

About the status of the Categories – 21/03/2023

Changes compared to the previous version are marked in **yellow**.

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 through allocation by the ASTERIX Maintenance Group (AMG).

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CATS 000 to 127 - Standard Civil and Military Applications

CAT	Description Latest Available Edition (REF = Reserved Expansion Field)	Data Source / Remarks	Part	Blocking Allowed (Note 1)	AMG Relation (Note 2)
CAT000	Time Synchronisation Messages	The use of this category by MADAP has been terminated and it will no longer be maintained by the AMG!	-	Yes	Managed
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) Edition: 1.4, dated 18 August 2022	Replaced by CAT048	2a	Yes	Managed
CAT002	Monoradar Service Messages (status, North marker, sector crossing messages) Edition: 1.1, dated 01 April 2021	Replaced by CAT034	2b	Yes	Managed
CAT003	Distribution of Synthetic Air Traffic Data	The use of this category by MADAP has been terminated and it will no longer be maintained by the AMG!	-	Yes	Managed
CAT004	Safety Nets Messages Edition: 1.12, dated 28 October 2020 REF: Edition 1.3, dated 24 February 2020	Safety Nets Server	17	Yes	Managed
CAT007	Directed Interrogation Messages Edition 1.11, dated 19 April 2022 REF: Edition 1.7, dated 19 April 2022	Mode-S Station	21	Yes	Managed
CAT008	Monoradar Derived Weather Information Edition 1.3, dated 01 April 2021	Monoradar	3	Yes	Managed
CAT009	Multisensor Derived Weather Information Edition 2.1, dated 22 October 2014	Multi-sensor weather system Used by the DWD - Deutscher Wetterdienst	-	Yes	Managed
CAT010	Monosensor Surface Movement Data Edition 1.1, dated 01 March 2007	Surface Movement Radar	7	Yes	Managed
CAT011	Advanced-SMGCS Data Edition 1.3, dated 11 May 2020	A-SMGCS System	8	Yes	Managed
CAT012	Monoradar Target Reports	Reserved for PAR	22	No	Managed
CAT013	Monoradar Service Messages	Reserved for PAR	23	No	Managed
CAT014	Monoradar Weather Reports	Reserved for PAR	24	No	Managed

CAT	Description Latest Available Edition (REF = Reserved Expansion Field)	Data Source / Remarks	Part	Blocking Allowed (Note 1)	AMG Relation (Note 2)
CAT015	INCS (Independent Non-Cooperative Surveillance) Target Reports Edition 1.1, dated 19 March 2021	INCS Systems	28	No	Managed
CAT016	INCS Configuration Reports Edition 1.0, dated 15 July 2019	INCS Systems	30	No	Managed
CAT017	Mode S Surveillance Co-ordination Function messages Edition 1.3, dated 01 January 2009 REF: Edition 1.0, dated 01 June 2005	Mode-S Station	5	Yes	Managed
CAT018	Mode S Data-Link Function messages Edition 1.7, dated 08 November 2015	Mode-S Station	6	Yes	Managed
CAT019	MLT System Status Messages Edition 1.3, dated 01 December 2010	Multilateration Ground Station	18	Yes	Managed
CAT020	MLT Messages Edition 1.10, dated 19 February 2021 REF: Edition 1.4, dated 11 December 2020	Multilateration Ground Station	14	Yes	Managed
CAT021	ADS-B Messages 2.6, dated 21 December 2021 REF: Edition 1.5, dated 21 December 2021	ADS-B Ground Station	12	Yes	Managed
CAT022	TIS-B Management Messages	Reserved for ADS-B Ground Station	13	Yes	Managed
CAT023	CNS/ATM Ground Station Service Messages Edition 1.3, dated 27 September 2021	ADS-B Ground Station	16	Yes	Managed
CAT024	ADS-C Messages	Reserved for ADS-C Ground Station	25	Yes	Managed
CAT025	CNS/ATM Ground System Status Report Edition 1.5, dated 01 July 2021	ATM Ground Systems	26	No	Managed
CAT030	Exchange of Air Situation Pictures	<i>Obsolete ARTAS category – Removed from ASTERIX Website</i>	-	Yes	Coordinated
CAT031	Sensors Information messages	<i>Obsolete ARTAS category – Removed from ASTERIX Website</i>	-	Yes	Coordinated
CAT032	Miniplan Reports to an SDPS Edition 1.1, dated 11 December 2020 REF: Edition 1.0, 30 August 2021	Flight Data Processing System (FDPS)	29	Yes	Managed
CAT033	ADS-B Messages Edition 1.1, dated 06 April 2021	ADS-B Ground Station - <i>Reserved for FAA</i>	-	Yes	Coordinated



