

## APPENDIX D

## SIGNALS INTELLIGENCE SYMOLOGY

## D.1 GENERAL

D.1.1 Scope. This appendix addresses tactical symbols in the Signals Intelligence domain. The tables in this appendix present the icons for space, air, ground, sea surface, and sea subsurface. This appendix is a mandatory part of the standard. The information contained herein is intended for compliance.

## D.2 APPLICABLE DOCUMENTS

This section is not applicable to this appendix.

## D.3 DEFINITIONS

The definitions in section 3 of this standard apply to this appendix.

## D.4 GENERAL REQUIREMENTS

D.4.1 Organization. The purpose of warfighting symbology is to convey information about objects in the warfighter battlespace. This appendix contains the technical specifications, symbol coding scheme, symbology hierarchy, and the tactical symbols for the Signals Intelligence symbology set.

## D.5 DETAILED REQUIREMENTS

D.5.1 Technical Specifications. Composition, construction, display, and transmission of tactical symbols are explained in the Detailed Requirements section of the standard.

D.5.2 Symbology identification coding scheme. A symbol ID code is a 15-character alphanumeric identifier that provides the information necessary to display or transmit a tactical symbol between MIL-STD-2525 compliant systems.

D.5.2.1 Code positions. The positions of the symbol ID code are described below. Since many symbols do not have an entry in every code position, a dash (-) is used to fill each unused position. An asterisk (\*) indicates positions that are user defined based on specific symbol circumstances, such as affiliation or echelon/mobility. Table D-1 identifies the fields of information included in a symbol ID code and the position each occupies in the 15-character identifier. The values in each field are filled from left to right unless otherwise specified.

- a. Position 1, coding scheme, indicates which overall symbology set a symbol belongs to.
- b. Position 2, affiliation, indicates the symbol's affiliation.
- c. Position 3, battle dimension, indicates the symbol's battle dimension.

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- d. Position 4, status, indicates the symbol's planned or present status.
- e. Positions 5 through 10, function ID, identifies a symbol's function. Each position indicates an increasing level of detail and specialization.
- f. Positions 11 and 12 are not used in the Signals Intelligence symbology set.
- g. Positions 13 and 14, country code, identifies the country with which a symbol is associated. Country code identifiers are listed in the Federal Information Processing Standard (FIPS) Pub 10 series.
- h. Position 15, order of battle, provides additional information about the role of a symbol in the battlespace.

TABLE D-I. Symbol ID code positions and categories.

CODING SCHEME (1) (POSITION 1)	AFFILIATION (1) (POSITION 2)	BATTLE DIMENSION (1) (POSITION 3)	STATUS (1) (POSITION 4)
S - WARFIGHTING G - TACTICAL GRAPHICS W - METOC I - INTELLIGENCE M - MAPPING (Reserved - Under Development) O - MILITARY OPERATIONS OTHER THAN WAR (MOOTW)	P - PENDING U - UNKNOWN A - ASSUMED FRIEND F - FRIEND N - NEUTRAL S - SUSPECT H - HOSTILE J - JOKER K - FAKER O - NONE SPECIFIED	P - SPACE A - AIR G - GROUND S - SEA SURFACE U - SEA SUBSURFACE X - OTHER (No frame)	A - ANTICIPATED/PLANNED P - PRESENT
FUNCTION ID (6) (POSITION 5-10)	(POSITION 11, 12)	COUNTRY CODE (2) (POSITION 13, 14)	ORDER OF BATTLE (1) (POSITION 15)
See tables D-III through D-VIII for specific values.	Not Used	See FIPS Pub series 10	A - AIR OB E - ELECTRONIC OB C - CIVILIAN OB G - GROUND OB N - MARITIME OB S - STRATEGIC FORCE RELATED

D.5.2.2 Symbol ID code tables. The following table lists the codes for space, air, ground, and sea surface. As seen in paragraph D.5.2.1, a dash (-) indicates that no information is provided in the position. An asterisk (\*) indicates a position that is defined by the user based on specific symbol circumstances.

