Solar System Special Requirements

Due que re	Commont	
Program,	Comment	
Obs(.Exposure_Spec) Rules and Conventions		
18886 02	date must be geocentric date expressed in Universal Time	
18880 02	observation level special requirement applies to ALL visits in	
18886 5 visits 1,2	that observation	
	Solar System Special Requirements	
18889 01	SEPARATION OF <object1> <object2> FROM <observer></observer></object2></object1>	
18889 02	DISTANCE <object1> <object2> <condition> <distance></distance></condition></object2></object1>	
10005 02	ANGULAR RATE <object1> [RELATIVE <object2>] FROM</object2></object1>	
18889 03	<pre><observer> <condition> <rate></rate></condition></observer></pre>	
18889 04	RADIAL VELOCITY <object1> <object2> <condition> <velocity></velocity></condition></object2></object1>	
18889 05	APPARENT DIAMETER <object> <condition> <angle></angle></condition></object>	
10005 05	SOLAR PHASE OF <object> FROM <observer> BETWEEN</observer></object>	
18889 06	<pre><min-angle> <max-angle></max-angle></min-angle></pre>	
	OCCULTATION OF <occulted object=""> BY <occulting object=""></occulting></occulted>	
18889 07	FROM <observer></observer>	
	TRANSIT OF <transiting object=""> ACROSS <transited object=""></transited></transiting>	
18889 08	FROM <observer></observer>	
	ECLIPSE <shadow type=""> <completeness> OF <eclipsed object=""></eclipsed></completeness></shadow>	
18889 09	BY <eclipsing object=""> FROM <observer></observer></eclipsing>	
	CENTRAL MERIDIAN LONGITUDE OF <object> FROM</object>	
18889 10	<observer> BETWEEN <min-angle> <max-angle></max-angle></min-angle></observer>	
	ORBITAL LONGITUDE OF <object1> [FROM <observer>]</observer></object1>	
18889 11	BETWEEN <min-angle> <max-angle></max-angle></min-angle>	
Solar System Requirer	nents Operators	
18889 04	LESS THAN	
18889 01	GREATER THAN	
18889 05	LOCAL MAXIMUM	
18889 02	LOCAL MINIMUM	
18889 01	NOT	
SEPARATION		
18889 01	angle degrees	
18889 12	angle arc-minutes	
18889 13	angle arc-sedonds	
954 01	observer defaults to JWST	
DISTANCE		
ANGULAR RATE		
18889 03	RELATIVE <object2></object2>	
18889 14	no object 2	
954 01	observer defaults to JWST	
RADIAL VELOCITY		
18889 04	positive velocity	
18889 15	negative velocity	
APPARENT DIAMETER		
SOLAR PHASE	abcomion defaulta to INICT	
954 01	observer defaults to JWST	

