

file: DISKH:[SIMMONS.MM71.MOONS]DEIMOS_OBSERVATIONS.LIS

June 23, 1999 - kes

Observations on this list come from the MM71 TV Picture Catalog, JPL Technical Memorandum 33-585, Vol 2. An Addendum from this document lists changes to the geometry due to a Mars pole definition change; values in this list are from the original document and if the values changed then a second line lists the updated geometry. NOTE: Picture type A is Wide Angle, B is Narrow Angle; angles are in degrees, distances in Km. If there is no previous picture number then it is the first observation of the orbit (ie, Pic #1). # denotes a suspicious value.

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Orbit	Pict	Pic	Pic	View	Light	Phas	Height	Prev	Next
	Numb	siz	DAS	Ang		Angle		Pic	Pic
25	1	B	2,490,320	219.43	91.66		2468		
25	2	A	2,490,355	219.25	91.51		2433		2,492,630
35	1	B	2,849,770	191.14	95.60		12103		
35	2	A	2,849,805	190.99	95.43		12066		2,849,805
63	1	B	3,852,665	228.03	109.14		14360		
63	2	B	3,854,625	235.66	98.38		12691		
63	3	A	3,854,660	235.20	98.24		12657		
63	4	B	3,854,695	235.26	98.18		12623		
63	5	A	3,854,730	234.80	98.04		12589		
63	6	B	3,854,765	234.78	98.03		12554		
63	7	A	3,854,800	234.26	97.93		12520		3,857,075
73	1	B	4,212,325	195.18	116.76		13981		
73	2	B	4,212,605	194.87	115.97		13753		4,215,685
149	1	B	6,918,168	224.72	125.23		15351		6,928,528
159	1	B	7,283,428	222.11	125.21		11036		7,288,538
197	1	B	8,647,664	222.93	126.02		13653		8,656,904