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HIERARCHY	C O D E S C H E M E	A F I L I T A N I P *	B A T L I T U C I N O *	S T A T U T S O N D I D	F U N C T I O N D	N O U S E D	C O U T R Y D	O R D E R O F C O D E	DESCRIPTION
<b>4.X</b>	I	-	-	--	--	--	--	--	SIGNALS INTELLIGENCE
<b>4.X.1</b>	I	*	P	*	--	--	--	**	* SPACE TRACK
<b>4.X.1.1</b>	I	*	P	*	S-	--	--	**	* SIGNAL INTERCEPT
<b>4.X.1.1.1</b>	I	*	P	*	SC	--	--	**	* COMMUNICATIONS
<b>4.X.1.1.1.1</b>	I	*	P	*	SC	D-	--	**	* SATELLITE DOWN-LINK
<b>4.X.1.1.2</b>	I	*	P	*	SR	--	--	**	* RADAR
<b>4.X.1.1.2.1</b>	I	*	P	*	SR	D-	--	**	* DATA TRANSMISSION
<b>4.X.1.1.2.2</b>	I	*	P	*	SR	E-	--	**	* EARTH SURVEILLANCE
<b>4.X.1.1.2.3</b>	I	*	P	*	SR	I-	--	**	* IFF (TRANSPOUNDER)
<b>4.X.1.1.2.4</b>	I	*	P	*	SR	M-	--	**	* MULTI-FUNCTION
<b>4.X.1.1.2.5</b>	I	*	P	*	SR	T-	--	**	* TARGET ACQUISITION
<b>4.X.1.1.2.6</b>	I	*	P	*	SR	S-	--	**	* SPACE
<b>4.X.1.1.2.7</b>	I	*	P	*	SR	U-	--	**	* UNKNOWN
<b>4.X.2</b>	I	*	A	*	--	--	--	**	* AIR TRACK
<b>4.X.2.1</b>	I	*	A	*	S-	--	--	**	* SIGNAL INTERCEPT
<b>4.X.2.1.1</b>	I	*	A	*	SC	--	--	**	* COMMUNICATIONS
<b>4.X.2.1.1.1</b>	I	*	A	*	SC	C-	--	**	* CELLULAR/MOBILE
<b>4.X.2.1.1.2</b>	I	*	A	*	SC	O-	--	**	* OMNI-LINE-OF-SIGHT (LOS)
<b>4.X.2.1.1.3</b>	I	*	A	*	SC	P-	--	**	* POINT-TO-POINT LINE-OF-SIGHT (LOS)
<b>4.X.2.1.1.4</b>	I	*	A	*	SC	S-	--	**	* SATELLITE UP-LINK
<b>4.X.2.1.2</b>	I	*	A	*	SR	--	--	**	* RADAR
<b>4.X.2.1.2.1</b>	I	*	A	*	SR	AI	--	**	* AIRBORNE INTERCEPT
<b>4.X.2.1.2.2</b>	I	*	A	*	SR	AS	--	**	* AIRBORNE SEARCH & BOMBING
<b>4.X.2.1.2.3</b>	I	*	A	*	SR	C-	--	**	* CONTROLLED INTERCEPT
<b>4.X.2.1.2.4</b>	I	*	A	*	SR	D-	--	**	* DATA TRANSMISSION
<b>4.X.2.1.2.5</b>	I	*	A	*	SR	E-	--	**	* EARLY WARNING
<b>4.X.2.1.2.6</b>	I	*	A	*	SR	F-	--	**	* FIRE CONTROL
<b>4.X.2.1.2.7</b>	I	*	A	*	SR	I-	--	**	* IFF (TRANSPOUNDER)
<b>4.X.2.1.2.8</b>	I	*	A	*	SR	MA	--	**	* MISSILE ACQUISITION
<b>4.X.2.1.2.9</b>	I	*	A	*	SR	MD	--	**	* MISSILE DOWNLINK
<b>4.X.2.1.2.10</b>	I	*	A	*	SR	MG	--	**	* MISSILE GUIDANCE
<b>4.X.2.1.2.11</b>	I	*	A	*	SR	MT	--	**	* MISSILE TRACKING
<b>4.X.2.1.2.12</b>	I	*	A	*	SR	MF	--	**	* MULTI-FUNCTION
<b>4.X.2.1.2.13</b>	I	*	A	*	SR	TI	--	**	* TARGET ILLUMINATOR
<b>4.X.2.1.2.14</b>	I	*	A	*	SR	TA	--	**	* TARGET ACQUISITION
<b>4.X.2.1.2.15</b>	I	*	A	*	SR	TT	--	**	* TARGET TRACKING
<b>4.X.2.1.2.16</b>	I	*	A	*	SR	U-	--	**	* UNKNOWN

