Developer	Designation / Title of Standard, Specification, Other Publication, or Program	Publication Date	Publication Status	Category Topic	No Fee or Fee	
AAS SATCON1 Scientific Organizing				Risk Management		
Committee Aerospace Corporation	Impact of Satellite Constellations on Optical Astronomy and Recommendations Towards Mitigations Launch U Standard SSC18-IX-07	2020 2018	Published Published	Launch	No fee No fee	
AlA	NAS412, Foreign Object Damage (FOD) Prevention Guidance Document Rev 2	2023	Published	Risk Management	Fee	
AIA	NAS9933 Critical Security Controls for Effective Capability in Cyber Defense	2018	Published	Risk Management	Fee	
AIAA	AIAA Special Report: MEO/LEO Constellations: U.S. Laws, Policies, and Regulations on Orbital Debris Mitigation (SP-016-2-1999e)	1999	Published	Debris Mitigation	Fee	
AIAA	AIAA SP 069, SPECIAL REPORT - CONTEMPORARY MODELS OF THE ORBITAL ENVIRONMENT	1994	Published	Debris Mitigation	Fee	
AIAA	AIAA Special Report: Orbital Debris Mitigation: Technical, Legal, and Economic Aspects (AIAA SP-016-1992)	1992	Out of Print	Debris Mitigation	Out of Print	
ASE	Association of Space Explorers - various position papers on rules of conduct for STM and orbital debris	2021 2023	Published Published	Debris Mitigation	No fee Fee	
ASTM F47.01, Occupant Safety ASTM F47.01, Occupant Safety	F3568-23 Standard Guide for Medical Qualifications for Suborbital Vehicle Passengers F3658-23 Standard Guide for Crewed Suborbital Space Vehicle Design	2023	Published	Risk Management Risk Management	Fee	
ASTM F47.01, Occupant Safety	F3668/F3668M-23 Standard Guide for Occupant Survivability in Orbital Vehicles	2023	Published	Human Space Safety	Fee	
ASTM F47.01, Occupant Safety	F3479-20 Standard Specification for Failure Tolerance for Occupant Safety of Suborbital Vehicles	2020	Published	Risk Management	Fee	
ASTM F47.03, Unoccupied Launch						
and Reentry Vehicles	WK61254 Spacecraft vehicle types	not available	(New) In Development	Risk Management	n/a	
ASTM F47.03, Unoccupied Launch and Reentry Vehicles	ASTM F3388-23 Standard Classification for Space Launch and Reentry Vehicles	2023	Published	Risk Management	Fee	
ASTM F47.03, Unoccupied Launch		2023				
and Reentry Vehicles	ASTM F3520-21 Standard Guide for Training and Qualification of Safety-Critical Space Operations Personnel	2021	Published	Human Space Safety	Fee	
ASTM F47.04, Spaceports	F3610-23 Standard Classification for Descriptions of Spaceport Capabilities	2023	Published	Launch	Fee	
ASTM F47.04, Spaceports	ASTM F3344-19, Standard Guide for Storage, Use, and Handling of Liquid Rocket Propellants	2019	Published	Launch	n/2	
ASTM F47.05, Cross-Cutting ASTM F47.05, Cross-Cutting	WK74019 Qualification for Safety-Critical Systems in Space Flight WK84313 Human Factors in Commercial Spaceflight	not available not available	(New) In Development (New) In Development	Safety Human Space Safety	n/a n/a	
ASTM F47.05, Closs-Culling	WK85993 Standard Test Method for Measuring the Insulation and Contact Temperatures Change of an Instrumented Hand in Glove Assemblies			Human Space Salety	11/a	
ASTM F47.05, Cross-Cutting	worn on Extravehicular Activities	not available	(New) In Development	Human Space Safety	n/a	
ASTM F47.05, Cross-Cutting	WK85994 Evaluating Impact Abrasion Resistance of Textile Fabrics Used in Spacesuits and Spacesuit Gloves (Rotary Tumbler Method)	not available	(New) In Development	Human Space Safety	n/a	
	WK85995 Measuring Cut Resistance of Materials Used in Spacesuits and Spacesuit Gloves Under Cryogenic Conditions with Tomodynamometer					
ASTM F47.05, Cross-Cutting	Test Equipment	not available	(New) In Development	Human Space Safety	n/a	
ASTM F47.05, Cross-Cutting ASTM F47.05, Cross-Cutting	WK86387 Safe Operating Practices In-Space for Space Fission Reactors Used for Nuclear Power and Propulsion WK87972 Industry Requirements for Voluntary Spaceflight Safety Information Sharing Processes (VSS-ISP)	not available not available	(New) In Development (New) In Development	Safety Safety	n/a n/a	
ASTM F47.05, Cross-Cutting	F3550-22 Standard Guide for Classifying Safety-Related Events	2022	Published	Safety	Fee	
ASTM F47.05, Cross-Cutting	F3514-21 Standard Guidance for Space Data Exchange to Support Integration of Space Operations into Air Traffic Management	2021	Published	Space Data Exchange	Fee	
ASTM F47.91, Terminology	F3377-23 Standard Terminology Relating to Commercial Spaceflight	2023	Published	Risk Management	Fee	
BSI	BS EN 16603-10-04:2021 Space Engineering - Space Environment	2022	Published	Debris Mitigation	Fee	
BSI	BS ISO 24113:2011 Space Systems. Space Debris Mitigation Requirements (British Standard)	2011	Published	Debris Mitigation	Fee	
Cal Poly	CubeSat Design Specification	2009	Published	Space Data Exchange	No fee	
CCSDS CCSDS	CCSDS 504.0-B-2 Attitude Data Messages CCSDS 124.0-B-1 Robust Compression of Fixed-Length Housekeeping Data	2024 2023	Published Published	Space Data Exchange Space Data Exchange	No fee No fee	
CCSDS	CCSDS 124.0-B-1 Robust Compression of Fixed-Length Housekeeping Data	2023	Published	Space Data Exchange	No fee	
CCSDS	CCSDS 131.2-B-2 Flexible Advanced Coding and Modulation Scheme for High Rate Telemetry Applications	2023	Published	Space Data Exchange	No fee	
CCSDS	CCSDS 502.0-B-3 Orbit Data Messages	2023	Published	Space Data Exchange	No fee	
CCSDS	CCSDS 505.0-B-3 XML Specification for Navigation Data Messages	2023	Published	Space Data Exchange	No fee	
CCSDS	CCSDS 911.1-B-5 Space Link Extension-Return All Frames Service Specification	2023	Published	Space Data Exchange	No fee	
CCSDS	CCSDS 911.2-B-4 Space Link Extension-Return Channel Frames Service Specification	2023 2023	Published	Space Data Exchange Space Data Exchange	No fee No fee	
CCSDS CCSDS	CCSDS 911.5-B-4 Space Link Extension-Return Operational Control Fields Service Specification CCSDS 912.1-B-5 Space Link Extension-Forward CLTU Service Specification	2023	Published Published	Space Data Exchange	No fee	
CCSDS	CCSDS 922.2-B-2 Cross Support Transfer Service-Tracking Data Service	2023	Published	Space Data Exchange	No fee	
CCSDS	CCSDS 131.3-B-2 CCSDS Space Link Protocols over ETSI DVB-S2 Standard	2022	Published	Space Data Exchange	No fee	
CCSDS	CCSDS 355.0-B-2 Space Data Link Security Protocol	2022	Published	Cybersecurity	No fee	
CCSDS	CCSDS 414.1-B-3 Pseudo-Noise (PN) Ranging Systems	2022	Published	Space Data Exchange	No fee	
CCSDS	CCSDS 883.0-B-1 Spacecraft Onboard Interface Services-High Data Rate Wireless Proximity Network Communications	2022	Published	Space Data Exchange	No fee	
CCSDS CCSDS	CCSDS 902.2-B-1 Cross Support Service—Management Communications Planning Information Format CCSDS 922.1-B-2 Cross Support Transfer Services—Monitored Data Service	2022 2022	Published Published	Space Data Exchange Space Data Exchange	No fee No fee	
CCSDS	Has an agreement with ISO/TC 20/SC 13 (see below) to submit its standards for approval there	2022	Agreement	Space Data Exchange	n/a	
CCSDS	CCSDS 132.0-B-3 TM Space Data Link Protocol	2021	Published	Space Data Exchange	No fee	
CCSDS	CCSDS 231.0-B-4 TC Synchronization and Channel Coding	2021	Published	Space Data Exchange	No fee	
CCSDS	CCSDS 232.0-B-4 Cor. 1 Technical Corrigendum to CCSDS 232.0-B-4, Issued October 2021	2021	Published	Space Data Exchange	No fee	
CCSDS	CCSDS 232.0-B-4 TC Space Data Link Protocol	2021	Published	Space Data Exchange	No fee	
CCSDS	CCSDS 401.0-B-32 Radio Frequency and Modulation Systems—Part 1: Earth Stations and Spacecraft	2021	Published	Space Data Exchange	No fee	
CCSDS CCSDS	CCSDS 431.1-B-1 Cor. 1 Technical Corrigendum 1 to CCSDS 431.1-B-1, Issued February 2021	2021 2021	Published Published	Space Data Exchange Space Data Exchange	No fee No fee	
CCSDS	CCSDS 431.1-B-1 Variable Coded Modulation Protocol CCSDS 732.0-B-4 AOS Space Data Link Protocol	2021	Published	Space Data Exchange	No fee	
CCSDS	CCSDS 732.1-B-2 Unified Space Data Link Protocol	2021	Published	Space Data Exchange	No fee	
CCSDS	CCSDS 766.1-B-3 Digital Motion Imagery	2021	Published	Space Data Exchange	No fee	
CCSDS	CCSDS 921.1-B-2 Cross Support Transfer Service—Specification Framework	2021	Published	Space Data Exchange	No fee	
CCSDS	CCSDS 922.3-B-1 Cross Support Transfer Service—Forward Frame Service	2021	Published	Space Data Exchange	No fee	
CCSDS	CCSDS 927.1-B-1 Terrestrial Generic File Transfer	2021	Published Published	Space Data Exchange	No fee	
CCSDS	CCSDS 133.0-B-2 Space Packet Protocol	2020		Space Data Exchange	No fee	

eveloper	Designation / Title of Standard, Specification, Other Publication, or Program	Publication Date	Publication Status	Category Topic	No Fee or Fee
SDS	CCSDS 133.1-B-3 Encapsulation Packet Protocol	2020	Published	Space Data Exchange	No fee
DS	CCSDS 211.0-B-6 Proximity-1 Space Link Protocol-Data Link Layer	2020	Published	Space Data Exchange	No fee
DS	CCSDS 355.1-B-1 Space Data Link Security ProtocolExtended Procedures	2020	Published	Cybersecurity	No fee
SDS	CCSDS 503.0-B-2 Cor. 1 Technical Corrigendum 1 to CCSDS 503.0-B-2, Issued June 2020	2020	Published	Space Data Exchange	No fee
SDS	CCSDS 503.0-B-2 Tracking Data Message	2020	Published	Space Data Exchange	No fee
SDS SDS	<u>CCSDS 522.0-B-1 Mission OperationsCommon Services</u> CCSDS 660.0-B-2 XML Telemetric and Command ExchangeVersion 1.2	2020	Published Published	Space Data Exchange Space Data Exchange	No fee No fee
