Registry of General-Purpose Concatenated Elements

558 513 Max/min Class Code this section

Ordered Sequence of Primitives Defined by Concatenated Type/Class Code

Date of Approval for Use	Class Code, decimal value	Class Code, hex value	Class Descriptor (For registry sorting convenience; not required for file format)	Type Descriptor (For registry sorting convenience; not required for file format)	Class/Type Descriptor (For registry sorting convenience; not required for file format)	C/T Code Char cnt	Length of Concatenated, bytes	Description	Primitive 1	Primitive 2	Primitive 3	Primitive 4	Primitive 5	Primitive 6	Primitive 7	Primitive 8	Primitive 9	Primitive 10	Primitive 11	Primitive 12	Primitive 13	Primitive 14	Primitive 15	Primitive 16
20-Feb-2004	513	201	AIMPOINT	REL ACAES	AIMPOINT REL ACAES	18		Relative position vector. Acft Az/El/Slant	APT REL ACAZ ANG	APT REL ACEL ANG	APT REL SLANT													
20-Feb-2004	514	202	AIMPOINT	REL AES	AIMPOINT REL AES	16		Relative position vector, Wpn Az/El/Slant	APT REL AZ ANG	APT REL EL ANG	APT REL SLANT													
20-Feb-2004	515	203	AIMPOINT	REL NED	AIMPOINT REL NED	16		Relative position vector, NED	APT TGT REL N	APT TGT REL E	APT TGT REL D													
20-Feb-2004	516	204	AIMPOINT	REL RT ACAES	AIMPOINT REL RT ACAES	21		Relative pos'n vector rate, Aircraft Az/El/Slant	APT REL ACAZ RT	APT REL ACEL RT	APT REL SLANT RT													
20-Feb-2004	517	205	AIMPOINT	REL RT AES	AIMPOINT REL RT AES	19		Relative pos'n vector rate, Weapon Az/El/Slant	APT REL AZ RT	APT REL EL RT	APT REL SLANT RT													
20-Feb-2004	518	206	AIMPOINT	REL RT NED	AIMPOINT REL RT NED	19		Relative pos'n vector rate, NED	APT REL N RATE	APT REL E RATE	APT REL D RATE													
20-Feb-2004	519	207	AIMPOINT	IMPANGL LMTS	AIMPOINT IMPANGL LMTS	21		Impact Angle limits	APT IMP AZ MAX	APT IMP AZ MIN	APT IMP DIVE MAX	APT IMP DIVE MIN												
20-Feb-2004	520	208	AIMPOINT	IMPACT STATE	AIMPOINT IMPACT STATE	21		Impact State Control	APT IMPANGL LMTS	APT IMPCT VEL MN	APT IMPCT VEL MX	APT ALPHA LIMIT	APT BETA LIMIT											
20-Feb-2004	521	209	EMISSION	SIGNATURE	EMISSION SIGNATURE	18		Emitter Signature Data	EMS FREQUENCY	EMS BANDWIDTH	EMS PULSEREPFREQ	EMS PULSEWIDTH	EMS REF CODE											
20-Feb-2004	522	20A	ENVIRONMENT	SURF CURR	ENVIRONMENT SURF CU	21		Surface Current North & East components	ENV SURF CRNT N	ENV SURF CRNT E														
20-Feb-2004	523	20B	ENVIRONMENT	WIND VECTOR	ENVIRONMENT WIND VE	23		Windspeed North & East components	ENV WNDSPD NORTH	ENV WNDSPD EAST														
20-Feb-2004	524	20C	GENERAL	DIST NED	GENERAL DIST NED	16		Distance vector, in NED components	GEN DIST N	GEN DIST E	GEN DIST D													
20-Feb-2004	525	20D	GENERAL	VEL NED	GENERAL VEL NED	15		Velocity vector, in NED components	GEN VEL N	GEN VEL E	GEN VEL D													
20-Feb-2004	526	20E	GENERAL	ACCEL NED	GENERAL ACCEL NED	17		Acceleration vector, in NED components	GEN ACCEL N	GEN ACCEL E	GEN ACCEL D													
20-Feb-2004	527	20F	GENERAL	KINE NED	GENERAL KINE NED	16		Kinematic State in NED components	GEN DIST NED	GEN VEL NED	GEN ACCEL NED													
