

Newsletter-January 2018

General News from the Director

Dear Readers of our Newsletter,

ASD-STAN has published 9 new standards this month, the details can be found on pages 2 and 5. CEN published 8 ASD-STAN originating EN standards.

New Space – Commercialization of Space activities

Beyond regular government driven space programmes, so called "Old Space", new activities are coming up, taking more and more the market needs, resources and flexibility into account.

These so-called "New Space" activities are driven by a commercially minded private industry and can be a revolution from a technological towards a more and more industrial approach.

Industry, SMEs, start-ups and involved newcomers - including their supplier networks - make use of their innovation potential and market appreciation to simplify and reduce the costs for the access to space and related space applications, applying lower sophisticated technologies, investment of private capital and competition.

The challenges of the "New Space" economy are the use of new market mechanisms, finance schemes, short innovation cycles as well as user driven approaches.

On the other side, the lower cost implies higher risk and a lower level of visibility and justification. Plenty worldwide activities, fast developments and lacking information exchange overrun any coordination or harmonization approach.

Several key stakeholders already addressed the need for standardization to work on such harmonization, as:

- 1. Standardized interfaces (hardware, software, ...)*
- 2. Standardized basic services (e.g. operations, data provision)*
- 3. Standardized processes (e.g. technology management, operational management, ...)*
- 4. Standard products (e.g. modular concepts, avionics, ...)*

However, such an approach needs to be supported by both - the industry and the regulative authorities - to ensure the success of the "New Space" approach.

Thank you and enjoy the read!

With the best regards,

Andreas Jain-Director ASD-STAN

To contact ASD-STAN and make suggestions regarding the Publication Notice

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Important news:

In January 2018, ASD-STAN has published 9 ASD-STAN prENs:

[ASD-STAN prEN 4867 P1](#)

[ASD-STAN prEN 4608-001 P2](#)

[ASD-STAN prEN 4708-105 P1](#)

[ASD-STAN prEN 3475-418 P2](#)

[ASD-STAN prEN 9138 P1](#)

[ASD-STAN prEN 2583 P2](#)

[ASD-STAN prEN 4854-1 P1](#)

[ASD-STAN prEN 4854-2 P1](#)

[ASD-STAN prEN 4854-3 P1](#)

On the 15th of February and 12th of November 2018, ASD-STAN together with the DIN Akademie is offering a Training on REACH (for more information and registration please download the [Flyer](#) and/or complete the [form](#))

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Statistics for the last 3 years

Statistics 2018



- 0 New Work Proposals (stage 00.00)
- 2 New Work Proposal Ballots (stage 10.00)
- 9 Published prENs (stage 40.00)
- 37 Documents Sent for Formal Vote (stage 50.00)
- 7 Ratified EN (stage 60.60)