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HIERARCHY	C O D E S C H E M E	A F I L I A T O N E	B A T L I M E N S I O N	S T A T U N C O N I D	F U N C T I O N	N O T U S E D	C O U N T R Y D	O R D E R O F C O D E	R D E R O F B A T T L E	DESCRIPTION
4.X.3	I	*	G	*	-- -- --	--	**	*		GROUND TRACK
4.X.3.1	I	*	G	*	S- -- --	--	**	*		SIGNAL INTERCEPT
4.X.3.1.1	I	*	G	*	SC -- --	--	**	*		COMMUNICATIONS
4.X.3.1.1.1	I	*	G	*	SC C- --	--	**	*		CELLULAR/MOBILE
4.X.3.1.1.2	I	*	G	*	SC O- --	--	**	*		OMNI-LINE-OF-SIGHT (LOS)
4.X.3.1.1.3	I	*	G	*	SC P- --	--	**	*		POINT-TO-POINT LINE-OF-SIGHT (LOS)
4.X.3.1.1.4	I	*	G	*	SC S- --	--	**	*		SATELLITE UP-LINK
4.X.3.1.1.5	I	*	G	*	SC T- --	--	**	*		TROPOSPHERIC SCATTER
4.X.3.1.2	I	*	G	*	SR -- --	--	**	*		RADAR
4.X.3.1.2.1	I	*	G	*	SR AT --	--	**	*		AIR TRAFFIC CONTROL
4.X.3.1.2.2	I	*	G	*	SR AA --	--	**	*		ANTI-AIRCRAFT
4.X.3.1.2.3	I	*	G	*	SR B- --	--	**	*		BATTLEFIELD SURVEILLANCE
4.X.3.1.2.4	I	*	G	*	SR CS --	--	**	*		COASTAL SURVEILLANCE
4.X.3.1.2.5	I	*	G	*	SR CA --	--	**	*		CONTROLLED APPROACH
4.X.3.1.2.6	I	*	G	*	SR D- --	--	**	*		DATA TRANSMISSION
4.X.3.1.2.7	I	*	G	*	SR E- --	--	**	*		EARLY WARNING
4.X.3.1.2.8	I	*	G	*	SR F- --	--	**	*		FIRE CONTROL
4.X.3.1.2.9	I	*	G	*	SR H- --	--	**	*		HEIGHT FINDING
4.X.3.1.2.10	I	*	G	*	SR I- --	--	**	*		IDENTIFICATION FRIEND/FOE (INTERROGATOR)
4.X.3.1.2.11	I	*	G	*	SR MM --	--	**	*		METEOROLOGICAL (MILITARY)
4.X.3.1.2.12	I	*	G	*	SR MA --	--	**	*		MISSILE ACQUISITION
4.X.3.1.2.13	I	*	G	*	SR MG --	--	**	*		MISSILE GUIDANCE
4.X.3.1.2.14	I	*	G	*	SR MT --	--	**	*		MISSILE TRACKING
4.X.3.1.2.15	I	*	G	*	SR MF --	--	**	*		MULTI-FUNCTION
4.X.3.1.2.16	I	*	G	*	SR S- --	--	**	*		SHELL TRACKING
4.X.3.1.2.17	I	*	G	*	SR TA --	--	**	*		TARGET ACQUISITION
4.X.3.1.2.18	I	*	G	*	SR TI --	--	**	*		TARGET ILLUMINATOR
4.X.3.1.2.19	I	*	G	*	SR TT --	--	**	*		TARGET TRACKING
4.X.3.1.2.20	I	*	G	*	SR U- --	--	**	*		UNKNOWN
4.X.4	I	*	S	*	-- -- --	--	**	*		SEA SURFACE TRACK
4.X.4.1	I	*	S	*	S- -- --	--	**	*		SIGNAL INTERCEPT
4.X.4.1.1	I	*	S	*	SC -- --	--	**	*		COMMUNICATIONS
4.X.4.1.1.1	I	*	S	*	SC C- --	--	**	*		CELLULAR/MOBILE
4.X.4.1.1.2	I	*	S	*	SC O- --	--	**	*		OMNI-LINE-OF-SIGHT (LOS)
4.X.4.1.1.3	I	*	S	*	SC P- --	--	**	*		POINT-TO-POINT LINE-OF-SIGHT (LOS)
4.X.4.1.1.4	I	*	S	*	SC S- --	--	**	*		SATELLITE UP-LINK
4.X.4.1.2	I	*	S	*	SR -- --	--	**	*		RADAR

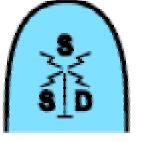
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HIERARCHY	C O D E S C H E M E	A F I L I A T I O N E	B A T L I E N I M E N S I O N N	S T A T U S I O N I D	F U N C T I O N	N O T U S E D	C O U N T R Y D	O R D E R O F C O D E	DESCRIPTION
4.X.4.1.2.1	I	*	S	*	SR AT --	--	**	*	AIR TRAFFIC CONTROL
4.X.4.1.2.2	I	*	S	*	SR AA --	--	**	*	ANTI-AIRCRAFT
4.X.4.1.2.3	I	*	S	*	SR CA --	--	**	*	CONTROLLED APPROACH
4.X.4.1.2.4	I	*	S	*	SR CI --	--	**	*	CONTROLLED INTERCEPT
4.X.4.1.2.5	I	*	S	*	SR D- --	--	**	*	DATA TRANSMISSION
4.X.4.1.2.6	I	*	S	*	SR E- --	--	**	*	EARLY WARNING
4.X.4.1.2.7	I	*	S	*	SR F- --	--	**	*	FIRE CONTROL
4.X.4.1.2.8	I	*	S	*	SR H- --	--	**	*	HEIGHT FINDING
4.X.4.1.2.9	I	*	S	*	SR I- --	--	**	*	IDENTIFICATION FRIEND/FOE (INTERROGATOR)
4.X.4.1.2.10	I	*	S	*	SR MM --	--	**	*	METEOROLOGICAL (MILITARY)
4.X.4.1.2.11	I	*	S	*	SR MA --	--	**	*	MISSILE ACQUISITION
4.X.4.1.2.12	I	*	S	*	SR MG --	--	**	*	MISSILE GUIDANCE
4.X.4.1.2.13	I	*	S	*	SR MT --	--	**	*	MISSILE TRACKING
4.X.4.1.2.14	I	*	S	*	SR MF --	--	**	*	MULTI-FUNCTION
4.X.4.1.2.15	I	*	S	*	SR S- --	--	**	*	SURFACE SEARCH
4.X.4.1.2.16	I	*	S	*	SR TA --	--	**	*	TARGET ACQUISITION
4.X.4.1.2.17	I	*	S	*	SR TI --	--	**	*	TARGET ILLUMINATOR
4.X.4.1.2.18	I	*	S	*	SR TT --	--	**	*	TARGET TRACKING
4.X.4.1.2.19	I	*	S	*	SR U- --	--	**	*	UNKNOWN
4.X.5	I	*	U	*	-- -- --	--	**	*	SUBSURFACE TRACK
4.X.5.1	I	*	U	*	S- -- --	--	**	*	SIGNAL INTERCEPT
4.X.5.1.1	I	*	U	*	SC -- --	--	**	*	COMMUNICATIONS
4.X.5.1.1.1	I	*	U	*	SC O- --	--	**	*	OMNI-LINE-OF-SIGHT (LOS)
4.X.5.1.1.2	I	*	U	*	SC P- --	--	**	*	POINT-TO-POINT LINE-OF-SIGHT (LOS)
4.X.5.1.1.3	I	*	U	*	SC S- --	--	**	*	SATELLITE UP-LINK
4.X.5.1.2	I	*	U	*	SR -- --	--	**	*	RADAR
4.X.5.1.2.1	I	*	U	*	SR D- --	--	**	*	DATA TRANSMISSION
4.X.5.1.2.2	I	*	U	*	SR E- --	--	**	*	EARLY WARNING
4.X.5.1.2.3	I	*	U	*	SR M- --	--	**	*	MULTI-FUNCTION
4.X.5.1.2.4	I	*	U	*	SR S- --	--	**	*	SURFACE SEARCH
4.X.5.1.2.5	I	*	U	*	SR T- --	--	**	*	TARGET ACQUISITION
4.X.5.1.2.6	I	*	U	*	SR U- --	--	**	*	UNKNOWN