20-Feb-2004	528	210	LAUNCH	2D CORD	LAUNCH 2D CORD	14		Launch lat & long	LNCH LAT	LNCH LONG														
20-Feb-2004	529	211	LAUNCH	3D CORD	LAUNCH 3D CORD	14		Launch lat, long & el	LNCH LAT	LNCH LONG	LNCH GEO EL ELPSD													
20-Feb-2004	530	212	LAUNCH	VECTOR	LAUNCH VECTOR	13		Launch: az/el heading & speed at release	LNCH REL AZ ANG	LNCH REL EL ANG														
17-Mar-2004	556	22C	MISSION	LGCY TD BLK	MISSION LGCY TD BLK	19		Data required to generate a legacy-formatted MIL-STD-1760 TD Msg, words 1-30; Platform will reconstruct Command Word using BUS SUBADDR. Data Word 30 may be formatted as a message checksum in some applications.	BUS SUBADDR	GEN DATA WORD (repeat 30 times total)														
17-Mar-2004	557	22D	MISSION	LGCY TC MSG	MISSION LGCY TC MSG	19		Data required to generate a legacy-formatted MIL-STD-1760 TC Msg; includes words 2-7; Platform will reconstruct Command, Header & Checksum Words.	GEN DATA WORD (repeat 6 times total)															
17-Mar-2004	558	22E	MISSION	NULL TD BLK	MISSION NULL TD BLK	19		Record & block number required to generate a null-content 1760 TD block; Platform will reconstruct words for: command (using BUS SUBADDR,) record/block (using GEN PACKED BYTES,) invalidity, (null) data, and (if in embedded mode) checksum	BUS SUBADDR	8-bit record # & 8-bit block #, formatted as GEN PACKED BYTES													
20-Feb-2004	531	213	TARGET	2D CORD	TARGET 2D CORD	14		Target lat & long	TGT LAT	TGT LONG														
20-Feb-2004	532	214	TARGET	2D CORD CE9	TARGET 2D CORD CE9	18		Target lat & long, with CE90	TGT LAT	TGT LONG	TGT CE90 HORIZ													
20-Feb-2004	533	215	TARGET	2D CORD CEP	TARGET 2D CORD CEP	18		Target lat & long, with CEP	TGT LAT	TGT LONG	TGT CEP HORIZ													
20-Feb-2004	534	216	TARGET	2D CORD EL9	TARGET 2D CORD EL9	18		Target lat & long with 90% error ellipse	TGT LAT	TGT LONG	TGT ERR9 ELLIPSE													
20-Feb-2004	535	217	TARGET	2D CORD SB	TARGET 2D CORD SB	17		Target lat & long, with significant bits	TGT LAT	TGT LONG	TGT SIGNIF BITS													
20-Feb-2004	536	218	TARGET	3D CORD	TARGET 3D CORD	14		Target lat, long & el	TGT LAT	TGT LONG	TGT GEO EL ELPSD													
20-Feb-2004	537	219	TARGET	3D CORD CLE9	TARGET 3D CORD CLE9	19		Target lat, long & el, w/CE90 & LE90	TGT LAT	TGT LONG	TGT GEO EL ELPSD	TGT CE90 HORIZ	TGT LE90 VERT											
20-Feb-2004	538	21A	TARGET	3D CORD CLEP	TARGET 3D CORD CLEP	19		Target lat, long & el, w/CEP & LEP	TGT LAT	TGT LONG	TGT GEO EL ELPSD	TGT CEP HORIZ	TGT LEP VERT											
20-Feb-2004	539	21B	TARGET	3D CORD SB	TARGET 3D CORD SB	17		Target lat, long & el, with significant bits	TGT LAT	TGT LONG	TGT GEO EL ELPSD	TGT SIGNIF BITS												
20-Feb-2004	540	21C	TARGET	ERR9 ELLIPSE	TARGET ERR9 ELLIPSE	19		Target position error ellipse, 90% prob	TGT MAJ AXIS AZ	TGT MAJ AXIS ER9	TGT MIN AXIS ER9													
20-Feb-2004	541	21D	TARGET	OFFSET NED	TARGET OFFSET NED	17		Target offset vector, NED coordinates	TGT OFFSET N	TGT OFFSET E	TGT OFFSET D													