Statistics 2017

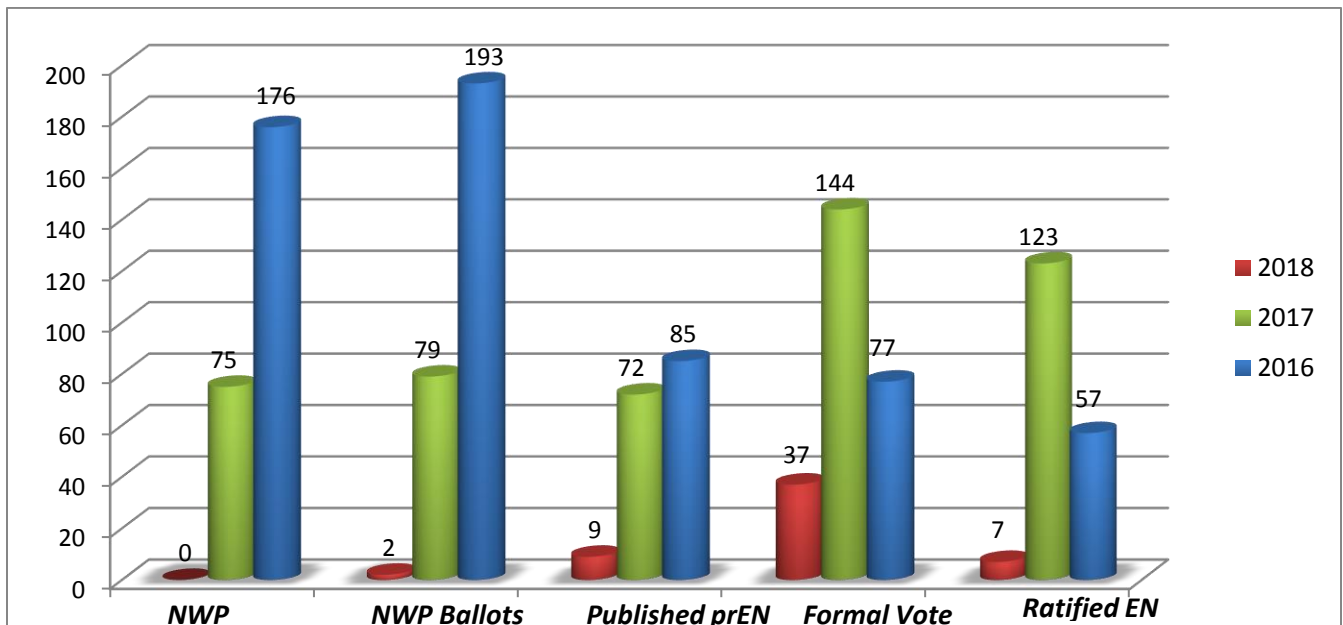


- 75 New Work Proposals (stage 00.00)
- 79 New Work Proposal Ballots (stage 10.00)
- 72 Published prENs (stage 40.00)
- 144 Documents Sent for Formal Vote (stage 50.00)
- 123 Ratified EN (stage 60.60)

Statistics 2016





- 176 New Work Proposals (stage 00.00)
- 193 New Work Proposal Ballots (stage 10.00)
- 85 Published prENs (stage 40.00)
- 77 Documents sent for Formal Vote (stage 50.00)
- 57 Ratified EN (stage 60.60)



ASD-STAN prEN Publications of the month January 2018

Now available at the ASD-STAN Web-shop
 (<http://www.asd-stan.org/online-document-store/>)

- NOTE:**
-  These ASD-STAN prEN/TR standards are replacing any previous ASD-STAN prEN/TR editions with the same number.
 -  They will supersede any previous EN editions (if any) with the same number after the CEN Formal Vote procedure.

Type	Domain	Number	Ed	Title	Pages	Date
prEN	MECH	2583	P2	Aerospace series — Bolts, MJ threads, in heat resisting nickel base alloy NI-PH2601 (Inconel 718), Classification: 1 275 MPa (at ambient temperature)/650 °C — Technical specification	24	1/01/2018
prEN	ELEC	3475-418	P2	Aerospace series — Cables, electrical, aircraft use — Test methods — Part 418: Thermal endurance for conductors	6	1/01/2018
prEN	ELEC	4608-001	P2	Aerospace series — Cable, electrical, fire resistant Single and twisted multicore assembly, screened (braided) and jacketed — Operating temperatures between – 65 °C and 260 °C — Part 001: Technical specification	12	1/01/2018
prEN	ELEC	4708-105	P1	Aerospace series — Sleeving, heat-shrinkable, for binding, insulation and identification — Part 105: Semi-flexible polyvinylidene fluoride (PVDF) — Operating temperature – 55 °C to 150 °C — Product standard	9	1/01/2018
prEN	MECH	4854-1	P1	Aerospace series — Bearing, spherical plain, in corrosion resisting steel with self-lubricating liner, low starting torque and low friction coefficient, elevated duty cycles under low oscillations at different operating conditions, narrow series — Part 1: Dimensions and loads	13	1/01/2018
prEN	MECH	4854-2	P1	Aerospace series — Bearing, spherical plain, in corrosion resisting steel with self-lubricating liner, low starting torque and low friction coefficient, elevated duty cycles under low oscillations at different operating conditions, wide series — Part 2: Dimensions and loads	13	1/01/2018
prEN	MECH	4854-3	P1	Aerospace series — Bearings, spherical plain, in corrosion resisting steel with self-lubricating liner, low starting torque and low friction coefficient, elevated duty cycles under low oscillations at different operating conditions, wide series — Part 3: Technical specification	41	1/01/2018
prEN	MAT	4867	P1	Aerospace series — Laser surface marking by discoloration	15	1/01/2018
prEN	QUAL	9138	P1	Aerospace Series — Quality Management Systems — Statistical Product Acceptance Requirements	107	1/01/2018

9 ASD-STAN prEN published

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EN Publications of the month January 2018

NOTE:



These EN standards are replacing any previous ASD-STAN prEN/EN editions with the same number.

