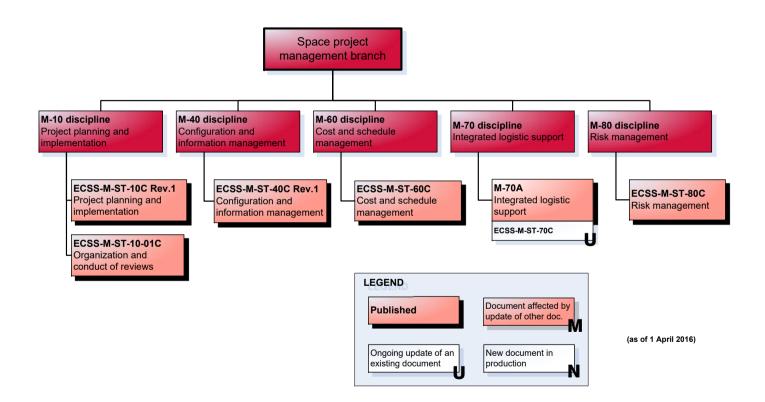
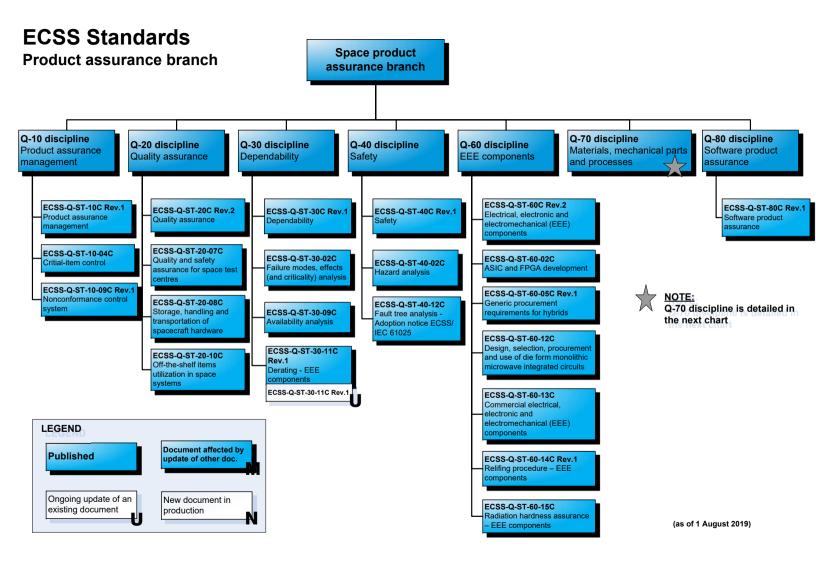
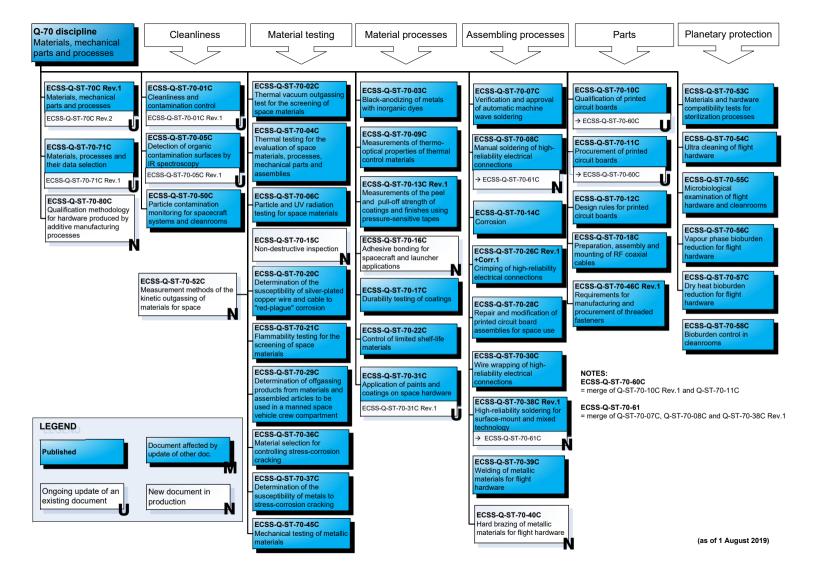
ECSS Disciplines ECSS-S-ST-00C ECSS-S-ST-00-01C System description Glossary of terms Space project Space product assurance Space engineering Space sustainability management branch branch branch branch M-10 discipline Q-10 discipline E-10 discipline U-10 discipline Product assurance Project planning and System engineering Space debris implementation management E-20 discipline M-40 discipline U-20 discipline Q-20 discipline Electrical and optical Configuration and Planetary protection Quality assurance engineering information management E-30 discipline U-30 discipline M-60 discipline Q-30 discipline Mechanical engineering Space situation awareness Cost and schedule Dependability management E-40 discipline Software engineering M-70 discipline Q-40 discipline Integrated logistic support Safety E-50 discipline Communications Q-60 discipline M-80 discipline EEE components Risk management E-60 discipline Control engineering Q-70 discipline Materials, mechanical parts E-70 discipline and processes Ground systems and operations Q-80 discipline (as of 6 May 2014) Software product assurance

