS	*	#079	JPL	41	63	May 23, 2002	12923	2002/143/18:43:36 (LM)	25.0
L1B1		#091	London	201	49	May 24, 2002	12933	2002/144/11:07:40 (LM)	31.7
L1A		#140	Salar	233	107	May 24, 2002	12935	2002/144/14:45:16 (LM)	0.0
L2-AS		#012	TWP_Manus	96	92	May 25, 2002	12941	2002/145/00:33:35 (LM)	81.8
Cal_Diode		#002	Algeria_3	192	66	May 25, 2002	12947	2002/145/10:16:57 (CD)	44.6
L2-AS	*	#040	Chesapeake	14	61	May 26, 2002	12965	2002/146/15:55:58 (LM)	21.2
L2-AS		#067	Kau_Hawaii	62	75	May 26, 2002	12968	2002/146/20:57:32 (LM)	71.1
L1B1		#205	Plymouth	204	50	May 29, 2002	13006	2002/149/11:26:23 (LM)	44.0
Cal_Diode		#204	Egypt_1	179	69	May 30, 2002	13019	2002/150/08:57:30 (CD)	36.5
Cal_Diode		#003	Algeria_5	195	66	May 30, 2002	13020	2002/150/10:35:19 (CD)	49.9

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 may not be done for data sets acquired prior to May 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 processes 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.