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CAT	Description Latest Available Edition (REF = Reserved Expansion Field)	Data Source / Remarks	Part	Blocking Allowed (Note 1)	AMG Relation (Note 2)
CAT034	Transmission of Monoradar Service Messages Edition 1.29, dated 15 March 2021	PSR Radar SSR Radar M-SSR Radar Mode-S Station	2b	Yes	Managed
CAT048	Monoradar Target Reports Edition 1.31, 03 October 2022 REF: Edition 1.11, 01 December 2022	PSR Radar SSR Radar M-SSR Radar Mode-S Station	4	Yes	Managed
CAT061	SDPS Session and Service Control Messages Edition 1.2, dated 30 April 2007	Surveillance Data processing System (SDPS)	11	Yes	Managed
CAT062	System Track Data Edition 1.20, dated 13 February 2023 REF: Edition 1.3, dated 13 February 2023	Surveillance Data processing System (SDPS)	9	Yes	Managed
CAT063	Sensor Status Messages Edition 1.6, dated 04 August 2020 REF: Edition 1.0, dated 04 August 2020	Surveillance Data processing System (SDPS)	10	Yes	Managed
CAT065	SDPS Service Status Messages Edition 1.6, dated 21 March 2023 REF: Edition 1.2, dated 21 March 2023	Surveillance Data processing System (SDPS)	15	Yes	Managed
CAT094	System Track Data	Surveillance Data processing System (SDPS) <i>Next version of Category 062 – Under development</i>	9	No	Managed

CATS 128 to 240 - Special and Military Applications

CAT	Description of Purpose	Data Source	Remarks	Blocking Allowed (Note 1)	AMG Relation Note 2
CAT128	Exchange of C3I messages Edition 1.0, dated 19 December 2000		Used by Austrian Air Force	Yes	Coordinated
CAT129	UAS Identification Reports Edition 1.2, dated 12 June 2019	Unmanned Aircraft Systems (UAS, RPAS, Drones)		No	Managed
CAT130	Vertical Stack List Reports	Surveillance Tools Server (STS)	Used by NATS	No	Coordinated
CAT150	Flight Data Messages Edition 3.0, dated 20 August 2004		Used by MADAP	Yes	Coordinated
CAT151	Association Messages Edition 3.0, dated 20 August 2004		Used by MADAP	Yes	Coordinated
CAT152	Time Stamp Messages Edition 3.0, dated 20 August 2004		Used by MADAP	Yes	Coordinated
CAT153	Special Purpose Messages Edition 3.0, dated 20 August 2004		Used by MADAP	Yes	Coordinated
CAT204	Recognised Air Picture Edition 1.0, dated 02 April 2012		Used by German Air Force	Yes	Coordinated
CAT205	Radio Direction Finder Reports Edition 1.0, dated 17 March 2020	Radio Direction Finder Systems		No	Managed
CAT238	Service Prediction Reports Edition 1.1, dated 24 October 2016	Any Surveillance System		No	Managed
CAT239	Foreign Object Debris (FOD) Edition 1.0, dated 18 October 2015	Runway Debris Detection System (RDDS)		No	Managed
CAT240	Radar Video Transmission Edition 1.3, dated 13 May 2015	Rotating Radar		Yes	Managed

CATs 154 to 203 - NATO ACCS Application

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

NOTE: These specifications are not available from the EUROCONTROL ASTERIX website; 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	AMG Relation
CAT241	Technical messages (from user to source, to specify requirements) Not available from ASTERIX website		Used by RMCDE/ RMCDS	Managed
CAT242	Reserved during POEMS Development Not available from ASTERIX website			
CAT243	Reserved during POEMS Development Not available from ASTERIX website			
CAT244	Transmission of Reference Trajectory State Vectors Edition 0.5, dated 01 March 2005		Used by SASS-C	Managed
CAT245	Reserved during POEMS Development Not available from ASTERIX website			
CAT246	Reserved during POEMS Development Not available from ASTERIX website			
CAT247	Version Number Exchange Edition 1.3, dated 31 August 2021 REF: Edition 1.0, 30 August 2021	Any System	Part 20	Managed
CAT248	Used by Industries for internal purposes Not available from ASTERIX website			Coordinated
CAT249	Used by Industries for internal purposes Not available from ASTERIX website			Coordinated
CAT250	Used by Industries for internal purposes Not available from ASTERIX website			Coordinated
CAT251	Supplemental Data Not available from ASTERIX website		Used for Birdtam-Information	Managed
CAT252	Session and service control messages		ARTAS category – Removed from ASTERIX Website	
CAT253	Remote Station Monitoring and Control Information (link to RMM/RCMS) Edition 11.0, dated 08 February 2021		Used by RMCDE/ RMCDS	Managed
CAT254	Up-line Memory Dump Information Not available from ASTERIX website		Reserved for this Purpose	Managed
CAT255	Down-line Program Load Information Not available from ASTERIX website		Reserved for this Purpose	Managed

Note 1: If Blocking is allowed, the mechanism as described in chapter 5.2.2 of Part 1 of ASTERIX (integration of multiple ASTERIX records into an ASTERIX block) may be used. If Blocking is not allowed, this mechanism may not be used, meaning that each ASTERIX record is sent individually.

Note 2: If an ASTERIX Category is “Managed” by the AMG it means that the Category (from the allocation of the Category number to the publication and maintenance) needs to be endorsed by the AMG. If an ASTERIX Category is “Coordinated” with the AMG it means that the Category number is allocated by the ASTERIX Manager and AMG is only notified about this allocation. Even for categories that are coordinated by the AMG the designer of the Category will be requested to publish the final specification of the EUROCONTROL ASTERIX website, unless it contains confidential information.