SDS SDS	CCSDS 660.0-B-2 XML Telemetric and Command Exchangeversion 1.2 CCSDS 727.0-B-5 CCSDS File Delivery Protocol (CFDP)	2020	Published	Space Data Exchange	No fee
SDS	CCSDS 141.0-B-1 Optical Communications Physical Layer	2019	Published	Space Data Exchange	No fee
SDS SDS	CCSDS 142.0-B-1 Optical Communications Coding and Synchronization	2019	Published	Space Data Exchange	No fee
SDS	CCSDS 211.2-B-3 Proximity-1 Space Link ProtocolCoding and Synchronization Sublayer	2019	Published	Space Data Exchange	No fee
SDS	CCSDS 352.0-B-2 CCSDS Cryptographic Algorithms	2019	Published	Space Data Exchange	No fee
SDS	CCSDS 357.0-B-1 CCSDS Authentication Credentials	2019	Published	Cybersecurity	No fee
SDS	CCSDS 508.1-B-1 Cor. 1 Technical Corrigendum 1 to CCSDS 508.1-B-1, Issued November 2019	2019	Published	Space Data Exchange	No fee
SDS	CCSDS 508.1-B-1 Re-entry Data Message	2019	Published	Space Data Exchange	No fee
SDS	CCSDS 524.4-B-1 Mission OperationsMessage Abstraction Layer Binding to ZMTP Transport	2019	Published	Space Data Exchange	No fee
SDS	CCSDS 734.3-B-1 Schedule-Aware Bundle Routing	2019	Published	Space Data Exchange	No fee
SDS	CCSDS 876.0-B-1 Spacecraft Onboard Interface ServicesXML Specification for Electronic Data Sheets	2019	Published	Space Data Exchange	No fee
SDS	CCSDS 356.0-B-1 Network Layer Security Adaptation Profile	2018	Published	Cybersecurity	No fee
SDS SDS	CCSDS 509.0-B-1 Cor. 1 Technical Corrigendum 1 to CCSDS 509.0-B-1, Issued February 2018 CCSDS 509.0-B-1 Cor. 2 Technical Corrigendum 2 to CCSDS 509.0-B-1, Issued February 2018	2018 2018	Published Published	Space Data Exchange Space Data Exchange	No fee No fee
SDS	CCSDS 509.0-B-1 Cor. 2 Technical Corrigendum 2 to CCSDS 509.0-B-1, issued February 2018 CCSDS 509.0-B-1 Pointing Request Message	2018	Published	Space Data Exchange	No fee
SDS	CCSDS 509.0-B-1 Pointing Request Message CCSDS 524.3-B-1 Mission OperationsMessage Abstraction Layer Binding to HTTP Transport and XML Encoding	2018	Published	Space Data Exchange	No fee
SDS SDS	CCSDS 902.1-B-1 Cor. 1 Technical Corrigendum 1 to CCSDS 902.1-B-1, Issued May 2018	2018	Published	Space Data Exchange	No fee
SDS	CCSDS 902.1-B-1 Cross Support Service ManagementSimple Schedule	2018	Published	Space Data Exchange	No fee
SDS	CCSDS 522.1-B-1 Mission Operations Monitor & Control Services	2017	Published	Space Data Exchange	No fee
SDS	CCSDS 524.2-B-1 Mission OperationsMessage Abstraction Layer Binding to TCP/IP Transport and Split Binary Encoding	2017	Published	Space Data Exchange	No fee
SDS	CCSDS 766.2-B-1 Voice and Audio Communications	2017	Published	Space Data Exchange	No fee
SDS	CCSDS 881.1-B-1 Spacecraft Onboard Interface ServicesRFID	2017	Published	Space Data Exchange	No fee
SDS	CCSDS 524.1-B-1 Mission OperationsMAL Space Packet Transport Binding and Binary Encoding	2015	Published	Space Data Exchange	No fee
SDS	CCSDS 734.1-B-1 Licklider Transmission Protocol (LTP) for CCSDS	2015	Published	Space Data Exchange	No fee
SDS	CCSDS 734.2-B-1 CCSDS Bundle Protocol Specification	2015	Published	Space Data Exchange	No fee
SDS SDS	CCSDS 913.1-B-2 Space Link ExtensionInternet Protocol for Transfer Services	2015 2014	Published Published	Space Data Exchange	No fee No fee
SDS SDS	<u>CCSDS 521.1-B-1 Mission Operations Common Object Model</u> CCSDS 651.1-B-1 Producer-Archive Interface Specification (PAIS)	2014	Published	Space Data Exchange Space Data Exchange	No fee
SDS	CCSDS 211.1-B-4 Proximity-1 Space Link ProtocolPhysical Layer	2013	Published	Space Data Exchange	No fee
SDS	CCSDS 506.1-B-1 Delta-DOR Raw Data Exchange Format	2013	Published	Space Data Exchange	No fee
SDS	CCSDS 508.0-B-1 Conjunction Data Message	2013	Published	Space Data Exchange	No fee
SDS	CCSDS 508.0-B-1 Cor. 1 Corrigendum 1 to CCSDS 508.0-B-1, Issued June 2013	2013	Published	Space Data Exchange	No fee
SDS	CCSDS 508.0-B-1 Cor. 2 Technical Corrigendum 2 to CCSDS 508.0-B-1, Issued June 2013	2013	Published	Space Data Exchange	No fee
SDS	CCSDS 521.0-B-2 Mission Operations Message Abstraction Layer	2013	Published	Space Data Exchange	No fee
SDS	CCSDS 702.1-B-1 Cor. 1 Technical Corrigendum 1 to CCSDS 702.1-B-1, issued September 2012	2012	Published	Space Data Exchange	No fee
SDS	CCSDS 702.1-B-1 Cor. 2 Technical Corrigendum 2 to CCSDS 702.1-B-1, issued September 2012	2012	Published	Space Data Exchange	No fee
SDS	CCSDS 702.1-B-1 IP over CCSDS Space Links	2012	Published	Space Data Exchange	No fee
SDS	CCSDS 415.1-B-1 Data Transmission and PN Ranging for 2 GHz CDMA Link via Data Relay Satellite	2011	Published	Space Data Exchange	No fee
SDS	CCSDS 735.1-B-1 Asynchronous Message Service	2011	Published	Space Data Exchange	No fee
SDS SDS	CCSDS 232.1-B-2 Communications Operation Procedure-1	2010	Published	Space Data Exchange	No fee No fee
SDS SDS	CCSDS 232.1-B-2 Cor. 1 Technical Corrigendum 1 to CCSDS 232.1-B-2, Issued September 2010 CCSDS 301.0-B-4 Time Code Formats	2010	Published Published	Space Data Exchange Space Data Exchange	No fee
SDS SDS	CCSDS 644.0-B-3 The Data Description Language EAST Specification (CCSD0010)	2010	Published	Space Data Exchange	No fee
SDS	CCSDS 661.0-B-1 XML Formatted Data Unit (XFDU) Structure and Construction Rules	2008	Published	Space Data Exchange	No fee
SDS	CCSDS 714.0-B-2 Space Communications Protocol Specification (SCPS)—Transport Protocol	2006	Published	Space Data Exchange	No fee
SDS	CCSDS 647.3-B-1 Data Entity Dictionary Specification Language (DEDSL)—XML/DTD Syntax (CCSD0013)	2002	Published	Space Data Exchange	No fee
SDS	CCSDS 647.1-B-1 Data Entity Dictionary Specification Language (DEDSL)—Abstract Syntax (CCSD0011)	2001	Published	Space Data Exchange	No fee
SDS	CCSDS 647.2-B-1 Data Entity Dictionary Specification Language (DEDSL)—PVL Syntax (CCSD0012)	2001	Published	Space Data Exchange	No fee
SDS	CCSDS 641.0-B-2 Parameter Value Language Specification (CCSD0006 and CCSD0008)	2000	Published	Space Data Exchange	No fee
SDS	CCSDS 622.0-B-1 Standard Formatted Data Units — Referencing Environment	1997	Published	Space Data Exchange	No fee
SDS	CCSDS 632.0-B-1 Standard Formatted Data Units — Control Authority Data Structures	1994	Published	Space Data Exchange	No fee
DS	CCSDS 630.0-B-1 Standard Formatted Data Units — Control Authority Procedures	1993	Published	Space Data Exchange	No fee
	CCSDS 620.0-B-2 Standard Formatted Data Units — Structure and Construction Rules	1992 1992	Published Published	Space Data Exchange Space Data Exchange	No fee No fee
SDS SS	CCSDS 643.0-B-1 ASCII Encoded English (CCSD0002) CNSSI 1253F Attachment 2 Space Platform Overlay updated	2018	Published	Risk Management	No fee
S S	CNSSI 1253F Attachment 2 Space Platform Overlay updated CNSSI 1200 National Information Assurance Instruction for Space Systems Used to Support National Security Missions	2018	Published	Risk Management	No fee
SS	CNSSI 1253F Attachment 2 Space Platform Overlay	2014	Published	Risk Management	No fee
NFERS	CONFERS Recommended Design and Operational Practices	2019	Published	Risk Management	No fee
NFERS	Guiding Principles for Commercial Rendezvous and Proximity Operations (RPO) and On Orbit Servicing (OOS)	2019	Published	Space Sustainability	No fee
	DIN EN 16604-20 Space sustainability - Planetary protection	2020	Published	End of Mission	Fee
	DOD 3100.12, Space Support	2000	Published	Debris Mitigation	No fee

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Developer	Designation / Title of Standard, Specification, Other Publication, or Program	Publication Date	Publication Status	Category Topic	No Fee or Fee
IAASS SSI	IAASS-SSI-1700, Space Safety Standard: Commercial Human-Rated Systems Certification	2018	Published	Human Space Safety	Fee
ISO/TC 20/SC 13, Space data and	ISO/DIS 14721 Space Data System Practices — Reference model for an open archival information system (OAIS)	2024	In Dovelonment	Space Data Evolution	Fee
information transfer systems ISO/TC 20/SC 13, Space data and		2024	In Development	Space Data Exchange	Fee
information transfer systems	ISO/DIS 16363 Space data and information transfer systems — Audit and certification of trustworthy digital repositories	2024	In Development	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and	ISO/DIS 16919 Space data and information transfer systems — Requirements for bodies providing audit and certification of candidate trustworthy	2024	In Development	Onese Dete Evelopme	F ac
information transfer systems ISO/TC 20/SC 13, Space data and	digital repositories	2024	In Development	Space Data Exchange	Fee
information transfer systems	ISO/DIS 23507 Space data and information transfer systems — Information preparation to enable long term use	2024	In Development	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and	ISO 13541:2021 Space data and information transfer systems — Attitude data messages	2021	Dublished	Space Data Evaluation	Lee lee
information transfer systems ISO/TC 20/SC 13, Space data and	ISO 18441:2021 Space data and information transfer systems — Space link extension — Application program interface for transfer services — Core	2021	Published	Space Data Exchange	Fee
information transfer systems		2021	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and	ISO 21077:2021 Space data and information transfer systems — Digital motion imagery	2021	Dublished	Space Data Evaluation	F ac