D.5.3 Symbology set. The following table provides a graphic representation of each

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approved tactical symbol in the Signals Intelligence set. In the following tables, the Description column provides a concise description of each symbol using operational terminology. The Hierarchy column presents the information hierarchy (taxonomy) number described earlier in the appendix. The Frame column indicates whether the icon is framed (F), unframed (UF), or frame is optional (FO). All Signals Intelligence symbols shall be framed. The Sym-ID column under each Affiliation column (Unknown, Friend, Neutral, Hostile) presents the 15-character alphanumeric identifier necessary for automated systems to create each specific icon. As indicated previously, an asterisk (\*) indicates a position that is defined by the user based on specific symbol circumstances, while a dash (-) indicates that no information is provided in the position.

SYMBOL	UNKNOWN	FRIEND	NEUTRAL	HOSTILE
<b>4.X</b> SIGNALS INTELLIGENCE Framed:	N/A	N/A	N/A	N/A
<b>4.X.1</b> SIGNALS INTELLIGENCE SPACE TRACK Framed:	N/A	N/A	N/A	N/A
<b>4.X.1.1</b> SIGNALS INTELLIGENCE SPACE TRACK SIGNAL INTERCEPT Framed:	N/A	N/A	N/A	N/A
<b>4.X.1.1.1</b> SIGNALS INTELLIGENCE SPACE TRACK SIGNAL INTERCEPT COMMUNICATIONS Framed:	N/A	N/A	N/A	N/A
<b>4.X.1.1.1.1</b> SIGNALS INTELLIGENCE SPACE TRACK SIGNAL INTERCEPT COMMUNICATIONS SATELLITE DOWN-LINK Framed:				
<b>4.X.1.1.2</b> SIGNALS INTELLIGENCE SPACE TRACK SIGNAL INTERCEPT RADAR Framed:	N/A	N/A	N/A	N/A

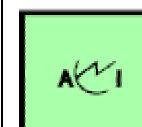
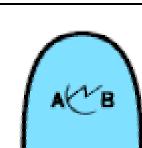
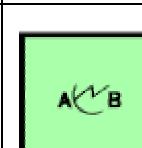
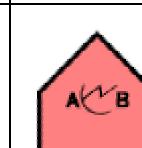
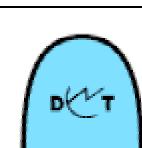
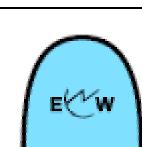
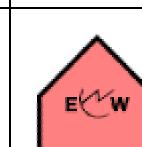
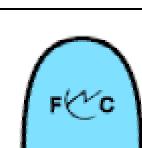
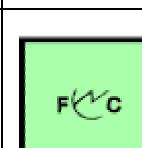
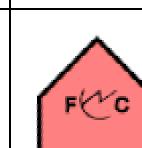
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SYMBOL	UNKNOWN	FRIEND	NEUTRAL	HOSTILE
<b>4.X.1.1.2.1</b>  SIGNALS INTELLIGENCE SPACE TRACK SIGNAL INTERCEPT RADAR DATA TRANSMISSION  Framed:				
<b>4.X.1.1.2.2</b>  SIGNALS INTELLIGENCE SPACE TRACK SIGNAL INTERCEPT RADAR EARTH SURVEILLANCE  Framed:				
<b>4.X.1.1.2.3</b>  SIGNALS INTELLIGENCE SPACE TRACK SIGNAL INTERCEPT RADAR IFF (TRANSPOUNDER)  Framed:				
<b>4.X.1.1.2.4</b>  SIGNALS INTELLIGENCE SPACE TRACK SIGNAL INTERCEPT RADAR MULTI-FUNCTION  Framed:				
<b>4.X.1.1.2.5</b>  SIGNALS INTELLIGENCE SPACE TRACK SIGNAL INTERCEPT RADAR TARGET ACQUISITION  Framed:				
<b>4.X.1.1.2.6</b>  SIGNALS INTELLIGENCE SPACE TRACK SIGNAL INTERCEPT RADAR SPACE  Framed:				
<b>4.X.1.1.2.7</b>  SIGNALS INTELLIGENCE SPACE TRACK SIGNAL INTERCEPT RADAR UNKNOWN  Framed:				

