

ISO #	Stage	Title	Project Lead(s)	Last Action Completed	Last Action Date	Next Applicable Action	Due Date	Responsible Party
<b>Working Group # 3 Operations</b>								
11233	CD	Orbit determination and estimation	Finkleman, Dave	CD/C ends	1/2/2009	Comments/voting summary circulated	2/2/2009	Secretariat
14619	IS	Space systems - Space experiments - General requirements	Fomitchev, Gregori	Review summary dispatched	5/14/2009	International Standard confirmed	6/14/2009	Central Secretariat
14620-1	IS	Space systems - Safety requirements - Part 1: System safety	Baccini, Henri	Review summary dispatched	3/20/2009	International Standard confirmed	4/20/2009	Central Secretariat
14620-2	DIS	Space systems - Safety requirements - Part 2: Launch site operations	Baccini, Henri	Voting summary dispatched	5/14/2009	Resolve comments from DIS vote	6/14/2009	Project Leader
14620-3	IS	Space systems — Safety requirements — Part 3: Flight safety systems	Baccini, Henri	Review summary dispatched	3/20/2009	Review results to be discussed during Plenary meeting	5/18/2009	WG Experts
14625	IS	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	IS	Space systems - Unmanned mission operations concepts – Guidelines	Durham, David	Review summary dispatched	8/14/2008	International Standard confirmed	9/14/2008	Central Secretariat
14721		Space systems - Archiving space data		Project deleted	10/1/1994			

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14950	IS	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
14N608	NWI	Space systems - Avoiding collisions with orbiting objects		NWI Votes Due	1/31/2009	Voting summary circulated	2/28/2009	Secretariat
14N610	NWI	<del>Space system-Launch pad and integration site-Analysis of failures</del>		NWI Votes Due	1/31/2009	Voting summary circulated	2/28/2009	Secretariat
14N615	NWI	Space Systems - Disposal of satellites operating in or crossing Low Earth Orbit		New project ballot initiated	5/2/2009	NWI Votes Due	8/2/2009	HODs
14N617	NWI	Space Systems - End of life passivation of un-manned spacecraft		New project ballot initiated	5/2/2009	NWI Votes Due	8/2/2009	HODs

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14N619	NWI	Space Systems - Survivability of unmanned spacecraft against space debris and meteoroid impacts - Assessment procedure		New project ballot initiated	5/2/2009	NWI Votes Due	8/2/2009	HODs
14N621	NWI	Space system - Man-system integration standards - Techno-medical requirements for space vehicle crew habitation equipments		New project ballot initiated	3/9/2009	NWI Votes Due	6/9/2009	HODs
15389	IS	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	IS	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	IS	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			
16458	IS	Space systems - Unmanned Spacecraft Transportation	Osipov, Sergei	International Standard confirmed	9/14/2007	Initiate member body review	1/6/2009	Central Secretariat
17399	IS	Space systems – Man-systems integration	Schultz, Larry	Review summary dispatched	5/14/2009	International Standard confirmed	6/14/2009	Central Secretariat

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17400	TR	Space systems-Launch and integration site general test requirements	Tsukanov, Evgeny	TR published	2/15/2003			
22108	IS	Space systems - Non-flight items in flight hardware - Identification and control	Hobbs, Steven	International Standard published	12/9/2008	Initiate member body review	12/9/2011	Central Secretariat
23041	IS	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	DIS	Space systems - Unmanned spacecraft residual propellant mass estimation for disposal manoeuvres	Miyashita, Makoto	National Votes Due	5/4/2009	Voting summary dispatched	6/4/2009	Secretariat
24113	CD	Space systems - Orbital debris, Routes to compliance and management for debris mitigation	Stokes, Hedley	DIS registered	3/4/2009	DIS Ballot to be initiated by CenSec	4/4/2009	Central Secretariat
26870	DIS	Space systems - Launch pad and integration site operational documents	Tsukanov, Evgeny	Resolve comments from DIS vote	4/24/2009	DIS comment resolutions circulated to committee	5/24/2009	Secretariat
26872	DIS	Space systems - Disposal of satellites operating at geosynchronous altitude	Ailor, Bill	Resolve comments from DIS vote	9/14/2008	DIS comment resolutions circulated to committee	10/14/2008	Secretariat
26885		Space systems - Process for Orbital Information Exchange	Finkleman, Dave	Project deleted	8/31/2007			Secretariat

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27852	CD	Space systems - Orbit lifetime estimation	Oltrogge, Dan	Comments/voting summary circulated	3/23/2009	Resolve CD comments	4/23/2009	Project Leader
27875	DIS	Space systems - Re-entry safety control for unmanned spacecraft and launch vehicle orbital stages	Kato, Akira	National Votes Due	4/24/2009	Voting summary dispatched	5/24/2009	Secretariat

Total Number of Projects: 34