information transfer systems ISO/TC 20/SC 13, Space data and		2021	Published	Space Data Exchange	Fee
information transfer systems	ISO 22669:2021 Space data and information transfer systems — Space link extension (SLE) — Return-all-frames service specification	2021	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and	ISO 22670:2021 Space data and information transfer systems — Space link extension (SLE) — Return-channel-frames service specification	2021	Dublished	Space Data Evaluation	F ac
information transfer systems ISO/TC 20/SC 13, Space data and	ISO 22671:2021 Space data and information transfer systems — Space link extension (SLE) — Forward communications link transmission unit	2021	Published	Space Data Exchange	Fee
information transfer systems		2021	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and	ISO 22672:2021 Space data and information transfer systems — Space link extension (SLE) — Forward space packet service specification	2021	Dublished	Space Data Evaluation	Lee lee
information transfer systems ISO/TC 20/SC 13, Space data and	ISO 26143:2021 Space data and information transfer systems — Space link extension (SLE) — Return operational control fields service	2021	Published	Space Data Exchange	Fee
information transfer systems	specification	2021	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and	ISO 23103:2020 Space link extension — Cross support transfer service — Specification framework	0000	Dubliched	On a set Data Evaluation	F
information transfer systems ISO/TC 20/SC 13, Space data and		2020	Published	Space Data Exchange	Fee
information transfer systems	ISO 23104:2020 Space link extension — Cross support transfer service — Monitored data service	2020	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and	ISO 10537:2016 Space data and information transfer systems — Encapsulation service	0040			_
information transfer systems ISO/TC 20/SC 13, Space data and		2016	Published	Space Data Exchange	Fee
information transfer systems	ISO 18440:2016 Space data and information transfer systems — Space link extension — Internet protocol for transfer services	2016	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and	ISO 18442:2016 Space data and information transfer systems — Space link extension — Application program interface for return all frames service				_
information transfer systems ISO/TC 20/SC 13, Space data and	ISO 18443:2016 Space data and information transfer systems — Space link extension — Application program interface for return channel frames	2016	Published	Space Data Exchange	Fee
information transfer systems		2016	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and	ISO 18444:2016 Space data and information transfer systems — Space link extension — Application program interface for return operational				
information transfer systems ISO/TC 20/SC 13, Space data and	control fields service ISO 18445:2016 Space data and information transfer systems — Space link extension — Application program interface for the forward CLTU	2016	Published	Space Data Exchange	Fee
information transfer systems		2016	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and	ISO 18446:2016 Space data and information transfer systems — Space link extension — Application program interface for the forward space				
information transfer systems ISO/TC 20/SC 13, Space data and	packet service	2016	Published	Space Data Exchange	Fee
information transfer systems	ISO 21076:2016 Space data and information transfer systems — Space communications cross support — Architecture requirements document	2016	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and	ISO 21080:2016 Space data and information transfer systems — Licklider transmission protocol (LTP) for CCSDS				
information transfer systems ISO/TC 20/SC 13, Space data and		2016	Published	Space Data Exchange	Fee
information transfer systems	ISO 21082:2016 Mission operations — MAL space packet transport binding and binary encoding	2016	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and	ISO 21323:2016 Space data and information transfer systems — CCSDS Bundle protocol specification				
information transfer systems ISO/TC 20/SC 13, Space data and		2016	Published	Space Data Exchange	Fee
information transfer systems	ISO 21324:2016 Space data and information transfer systems — Space data link security protocol	2016	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and	ISO 22645:2016 Space data and information transfer systems — TM (telemetry) space data link protocol				
information transfer systems	130 22043.2010 Space data and mormation transfer systems — The (telemetry) space data link protocol	2016	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 22664:2016 Space data and information transfer systems — TC (telecommand) space data link protocol	2016	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and					
information transfer systems	ISO 22666:2016 Space data and information transfer systems — AOS (advanced orbiting systems) space data link protocol	2016	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 12175:1994/Amd 1:2015 Space data and information transfer systems — Standard formatted data units — Structure and construction rules — Amendment 1	2015	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and					
information transfer systems	ISO 13526:2010/Amd 1:2015 Space data and information transfer systems — Tracking data message — Amendment 1	2015	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 18202:2015 Space data and information transfer systems — Mission operations message abstraction layer	2015	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and					
information transfer systems	ISO 18423:2015 Space data and information transfer systems — Pseudo-Noise (PN) Ranging Systems	2015	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 20104:2015 Space data and information transfer systems — Producer-Archive Interface Specification (PAIS)	2015	Published	Space Data Exchange	Fee
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Developer	Designation / Title of Standard, Specification, Other Publication, or Program	Publication Date	Publication Status	Category Topic	No Fee or Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 20105:2015 Space data and information transfer systems — Operation of CFDP over encapsulation service	2015	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 20106:2015 Space data and information transfer systems — Mission operations common object model	2015	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 20205:2015 Space data and information transfer systems — Spacecraft Onboard Interface Systems — Low Data-Rate Wireless Communications for Spacecraft Monitoring and Control	2015	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 20206:2015 Space data and information transfer systems — IP over CCSDS space links	2015	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 20207:2015 Space data and information transfer systems — CCSDS Space Link Protocols over ETSI DVB-S2 Standard	2015	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 20208:2015 Space data and information transfer systems — Delta-DOR Raw Data Exchange Format	2015	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 20210:2015 Space data and information transfer systems — Mission Operations Message Abstraction Layer - JAVA API	2015	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 20214:2015 Space data and information transfer systems — Security architecture for space data systems	2015	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 20215:2015 Space data and information transfer systems — CCSDS cryptographic algorithms	2015	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 21459:2015 Space data and information transfer systems — Proximity-1 space link protocol — Coding and synchronization sublayer	2015	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 21460:2015 Space data and information transfer systems — Proximity-1 space link protocol — Physical layer	2015	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 22642:2015 Space data and information transfer systems — TC synchronization and channel coding	2015	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 22663:2015 Space data and information transfer systems — Proximity-1 space link protocol — Data link layer	2015	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 16919:2014 Space data and information transfer systems — Requirements for bodies providing audit and certification of candidate trustworthy digital repositories	2014	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 17808:2014 Space data and information transfer systems — Telemetry (TM) channel coding profiles	2014	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 17809:2014 Space data and information transfer systems - Delta-differential one-way ranging (Delta-DOR) operations	2014	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 17810:2014 Space data and information transfer systems — Data transmission and pseudo-random noise (PN) ranging for 2 GHz code division multiple access (CDMA) link via data relay satellite		Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 