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SYMBOL	UNKNOWN	FRIEND	NEUTRAL	HOSTILE	
<b>4.X.2</b> SIGNALS INTELLIGENCE AIR TRACK  Framed:	N/A	N/A	N/A	N/A	
<b>4.X.2.1</b> SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT  Framed:	N/A	N/A	N/A	N/A	
<b>4.X.2.1.1</b> SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT COMMUNICATIONS  Framed:	N/A	N/A	N/A	N/A	
<b>4.X.2.1.1.1</b> SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT COMMUNICATIONS CELLULAR/MOBILE  Framed:					IUAPSCC----- IFAPSCC----- INAPSCC----- IHAPSCC-----
<b>4.X.2.1.1.2</b> SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT COMMUNICATIONS OMNI-LINE-OF-SIGHT (LOS)  Framed:					IUAPSCO----- IFAPSCO----- INAPSCO----- IHAPSCO-----
<b>4.X.2.1.1.3</b> SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT COMMUNICATIONS POINT-TO-POINT LINE-OF-SIGHT (LOS)  Framed:					IUAPSCP----- IFAPSCP----- INAPSCP----- IHAPSCP-----
<b>4.X.2.1.1.4</b> SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT COMMUNICATIONS SATELLITE UP-LINK  Framed:					IUAPSCS----- IFAPSCS----- INAPSCS----- IHAPSCS-----

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SYMBOL	UNKNOWN	FRIEND	NEUTRAL	HOSTILE
<b>4.X.2.1.2</b>  SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT RADAR  Framed:	N/A	N/A	N/A	N/A
<b>4.X.2.1.2.1</b>  SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT RADAR AIRBORNE INTERCEPT  Framed:				
	IUAPSRAI-----	IFAPSRAI-----	INAPSRAI-----	IHAPSRAI-----
<b>4.X.2.1.2.2</b>  SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT RADAR AIRBORNE SEARCH & BOMBING  Framed:				
	IUAPSRS-----	IFAPSRS-----	INAPSRS-----	IHAPSRS-----
<b>4.X.2.1.2.3</b>  SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT RADAR CONTROLLED INTERCEPT  Framed:				
	IUAPSRC-----	IFAPSRC-----	INAPSRC-----	IHAPSRC-----
<b>4.X.2.1.2.4</b>  SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT RADAR DATA TRANSMISSION  Framed:				
	IUAPSRD-----	IFAPSRD-----	INAPSRD-----	IHAPSRD-----
<b>4.X.2.1.2.5</b>  SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT RADAR EARLY WARNING  Framed:				
	IUAPSRE-----	IFAPSRE-----	INAPSRE-----	IHAPSRE-----
<b>4.X.2.1.2.6</b>  SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT RADAR FIRE CONTROL  Framed:				
	IUAPSRF-----	IFAPSRF-----	INAPSRF-----	IHAPSRF-----

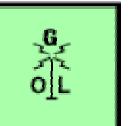
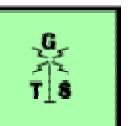
## APPENDIX D

SYMBOL	UNKNOWN	FRIEND	NEUTRAL	HOSTILE
<b>4.X.2.1.2.7</b>  SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT RADAR IFF (TRANSPOUNDER)  Framed:				
	IUAPSRI-----	IFAPSRI-----	INAPSRI-----	IHAPSRI-----
<b>4.X.2.1.2.8</b>  SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT RADAR MISSILE ACQUISITION  Framed:				
	IUAPSRMA-----	IFAPSRMA-----	INAPSRMA-----	IHAPSRMA-----
<b>4.X.2.1.2.9</b>  SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT RADAR MISSILE DOWNLINK  Framed:				
	IUAPSRMD-----	IFAPSRMD-----	INAPSRMD-----	IHAPSRMD-----
<b>4.X.2.1.2.10</b>  SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT RADAR MISSILE GUIDANCE  Framed:				
	IUAPSRMG-----	IFAPSRMG-----	INAPSRMG-----	IHAPSRMG-----
<b>4.X.2.1.2.11</b>  SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT RADAR MISSILE TRACKING  Framed:				
	IUAPSRMT-----	IFAPSRMT-----	INAPSRMT-----	IHAPSRMT-----
<b>4.X.2.1.2.12</b>  SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT RADAR MULTI-FUNCTION  Framed:				
	IUAPSRMF-----	IFAPSRMF-----	INAPSRMF-----	IHAPSRMF-----
<b>4.X.2.1.2.13</b>  SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT RADAR TARGET ILLUMINATOR  Framed:				
	IUAPSRTI-----	IFAPSRTI-----	INAPSRTI-----	IHAPSRTI-----