OCCULTATION		
954 01	observer defaults to JWST	
TRANSIT		
954 01	observer defaults to JWST	
ECLIPSE		
18889 09	type Penumbral	
18889 16	type Umbral	
18889 16	completeness Full	
18889 09	completeness Partial	
954 01	observer defaults to JWST	
CENTRAL MERIDIAN LONGITUDE		
954 01	observer defaults to JWST	
ORBITAL LONGITUDE		
18889 11 (Mars)	can be used on Level 1	
18887 26 (Deimos)	or can be used on Level 2	
Moving Target Implem		
18886 01	by default unpopulated/unchecked	
18886 02	MOSS Planning Start <date></date>	
18886 02	MOSS Planning End <date></date>	
18886 02	MOSS Show Windows (check per output)	
	s *** can't be removed	
	an system except Mars:	
18887 02	***NOT OCCULTATION OF <target> BY MARS FROM JWST</target>	
18887 02	SEPARATION OF <target> MARS FROM JWST GREATER THAN 10"</target>	
18887 01	showing MARS doesn't have	
	n system except Jupiter: 04 Io, 08 Leda	
18887 04 08	***NOT OCCULTATION OF <target> BY JUPITER FROM JWST</target>	
18887 04 08	SEPARATION OF <target> JUPITER FROM JWST GREATER THAN</target>	
18887 04 08	30"	
	, Jupiter surface features, and offsets from Jupiter:	
18887 03 09 10	NOT ECLIPSE PENUMBRAL PARTIAL OF <target> BY IO FROM JWST</target>	
	NOT ECLIPSE PENUMBRAL PARTIAL OF < target> BY EUROPA FROM	
18887 03 09 10	JWST	
	NOT ECLIPSE PENUMBRAL PARTIAL OF <target> BY GANYMEDE</target>	
18887 03 09 10	FROM JWST	
18887 05 09 10	NOT ECLIPSE PENUMBRAL PARTIAL OF <target> BY CALLISTO</target>	
18887 03 09 10	FROM JWST	
All targets in the Jovia		
18887 03 08	SEPARATION OF <target> IO FROM JWST GREATER THAN 10"</target>	
18887 04	showing Io doesn't have	
All targets in the Jovian system except Europa: SEPARATION OF <target> EUROPA FROM JWST GREATER THAN</target>		
18887 03 08	10"	
18887 06	showing Europa doesn't have	
All targets in the Jovian system except Ganymede: SEPARATION OF <target> GANYMEDE FROM JWST GREATER THAN</target>		
18887 03 08	10"	
18887 07	showing Ganymede doesn't have	
1000/ 0/	Showing danymede doesn't nave	

All targets in the Jovian system except Callisto:		
	SEPARATION OF <target> CALLISTO FROM JWST GREATER THAN</target>	
18887 03 08	10"	
18887 05	showing Callisto doesn't have	
All targets in the Saturnian system except Saturn: 13 Rhea		
18887 13	***NOT OCCULTATION OF <target> BY SATURN FROM JWST</target>	
18887 13	SEPARATION OF <target> SATURN FROM JWST GREATER THAN 45"</target>	
Observations of Saturn, Saturn surface features, and offsets from Saturn:		
	NOT ECLIPSE PENUMBRAL PARTIAL OF <target> BY TITAN FROM</target>	
18887 12	JWST	
All targets in the Saturnian system except Rhea:		
18887 12 14 15	SEPARATION OF <target> RHEA FROM JWST GREATER THAN 10"</target>	
18887 13	showing Rhea doesn't have	
All targets in the Saturnian system except Titan:		
18887 12 13 15	SEPARATION OF <target> TITAN FROM JWST GREATER THAN 10"</target>	
18887 14	showing Titan doesn't have	
All targets in the Uranian system except Uranus:		
18887 17	***NOT OCCULTATION OF <target> BY URANUS FROM JWST</target>	
18887 16	showing Uranus doesn't have	
All targets in the Nept	unian system except Neptune:	
18887 19	***NOT OCCULTATION OF <target> BY NEPTUNE FROM JWST</target>	
18887 18	showing Neptune doesn't have	
Observations of Neptur	ne, Neptune surface features, and offsets from Neptune:	
	NOT ECLIPSE PENUMBRAL PARTIAL OF <target> BY TRITON FROM</target>	
18887 18	JWST	
	PLANETOCENTRIC, and MAGNETO targets:	
***NOT OCCULTATION OF <target> BY <planet body=""> FROM JWST</planet></target>		
18887 20	PLANETOGRAPHIC	
18887 21	PLANETOCENTRIC	
18887 22	MAGNETO	
18887 23	showing POSANGLE doesn't have	
18887 24	showing TORUS doesn't have	
18887 25	showing SATELLITE doesn't have	
Default window superseded by any similar windows specified via special requirements		
above, example Io and Io-Callisto separation window specified that will apply and not		
the default	r	
18886 03 no user		
window; 04 user		
window added	04 has both windows in gui (check per output)	