19389:2014 Space data and information transfer systems — Conjunction data message	2014	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 15887:2013 Space data and information transfer systems — Lossless data compression	2013	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 17807:2013 Space data and information transfer systems - Asynchronous message service	2013	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 17854:2013 Space data and information transfer systems — Flexible advanced coding and modulation scheme for high rate telemetry applications	2013	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 18201:2013 Space data and information transfer systems — Mission operations reference model	2013	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 18381:2013 Space data and information transfer systems — Lossless multispectral and hyperspectral image compression	2013	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 18382:2013 Space data and information transfer systems — Spacecraft onboard interface services — RFID-based inventory management systems	2013	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 18424:2013 Space data and information transfer systems — XML Telemetric and Command Exchange (XTCE)	2013	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 18425:2013 Space data and information transfer systems — Spacecraft Onboard Interface Services — Subnetwork Packet Service	2013	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 18426:2013 Space data and information transfer systems — Spacecraft Onboard Interface Services — Subnetwork Memory Access Service	2013	Published	Space Data Exchange	Fee
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ISO/TC 20/SC 13, Space data and information transfer systems	ISO 18428:2013 Space data and information transfer systems — Spacecraft Onboard Interface Services — Subnetwork Device Discovery Service	2013	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 18438:2013 Space data and information transfer systems — Spacecraft Onboard Interface Services — Subnetwork Test Service	2013	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 22667:2013 Space data and information transfer systems — Communications operation procedure-1	2013	Published	Space Data Exchange	Fee
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 14721:2012 Space data and information transfer systems — Open archival information system (OAIS) — Reference model	2012	Published	Space Data Exchange	Fee
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ISO/TC 20/SC 13, Space data and information transfer systems	ISO 11104:2011 Space data and information transfer systems — Time code formats	2011	Published	Space Data Exchange	Fee
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ISO/TC 20/SC 13, Space data and information transfer systems	ISO 15889:2011 Space data and information transfer systems — The data description language EAST specification	2011	Published	Space Data Exchange	Fee	
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 17107:2011 Space data and information transfer systems — XML specification for navigation data messages	2011	Published	Space Data Exchange	Fee	
ISO/TC 20/SC 13, Space data and	ISO 13526:2010 Space data and information transfer systems — Tracking data message					
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information transfer systems	ISO 13537:2010 Space data and information transfer systems — Reference architecture for space data systems	2010	Published	Space Data Exchange	Fee	
ISO/TC 20/SC 13, Space data and information transfer systems	<u>ISO 15893:2010 Space data and information transfer systems — Space communications protocol specification (SCPS) — Transport protocol</u> (SCPS-TP)	2010	Published	Space Data Exchange	Fee	
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 26868:2009 Space data and information transfer systems — Image data compression	2009	Published	Space Data Exchange	Fee	
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information transfer systems	ISO 20652:2006 Space data and information transfer systems — Producer-archive interface — Methodology abstract standard	2006	Published	Space Data Exchange	Fee	
ISO/TC 20/SC 13, Space data and information transfer systems	ISO 22646:2005 Space data and information transfer systems — Space packet protocol	2005	Published	Space Data Exchange	Fee	
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ISO/TC 20/SC 13, Space data and information transfer systems	ISO 15888:2000 Space data and information transfer systems — Standard formatted data units — Referencing environment	2000	Published	Space Data Exchange	Fee	
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ISO/TC 20/SC14, Space systems and operations	ISO 11227:2012, Space systems — Test procedure to evaluate spacecraft material ejecta upon hypervelocity impact	Sept 2012 (confirmed 2017)	Published	Debris Mitigation	Fee	11227 to replace this
ISO/TC 20/SC14, Space systems and		Sept 2011 (confirmed				
operations ISO/TC 20/SC14, Space systems and	ISO 10789:2011, Space systems — Programme management — Information and documentation management	2018) Sept 2007 (confirmed	Published	Risk Management	Fee	
operations ISO/TC 20/SC14, Space systems and	ISO 22538-1:2007, Space systems — Oxygen safety — Part 1: Design of oxygen systems and components	2016) Sept 2007 (confirmed	Published	Safety	Fee	_
operations	ISO 22538-2:2007, Space systems — Oxygen safety — Part 2: Selection of metallic materials for oxygen systems and components	2016)	Published	Safety	Fee	
ISO/TC 20/SC14, Space systems and operations	ISO 22538-3:2007, Space systems — Oxygen safety — Part 3: Selection of non-metallic materials for oxygen systems and components	Sept 2007 (confirmed 2016)	Published	Safety	Fee	
ISO/TC 20/SC14, Space systems and operations	ISO 22538-4:2007, Space systems — Oxygen safety — Part 4: Hazards analyses for oxygen systems and components	Sept 2007 (confirmed 2016)	Published	Safety	Fee	
ISO/TC 20/SC14, Space systems and						
operations	ISO/AWI TR 23689, Space environment (natural and artificial) — Space weather information for use in space systems operations	Prep. Stage	(New) In Development	Operations	Fee	
ISO/TC 20/SC14, Space systems and		Oct 2011 (confirmed				ISO/DIS 10785 to
operations	ISO 10785:2011, Space systems — Bellows — Design and operation	2016)	Published	Operations	Fee	replace this
ISO/TC 20/SC14, Space systems and operations	ISO 14303:2002, Space systems — Launch-vehicle-to-spacecraft interfaces	Oct 2002 (confirmed 2018)	Published	Launch	Fee	
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ISO/TC 20/SC14, Space systems a operations	and ISO 14952-4:2003, Space systems — Surface cleanliness of fluid systems — Part 4: Rough-cleaning processes	Nov 2003 (confirmed 2019)	Published	Test	Fee	
ISO/TC 20/SC14, Space systems a operations		Nov 2003 (confirmed 2019)	Published	Test	Fee	
ISO/TC 20/SC14, Space systems a	and	Nov 2003 (confirmed				
operations ISO/TC 20/SC14, Space systems a	ISO 14952-6:2003, Space systems — Surface cleanliness of fluid systems — Part 6: Precision-cleaning processes and	2019)	Published	Test	Fee	
operations ISO/TC 20/SC14, Space systems a	NWIP 9490 Space systems - Space Traffic Coordination	new item May 2014 (confirmed	In Revision	Debris Mitigation	n/a	
operations	ISO 10788:2014, Space systems — Lunar simulants	2019)	Published	Test	Fee	_
ISO/TC 20/SC14, Space systems a operations	ISO 21348:2007, Space environment (natural and artificial) — Process for determining solar irradiances	May 2007 (confirmed 2021)	Published	Debris Mitigation	Fee	
ISO/TC 20/SC14, Space systems a operations	and ISO 21351:2005, Space systems — Functional and technical specifications	May 2005 (confirmed 2020)	Published	Operations	Fee	
ISO/TC 20/SC14, Space systems a operations		May 2005 (confirmed 2016)	Published	Test	Fee	
operations	ISU 21347.2003, SPACE STSTEMS - FRACTORE AND DAMAGE CONTROL	2010)	Published	Test	Fee	
ISO/TC 20/SC14, Space systems a	and	Mar 2012 (confirmed				ISO/FDIS 11892 to
operations	ISO 11892:2012, Space systems — Subsystems/units to spacecraft interface control document	2017)	Published	Operations	Fee	replace this
ISO/TC 20/SC14, Space systems a operations	ISO 14711:2003, Space systems — Unmanned mission operations concepts — Guidelines for defining and assessing concept products	Mar 2003 (confirmed 2018)	Published	Launch	Fee	
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ISO/TC 20/SC14, Space systems a	and	June 2005 (confirmed				
operations ISO/TC 20/SC14, Space systems a	ISO 15387:2005, Space systems — Single-junction solar cells — Measurements and calibration procedures and	2021) June 2004 (confirmed	Published	Test	Fee	
operations ISO/TC 20/SC14, Space systems a	ISO 15859-1:2004, Space systems — Fluid characteristics, sampling and test methods — Part 1: Oxygen	2020) June 2004 (confirmed	Published	Test	Fee	
operations	ISO 15859-10:2004, Space systems — Fluid characteristics, sampling and test methods — Part 10: Water	2020)	Published	Test	Fee	
ISO/TC 20/SC14, Space systems a operations	and ISO 15859-11:2004, Space systems — Fluid characteristics, sampling and test methods — Part 11: Ammonia	June 2004 (confirmed 2020)	Published	Test	Fee	
