

About the status of the Categories

The table below provides an overview of the allocated categories and a short description of their purpose. Category numbers not listed here are available for future use. Categories fall under three main statuses:

- "Released Standard" - the Category is frozen and has been through a standardisation process. The only amendments possible would be editorial changes. Any other modification would lead to the creation of a new Data Category.
- "Released Issue" - it means that it is frozen. They are "issues" as they are aimed at specific applications and do not appear as being part of the ASTERIX Standard Document.
- "Working Draft" - the Category is already reserved for a certain use but is still under development.

CATS 000 to 127 - Standard Civil and Military Applications

CAT	Description	Data Source	Part
CAT000	Time Synchronisation Messages (providing efficient time stamping when composite traffic pictures are exchanged between processing systems)	Reserved for MADAP	-
CAT001	Monoradar Data Target Reports, from a Radar Surveillance System to an SDPS (plots and tracks from PSRs, SSRs, MSSRs, excluding Mode S and ground surveillance)	Replaced by CAT048	2a
CAT002	Monoradar Service Messages (status, North marker, sector crossing messages)	Replaced by CAT034	2b
CAT003	Distribution of Synthetic Air Traffic Data	Reserved for MADAP	-
CAT004	Safety Nets Messages	Safety Nets Server	17
CAT007	Directed Interrogation Messages	Mode-S Station	21
CAT008	Monoradar Derived Weather Information	Monoradar	3
CAT009	Multisensor Derived Weather Information	Reserved for MADAP.	-
CAT010	Monosensor Surface Movement Data	Surface Movement Radar	7
CAT011	Advanced-SMGCS Data	SMGCS System	8



EUROCONTROL

CAT012	Monoradar Target Reports	Reserved for PAR	22
CAT013	Monoradar Service Messages	Reserved for PAR	23
CAT014	Monoradar Weather Reports	Reserved for PAR	24
CAT015	INCS (Independent Non-Cooperative Surveillance) Target Reports – under development	Reserved for INCS Systems	28
CAT016	INCS Configuration Reports – under development	Reserved for INCS Systems	30
CAT017	Mode S Surveillance Co-ordination Function messages	Mode-S Station	5
CAT018	Mode S Data-Link Function messages	Mode-S Station	6
CAT019	MLT System Status Messages	Multilateration Ground Station	18
CAT020	MLT Messages	Multilateration Ground Station	14
CAT021	ADS-B Messages	ADS-B Ground Station	12
CAT022	TIS-B Management Messages	ADS-B Ground Station	13
CAT023	CNS/ATM Ground Station Service Messages	ADS-B Ground Station	16
CAT024	ADS-C Messages	ADS-C Ground Station	25
CAT025	CNS/ATM Ground System Status Report	Ground Systems	26
CAT031	Sensors Information messages (transmission of surveillance biases to users)	Reserved for ARTAS	-
CAT032	Information provided by users to ARTAS	Reserved for ARTAS	29
CAT033	ADS-B Messages (Assigned for use by FAA)	ADS-B Ground Station	
CAT034	Next version of Category 002	PSR Radar SSR Radar M-SSR Radar Mode-S Station	2b
CAT048	Next version of Category 001	PSR Radar SSR Radar M-SSR Radar Mode-S Station	4
CAT061	SDPS Session and Service Control Messages	Surveillance Data processing System (SDPS)	11
CAT062	System Track Data (next version of Category 030 & 011, also applicable to non-ARTAS systems)	Surveillance Data processing System (SDPS)	9
CAT063	Sensor Status Messages	Surveillance Data processing System (SDPS)	10



EUROCONTROL

CAT065	SDPS Service Status Messages	Surveillance Data processing System (SDPS)	15
CAT094	System Track Data (next version of Category 062) – under development	Surveillance Data processing System (SDPS)	9

CATS 128 to 240 - Special and Military Applications

CAT	Description of Purpose	Data Source	Remarks
CAT128	Exchange of C3I messages		Used by Austrian Air Force
CAT129	UAS Identification Reports	Unmanned Aircraft Systems (UAS, RPAS, Drones)	
CAT150	Flight Data Messages		Used by MADAP
CAT151	Association Messages		Used by MADAP
CAT152	Time Stamp Messages		Used by MADAP
CAT153	Special Purpose Messages		Used by MADAP
CAT204	Recognised Air Picture		Used by German Air Force
CAT221	Replaced by CAT024	ADS-C Ground Station	WITHDRAWN
CAT239	Foreign Object Debris (FOD)	Runway Debris Detection System (RDDS)	Reserved
CAT240	Radar Video Transmission	Rotating Radar	

CATs 154 to 203 - NATO ACCS Application

CAT	Description of Purpose	Data Source	Remarks
CAT155	Sensor Monitoring	Military Sensors	Used by NATO ACCS
CAT156	Radar Control	C2 System	Used by NATO ACCS
CAT157	Service Data	Military Sensors	Used by NATO ACCS
CAT158	Strobe Reports	Military Sensors	Used by NATO ACCS
CAT159	Target Reports	Military Sensors	Used by NATO ACCS
CAT160	Passive Sensor Data	Military Passive Sensors	Used by NATO ACCS
CAT180	TBM Tracks	Military Sensors	Used by NATO ACCS
CAT201	Joint Environment Picture	C2 System	Used by NATO ACCS
CAT203	Identification Data Combining Process (IDCP) Data	C2 System	Used by NATO ACCS

For details on the ACCS programme, [click here](#)

CATS 241 to 255 - Civil and Military NON-Standard Applications

CAT	Description of Purpose	Data Source	Remarks
CAT241	Technical messages (from user to source, to specify requirements)		Used by RMCDE/RMCDS
CAT242	Reserved during POEMS Development		
CAT243	Reserved during POEMS Development		
CAT244	Transmission of Reference Trajectory State Vectors		Used by SASS-C
CAT245	Reserved during POEMS Development		
CAT246	Reserved during POEMS Development		
CAT247	Version Number Exchange	Any System	Part 20
CAT248	Used by Industries for internal purposes		
CAT249	Used by Industries for internal purposes		
CAT250	Used by Industries for internal purposes		
CAT251	Supplemental Data		Used for Birdtam-Information
CAT252	Session and service control messages		Used by ARTAS
CAT253	Remote Station Monitorig and Control Information (linl to RMM/RCMS)		Used by RMCDE/RMCDS
CAT254	Up-line Memory Dump Information		Reserved for this Purpose
CAT255	Down-line Program Load Information		Reserved for this Purpose