ECSS Standards

Management branch

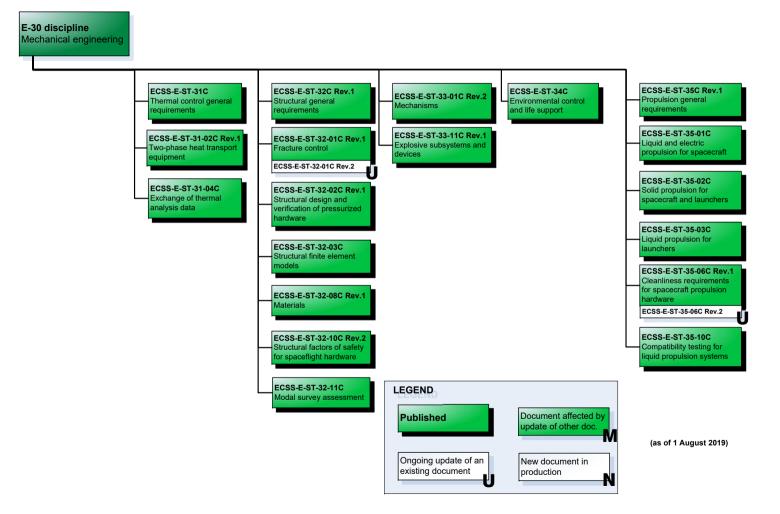


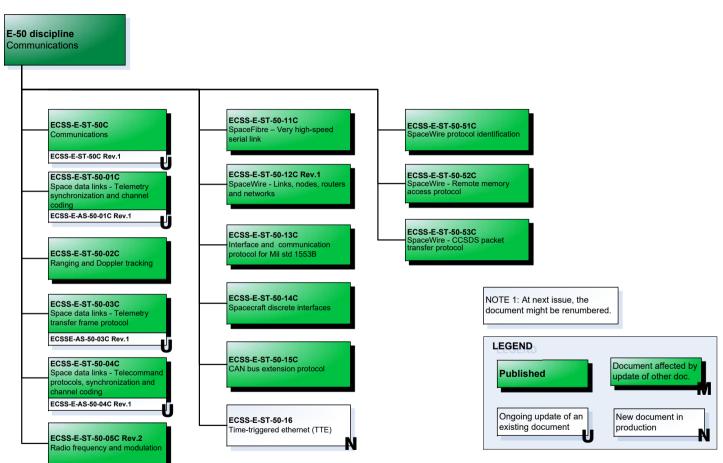




ECSS Standards Space engineering **Engineering branch** branch E-20 discipline E-70 discipline E-40 discipline E-10 discipline E-30 discipline E-50 discipline E-60 discipline Electrical and optical Ground systems and System engineering Mechanical engineering Software engineering Communications Control engineering engineering operations ECSS-E-ST-10C Rev.1 ECSS-E-ST-40C ECSS-E-ST-70C Note: Note: ECSS-E-ST-60-10C ECSS-E-ST-20C System engineering Software general Ground systems and Control performances Electrical and electronic E-30 discipline is E-50 discipline is eneral requirements equirements detailed in the next detailed in the next ECSS-E-ST-40C Rev.1 ECSS-E-ST-20C Rev.1 ECSS-E-ST-10-02C chart chart ECSS-E-ST-60-20C Rev.2 ECSS-E-ST-70-01C Rev.1 Star sensor terminology ECSS-E-ST-40-07C On-board control Verification ECSS-E-20-01A Rev.1 and performance Simulation modelling rocedures Multipaction design and specification platform ECSS-E-ST-10-03C ECSS-E-ST-70-11C **Testina** ECSS-E-ST-20-01C ECSS-E-ST-60-21C Space segment operability Gyros terminology and ECSS-E-ST-10-04C ECSS-E-ST-20-06C Rev.1 performance Space environment Spacecraft charging ECSS-E-ST-70-31C Ground systems and ECSS-E-ST-10-04C Rev. ECSS-E-ST-60-30C