ISO/TC 20/SC14, Space systems a operations		June 2004 (confirmed 2020)	Published	Test	Fee	
ISO/TC 20/SC14, Space systems a	and	June 2004 (confirmed				
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ISO/TC 20/SC14, Space systems a operations	ISO 15859-4:2004, Space systems — Fluid characteristics, sampling and test methods — Part 4: Helium	June 2004 (confirmed 2020)	Published	Test	Fee	
ISO/TC 20/SC14, Space systems a operations	and ISO 15859-5:2004, Space systems — Fluid characteristics, sampling and test methods — Part 5: Nitrogen tetroxide propellants	June 2004 (confirmed 2020)	Published	Test	Fee	
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operations ISO/TC 20/SC14, Space systems a	ISO 15859-8:2004, Space systems — Fluid characteristics, sampling and test methods — Part 8: Kerosine propellant	2020) June 2004 (confirmed	Published	Test	Fee	_
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ISO/TC 20/SC14, Space systems a operations	and ISO 14624-4:2003, Space systems — Safety and compatibility of materials — Part 4: Determination of upward flammability of materials in pressurized gaseous oxygen or oxygen-enriched environments	June 2003 (confirmed 2019)	Published	Safety	Fee	
ISO/TC 20/SC14, Space systems a operations	and ISO 10830:2011, Space systems — Non-destructive testing — Automatic ultrasonic inspection method of graphite ingot for solid rocket motors	July 2011 (confirmed 2022)	Published	Test	Fee	
ISO/TC 20/SC14, Space systems a	and	July 2011 (confirmed				
operations	ISO 17566:2011, Space systems — General test documentation	2021)	Published	Test	Fee	
ISO/TC 20/SC14, Space systems a	and	July 2011 (confirmed				ISO/DIS 10786 to
operations	ISO 10786:2011, Space systems — Structural components and assemblies	2016)	Published	Test	Fee	replace this
ISO/TC 20/SC14, Space systems a operations	ISO 22538-5:2010, Space systems — Oxygen safety — Part 5: Operational and emergency procedures	July 2010 (confirmed 2016)	Published	Safety	Fee	
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operations	ISO 16695:2014, Space environment (natural and artificial) — Geomagnetic reference models	2019)	Published	Risk Management	Fee	
ISO/TC 20/SC14, Space systems and operations	ISO 15862:2009, Space systems — Launch-vehicle-to-spacecraft flight environments telemetry data processing	Feb 2009 (confirmed 2020)	Published	Space Data Exchange	Fee	
ISO/TC 20/SC14, Space systems and operations	ISO 24637:2009, Space systems — Electromagnetic interference (EMI) test reporting requirements	Feb 2009 (confirmed 2019)	Published	Debris Mitigation	Fee	
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operations ISO/TC 20/SC14, Space systems and	debris mitigation	FDIS Dec 2011 (confirmed	(New) In Development	Risk Management	Fee	
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ISO/TC 20/SC14, Space systems and operations	ISO 14622:2000, Space systems — Structural design — Loads and induced environment	Dec 2000 (confirmed 2016)	Published	Test	Fee	14622 to replace this
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ISO/TC 20/SC14, Space systems and		Aug 2010 (confirmed				
operations ISO/TC 20/SC14, Space systems and	ISO 15856:2010, Space systems — Space environment — Simulation guidelines for radiation exposure of non-metallic materials	2021) Aug 2010 (confirmed	Published	Risk Management	Fee	
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operations ISO/TC 20/SC14, Space systems and	ISO 15860:2006, Space systems — Gas contamination — Measurement methods for field tests	2019) April 2006 (confirmed	Published	Test	Fee	
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operations	ISO 17761:2015, Space environment (natural and artificial) — Model of high energy radiation at low altitudes (300 km to 600 km)	2015 (confirmed 2021)	Published	Test	Fee	

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operations	Oblique impacts and Annex C update ISO 14200, Space environment (natural and artificial) — Guide to process-based implementation of meteoroid and debris environment models	2021	Published	Test	Fee	
operations	(orbital altitudes below GEO + 2 000 km)	2021	Published	Debris Mitigation	Fee	
ISO/TC 20/SC14, Space systems and operations	ISO 14200:2021, Space environment (natural and artificial) Process-based implementation of meteoroid and debris environment models (orbital altitudes below GEO + 2 000 km)	2021	Published	Debris Mitigation	Fee	
ISO/TC 20/SC14, Space systems and						
operations ISO/TC 20/SC14, Space systems and	ISO 14620-3, Space systems — Safety requirements — Part 3: Flight safety systems	2021	Published	Launch	Fee	
operations	ISO 14620-3:2005, Space systems — Safety requirements — Part 3: Flight safety systems	2021	Published	Safety	Fee	
ISO/TC 20/SC14, Space systems and operations	ISO 15864:2021, Space systems — General test methods for space craft, subsystems and units	2021	Published	Launch	Fee	
ISO/TC 20/SC14, Space systems and						
operations ISO/TC 20/SC14, Space systems and	ISO 15864:2021, Space systems — General test methods for space craft, subsystems and units	2021	Published	Debris Mitigation	Fee	
operations	ISO 16781:2021, Space systems — Simulation requirements for control system	2021	Published	Test	Fee	
ISO/TC 20/SC14, Space systems and operations	ISO 16781:2021, Space systems — Simulation requirements for control system	2021	Published	Debris Mitigation	Fee	
ISO/TC 20/SC14, Space systems and						
operations ISO/TC 20/SC14, Space systems and	ISO 20893:2021, Space systems Detailed space debris mitigation requirements for launch vehicle orbital stages	2021	Published	Launch	Fee	
operations	ISO 20893:2021, Space systems — Detailed space debris mitigation requirements for launch vehicle orbital stages	2021	Published	Launch	Fee	
ISO/TC 20/SC14, Space systems and operations	ISO 22639:2021, Space systems — Design guidelines for multi-GEO satellites collocation	2021	Published	Debris Mitigation	Fee	
ISO/TC 20/SC14, Space systems and	ISO 23020:2021, Space Systems — Determination of test methods to characterize material or component properties required for break-up models	0004				
operations ISO/TC 20/SC14, Space systems and	used for earth re-entry.	2021	Published	Test	Fee	
operations	ISO 23129:2021, Space systems — Thermal control coatings for spacecraft — Atomic oxygen protective coating on polyimide film	2021	Published	Debris Mitigation	Fee	
ISO/TC 20/SC14, Space systems and operations	ISO 23569:2021, Space systems — Spacecraft system level radiating frequency (RF) performance test in compact range	2021	Published	Test	Fee	
ISO/TC 20/SC14, Space systems and operations	ISO 23670:2021, Space systems — Vibration testing	2021	Published	Debris Mitigation	Fee	
ISO/TC 20/SC14, Space systems and						
operations ISO/TC 20/SC14, Space systems and	ISO 24638:2021, Space systems — Pressure components and pressure system integration	2021	Published	Test	Fee	
operations	ISO 24638:2021, Space systems — Pressure components and pressure system integration	2021	Published	Debris Mitigation	Fee	
ISO/TC 20/SC14, Space systems and operations	ISO TR 16158:2021, Space systems — Avoiding collisions with orbiting objects	2021	Published	Debris Mitigation	Fee	
ISO/TC 20/SC14, Space systems and						
	ISO TR 20590, Space systems - Space debris mitigation design and operation guidelines for launch vehicle orbital stages ISO TS 22295, Space environment (natural and artificial) — Modeling of space environment impact on nanostructured materials — General	2021	Published	Debris Mitigation	Fee	
operations	principles	2021	Published	Risk Management	Fee	
ISO/TC 20/SC14, Space systems and operations	ISO TS 22591.3, Space systems — Space-based service for a positioning system with high accuracy and safety support applications in low visibility due to weather conditions	2021	Published	Risk Management	Fee	
ISO/TC 20/SC14, Space systems and	ISO/TR 16158:2021					
operations ISO/TC 20/SC14, Space systems and	Space systems — Avoiding collisions among orbiting objects	2021	Published	Risk Management	Fee	
operations	ISO/TR 16158:2021, Space systems — Avoiding collisions with orbiting objects	2021	Published	Debris Mitigation	Fee	
ISO/TC 20/SC14, Space systems and operations	<u>ISO/TR 17400:2021</u> Space systems — Space launch complexes, integration sites and other facilities — General testing guidelines	2021	Published	Launch	Fee	
ISO/TC 20/SC14, Space systems and						
operations ISO/TC 20/SC14, Space systems and	ISO/TR 17400:2021, Space systems — Space launch complexes, integration sites and other facilities — General testing guidelines	2021	Published	Launch	Fee	
operations	ISO/TR 20590:2021, Space systems - Debris mitigation design and operation manual for launch vehicle orbital stages	2021	Published	Launch	Fee	
ISO/TC 20/SC14, Space systems and operations	<u>ISO/TR 22639:2021</u> Space systems — Design guidelines for multi-geo spacecraft collocation	2021	Published	Debris Awareness	Fee	
ISO/TC 20/SC14, Space systems and	ISO/TS 22295:2021					
operations	Space environment (natural and artificial) — Modelling of space environment impact on nanostructured materials — General principles	2021	Published	Space Sustainability	Fee	

