

EGNSS Service Demonstrator Contractual Index Status List

Reference:

EUSPA-ENG-SE-CISL-A31516

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1 Introduction

This document contains the **Contractual Index Status List** for the EGNSS Service Demonstrator (ESD) contract.

2 ESD Contractual Index Status List

The following tables provide Contractual Index Status List for the EGNSS Service Demonstrator (ESD) contract. The tables identify document title, reference, issue and classification level. The documents marked with the label “NDU” will be provided by EUSPA upon NDU signature.

2.1 SoW and Programmatic Documents

Table 1: SoW and Programmatic Documents

ID	Document title	Document reference	Issue	Classification
AD.101	Statement of Work for the EGNSS Service Demonstrator Framework Contract	EUSPA-ENG-SE-SOW-A31543	1.0	UNCLA
AD.102	Statement of Work for the EGNSS Service Demonstrator Specific Contract #1	EUSPA-ENG-SE-SOW-A31544	1.0	UNCLA
AD.103	Statement of Work for the EGNSS Service Demonstrator Envisaged Specific Contract Scenario #2	EUSPA-ENG-SE-SOW-A31551	1.0	UNCLA
AD.104	Statement of Work for the EGNSS Service Demonstrator Envisaged Specific Contract Scenario #3	EUSPA-ENG-SE-SOW-A31552	1.0	UNCLA
AD.105	Statement of Work for the EGNSS Service Demonstrator Envisaged Specific Contract Scenario #4	EUSPA-ENG-SE-SOW-A31553	1.0	UNCLA
AD.106	EGNSS Service Demonstrator – List of Acronyms and Abbreviations	EUSPA-ENG-SE-TN-A31149	1.0	UNCLA

2.2 Technical Documents

Table 2: Technical Documents

ID	Document title	Document reference	Issue	Classification
AD.201	EGNSS Service Demonstrator System Requirements Document	EUSPA-ENG-SE-REQ-A30129	1.0	UNCLA NDU
AD.202	EGNSS Service Demonstrator Interface Requirements Document	EUSPA-ENG-SE-IRD-A31556	1.0	UNCLA NDU
AD.203	Annex 10 - Aeronautical Telecommunications - Volume I - Radio Navigational Aids (8th Edition, July 2023)	SKU: ANN-00010-008-01	8 th Edition ¹	UNCLA
AD.204	Minimum Operational Performance Standard for Galileo / Global Positioning System / Satellite-Based Augmentation System Airborne Equipment, EUROCAE, January 2022	ED-259	A ²	UNCLA
AD.205	DELETED			

¹ Available for purchase at <https://store.icao.int/en/annexes/annex-10>

² Available for purchase at <https://eshop.eurocae.net/eurocae-documents-and-reports/ed-259a/>

ID	Document title	Document reference	Issue	Classification
AD.206	Minimum operational performance standards for global positioning system/wide area augmentation system airborne equipment	RTCA/DO-229	F ³	UNCLA
AD.207	European GNSS (Galileo) Open Service Signal-In-Space Interface Control Document, January 2021	ISBN: 978-92-9206-077-0 doi: 10.2878/39727 https://www.gsc-europa.eu/sites/default/files/sites/all/files/Galileo_OS_SIS_ICD_v2.1.pdf	2.1	UNCLA
AD.208	NAVSTAR GPS Space Segment / Navigation User Segment Interfaces	IS-GPS-200 including IRN-003 https://www.gps.gov/technical/icwg/	N	UNCLA
AD.209	Navstar GPS Space Segment / User Segment L5 Interfaces	IS-GPS-705 including IRN-003 https://www.gps.gov/technical/icwg/	J	UNCLA
AD.210	EGNOS V3 COMMISSION IMPLEMENTING DECISION (EU) 2015/1183 https://op.europa.eu/en/publication-detail/-/publication/e41cec68-2d12-11e5-9f85-01aa75ed71a1	IMMC : 20150710-078:C(2015)4834/816086 OJ : JOL_2015_192_R_0008		UNCLA

³ Available for purchase at <https://products.rtca.org/21diong/>

ID	Document title	Document reference	Issue	Classification
		CELEX : 32015D1183 PLANJO : 20150710-078		
AD.211	GSC Service Centre Hosting Site Interface Control Document	GAL-ICD-SPO-EXP-X-000033	1.2 ⁴	UNCLA NDU
AD.212	Global Navigation Satellite System GLONASS Interface Control Document – General Edition	http://russianspacesystems.ru/wp-content/uploads/2016/08/ICD-GLONASS-CDMA-General.-Edition-1.0-2016.pdf	1.0	UNCLA
AD.213	Global Navigation Satellite System GLONASS Interface Control Document – L1	http://russianspacesystems.ru/wp-content/uploads/2016/08/ICD-GLONASS-CDMA-L1.-Edition-1.0-2016.pdf	1.0	UNCLA
AD.214	Global Navigation Satellite System GLONASS Interface Control Document – L2	http://russianspacesystems.ru/wp-content/uploads/2016/08/ICD-GLONASS-CDMA-L2.-Edition-1.0-2016.pdf	1.0	UNCLA

⁴ This is a tentative version of the document. The final version to be considered for the ESD will be provided at the KOM.