operations - Monitoring and ECSS-E-ST-20-07C Rev.1 Attitude and orbit control control data definition Electromagnetic ECSS-E-ST-10-06C systems (AOCS) compatibility Technical requirements equirements pecification ECSS-E-ST-70-32C Test and operations ECSS-E-ST-20-08C Rev.1 procedure language ECSS-E-ST-10-09C Photovoltaic assemblies Reference coordinate and components vstem ECSS-E-ST-70-41C ECSS-E-ST-20-08C Rev.2 Telemetry and telecommand packet ECSS-E-ST-10-11C ECSS-E-ST-20-20C Human factors utilization nterface requirements for lectrical power ECSS-E-ST-10-12C ECSS-E-ST-20-21C +Corr.1 (22Feb2017) Method for the Interface requirements for electrical actuators calculation of radiation received and its effects. and a policy for design ECSS-E-ST-20-30C Design, requirements and LEGEND control of harness ECSS-E-ST-10-24C Document affected by Interface management FCSS-F-ST-20-40C Published update of other doc. (as of 1 August 2019) ASIC and FGPGA engineering ECSS-E-AS-11C Adoption Notice of ISO Ongoing update of an New document in 16290 - Definition of existing document production TRLs and their criteria of

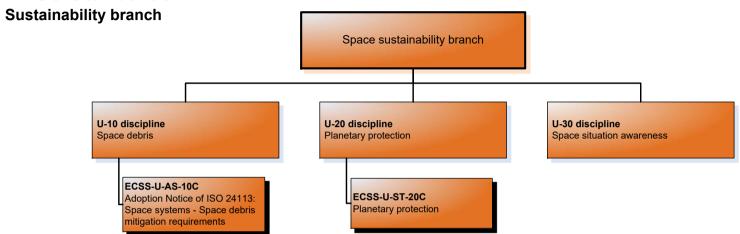
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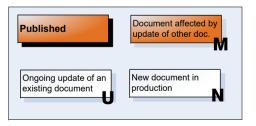




(as of 1 August 2019)

ECSS Standards

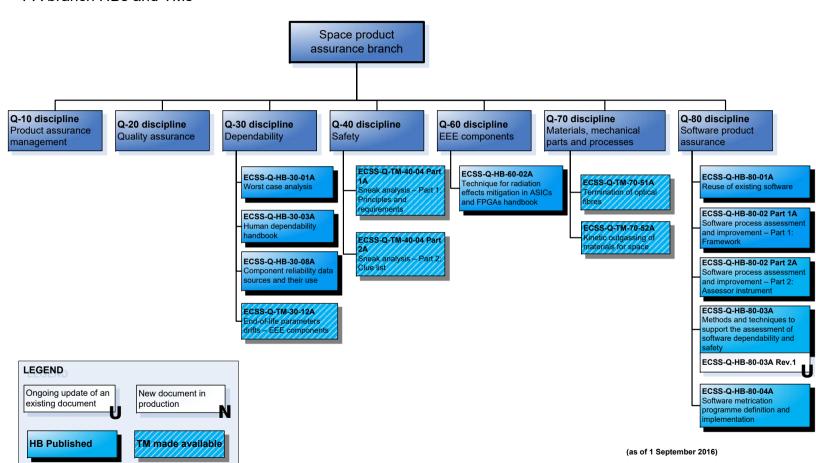




(as of 1 August 2019)