ISO/TC 20/SC14, Space systems and operations ISO/TC 20/SC14, Space systems and operations ISO/TC 20/SC14, Space systems and operations ISO/TC 20/SC14, Space systems and operations ISO/TC 20/SC14, Space systems and operations ISO/TC 20/SC14, Space systems and operations ISO/TC 20/SC14, Space systems and operations ISO/TC 20/SC14, Space systems and operations ISO/TC 20/SC14, Space systems and operations ISO/TC 20/SC14, Space systems and operations ISO/TC 20/SC14, Space systems and operations ISO/TC 20/SC14, Space systems and operations ISO/TC 20/SC14, Space systems and operations ISO/TC 20/SC14, Space systems and operations ISO/TC 20/SC14, Space systems and operations	SO/TS 22591:2021 Space systems — Space-based services for a high accuracy positioning system with safety requirements SO 16404:2020, Space systems — Programme management — Requirements management SO 21980:2020, Space systems — Evaluation of radiation effects on Commercial-Off-The-Shelf (COTS) parts for use on low-orbit satellite SO 22137:2020, Space systems — Program management — Test reviews	Publication Date 2021 2020 2020 2020 2020 2020 2020	Publication Status Published Published Published Published Published	Category Topic Debris Awareness Risk Management Test Test	No Fee or Fee Fee Fee Fee Fee
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operationsISISO/TC 20/SC14, Space systems and operationsISISO/TC 20/SC14, Space systems and operationsIS	ISO 24917:2020, Space systems — General test requirements for launch vehicles		Published	Launch	Fee
SO/TC 20/SC14, Space systems and operations IS SO/TC 20/SC14, Space systems and operations IS		2020	Published	Launch	Fee
SO/TC 20/SC14, Space systems and operations					
operations IS	SO 26871:2020, Space systems — Explosive systems and devices	2020	Published	Launch	Fee
	SO 26871:2020, Space systems — Explosive systems and devices	2020	Published	Debris Mitigation	Fee
	SO 27875:2019/AMD 1:2020, Space systems — Re-entry risk management for unmanned spacecraft and launch vehicle orbital stages — Amendment 1: Formula to obtain Ec by the product of the probability of impact on a specific latitude band, and the population within the band, which				
operations is		2020	Published	Risk Management	Fee
SO/TC 20/SC14, Space systems and perations	SO TR 18146:2020, Space systems — Space debris mitigation design and operation manual for spacecraft	2020	Published	Debris Mitigation	Fee
SO/TC 20/SC14, Space systems and	100 m 10140.2020, Opace systems — Opace debits mitigation design and operation mandarior spaceoran	2020			
perations IS SO/TC 20/SC14, Space systems and IS	ISO TR 20891:2020, Space systems — Space batteries — Guidelines for in-flight health assessment of lithium-ion batteries	2020	Published	Safety	Fee
	Space systems — Space debris mitigation design and operation manual for spacecraft	2020	Published	Debris Mitigation	Fee
SO/TC 20/SC14, Space systems and	ICO/TD 10116:2020 Space systems - Space debris mitiration design and exerction guidelines for executeft	2020	Dubliched	Debrie Mitigation	Гее
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perations <u>S</u>	<u> Space systems — Space batteries — Guidelines for in-flight health assessment of lithium-ion batteries</u>	2020	Published	Safety	Fee
	SO/TR 23989:2020, Space environment (natural and artificial) — Operational estimation of the solar wind energy input into the Earth's magnetosphere by means of the ground-based magnetic polar cap (PC) index	2020	Published	Risk Management	Fee
SO/TC 20/SC14, Space systems and					
operations IS SO/TC 20/SC14, Space systems and	ISO 10795:2019, Space systems — Programme management and quality — Vocabulary	2019	Published	Risk Management	Fee
operations IS	ISO 11231:2019, Space systems — Probabilistic risk assessment (PRA)	2019	Published	Risk Management	Fee
SO/TC 20/SC14, Space systems and perations	ISO 14620-2:2019, SPACE SYSTEMS - SAFETY REQUIREMENTS - PART 2: LAUNCH SITE OPERATIONS	2019	Published	Launch	Fee
SO/TC 20/SC14, Space systems and					
operations IS SO/TC 20/SC14, Space systems and	SO 14621-1:2019, Space systems — Electrical, electronic and electromechanical (EEE) parts — Part 1: Parts management	2019	Published	Test	Fee
perations IS	SO 14621-2:2019, Space systems — Electrical, electronic and electromechanical (EEE) parts — Part 2: Control programme requirements	2019	Published	Test	Fee
SO/TC 20/SC14, Space systems and perations	SO 16698:2019, Space environment (natural and artificial) — Methods for estimation of future geomagnetic activity	2019	Published	Risk Management	Fee
SO/TC 20/SC14, Space systems and	<u>SO 10090.2019, Space environment (natural and artificial) — Methods for estimation of future geomagnetic activity</u>	2019	Fublished		
	ISO 21494:2019, Space systems — Magnetic testing	2019	Published	Test	Fee
SO/TC 20/SC14, Space systems and operations	SO 21886:2019, Space systems — Configuration management	2019	Published	Risk Management	Fee
SO/TC 20/SC14, Space systems and		2040	Dublished		
perations ISO/TC 20/SC14, Space systems and	SO 27875:2019, Space systems — Re-entry risk management for unmanned spacecraft and launch vehicle orbital stages	2019	Published	End of Mission	Fee
perations IS	ISO 14620-1:2018, Space systems — Safety requirements — Part 1: System safety	2018	Published	Safety	Fee
SO/TC 20/SC14, Space systems and perations	ISO 16091:2018, Space systems — Integrated logistic support	2018	Published	Risk Management	Fee
SO/TC 20/SC14, Space systems and	SO 16157:2018, Space systems — Human-life activity support systems and equipment integration in space flight — Techno-medical requirements				
	for space vehicle human habitation environments SO 16726:2018, Space systems — Human-life activity support systems and equipment integration in space flight — Techno-medical requirements	2018	Published	Debris Mitigation	Fee
perations <u>fo</u>		2018	Published	End of Mission	Fee
O/TC 20/SC14, Space systems and perations	SO 17763:2018, Space systems — Human-life activity support systems and equipment integration in space flight	2018	Published	Risk Management	Fee
O/TC 20/SC14, Space systems and IS	SO 19971:2018, SPACE SYSTEMS - SPACECRAFT AND LAUNCH VEHICLE COMBINED OPERATION PLAN (COP) AT LAUNCH SITE -				
perations <u>G</u> SO/TC 20/SC14, Space systems and	GENERAL FORMAT	2018	Published	Launch	Fee
perations IS	ISO 20188:2018, Space systems — Product assurance requirements for commercial satellites	2018	Published	Launch	Fee
SO/TC 20/SC14, Space systems and	ISO 20780-2018 Space systems — Eiber entic componente — Design and verification requiremente	2019	Dubliched	Tost	Eco
perations IS SO/TC 20/SC14, Space systems and	ISO 20780:2018, Space systems — Fiber optic components — Design and verification requirements	2018	Published	Test	Fee
perations IS	SO 20892:2018, Space systems — Launch complexes modernization process — General requirements	2018	Published	Launch	Fee
SO/TC 20/SC14, Space systems and operations	SO 20930:2018, Space systems — Calibration requirements for satellite-based passive microwave sensors	2018	Published	Test	Fee

Developer	Designation / Title of Standard, Specification, Other Publication, or Program	Publication Date	Publication Status	Category Topic	No Fee or Fee	
ISO/TC 20/SC14, Space systems and		0040			-	
operations ISO/TC 20/SC14, Space systems and	ISO 23038:2018, Space systems — Space solar cells — Electron and proton irradiation test methods	2018	Published	Test	Fee	
operations	ISO 23041:2018, Space systems — Unmanned spacecraft operational procedures — Documentation	2018	Published	Space Traffic Coordination	Fee	
	ISO/TS 21979:2018					
operations	Space environment (natural and artificial) — Procedure for obtaining worst case and confidence level of fluence using the quasi-dynamic model of earth's radiation belts	2018	Published	Space Sustainability	Fee	
ISO/TC 20/SC14, Space systems and						
operations	ISO 18676:2017, Space systems — Guidelines for the management of systems engineering	2017	Published	Operations	Fee	
ISO/TC 20/SC14, Space systems and operations	ISO 19683:2017, Space systems — Design qualification and acceptance tests of small spacecraft and units	2017	Published	Test	Fee	
ISO/TC 20/SC14, Space systems and	ISO 19923:2017, Space environment (natural and artificial) — Plasma environments for generation of worst case electrical potential differences for					
operations ISO/TC 20/SC14, Space systems and	spacecraft	2017	Published	Operations	Fee	
operations	ISO 19924:2017, Space systems — Acoustic testing	2017	Published	Test	Fee	
ISO/TC 20/SC14, Space systems and						
operations	ISO 17540:2016, Space systems — Liquid rocket engines and test stands — Terms and definitions ISO 12208:2015, Space systems — Space environment (natural and artificial) — Observed proton fluences over long duration at GEO and	2016	Published	Operations	Fee	
operations	guidelines for selection of confidence level in statistical model of solar proton fluences	2015	Published	Operations	Fee	
ISO/TC 20/SC14, Space systems and						
operations ISO/TC 20/SC14, Space systems and	ISO 16679:2015, Space systems — Relative motion analysis elements after LV/SC separation	2015	Published	Test	Fee	
operations	ISO 16694:2015, Space systems — The measured parameters at firing bench and flight tests of liquid rocket engines	2015	Published	Test	Fee	
