## Space systems and operations

ISO #	Title	Project Lead(s)	Last Action Completed	Last Action Date	Next Applicable Action	Due Date	Responsible Party
			Working Group #3	Operations			-
11233	Orbit determination and estimation	Finkleman, Dave	New project registered in TC/SC work program	12/1/2007	Committee draft (CD) registered	7/25/2008	Secretariat
14619	Space systems - Space experiments - General requirements	Fomitchev, Gregori	International Standard published	10/22/2003	Initiate member body review	10/22/2008	Central Secretariat
14620-1	Space systems - Safety requirements - Part 1: System safety	Baccini, Henri	Initiate member body review	10/15/2007	Review input due to secretariat	3/17/2008	HODs
14620-2	Space systems - Safety requirements - Part 2: Launch site operations	Baccini, Henri	International Standard to be revised	1/2/2007	Committee draft (CD) registered	4/17/2008	Secretariat
14620-3	Space systems — Safety requirements — Part 3: Flight safety systems	Baccini, Henri	International Standard published	5/17/2005	Initiate member body review	5/17/2009	Secretariat
14625	Space systems - Ground support equipment for use at launch, landing, or retrieval sites - General requirements	Schultz, Larry	International Standard published	10/22/2007	Initiate member body review	10/22/2012	Central Secretariat
14711	Space systems - Unmanned mission operations concepts – Guidelines	Durham, David	Initiate member body review	1/15/2008	Review input due to secretariat	6/16/2008	HODs
14721	Space systems - Archiving space data		Project deleted	10/1/1994			

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ISO #	Title	Project Lead(s)	Last Action Completed	Last Action Date	Next Applicable Action	Due Date	Responsible Party
14950	Space systems - Unmanned spacecraft operability		International Standard confirmed	9/12/2007	Initiate member body review	2/5/2009	Central Secretariat
14951-1-13	Space systems - Fluid characteristics - Parts 1-13	Schultz, Larry	Project deleted	6/5/2005			Working Group
14N374	Space systems - Launch collision avoidance	Hasegawa, Mitsunori	Project deleted	10/20/2006			Secretariat
14N499	Spacecraft reactant gauging	Finkleman, Dave	New project rejected				Secretariat
15389	Space systems - Flight to ground umbilicals	Schultz, Larry	International Standard confirmed	5/13/2005	Initiate member body review	5/13/2009	Secretariat
15389 Amd 1	Space systems – Flight to ground umbilicals – Amendment 1: Add Annex A, Prevention of accidental cross connection	Tsukanov, Evgeny	International Standard published	10/3/2005	Initiate member body review	10/3/2009	Secretariat
15860	Space systems - Gas contamination - Measurements methods for field tests	Tsukanov, Evgeny	International Standard published	7/26/2006	Initiate member body review	7/26/2010	Secretariat
15861	Space systems - Mobile Space Exploration Robots - Design Elements	Moskowitz, Samuel	Project deleted	7/1/1998			

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ISO #	Title	Project Lead(s)	Last Action Completed	Last Action Date	Next Applicable Action	Due Date	Responsible Party
16091	Space systems - Integrated Logistic Support		Initiate member body review	10/15/2007	Review input due to secretariat	3/17/2008	HODs
16458	Space systems - Unmanned Spacecraft Transportation	Osipov, Sergei	International Standard confirmed	9/14/2007	Initiate member body review	1/6/2009	Central Secretariat
17399	Space systems – Man-systems integration	Schultz, Larry	International Standard published	10/9/2003	Initiate member body review	10/9/2008	Central Secretariat
17400	Space systems-Launch and integration site general test requirements	Tsukanov, Evgeny	TR published	2/15/2003			
22108	Space systems - Non-flight items in flight hardware - Identification and control	Hobbs, Steven	National Votes Due	12/21/2007	Voting summary dispatched	1/21/2008	Secretariat
23041	Space systems – Unmanned spacecraft operational procedures – Documentation	Miyashita, Makoto	International Standard published	10/31/2007	Initiate member body review	10/31/2012	Central Secretariat
23339	Space systems - Unmanned spacecraft residual propellant mass estimation for disposal manoeuvres	Miyashita, Makoto	Resolve CD comments	9/30/2007	Initiate CD/V	10/30/2007	Secretariat
24113	Space systems - Orbital debris, Routes to compliance and management for debris mitigation	Stokes, Hedley	Circulate CD/C	11/5/2007	CD/C ends	2/5/2008	HODs

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ISO #	Title	Project Lead(s)	Last Action Completed	Last Action Date	Next Applicable Action	Due Date	Responsible Party
26870	Space systems - Launch pad and integration site operational documents	Tsukanov, Evgeny	Comments/voting summary circulated	1/22/2008	DIS registered	2/22/2008	Secretariat
26872	Space systems - Disposal of satellites operating at geosynchronous altitude	Ailor, Bill	DIS registered	9/27/2007	DIS Ballot to be initiated by CenSec	10/27/2007	Central Secretariat
26885	Space systems - Process for Orbital Information Exchange	Finkleman, Dave	Project deleted	8/31/2007			Secretariat
27852	Space systems - Orbit lifetime estimation	Oltrogge, Dan	Comments/voting summary circulated	9/14/2007	Initiate CD/V	10/14/2007	Secretariat
27875	Space systems - Re-entry safety management for unmanned spacecraft and launch vehicle orbital stages	Kato, Akira	Resolve CD comments	8/15/2007	Initiate CD/V	9/15/2007	Secretariat

Total Number of Projects: 29