20-Feb-2004	542	21E	TARGET	OFST REL RT	TARGET OFST REL RT	18		Target offset rel rate, NED coordinates	TGT OFFST N RATE	TGT OFFST E RATE	TGT OFFST D RATE													
20-Feb-2004	543	21F	TARGET	STATUS	TARGET STATUS	13		Combination of 1760 1st status words	TGT FILE NUMBER	TGT ACTIVE	TGT INVALIDITY	TGT VALID TIME												
20-Feb-2004	544	220	TARGET	WGS84 RATE	TARGET WGS84 RATE	17		Target rate, in WGS-84 coordinates	TGT LAT RATE	TGT LONG RATE	TGT ELEV RATE													
20-Feb-2004	545	221	TIME	YR MO DA	TIME YR MO DA	13	6	Date in year, month, and day of month	TIM YEAR	TIM MONTH	TIM DAY/MO													
20-Feb-2004	546	222	TIME	YR DA	TIME YR DA	10	4	Date in year and day of year	TIM YEAR	TIM DAY/YR														
20-Feb-2004	547	223	TIME	DUR EXT	TIME DUR EXT	12	8	Extended duration, days & usec, additive	TIM 24HR DUR	TIM USEC DUR														
20-Feb-2004	548	224	TIME	TOA	TIME TOA	8	12	Time of arrival (e.g. at target/wpt.) UTC, nominal, as to drive autoı	TIM YR MO DA	TIM USEC DUR														
20-Feb-2004	549	225	TIME	TOA EARLY	TIME TOA EARLY	14	12	Time of arrival (e.g. at target/wpt.) UTC, early, as to limit LAR	TIM YR MO DA	TIM USEC DUR														
20-Feb-2004	550	226	TIME	TOA LATE	TIME TOA LATE	13	12	Time of arrival (e.g. at target/wpt.) UTC, late, as to limit LAR	TIM YR MO DA	TIM USEC DUR														
20-Feb-2004	551	227	TIME	STAMP	TIME STAMP	10	8	Time Stamp YR/DAT/OD, accurate to approx. 64 us	TIM YEAR	TIM DAY/YR	TIM UTC TOD													
20-Feb-2004	552	228	NAVIGATION	2D CORD	NAVIGATION 2D CORD	18	8	General purpose 2D coordinate lat & long	NAVIGATION LATITUDE	NAVIGATION LONGITUDE														
20-Feb-2004	553	229	NAVIGATION	3D CORD	NAVIGATION 3D CORD	18	12	General purpose 3D coordinate lat, long & el	NAVIGATION LATITUDE	NAVIGATION LONGITUD	TION HEIGHT ABOVE ELLIPSOID													
20-Feb-2004	554	22A	NAVIGATION	OFFSET NED	NAVIGATION OFFSET NE	21	6	Offset vector, NED, from a given coordinate	VIGATION OFFSET NO	VIGATION OFFSET EA	VIGATION OFFSET DOWN													
20-Feb-2004	555	22B	NAVIGATION	REL NED	NAVIGATION REL NED	18		Navigation point, relative to current, NED coords	WPT REL N	WPT REL E	WPT REL D													

Registry of Program-Specific Concatenated Elements

28671 28668 Max/min Class Code this section

Ordered Sequence of Primitives Defined by Concatenated Type/Class Code

Date of Approval for TPDF use	Class Code, decimal value	Class Code, hex value	Class Descriptor (For registry sorting convenience; not required for file format)	Type Descriptor (For registry sorting convenience; not required for file format)	Class/Type Descriptor (For registry sorting convenience; not required for file format)	C/T Code Char cnt	Description	Primitive 1	Primitive 2	Primitive 3	Primitive 4	Primitive 5	Primitive 6	Primitive 7	Primitive 8	Primitive 9	Primitive 10	Primitive 11	Primitive 12	Primitive 13	Primitive 14	Primitive 15	Primitive 16
	28671	6FFF																					
	28670	6FFE																					
	28669	6FFD																					
	28668	6FFC																					