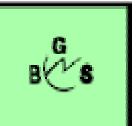
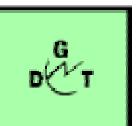
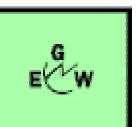
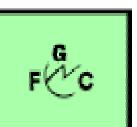
## APPENDIX D

SYMBOL	UNKNOWN	FRIEND	NEUTRAL	HOSTILE
<b>4.X.2.1.2.14</b>  SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT RADAR TARGET ACQUISITION  Framed:				
<b>4.X.2.1.2.15</b>  SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT RADAR TARGET TRACKING  Framed:				
<b>4.X.2.1.2.16</b>  SIGNALS INTELLIGENCE AIR TRACK SIGNAL INTERCEPT RADAR UNKNOWN  Framed:				
<b>4.X.3</b>  SIGNALS INTELLIGENCE GROUND TRACK  Framed:	N/A	N/A	N/A	N/A
<b>4.X.3.1</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT  Framed:	N/A	N/A	N/A	N/A
<b>4.X.3.1.1</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT COMMUNICATIONS  Framed:	N/A	N/A	N/A	N/A
<b>4.X.3.1.1.1</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT COMMUNICATIONS CELLULAR/MOBILE  Framed:				

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SYMBOL	UNKNOWN	FRIEND	NEUTRAL	HOSTILE
<b>4.X.3.1.1.2</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT COMMUNICATIONS OMNI-LINE-OF-SIGHT (LOS)  Framed:				
<b>4.X.3.1.1.3</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT COMMUNICATIONS POINT-TO-POINT LINE-OF-SIGHT (LOS)  Framed:				
<b>4.X.3.1.1.4</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT COMMUNICATIONS SATELLITE UP-LINK  Framed:				
<b>4.X.3.1.1.5</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT COMMUNICATIONS TROPOSPHERIC SCATTER  Framed:				
<b>4.X.3.1.2</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR  Framed:	N/A	N/A	N/A	N/A
<b>4.X.3.1.2.1</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR AIR TRAFFIC CONTROL  Framed:				
<b>4.X.3.1.2.2</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR ANTI-AIRCRAFT  Framed:				

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SYMBOL	UNKNOWN	FRIEND	NEUTRAL	HOSTILE
<b>4.X.3.1.2.3</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR BATTLEFIELD SURVEILLANCE  Framed:				
<b>4.X.3.1.2.4</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR COASTAL SURVEILLANCE  Framed:				
<b>4.X.3.1.2.5</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR CONTROLLED APPROACH  Framed:				
<b>4.X.3.1.2.6</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR DATA TRANSMISSION  Framed:				
<b>4.X.3.1.2.7</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR EARLY WARNING  Framed:				
<b>4.X.3.1.2.8</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR FIRE CONTROL  Framed:				
<b>4.X.3.1.2.9</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR HEIGHT FINDING  Framed:				

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SYMBOL	UNKNOWN	FRIEND	NEUTRAL	HOSTILE
<b>4.X.3.1.2.10</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR IDENTIFICATION FRIEND/FOE (INTERROGATOR)  Framed:				
IUGPSRI-----	IFGPSRI-----	INGPSRI-----	IHGPSRI-----	
<b>4.X.3.1.2.11</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR METEOROLOGICAL (MILITARY)  Framed:				
IUGPSRMM-----	IFGPSRMM-----	INGPSRMM-----	IHGPSRMM-----	
<b>4.X.3.1.2.12</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR MISSILE ACQUISITION  Framed:				
IUGPSRMA-----	IFGPSRMA-----	INGPSRMA-----	IHGPSRMA-----	
<b>4.X.3.1.2.13</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR MISSILE GUIDANCE  Framed:				
IUGPSRMG-----	IFGPSRMG-----	INGPSRMG-----	IHGPSRMG-----	
<b>4.X.3.1.2.14</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR MISSILE TRACKING  Framed:				
IUGPSRMT-----	IFGPSRMT-----	INGPSRMT-----	IHGPSRMT-----	
<b>4.X.3.1.2.15</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR MULTI-FUNCTION  Framed:				
IUGPSRMF-----	IFGPSRMF-----	INGPSRMF-----	IHGPSRMF-----	
<b>4.X.3.1.2.16</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR SHELL TRACKING  Framed:				
IUGPSRS-----	IFGPSRS-----	INGPSRS-----	IHGPSRS-----	