ID	Document title	Document reference	Issue	Classification
AD.215	Global Navigation Satellite System GLONASS Interface Control Document – L3	http://russianspacesystems.ru/wp-content/uploads/2016/08/ICD-GLONASS-CDMA-L3.-Edition-1.0-2016.pdf	1.0	UNCLA
AD.216	BeiDou Navigation Satellite System Signal In Space Interface Control Document – Open Service Signal B1C	Open Service Signal B1C: Version 1.0, December 2017 http://en.beidou.gov.cn/SYSTEMS/ICD/201806/P020180608519640359959.pdf http://en.beidou.gov.cn/SYSTEMS/ICD/201806/P020180608519640359959.pdf	1.0	UNCLA
AD.217	BeiDou Navigation Satellite System Signal In Space Interface Control Document – Open Service Signal B1I	Open Service Signal B1I: Version 3.0, February 2019 P020190227702348791891.pdf (beidou.gov.cn)	3.0	UNCLA
AD.218	BeiDou Navigation Satellite System Signal In Space Interface Control Document – Open Service Signal B2a	Open Service Signal B2a: Version 1.0, December 2017 http://en.beidou.gov.cn/SYSTEMS/ICD/201806/P020180608518432765621.pdf http://en.beidou.gov.cn/SYSTEMS/ICD/201806/P020180608518432765621.pdf	1.0	UNCLA

ID	Document title	Document reference	Issue	Classification
		u.gov.cn/SYSTEMS/ICD/201806/P020180608518432765621.pdf		
AD.219	BeiDou Navigation Satellite System Signal In Space Interface Control Document – Open Service Signal B2b	Open Service Signal B2b: Version 1.0, July 2020 http://en.beidou.gov.cn/SYSTEMS/ICD/202008/P020200803539206360377.pdf http://en.beidou.gov.cn/SYSTEMS/ICD/202008/P020200803539206360377.pdf	1.0	UNCLA
AD.220	EDAS Interface Control Document	GMV-EDASV2-ICD-001	V1.K	UNCLA NDU
AD.221	EGNOS NLES Hosting Site Interface Control Document and	EUT/EGNOS/2018/287	3.2 ⁵	UNCLA NDU
AD.221b	Statement of Compliance to the EGNOS NLES Hosting Site Interface Requirement Document	EUT/EGNOS/2016/219	6.3 ⁵	UNCLA NDU
AD.222	Galileo OSNMA Interface Control Document	ISBN: 978-92-9206-073-2 doi: 10.2878/325903	1.1	UNCLA

⁵ This is a tentative version of the document. The final version to be considered for the ESD will be provided at the KOM.

ID	Document title	Document reference	Issue	Classification
		https://www.gsc-europa.eu/sites/default/files/sites/all/files/Galileo_OSNMA_SIS_ICD_v1.1.pdf		
AD.223	Galileo High Accuracy Service Signal-In-Space Interface Control Document (HAS SIS ICD)	defis.c.2(2022)2776274 https://www.gsc-europa.eu/sites/default/files/sites/all/files/Galileo_HAS_SIS_ICD_v1.0.pdf	1.0	UNCLA
AD.224	Galileo High Accuracy Service Internet Data Distribution Interface Control Document (HAS IDD ICD)	ISBN: 978-92-9206-068-8 doi: 10.2878/607575	1.1 ⁶	UNCLA
AD.225	Galileo 2nd Generation System Test Bed (G2STB) to High Accuracy Data Generator (HADG) IRD	G2G-IRD-ESA-G2STB-X-0001	1.3	UNCLA NDU
AD.226	RTCM Standard - Networked Transport of RTCM via Internet Protocol	RTCM Paper 139-2011-SC104-STD RTCM 10410.1	2.0 ⁷ + amendment 2	UNCLA

⁶ Available upon registration at <https://www.gsc-europa.eu/galileo/services/galileo-high-accuracy-service-has/internet-data-distribution-registration-form>