Type	Domain	Number	Ed	Title	Pages	Date
EN	ELEC	3475-603	4EN	Aerospace series — Cables, electrical, aircraft use — Test methods — Part 603: Resistance to wet arc tracking	12	10/01/2018
EN	ELEC	3475-604	3EN	Aerospace series — Cables, electrical, aircraft use — Test methods — Part 604: Resistance to dry arc propagation	14	10/01/2018
EN	ELEC	3475-605	3EN	Aerospace series — Cables, electrical, aircraft use — Test methods — Part 605: Wet short circuit test	11	10/01/2018
EN	ELEC	4533-004	2EN	Aerospace series — Fibre optic systems — Handbook — Part 004: Repair, maintenance, cleaning and inspection	36	10/01/2018
EN	MECH	4691-2	1EN	Aerospace series — Tie rod with integrated bolts — Part 2: Overview construction kit	12	10/01/2018
EN	MAT	6041	1EN	Aerospace series — Non-metallic materials — Test method — Analysis of non-metallic materials (uncured) by Differential Scanning Calorimetry (DSC)	13	17/01/2018
EN	MAT	2667-2	1EN	Aerospace series — Non-metallic materials — Foaming structural adhesives — Test methods — Part 2: Compressive tube shear	12	17/01/2018
EN	ELEC	4652-221	1EN	Aerospace series — Connectors, coaxial, radio frequency — Part 221: Type 2, TNC interface — Crimp version — Right angle plug — Product standard	11	31/01/2018
8 EN published						

The related DIN EN standards will be available soon at the ASD-STAN web-shop.

Please feel free to contact your national focal points to have your opinion included.
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Ballots reminder

NWP: New Work Proposal Ballot

Number	Domain	Edition	Title	Due Date
3381	MECH	P3	Aerospace series — Screws, 100 ° countersunk normal head, offset cruciform recess, close tolerance normal shank, short thread, in titanium, anodized, MoS2 lubricated — Classification: 1 100 MPa (at ambient temperature)/315 °C	08/01/2018
4496	MECH	P2	Aerospace series — Screws, 100° countersunk normal head, offset cruciform recess, close tolerance normal shank, short thread, in titanium alloy, anodized, with aluminium pigmented coating — Classification: 1 100 Mpa (at ambient temperature) / 315 °C	08/01/2018
8.9070 (7032)	ENV	P1	Aerospace series — Technical specification for nuts	17/01/2018
3004	MECH	P2	Aerospace series — Nuts, self-locking, in heat resisting steel FE-PA92HT (A286)-Classification: 1100 MPa/650°C-Technical specification	17/01/2018
4013	MECH	P3	Aerospace series — Shank Nuts, self-locking, in heat resisting nickel base alloy NI-PH2601 (Inconel 718), silver plated — Classification: 1 550 MPa/600 °C	17/01/2018
3672	MECH	P3	Aerospace series — Shank nuts, self-locking, in heat resisting nickel base alloy NI-P101HT (Waspaloy), silver plated, for 30° swage — Classification: 1 210 MPa (at ambient temperature)/730 °C	31/01/2018
6069	MECH	P4	Aerospace series — Rivet, 100° reduce flush head, close tolerance — Inch series	31/01/2018
6080	MECH	P4	Aerospace series — Rivet, 100° normal flush head, close tolerance — Inch series	31/01/2018
6081	MECH	P3	Aerospace series — Rivet, universal head, closed tolerance — Inch series	31/01/2018
6101	MECH	P3	Aerospace series — Rivet, 100° medium flush head, close tolerance — Inch series	31/01/2018
3572	MECH	P2	Aerospace series — PTFE flexible hose assembly with convoluted inner tube of a nominal pressure up to 6 800 kPa and 8°30' fitting in titanium — Product standard	26/02/2018
4609	MECH	P1	Aerospace series — Spiral Drive Recesses for fasteners — Geometrical definition and Technical specification	27/02/2018