ISO/TC 20/SC14, Space systems and						
operations ISO/TC 20/SC14, Space systems and	ISO 16699:2015, SPACE SYSTEMS - DISPOSAL OF ORBITAL LAUNCH STAGES	2015	Withdrawn	Debris Mitigation	n/a	
operations	<u>Space systems — Best practices for orbit elements at payload — LV separation</u>	2015	Published	Operations	Fee	
ISO/TC 20/SC14, Space systems and						
operations ISO/TC 20/SC14, Space systems and	ISO/TR 19473:2015, Space systems — Best practices for orbit elements at payload — LV separation	2015	Published	Launch	Fee	
operations	Space systems — Orbit determination and estimation — Process for describing techniques	2014	Published	Operations	Fee	
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operations ISO/TC 20/SC14, Space systems and	ISO/TR 11233:2014, Space systems — Orbit determination and estimation — Process for describing techniques	2014	Published	Debris Mitigation	Fee	
operations	Space environment (natural and artificial) — Method of the solar energetic protons fluences and peak fluxes determination	2014	Published	Risk Management	Fee	
ISO/TC 20/SC14, Space systems and		0044			_	
operations ISO/TC 20/SC14, Space systems and	ISO/TR 18147:2014, Space environment (natural and artificial) — Method of the solar energetic protons fluences and peak fluxes determination	2014	Published	Risk Management	Fee	
operations	ISO/TR 11225:2012, Space environment (natural and artificial) — Guide to reference and standard atmosphere models	2012	Published	Risk Management	Fee	
ISS Partner Agencies	International Deep Space Interoperability Standards (8 standards under development)	Active	Published	Operations	No Fee	
NAPA	Space Traffic Management: Assessment of the Feasibility, Expected Effectiveness, and Funding Implications of a Transfer of Space Traffic Management Functions	2020	Published	Space Traffic Coordination	No Fee	
NASA	NASA Center Technical Standards	Various	Published	Various	No Fee	
				Debris Mitigation		
NASA NASA	NASA-PPR 8715.6B, NASA Procedural Requirements for Limiting Orbital Debris and Evaluating the Meteoroid and Orbital Debris Environments NASA-STD-8719.14, Process for Limiting Orbital Debris	2024 2021	Published Published	Debris Mitigation	No Fee No Fee	
NASA	NASA Spacecraft Conjunction Assessment and Collision Avoidance Best Practices Handbook	2020	Published	Space Traffic Coordination	No Fee	
NASA	NASA-HDBK-8719.14: Handbook for Limiting Orbital Debris	2018	Published	Debris Mitigation	No Fee	
NASA Orbital Debris Program Office	Space Debris Mitigation Guidelines, Policies, and Standards	Various	Published	Debris Mitigation	No Fee	
NFPA	NFPA 461 Standard for Fire Protection of Spaceport Facilities	n/a	(New) In Development	Spaceports	n/a	
NIST	NIST TN 2722, Application of the Hybrid Satellite Network Cybersecurity Framework Profile	2024	Published	Cybersecurity	No Fee	
NIST NIST	Cybersecurity for the Space Domain NIST IR 8270 Introduction to Cybersecurity for Commercial Satellite Operations	2023 2023	Published Published	Cybersecurity Cybersecurity	No Fee No Fee	
	NIST IR 8270 Introduction to Cybersecurity for Commercial Satellite Operations NIST IR 8323 Rev. 1 Foundational PNT Profile: Applying the Cybersecurity Framework for the Responsible Use of Positioning, Navigation, and	2023				
NIST	Timing (PNT) Services	2023	Published	Cybersecurity	No Fee	
NIST NIST	NIST IR 8441, Cybersecurity Framework Profile for Hybrid Satellite Networks (HSN)	2023 2022	Published Published	Cybersecurity	No Fee No Fee	L
NIST	NIST IR 8401 Satellite Ground Segment: Applying the Cybersecurity Framework to Satellite Command and Control NIST SP 800-53, Security and Privacy Controls for Federal Information Systems and Organizations (Revision 5)	2022 2020	Published	Cybersecurity Risk Management	No Fee	-
SAE Technical Committee AC-9						1
Aircraft Environmental Systems	AIR1539C - Environmental Control System Contamination	2020	Published	Flightworthiness	Fee	<u> </u>
SAE Technical Committee AC-9 Aircraft Environmental Systems	ARP1270C - Aircraft Cabin Pressurization Criteria	2017	(Revision) In Developme	nt Flightworthiness	Fee	
SAE Technical Committee AE-2						
Lightning	ARP5577 - Aircraft Lightning Direct Effects Certification	2008	Published	Risk Management	Fee	L
SAE Technical Committee A-10 Aircraft Oxygen Equipment	AIR1392A - Oxygen System Maintenance Guide	2023	Published	Human Space Safety	Fee	
SAE Technical Committee A-10						
Aircraft Oxygen Equipment	AIR5742A - Packaging and Transportation of Oxygen Equipment	2023	Published	Human Space Safety	Fee	

Developer	Designation / Title of Standard, Specification, Other Publication, or Program	Publication Date	Publication Status	Category Topic	No Fee or Fee
AE Technical Committee A-10					
ircraft Oxygen Equipment	AIR825/13 - Guide for Evaluating Combustion Hazards in Aircraft Oxygen Systems	2023	Published	Human Space Safety	Fee
SAE Technical Committee A-10	AIR825/2 - Effects of Acute Altitude Exposure in Humans: Requirements for Physiological Protection	2023	Published	Human Space Safety	Fee
AE Technical Committee A-10					
ircraft Oxygen Equipment AE Technical Committee A-10	AIR825/5A - Liquid Oxygen Systems	2023	Published	Human Space Safety	Fee
ircraft Oxygen Equipment	ARP1176B - Oxygen System and Component Cleaning	2023	Published	Human Space Safety	Fee
AE Technical Committee A-10 ircraft Oxygen Equipment	AS1066B - Minimum Standards for Valve, High Pressure Oxygen, Cylinder Shut Off, Manually Operated	2023	Published	Human Space Safety	Faa
AE Technical Committee A-10	AS 1000D - Minimum Standards for Valve, Figh Pressure Oxygen, Cylinder Shut On, Manually Operated	2023			Fee
rcraft Oxygen Equipment	AS1197B - Continuous Flow Oxygen Regulator	2023	Published	Human Space Safety	Fee
AE Technical Committee A-10 rcraft Oxygen Equipment	AS17852A - Reducers, Oxygen Pressure	2023	Published	Human Space Safety	Fee
AE Technical Committee A-10					
rcraft Oxygen Equipment	AS8027 - Crew Member Oxygen Regulators, Demand	2023	Published	Human Space Safety	Fee
rcraft Oxygen Equipment	AS8048 - Performance Standard for Passenger Smoke and Toxic Fumes Respiratory Protective Equipment	2021	Published	Human Space Safety	Fee
E Technical Committee A-10		0040			-
craft Oxygen Equipment	ARP5021B - Oxygen Cylinder Installation Guide	2019	Published	Human Space Safety	Fee
rcraft Oxygen Equipment	AS916C - Oxygen Flow Indication	2019	Published	Human Space Safety	Fee
AE Technical Committee A-10 rcraft Oxygen Equipment	AIR6036 - Passenger Hypoxia Protection Utilizing Oxygen Enriched Gas Mixtures	2018	Published	Human Space Safety	Fee
AE Technical Committee A-10		2010			
rcraft Oxygen Equipment	AIR825/12A - Oxygen System Integration and Performance Precautions	2018	Published	Human Space Safety	Fee
AE Technical Committee A-10 ircraft Oxygen Equipment	AIR825/13 - Guide for Evaluating Combustion Hazards in Aircraft Oxygen Systems	2018	Published	Human Space Safety	Fee
AE Technical Committee A-10					
rcraft Oxygen Equipment AE Technical Committee A-10	AS1214B - Minimum Standards for Valve, High Pressure Oxygen, Line Shut Off, Manually Operated	2018	Published	Human Space Safety	Fee
rcraft Oxygen Equipment	ARP1109B - Dynamic Testing Systems for Oxygen Breathing Equipment	2017	Published	Human Space Safety	Fee
AE Technical Committee A-10	AS2050 Corry On Bortable Ovygen Concentrators	2017	Published	Human Shaaa Safaty	Faa
rcraft Oxygen Equipment AE Technical Committee A-5	AS8059 - Carry-On Portable Oxygen Concentrators	2017	Published	Human Space Safety	Fee
erospace Landing Gear Systems	AIR5451A - A Guide to Landing Gear System Integration	2022	Published	Flightworthiness	Fee
AE Technical Committee A-5 prospace Landing Gear Systems	ARP1821C - Aircraft Ground Flotation Analysis Methods	2022	Published	Flightworthiness	Fee
AE Technical Committee A-5					
erospace Landing Gear Systems AE Technical Committee A-5	ARP1598C - Landing Gear System Development Plan	2021	Published	Flightworthiness	Fee
erospace Landing Gear Systems	AIR6168A - Landing Gear Structural Health Monitoring	2019	Published	Flightworthiness	Fee
AE Technical Committee A-5A		000.4			_
heels, Brakes and Skid Controls E Technical Committee A-5A	ARP1070E - Design and Testing of Antiskid Brake Control Systems for Total Aircraft Compatibility	2024	Published	Risk Management	Fee
heels, Brakes and Skid Controls	AS5714A - Minimum Performance Standard for Parts 23, 27, and 29 Aircraft Wheels, Brakes, and Wheel and Brake Assemblies	2022	Published	Flightworthiness	Fee
AE Technical Committee A-5A /heels, Brakes and Skid Controls	ARP813C - Maintainability Recommendations for Aircraft Wheel and Hydraulically Actuated Brake Design	2019	Published	Risk Management	Fee
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heels, Brakes and Skid Controls	AIR4777C - Nondestructive Inspection (NDI) Methods Used During Production and Operation of Aircraft Wheels and Brakes	2018	Published	Risk Management	Fee
AE Technical Committee A-6C1 ontamination and Filtration	AS598A - Aerospace Microscopic Sizing and Counting of Particulate Contamination for Fluid Power Systems	2024	Published	Risk Management	Fee
E Technical Committee A-6C1					
ntamination and Filtration	ARP1302A - Filter Patch Testing Procedures for Aerospace Hydraulic Non-Rotating Equipment	2019	Published	Risk Management	Fee
