

Space environment (natural and artificial)	
19923	Spacecraft potential estimation in worst case environment
17851	Space systems – Space environment simulation for material tests – General principles and criteria
Earth's field	
14222	Space environment (natural and artificial) — Earth upper atmosphere
16695	Earth's internal magnetic reference field models
11225	Guideline to reference and standard atmosphere models [Tech Rpt]
16698	Methods for estimation of future geomagnetic activity
22009	Model of Earth's magnetospheric magnetic field
16457	The Earth's ionosphere model — International reference ionosphere (IRI) model and extensions to the plasmasphere
14200	Guide to process-based implementation of meteoroid and debris environmental models (orbital altitudes below GEO + 2000 km)
17761	Model of high energy radiation at low altitudes (300-600 km)
21979	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 [Tech Spec]
21980	Evaluation of radiation effects on Commercial-Off-The-Shelf (COTS) parts for use on low-orbit satellites
Solar activities	
21348	Solar irradiance determinations
18147	The method of the solar energetic protons fluences and peak fluxes determination [Tech Rpt]
15856	Simulation guidelines for radiation exposure of non-metallic materials
12208	Observed proton fluences over long duration at GEO and guideline for selection of confidence level in statistical model of solar proton fluences
23989	Operational estimation of the solar wind energy input into the Earth's magnetosphere by means of the ground-based magnetic Polar Cap (PC) index [Tech Rpt]
Cosmic ray	
15390	Models of galactic cosmic rays
17520	Cosmic ray and solar energetic particle penetration inside the magnetosphere – Method of the effective vertical cut-off determination
Lunar	
10788	Space systems – Lunar simulants
Nanostructured materials	
22295	Space environment (natural and artificial) —Modeling of space environment impact on nanostructured materials — General principles [Tech Spec]

Fig.-1 ISO Standards and Technical Reports, etc. (2/2)
(based on SC14 Work Program @ April 2021)

New Item added in May 2022

Project No.	Project Title	Date	WG No.
22893	Space systems – Software Product Assurance (SPA)	2022/4/1	5 Program Management
23135	Space systems – Verification program and management process	2022/3/1	2 Interfaces
23569	Space systems – Spacecraft system level radiating frequency (RF) performance test in compact range	2021/11/1	2 Interfaces
23835	Space systems – Mechanism design and verification	2022/4/1	1 Design Engineering