

Attachment J-01
Integrated Crew Transportation System (CTS)
Requirements

Requirements Documents

The documents listed in Table J01-1, *Commercial Crew Transportation Capability (CCtCap) Applicable Documents*, are applicable for this contract and provide the Crew Transportation System (CTS) requirements for the International Space Station (ISS) Design Reference Mission (DRM). Documents listed as applicable within the documents in Table J01-1 are also applicable documents for this contract. In addition, documents listed as reference within the documents in Table J01-1 are also reference documents for this contract, except for CCT-PLN-1120, *Crew Transportation Technical Management Processes*. Although CCT-PLN-1120 is listed as a reference document in CCT-REQ-1130, *ISS Crew Transportation and Services Requirements Document*, it is considered an applicable document for the contract. The applicable and reference documents are available at <http://commercialcrew.nasa.gov/>.

For the documents listed in Table J01-1, *Commercial Crew Transportation Capability (CCtCap) Applicable Documents*, the term “Commercial Provider” shall be construed to mean “Contractor”.

CCT-REQ-1130 Sections 4.0 through 4.3 establish verification requirements for the design requirements established in Section 3.0. NASA recognizes numerous methods exist to verify compliance to requirements and encourages the formulation of innovative verification requirements that satisfy the overall verification objectives. Once a specific contractor’s verification plan is approved by NASA, the content of the plan will supersede the specific verification statements in section 4.3 of CCT-REQ-1130 and will be considered approved tailoring of the associated requirement.

Table J01-1: Commercial Crew Transportation Capability (CCtCap) Applicable Documents

Document Number	Revision	Document Title
CCT-PLN-1100	B-1	Crew Transportation Plan
CCT-DRM-1110	Basic-1	Crew Transportation System Design Reference Missions
CCT-PLN-1120	C	Crew Transportation Technical Management Processes
CCT-REQ-1130	C	ISS Crew Transportation and Services Requirements Document
CCT-STD-1140	A-1	Crew Transportation Standards and Processes Criteria
CCT-STD-1150	A-1	Crew Transportation Operations Standards
SSP 50808	E plus DCN 0135B, 0146A, 0149, 0151, 0152, 0153	International Space Station (ISS) to Commercial Orbital Transportation Services (COTS) Interface Requirements Document (IRD)

Variances and Alternate Standards, as described in Table J01-2, *CPC Appendix to Applicable Documents*, that were approved by NASA as part of Certification Products Contract (CPC) shall be incorporated as appendices to affected applicable documents.

Table J01-2 CPC Appendix to Applicable Documents

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