⁷ Available for purchase at <https://rtcm.myshopify.com/collections/all>

ID	Document title	Document reference	Issue	Classification
AD.227	Differential GNSS Services	RTCM Paper 2019-SC104-1140 RTCM 10403.2	3 ⁸ + amendment 2	UNCLA
AD.228	RTCM Special Committee NO.104, RTCM Paper 107 - 2014 - SC104 - 818, Proposal of new RTCM SSR Messages SSR Stage 1: Galileo, QZSS, SBAS, BDS for RTCM Standard 10403.3	ssr_1_gal_qzss_sbas_bds_v08	2018-06-07 v08	UNCLA NDU
AD.229	RTCM Special Committee NO.104, Proposal of new RTCM SSR Messages SSR Stage 2: Satellite Phase Biases for RTCM Standard 10403.3	ssr_2_phase_bias_v08	2018-05-17 v08	UNCLA NDU
AD.230	RINEX-type Exchange File for GEO SBAS Broadcast Data	https://files.igs.org/pub/data/for_rmat/geo_sbas.txt		UNCLA
AD.231	EGNOS Message Server User Interface Document	E-RD-SYS-E31-011-ESA	2.00	UNCLA NDU
AD.232	RINEX: The Receiver Independent Exchange Format		Version 2.11 ⁸	UNCLA
AD.233	RINEX: The Receiver Independent Exchange Format		Version 3.04 ⁸	UNCLA

⁸ Available at <https://rtcm.myshopify.com/collections/all>

ID	Document title	Document reference	Issue	Classification
AD.234	SISNeT User Interface Document	E-RD-SYS E31-010	3.1	UNCLA NDU
AD.235	Emergency Warning Satellite Service Common Alert Message Format Specification	EWSS-CAMF https://www.gsc-europa.eu/sites/default/files/sites/all/files/EWSS-CAMF_v1.0.pdf	1.0	UNCLA
AD.236	Ground systems and operations	ECSS-E-ST-70C https://ecss.nl/wp-content/uploads/standards/ecss-e/ECSS-E-ST-70C31July2008.pdf	31 July 2008	UNCLA
AD.237	DELETED			
AD.238	EGNOS Safety of Life (SOL) – Service Definition Document	SoL SDD https://egnos.gsc-europa.eu/sites/default/files/documents/egnos_sol_sdd_in_force.pdf	3.6	UNCLA
AD.239	EGNOS OPEN Service (OS) – Service Definition Document	OS SDD https://egnos.gsc-europa.eu/sites/default/files/documents/egnos_os_sdd_in_force.pdf	3.0	UNCLA

ID	Document title	Document reference	Issue	Classification
AD.240	EGNOS Data Access Service (EDAS) – Service Definition Document	EDAS SDD https://egnos.gsc-europa.eu/sites/default/files/documents/egnos_edas_sdd_in_force.pdf	3.0	UNCLA
AD.241	Space product assurance - Nonconformance control system	ECSS-Q-ST-10-09 https://ecss.nl/wp-content/uploads/2018/03/ECSS-Q-ST-10-09C-Rev.1(1March2018).pdf	C Rev. 1	UNCLA
AD.242	Annex-1 to GNSS Service Centre (GSC) Technical Requirements Document: E-GNSS Transversal Infrastructure Requirements	GSA-GAL-GSC-REQ-228425-A01	2.2	UNCLA NDU
AD.243	EDAS Ntrip Service User Information Package		2.4	UNCLA NDU
AD.244	EDAS FTP Service User Information Package		1.3	UNCLA NDU
AD.245	RINEX: The Receiver Independent Exchange Format		Version 3.05 ⁹	UNCLA

⁹ Available at <https://rtcm.myshopify.com/collections/all>

ID	Document title	Document reference	Issue	Classification
AD.246	RINEX: The Receiver Independent Exchange Format		Version 4.01 ¹⁰	UNCLA
AD.247	HE-008 - EGNOS System Test-Bed: DFMC System Demonstrator Platform (DSD-P) and Experimentation Support - External Dissemination Interface Control Document	HE-ICD-TSN-008-0075	1.1	UNCLA NDU
AD.248	EUSPA Document Delivery Rules and Procedures	EUSPA-PCEDQ-CADM-PRC-A10070	1.3	UNCLA
AD.249	Software Considerations in Airborne Systems and Equipment Certification	DO-178	C ¹¹	UNCLA
AD.250	EGNOS V3 Site RF Requirements	ESA-DTEN-NF-TN/03441	1.9	UNCLA NDU
AD.251	EGNOS NLES Hosting Site IRD for GEO-3	E-RD-ITF-E25-0044-ESA	1.6	UNCLA NDU
AD.252	RTCM Recommended standards for Differential NavStar GPS service		v2.1 ¹⁰ 03/01/1994	