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NDB: National Domain Ballot

Number	Domain	Edition	Title	Due Date
9255	QUAL	P1	Aerospace series — Acceptance of supplier's design capabilities and management of Design Organisation authorisations	12/01/2018
9251	QUAL	P1	Aerospace series — Flammability Test Organisations Specific requirements for test process and capabilities	22/01/2018
7010	ENV	P1	Aerospace series — User guide for creation and designation of bolts	31/01/2018
2885	MECH	P2	Aerospace series — Screws, pan head, offset cruciform recess, coarse tolerance normal shank, short thread, in alloy steel, cadmium plated — Classification : 900 MPa (at ambient temperature) / 235 °C	19/02/2018
2886	MECH	P2	Aerospace series — Screws, pan head, offset cruciform recess, close tolerance normal shank, short thread, in alloy steel, cadmium plated — Classification : 900 MPa (at ambient temperature) / 235 °C	19/02/2018
3278	MECH	P2	Aerospace series — Sleeves, tubular, protruding head, in corrosion resisting steel, passivated (0,25 mm wall thickness)	19/02/2018
3685	MECH	P3	Aerospace series — Bolts in heat resisting steel FE-PA2601 (A286) — Classification: 1 100 MPa/650 °C — Technical specification	19/02/2018
3740	MECH	P3	Aerospace series — Bolts, shouldered, thin hexagonal head, close tolerance shank, short thread, in titanium alloy, MoS2 lubricated — Classification : 1 100 MPa (at ambient temperature)/ 315 °C	19/02/2018
3475-512	ELEC	P2	Aerospace series — Cables, electrical, aircraft use — Test methods — Part 512: Flexure endurance	27/02/2018
TR 6058	ELEC	12	Aerospace series — Cable code identification list	28/02/2018
4476	N MAT	P3	Aerospace series — Paints and varnishes — Polyurethane — Cold curing intermediate coat	4/03/2018
4681-001	ELEC	P3	Aerospace series — Cables, electric, general purpose, with conductors in aluminium or copper-clad aluminium — Part 001: Technical Specification	4/03/2018
4864	N MAT	P1	Aerospace series — Environmental testing — High dynamic abrasion, mar, scratch and punch test in cabin interior	4/03/2018
4705	ELEC	P1	Aerospace series — Measurement Methods Regarding the Lifetime Behaviour of Light Units in a Standardized Aircraft-related Environment	5/03/2018
9130	QUAL	P2	Aerospace series — Quality systems — Record retention	7/03/2018
4604-003	ELEC	P3	Aerospace series — Cable, electrical, for signal transmission — Part 003: Coaxial cable 50 Ohm, 200 °C, type WZ — Product standard	13/03/2018

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4604-006	ELEC	P3	Aerospace series — Cable, electrical, for signal transmission — Part 006: Cable, coaxial, 50 Ohms, 200 °C, type WM — Product standard	13/03/2018
4604-007	ELEC	P5	Aerospace series — Cable, electrical, for signal transmission — Part 007: Cable, coaxial, 50 Ohms, 200 °C, type WN	13/03/2018
4866	N MAT	P1	Aerospace series — Definitions of imperfections and defects in organic matrix composite materials	13/03/2018
4687	N MAT	P2	Aerospace series — Paints and varnishes — Chromate free non corrosion inhibiting two components cold curing primer for military application	14/03/2018
4688	N MAT	P2	Aerospace series — Paints and varnishes — Corrosion inhibiting two components cold curing primer for military application	14/03/2018
4689	N MAT	P2	Aerospace series — Paints and varnishes — Two components cold curing polyurethane finish — High flexibility and chemical agent resistance for military application	14/03/2018
6111	MECH	P2	Aerospace series — Ethylene-propylene elastomer (EPM/EPDM) Hardness 80 IRHD for static seal elements in hydraulic systems for long-term application — Material standard	20/04/2018
6139	MECH	P2	Aerospace series — Cap, protective, non-metallic for flared and flareless extra fine thread fitting ends	20/04/2018
6140	MECH	P2	Aerospace series — Plug, protective, non-metallic for flared and flareless fine thread fitting ends	20/04/2018
6141	MECH	P2	Aerospace series — Plug, protective, non-metallic for flared and flareless extra fine thread fitting ends	20/04/2018
4708-107	ELEC	P1	Aerospace series — Sleeving, heat-shrinkable, for binding, insulation and identification — Part 107 Polytetrafluoroethylene (ptfe) — Temperature range -65 °C and 260 °C — Product Standard	29/04/2018
4708-108	ELEC	P1	Aerospace series — Sleeving, heat-shrinkable, for binding, insulation and identification — Part 108: Limited fire hazard sleeving — Temperature range -55°C to 150°C — Product Standard	29/04/2018

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