ECSS Handbooks and Technical memoranda

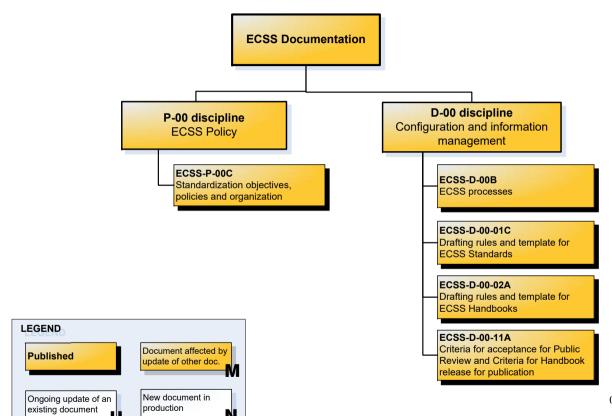
PA branch HBs and TMs



ECSS Handbooks and Technical memoranda Engineering branch HBs and TMs Space engineering branch E-20 discipline E-70 discipline E-10 discipline E-30 discipline E-40 discipline E-50 discipline E-60 discipline Electrical and optical Ground systems and System engineering Mechanical engineering Software engineering Communications Control engineering enaineerina operations ECSS-E-HB-20-01A ECSS-E-HB-31-01A ECSS-E-HB-40A ECSS-E-HB-50A ECSS-E-HB-60A ECSS-E-HB-10-02A Multipaction design and Thermal design data Software engineering Communications Control engineering Verification guidelines test auidelines handbook (16 parts) handbook uidelines nandbook ECSS-E-HB-31-03A ECSS-E-HB-40-01A ECSS-E-HB-10-03A ECSS-E-HB-20-02A ECSS-E-HB-60-10A Thermal analysis Agile software Testing handbook Li-ion battery handbook development handbook Control performance handbook quidelines ECSS-E-TM-40-07A Simulation modelling ECSS-E-HB-20-03A ECSS-E-HB-32-20A ECSS-E-HB-10-12A Calculation of radiation Magnetic cleanliness Structural design data and its effects, and handbook handbook (8 parts) margin policy handbook ECSS-E-HB-20-05A ECSS-E-HB-32-21A High voltage Adhesive bonding ECSS-E-HB-11A engineering and design handbook TRL auidelines andbook ECSS-E-HB-32-22A ECSS-E-HB-20-06A ECSS-E-TM-10-10A nsert design handbook Assessment of spacecraft worst case ECSS-E-HB-32-23A ECSS-E-TM-10-20A Threaded fasteners ECSS-E-HB-20-07A Product data exchar handbook Spacecraft ECSS-E-HB-32-23A Rev.1 electromagnetic ECSS-E-TM-10-21A compatibility handbook ECSS-E-HB-32-24A LEGEND ECSS-E-HB-20-20A Buckling handbook Guidelines for electrical ECSS-E-TM-10-23A Ongoing update of an interface requirements New document in ECSS-E-HB-32-25A for power supply existing document production Mechanical shock design and verification handbook ECSS-E-HB-20-21A ECSS-E-TM-10-25A Guidelines for electrical ECSS-E-HB-32-26A **HB Published** TM made available design and interface Spacecraft mechanical equirements for actuators loads analyses handbook ECSS-E-HB-32-26A Rev.1 ECSS-E-HB-20-30A Guidelines for design, (as of 1 August 2019) requirements and control

of harness

ECSS Policy (P) and Configuration and information mangement (D) documents



(as of 12 September 2018)