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SYMBOL	UNKNOWN	FRIEND	NEUTRAL	HOSTILE
<b>4.X.3.1.2.17</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR TARGET ACQUISITION  Framed:				
<b>4.X.3.1.2.18</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR TARGET ILLUMINATOR  Framed:				
<b>4.X.3.1.2.19</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR TARGET TRACKING  Framed:				
<b>4.X.3.1.2.20</b>  SIGNALS INTELLIGENCE GROUND TRACK SIGNAL INTERCEPT RADAR UNKNOWN  Framed:				
<b>4.X.4</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK  Framed:	N/A	N/A	N/A	N/A
<b>4.X.4.1</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT  Framed:	N/A	N/A	N/A	N/A
<b>4.X.4.1.1</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT COMMUNICATIONS  Framed:	N/A	N/A	N/A	N/A

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SYMBOL	UNKNOWN	FRIEND	NEUTRAL	HOSTILE
<b>4.X.4.1.1.1</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT COMMUNICATIONS CELLULAR/MOBILE  Framed:				
IUSPSCC-----	IUSPSCC-----	IFSPSCC-----	INSPSCC-----	IHSPSCC-----
<b>4.X.4.1.1.2</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT COMMUNICATIONS OMNI-LINE-OF-SIGHT (LOS)  Framed:				
IUSPSCO-----	IUSPSCO-----	IFSPSCO-----	INSPSCO-----	IHSPSCO-----
<b>4.X.4.1.1.3</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT COMMUNICATIONS POINT-TO-POINT LINE-OF-SIGHT (LOS)  Framed:				
IUSPSCP-----	IUSPSCP-----	IFSPSCP-----	INSPSCP-----	IHSPSCP-----
<b>4.X.4.1.1.4</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT COMMUNICATIONS SATELLITE UP-LINK  Framed:				
IUSPSCS-----	IUSPSCS-----	IFSPSCS-----	INSPSCS-----	IHSPSCS-----
<b>4.X.4.1.2</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT RADAR  Framed:	N/A	N/A	N/A	N/A
<b>4.X.4.1.2.1</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT RADAR AIR TRAFFIC CONTROL  Framed:				
IUSPSRAT-----	IUSPSRAT-----	IFSPSRAT-----	INSPSRAT-----	IHSPSRAT-----
<b>4.X.4.1.2.2</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT RADAR ANTI-AIRCRAFT  Framed:				
IUSPSRAA-----	IUSPSRAA-----	IFSPSRAA-----	INSPSRAA-----	IHSPSRAA-----

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SYMBOL	UNKNOWN	FRIEND	NEUTRAL	HOSTILE
<b>4.X.4.1.2.3</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT RADAR CONTROLLED APPROACH  Framed:				
IUSPSRCA-----	IUSPSRCA-----	IFSPSRCA-----	INSPSRCA-----	IHSPSRCA-----
<b>4.X.4.1.2.4</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT RADAR CONTROLLED INTERCEPT  Framed:				
IUSPSRCI-----	IUSPSRCI-----	IFSPSRCI-----	INSPSRCI-----	IHSPSRCI-----
<b>4.X.4.1.2.5</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT RADAR DATA TRANSMISSION  Framed:				
IUSPSRD-----	IUSPSRD-----	IFSPSRD-----	INSPSRD-----	IHSPSRD-----
<b>4.X.4.1.2.6</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT RADAR EARLY WARNING  Framed:				
IUSPSRE-----	IUSPSRE-----	IFSPSRE-----	INSPSRE-----	IHSPSRE-----
<b>4.X.4.1.2.7</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT RADAR FIRE CONTROL  Framed:				
IUSPSRF-----	IUSPSRF-----	IFSPSRF-----	INSPSRF-----	IHSPSRF-----
<b>4.X.4.1.2.8</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT RADAR HEIGHT FINDING  Framed:				
IUSPSRH-----	IUSPSRH-----	IFSPSRH-----	INSPSRH-----	IHSPSRH-----
<b>4.X.4.1.2.9</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT RADAR IDENTIFICATION FRIEND/FOE (INTERROGATOR)  Framed:				
IUSPSRI-----	IUSPSRI-----	IFSPSRI-----	INSPSRI-----	IHSPSRI-----

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SYMBOL	UNKNOWN	FRIEND	NEUTRAL	HOSTILE
<b>4.X.4.1.2.10</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT RADAR METEOROLOGICAL (MILITARY)  Framed:				
	IUSPSRMM-----	IFSPSRMM-----	INSPSRMM-----	IHSPSRMM-----
<b>4.X.4.1.2.11</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT RADAR MISSILE ACQUISITION  Framed:				
	IUSPSRMA-----	IFSPSRMA-----	INSPSRMA-----	IHSPSRMA-----
<b>4.X.4.1.2.12</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT RADAR MISSILE GUIDANCE  Framed:				
	IUSPSRMG-----	IFSPSRMG-----	INSPSRMG-----	IHSPSRMG-----
<b>4.X.4.1.2.13</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT RADAR MISSILE TRACKING  Framed:				
	IUSPSRMT-----	IFSPSRMT-----	INSPSRMT-----	IHSPSRMT-----
<b>4.X.4.1.2.14</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT RADAR MULTI-FUNCTION  Framed:				
	IUSPSRMF-----	IFSPSRMF-----	INSPSRMF-----	IHSPSRMF-----
<b>4.X.4.1.2.15</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT RADAR SURFACE SEARCH  Framed:				
	IUSPSRS-----	IFSPSRS-----	INSPSRS-----	IHSPSRS-----
<b>4.X.4.1.2.16</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT RADAR TARGET ACQUISITION  Framed:				
	IUSPSRTA-----	IFSPSRTA-----	INSPSRTA-----	IHSPSRTA-----

