MSTGT - Mission Target Information

MSTGT provides information from the collection plan associated with the image, and should identify specific targets contained within the image (however, due to collection geometry, a referenced target may not actually correspond to the area contained in the image). Use of MSTGT is optional. The format and description of the user-defined fields of MSTGTA are given in Table 1. As many as 256 instances of this data extension may occur in each NSIF image segment.

Table 1 MSTGTA – MISSION TARGET INFORMATION EXTENSION FORMAT

Field	Name	Size	Value Range	Units	Type
R = REQUIRED , C = CONDITIONAL , <> = BCS SPACES ALLOWED FOR ENTIRE FIELD					
CETAG	Unique Extension Identifier.	6	MSTGTA	N/A	R
CEL	Length of Entire Tagged Record.	5	00101	bytes	R
The Following Fields Define MSTGTA					
TGT_NUM	Pre-Planned Target Number. A number assigned to each preplanned target, initialized at 00001. Recorded in the mission target support data block and the mission catalog support data block to associate the two groups of information. The same number may be assigned to multiple mission catalogs support blocks. Each mission target block shall have a unique number.	5	00001 to 99999		R
TGT_ID	Designator of Target	12	alphanumeric		<R>
TGT_BE	Basic Encyclopedia ID / OSUFFIX (target designator) of target.	15	alphanumeric		<R>
TGT_PRI	Pre-Planned Target Priority: 1 = top priority 2 = second, etc.	3	001 to 999		<R>
TGT_REQ	Target Requester. Identification of authority requesting targets image.	12	alphanumeric		<R>
TGT_LTIOV	Latest Time Information of Value. This field shall contain the date and time, referenced to UTC, at which the information contained in the file, loses all value and should be discarded. The date and time is in the format CCYYMMDDhhmm in which CCYY is the year, MM is the month (01–12), DD is the day of the month (01 to 31), hh is the hour (00 to 23), mm is the minute (00 to 59).	12	CCYYMMDDhhmm		<R>
TGT_TYPE	Pre-Planned Target Type: 0 = point 1 = strip 2 = area	1	0 to 9		<R>

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Field	**Name**	**Size**	**Value Range**	**Units**	**Type**
TGT_COLL	Pre-Planned Collection Technique: 0 = vertical 1 = forward oblique 2 = right oblique 3 = left oblique 4 = best possible 5 to 9 = reserved	1	0 to 9		R
TGT_CAT	Target Functional Category Code from DIAM-65-3-1. The five character numeric code classifies the function performed by a facility. The data code is based on an initial breakdown of targets into nine major groups, identified by the first digit: 1 Raw Materials 2 Basic Processing 3 Basic Equipment Production 4 Basic Services, Research, Utilities 5 End Products (civilian) 6 End Products (military) 7 Places, Population, Gov't 8 Air & Missile Facilities 9 Military Troop Facilities Each successive numeric character, reading from left to right, extends or delineates the definition further.	5	10000 to 99999		<R>
TGT_UTC	Planned Time at Target. Format is hhmmssZ: hh = Hours, mm = Minutes, ss = Seconds, Z = UTC time zone.	7	hhmmssZ		<R>
TGT_ELEV	Target Elevation, MSL. Planned elevation of point target. For strip and area targets, this corresponds to the average elevation of the target area. Measured in feet or meters, as specified by TGT_ELEV_UNIT.	6	-01000 to +30000	feet or meters	<R>
TGT_ELEV_ UNIT	Unit of Target Elevation. f = feet, m = meters.	1	f or m		<R>

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Field	**Name**	**Size**	**Value Range**	**Units**	**Type**
TGT_LOC	<u>Target Location</u>. Planned latitude/ longitude of corresponding portion of target. Location may be expressed in either degrees-minutes-seconds or in decimal degrees. The format ddmmss.ssX represents degrees (00 to 89), minutes (00 to 59), seconds (00 to 59), and hundredths of seconds (00 to 99) of latitude, with X = N for north or S for south, and dddmmss.ssY represents degrees (000 to 179), minutes (00 to 59), seconds (00 to 59), and hundredths of seconds (00 to 99) of longitude, with Y = E for east or W for west. The format ±dd.dddddd indicates degrees of latitude (north is positive), and ±ddd.dddddd represents degrees of longitude (east is positive).	21	ddmmss.ssXdddmmss.ssY ±dd.dddddd±ddd.dddddd		R