ntamination and Filtration	ARP900C - Methods for Evaluating Cryogenic Filters	2019	Published	Risk Management	Fee
E Technical Committee A-6C2 als	AS5798A - Aerospace Size Standard for Oversize O-rings	2019	Published	Risk Management	Fee
E Technical Committee A-6C2		2013			
als Tachnical Committee A 604	AS871B - Manufacturing and Inspection Standards for Preformed Packings (O-Rings)	2019	Published	Risk Management	Fee
E Technical Committee A-6C4 wer Sources	ARP4150A - Procedure for Inspection of In-Service Airborne Accumulators for Corrosion and Damage	2019	Published	Risk Management	Fee
E Technical Committee AE-2					
htning E Technical Committee AE-7	ARP5414B - Aircraft Lightning Zoning	2018	Published	Risk Management	Fee
erospace Electrical Power and					
quipment	AS5698A - Space Power Standard	2018	Published	Flightworthiness	Fee
XE Technical Committee AE-8 A ectrical Electronics Distribution	ero				
stems	AS50881H - Wiring Aerospace Vehicle	2023	Published	Flightworthiness	Fee

Developer SAE Technical Committee AGE-2 Air	Designation / Title of Standard, Specification, Other Publication, or Program	Publication Date	Publication Status	Category Topic	No Fee or Fee	
Cargo	AS7353 - Air Cargo Equipment Tracking Device - Performance and Test Requirements	2018	(New) In Development	Risk Management	n/a	
SAE Technical Committee Aircraft SEAT	ARP5526F - Aircraft Seat Design Guidance and Clarifications	2022	Published	Flightworthiness	Fee	
SAE Technical Committee Aircraft						
SEAT SAE Technical Committee Aircraft	ARP5765B - Analytical Methods for Aircraft Seat Design and Evaluation	2021	Published	Flightworthiness	Fee	
SEAT	ARP6337 - Composite Seats	2020	Published	Flightworthiness	Fee	
SAE Technical Committee Aircraft SEAT	AS5785 - Component Standard for Airbag Systems Installed in Civil Rotorcraft, Transport Aircraft, and General Aviation Aircraft	n/a	(New) In Development	Flightworthiness	n/a	
SAE Technical Committee						
Commercial Space SAE Technical Committee G-12T	AS6372 - Commercial Space Flight Seal Restraints	n/a	(New) In Development	Launch	n/a	
Training and Quality Programs	AS6286B - Aircraft Ground Deicing/Anti-Icing Training and Qualification Program	2023	Published	Risk Management	Fee	
SAE Technical Committee G-14 Americas Aerospace Quality						
Standards (AAQSC)	AS9104/1A - Requirements for Aviation, Space, and Defense Quality Management System Certification Programs	2022	Published	Risk Management	Fee	
SAE Technical Committee G-14 Americas Aerospace Quality						
Standards (AAQSC) SAE Technical Committee G-14	AS9146 - Foreign Object Damage (FOD) Prevention Program - Requirements for Aviation, Space, and Defense Organizations	2022	Published	Risk Management	Fee	
Americas Aerospace Quality						
Standards Committee (AAQSC) SAE Technical Committee G-14	AS9101G - Quality Management Systems - Audit Requirements for Aviation, Space, and Defense Organizations	2022	Published	Risk Management	Fee	
Americas Aerospace Quality						
Standards Committee (AAQSC) SAE Technical Committee G-14	AS9003B - Inspection and Test Quality Systems, Requirements for Aviation, Space, and Defense Organizations	2021	Published	Risk Management	Fee	
Americas Aerospace Quality						
Standards Committee (AAQSC) SAE Technical Committee G-14	AS9100D - Quality Management Systems - Requirements for Aviation, Space, and Defense Organizations	2016	Published	Risk Management	Fee	
Americas Aerospace Quality					_	
Standards Committee (AAQSC) SAE Technical Committee G-19	AS9120B - Quality Management Systems – Requirements for Aviation, Space, and Defense Distributors	2016	Published	Risk Management	Fee	
Counterfeit Electronic Parts	ARP6328A - Guideline for Development of Counterfeit Electronic Parts; Avoidance, Detection, Mitigation, and Disposition Systems	2023	Published	Risk Management	Fee	
SAE Technical Committee G-19 Counterfeit Electronic Parts	AS8061A - Fraudulent/Counterfeit Electronic Parts: Avoidance, Detection, Mitigation, and Disposition - DistributorsCounterfeit Electronic Parts; Avoidance Protocol, Distributors	2023	Published	Risk Management	Fee	
SAE Technical Committee G-19 Counterfeit Electronic Parts	AS5553D - Counterfeit Electrical, Electronic, and Electromechanical (EEE) Parts; Avoidance, Detection, Mitigation, and Disposition	2022	Published	Risk Management	Foo	
SAE Technical Committee G-21	ASSSSSD - Counterreit Electrical, Electronic, and Electromechanical (EEE) Parts, Avoidance, Detection, Mitigation, and Disposition	2022	Fublished		Fee	
Counterfeit Materiel SAE Technical Committee G-23	AS6174A - Counterfeit Materiel; Assuring Acquisition of Authentic and Conforming Materiel	2014	Published	Risk Management	Fee	
Americas Aerospace Quality						
Standards Committee (AAQSC) SAE Technical Committee G-32	AS6500A - Manufacturing Management Program	2021	Published	Risk Management	Fee	
Artificial Intelligence in Aviation	JA7496 202206 Cyber Physical Systems Security Engineering Plan (CPSSEP)	2022	Published	Cybersecurity	Fee	
SAE Technical Committee G-32 Artificial Intelligence in Aviation	JA6678 - Guidelines for Establishing and Maintaining Cyber-Physical-Systems' Cyber-Resilience	n/a	(New) In Development	Cybersecurity	n/a	
SAE Technical Committee G-33						
Configuation Management SAE Technical Committee G-34	EIA649-2A - Configuration Management Requirements for NASA Enterprises	2024	In Revision	Risk Management	Fee	
Artificial Intelligence in Aviation	ARP6983 - Process Standard for Qualification of Aeronautical Systems Implementing AI: Development Standard	n/a	(New) In Development	Flightworthiness	n/a	
SAE Technical Committee Life Cycle Logistics Supportability	GEIASTD0007C - Logistics Product Data	2019	Published	Risk Management	Fee	
SAE Technical Committee S-18 Aircraft and Sys Dev and Safety						
Assessment	AIR6219 - Development of Atmospheric Neutron Single Event Effects Analysis for Use in Safety Assessments	2023	Published	Flightworthiness	Fee	
SAE Technical Committee S-18 Aircraft and Sys Dev and Safety						
Assessment	AS7209 - Development Assurance Objectives for Aerospace Vehicles and Systems	2022	Published	Flightworthiness	Fee	
SAE Technical Committee S-18 Aircraft and Sys Dev and Safety						
Assessment	ARP1834B - Fault/Failure Analysis for Digital Systems and Equipment	2018	Published	Flightworthiness	Fee	
SAE Technical Committee S-18 Aircraft and Sys Dev and Safety						
Assessment	AIR6218 - Constructing Development Assurance Plan for Integrated Systems	n/a	(New) In Development	Flightworthiness	n/a	
SANA SSC	Protocol registries created under CCSDS Best Practices for the Sustainability of Space Operations	2024 2023	Published Published	Operations Debris Mitigation	No Fee No Fee	
UNOOSA	Guidelines for the Long-Term Sustainability of Outer Space Activities of the Committee on the Peaceful Uses of Outer Space (Annex II)	2019	Published	Space Sustainability	No Fee	
UNOOSA USG	Space Debris Mitigation Guidelines of the Committee on the Peaceful Uses of Outer Space U.S. Government (USG) Orbital Debris Mitigation Standard Practices (ODMSP) Update	2010 2019	Published Published	Debris Mitigation Debris Mitigation	No Fee No Fee	
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Acronym List	Definition
AAS	American Astronomical Society
AIA	Aerospace Industries Association
AIAA	American Institute of Aeronautics and Astronautics
ASE	Association of Space Explorers
ASTM	American Society for Testing and Materials (now ASTM International)
ASTM	ASTM International
BSI	British Standards Institution
Cal Poly	California Polytechnic State University
CCSDS	Consultative Committee for Space Data Systems
CNSS	Committee on National Security Systems
CONFERS	Consortium for Execution of Rendezvous and Servicing Operations
COSPAR	Committee on Space Research
CSF	Commercial Spaceflight Federation
CSSMA	Commercial Smallsat Spectrum Management Association
DIN	Deutsches Institut für Normung
ECSS	European Cooperation for Space Standardization
ESA	European Space Agency
FAA	Federal Aviation Administration
FAA AST	Fedaral Aviation Administration Office of Commercial Space Transportation
FCC	Federal Communications Commission
IAA	International Academy of Astronautics
IAASS	International Association for the Advancement of Space Safety
IAASS SSI	International Association for the Advancement of Space Safety Space Safety Institute
	Institute for Defense Analysis
IEEE IR	Institute of Electrical and Electronics Engineers
ISO	Interagency Report International Organization for Standardization
ISS	International Space Station
ITU	International Telecommunication Union
NAPA	National Academy of Public Administration
NAS	National Aerospace Standard
NASA	National Aeronautics and Space Administration
NFPA	National Fire Protection Association
NIST	National Institute of Standards and Technology
OSA	Office of Space Affairs
SAE	Society of Automotive Engineers
SANA	Space Assigned Numbers Authority
SATCON1	Satellite Constellations 1 workshop
SC	Subcommittee
SFCG	Space Frequency Coordination Group
SIA	Satellite Industry Association
SP	Special Report
SP	Special Project
SP	Special Publication
SSC	Space Safety Coalition
TC	Technical Committee
TN	Technical Note
UNOOSA	United Nations Office for Outer Space Affairs
USG	United States Goverenment