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SYMBOL	UNKNOWN	FRIEND	NEUTRAL	HOSTILE
<b>4.X.4.1.2.17</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT RADAR TARGET ILLUMINATOR  Framed:				
IUSPSRTI-----	IUSPSRTI-----	IFSPSRTI-----	INSPSRTI-----	IHSPSRTI-----
<b>4.X.4.1.2.18</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT RADAR TARGET TRACKING  Framed:				
IUSPSRTT-----	IUSPSRTT-----	IFSPSRTT-----	INSPSRTT-----	IHSPSRTT-----
<b>4.X.4.1.2.19</b>  SIGNALS INTELLIGENCE SEA SURFACE TRACK SIGNAL INTERCEPT RADAR UNKNOWN  Framed:				
IUSPSRU-----	IUSPSRU-----	IFSPSRU-----	INSPSRU-----	IHSPSRU-----
<b>4.X.5</b>  SIGNALS INTELLIGENCE SUBSURFACE TRACK  Framed:	N/A	N/A	N/A	N/A
<b>4.X.5.1</b>  SIGNALS INTELLIGENCE SUBSURFACE TRACK SIGNAL INTERCEPT  Framed:	N/A	N/A	N/A	N/A
<b>4.X.5.1.1</b>  SIGNALS INTELLIGENCE SUBSURFACE TRACK SIGNAL INTERCEPT COMMUNICATIONS  Framed:	N/A	N/A	N/A	N/A
<b>4.X.5.1.1.1</b>  SIGNALS INTELLIGENCE SUBSURFACE TRACK SIGNAL INTERCEPT COMMUNICATIONS OMNI-LINE-OF-SIGHT (LOS)  Framed:				
IUUPSCO-----	IFUPSCO-----	INUPSCO-----	IHUPSCO-----	

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SYMBOL	UNKNOWN	FRIEND	NEUTRAL	HOSTILE
<b>4.X.5.1.1.2</b> SIGNALS INTELLIGENCE SUBSURFACE TRACK SIGNAL INTERCEPT COMMUNICATIONS POINT-TO-POINT LINE-OF-SIGHT (LOS) Framed:				
	IUUPSCP-----	IFUPSCP-----	INUPSCP-----	IHUPSCP-----
<b>4.X.5.1.1.3</b> SIGNALS INTELLIGENCE SUBSURFACE TRACK SIGNAL INTERCEPT COMMUNICATIONS SATELLITE UP-LINK Framed:				
	IUUPSCS-----	IFUPSCS-----	INUPSCS-----	IHUPSCS-----
<b>4.X.5.1.2</b> SIGNALS INTELLIGENCE SUBSURFACE TRACK SIGNAL INTERCEPT RADAR Framed:	N/A	N/A	N/A	N/A
<b>4.X.5.1.2.1</b> SIGNALS INTELLIGENCE SUBSURFACE TRACK SIGNAL INTERCEPT RADAR DATA TRANSMISSION Framed:				
	IUUPSRD-----	IFUPSRD-----	INUPSRD-----	IHUPSRD-----
<b>4.X.5.1.2.2</b> SIGNALS INTELLIGENCE SUBSURFACE TRACK SIGNAL INTERCEPT RADAR EARLY WARNING Framed:				
	IUUPSRE-----	IFUPSRE-----	INUPSRE-----	IHUPSRE-----
<b>4.X.5.1.2.3</b> SIGNALS INTELLIGENCE SUBSURFACE TRACK SIGNAL INTERCEPT RADAR MULTI-FUNCTION Framed:				
	IUUPSRM-----	IFUPSRM-----	INUPSRM-----	IHUPSRM-----
<b>4.X.5.1.2.4</b> SIGNALS INTELLIGENCE SUBSURFACE TRACK SIGNAL INTERCEPT RADAR SURFACE SEARCH Framed:				
	IUUPSRS-----	IFUPSRS-----	INUPSRS-----	IHUPSRS-----

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SYMBOL	UNKNOWN	FRIEND	NEUTRAL	HOSTILE
<b>4.X.5.1.2.5</b> SIGNALS INTELLIGENCE SUBSURFACE TRACK SIGNAL INTERCEPT RADAR TARGET ACQUISITION Framed:				
	IUUPSRT-----	IFUPSRT-----	INUPSR-----	IHUPSR-----
<b>4.X.5.1.2.6</b> SIGNALS INTELLIGENCE SUBSURFACE TRACK SIGNAL INTERCEPT RADAR UNKNOWN Framed:				
	IUUPSRU-----	IFUPSRU-----	INUPSRU-----	IHUPSRU-----