¹⁰ Available at <https://rtcm.myshopify.com/collections/all>

¹¹ Available for purchase at <https://products.rtca.org/all-resources>

ID	Document title	Document reference	Issue	Classification
AD.253	RTCM 10402.3 RTCM Recommended standards for Differential GNSS (Global Navigation Satellite Systems) Services	RTCM 10402.3	Version 2.3 ¹² + amendment 1 21/05/2010	UNCLA
AD.254	RTCM Standard 10403.4 RTCM Recommended standards for differential GNSS (Global Navigation Satellite Systems) Services	RTCM 10403.4	Version 3.4 ¹² + amendment 101/11/2024	UNCLA
AD.255	Updated draft SBAS Authentication SARPs	JWGs/14-Flimsy/14		UNCLA NDU
AD.256	SBAS Data AuthenticationScheme on Q-Channel Based on Digital Signatures	ION Paper ¹³		UNCLA

¹² Available at <https://rtcm.myshopify.com/collections/all>

¹³ Available for purchase at <https://www.ion.org/publications/browse.cfm>

2.3 Security-related Documents

Table 3: Security related Documents

ID	Document title	Document reference	Issue	Classification
AD.301	EGNOS Products Security Requirements Document (PSR)	GSA-EGN-SEC-REQ-A04588	3.1 / 3.0	UNCLA / R-UE annex NDU
AD.302	PROGRAMME SECURITY INSTRUCTION CONCERNING European GNSS Programmes	EU GNSS PSI	4.1	UNCLA NDU
AD.303	SPIDER Networks CONOPS	GSA-SEC-CA-UM-A03997	1.1	UNCLA NDU
AD.304	SPIDER Networks w/ Filkrypto Key Management Plan	GSA-SEC-CA-UM-A01392	1.1	UNCLA NDU
AD.305	SPIDER Networks w/ Filkrypto SECOPS	GSA-SEC-CA-UM-A01718	1.3	UNCLA NDU
AD.306	EGNSS Service Demonstrator Preliminary Risk Analysis	EUSPA-EGN-SEC-RA-A20354	1.2	R-UE/EU-R NDU
AD.307	EGNSS Service demonstrator Security Classification Guide - Tailored version	EUSPA-EGN-SEC-SCG-A17697-RUE	1.1	R-UE/EU-R NDU

ID	Document title	Document reference	Issue	Classification
AD.308	Galileo Local Security Accreditation Plan	EUSPA-SEC-SACP-PL-A17146	2.1	UNCLA NDU
AD.309	Galileo Sites LSAP RUE Annex A01 (LSAP A01)	EUSPA-SEC-SACP-PL-A17146-RUE	2.1	R-UE/EU-R NDU
AD.310	Guidelines for Deliveries of EUCI Level R-UE-EU-R	EUSPA-SEC-CSO-PRC-A21678	1.0	UNCLA NDU
AD.311	Guidelines for Deliveries of EUCI Level C-UE-EU-C and above	EUSPA-SEC-CSO-PRC-A15666	1.0	UNCLA NDU
AD.312	SSP Vol1b template - Template and general instructions in drafting of SSP Vol1b; instructions are delivered inside the template	EUSPA-ENG-RAC-TMP-A30138_1.0_SSPv1b	1.0	UNCLA
AD.313	SSP Vol1c template – Template and general instructions in drafting of SSP Vol1c; instructions are delivered inside the template	EUSPA-ENG-RAC-TMP-A30153_0.1_SSPv1c	1.0	UNCLA
AD.314	SSP Vol1d template - This document's purpose is to provide the outlines as well as guidance in drafting of a System Security Plan's (SSP) volume 1d, corresponding to the inputs to the As-designed System Risk Assessment (SRA).	EUSPA-ENG-RAC-TMP-A30215	1.0	UNCLA
AD.315	Element Security Profiles Template - Define the criticality of components from a cyber-security point of view, by estimating the impact level (high/medium/low) on confidentiality, integrity and availability of the system	EUSPA-ENG-SE-TMP-A28342	1.1	UNCLA
AD.316	Network Map Template - and Annex A	GAL-TMP-GSA-GSMC-238093	1.2	UNCLA

ID	Document title	Document reference	Issue	Classification
AD.317	Cyber Security Report Template	GAL-TMP-GSA-GSMC-238092	1.1	UNCLA
AD.318	IA Security Policy on Interconnection	IASP 3 6488/15		UNCLA
AD.319	EGNOS Local Security Accreditation Plan	GSA-EGN-SEC-PL-A00234	1.0	UNCLA NDU
AD.320	E-GNSS System EGNOS Interconnection Security Requirements Statement (SISRS)	EUSPA-SEC-SREQ-TN-A20132	1.0	UNCLA NDU

End of Document