

## Appendix 1B - CAPPs SOW Acronym List

ABCL	As-Built Configuration List
ACA	Associate Contractor Agreement
ACASS	Active Common Attachment System Simulator
ACIDS	Access Control Intrusion Detection System
ACOMC	Assembly, Checkout, Operations, Maintenance and Configuration
ADP	Acceptance Data Package
AFD	Aft Flight Deck
AIS	Avionics Instrumentation Systems
AIT	Analysis and Integration Team
ALS	Alternate Landing Site
AMS	Automated Monitoring System
APCU	Auxiliary Power Control Unit
APM	Attached Pressurized Module (ESA)
ARB	Acceptance Review Board
ARC	Ames Research Center
ASI	Agenzia Spatiale Italiano
ASRS	Automated Support Requirements System
ATA	Ammonia Tank Assembly
BCDU	Battery Charge Discharge Unit
BMAR	Backlog of Maintenance and Repair
CAD	Computer Aided Design
CAE	Computer Aided Engineering
CAGE	Contractors and Government Entity
CAS	CITE Augmentation System
CAU	Cargo Avionics Upgrade
CBC	Cross Bay Carrier
CCAFS	Cape Canaveral Air Force Station
CCB	Configuration Control Board
CCBD	Change Control Board Directive
CCE	Current Cost Estimate
CCS	Complex Control System
CCTE	MPLM Conditioned Cargo Transportation Equipment
CDR	Critical Design Reviews
CEC	Collaborative Engineering Center
CEIT	Crew Equipment Interface Test
CETA	Crew and Equipment Translation Aid
CG	Center Of Gravity
CIL	Critical Items List
CIP	Carrier Integration Plan
CIR	Cargo Integration Review
CITE	Cargo Integration Test Equipment
CLCS	Consolidated Launch Control System
CLS	Contingency Landing Site
CM	Configuration Management

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CMMS	Computerized Maintenance Management System
CMR	Customer Management Room
CoF	Construction of Facility
CoFR	Certification of Flight Readiness
COTS	Commercial Off the Shelf
CP	Cold Plate
CPAF	Cost Plus Award Fee
CPAF/PF	Cost Plus Award Fee/Performance Fee
CPC	Cargo Personal Computer
CR	Change Request
CRF	Canister Rotation Facility
CRV	Crew Return Vehicle
CSD	Common Schedules Database
CSOC	Consolidated Space Operations Contractor
CSS	Cargo Support System
DCR	Design Certification Review
DDCU	DC to DC Converter Unit
DFL	Downlist Format Load
DFRC	Dryden Flight Research Center
DIMS	Digital Imagery Management System
DIS	Deliverable Item Sheet
DM	Double Module
DNS	Domain Naming Service
DOD	Department of Defense
DR	Data Requirement
DRA	Document Release Authorization
DRD	Data Requirements Document
DRL	Data Requirements List
DTO	Detailed Test Objective
EAMP	Electromagnetic Analysis Mobile Platform
EAS	Early Ammonia Servicer
EATCS	External Active Thermal Control System
ECL	Engineering Configuration List
ECP	Engineering Change Proposal
ECR	Engineering Change Request
ECWG	Export Control Working Group
EDC	Engineering Documentation Center
EEDS	Early Engineering Data Set
EF	Exposed Facility
EI	Engineering Instruction
ELM	Experiment Logistics Module
ELM-ES	Experiment Logistics Module-Exposed Section
ELM-PS	Experiment Logistics Module-Pressurized Section
ELV	Expendable Launch Vehicle
ELVIS	Expendable Launch Vehicle Integration Support

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EMA	Electromagnetic Measurements and Analysis
EMC	Electromagnetic Compatibility
EMI	Electromagnetic Interference
EML	Electromagnetic Laboratory
EOM	End of Mission
ER	Eastern Range
ERA	European Robotic Arm
ESA	European Space Agency
ESP	External Stowage Platform
ESR	Engineering Support Request
EVA	Extra-Vehicular Activity
EXPRESS	Expedite the Processing of Experiments to Space Station
FAMOS	Flight Assignment Menu Operating System
FAR	Federal Acquisition Regulations
FAST	FRM Asset Scheduling Tool
FCA	Frequency Control Analysis
FEU	Flight Equivalent Unit
FHRC	Flex Hose Rotary Coupler
FMEA	Failure Mode Effects Analysis
FRM	Fleet Resource Management
FRR	Flight Readiness Review
FS&E	Facility Systems and Equipment
FSE	Flight Support Equipment
FSW	Flight Software
GAS	Get-Away Special
GFP	Government Furnished Property
GFY	Government Fiscal Year
GICICHAR	Generic Integrated Cargo Item and Carrier Hazard Assessment Report
GIDEP	Government Industry Data Exchange Program
GLA	General Luminaire Assembly
GN2	Gaseous Nitrogen
GOR	Ground Operations Review
GOWG	Ground Operations Working Group
GPS	Global Positioning System
GSA	General Services Administration
GSE	Ground Support Equipment
GSFC	Goddard Space Flight Center
GSI	Government Source Inspection
GSRP	Ground Safety Review Panel
HAS	Hatch Access Structure
HPGT	High Pressure Gas Tank
HST	Hubble Space Telescope
HUB	Hardware Utilization Board
HVAC	Heating, Ventilating and Air Conditioning
ICC	Integrated Cargo Carrier

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ICD	Interface Control Document
ICHAR	Integrated Cargo Hazard Assessment Report
ICS	Integrated Communications System
ICT	Integrated Compatibility Test
IDIQ	Indefinite Delivery Indefinite Quantity
IFA	In-Flight Anomaly
IMS	Inventory Management System
ICT	Integrated Compatibility Test
IP/P	International Partner/Participant
IPR	Interim Problem Report
IRCA	International Registrar of Certified Auditor
IRN	Interface Revision Notice
ISH&MA	Integrated Safety, Health and Mission Assurance
ISO	International Organization of Standards
ISPR	ISS Standard Payload Rack
ISS	International Space Station
IST	Integrated Systems Test
IT	Information Technology
ITCB	International Training Control Board
ITCS	Internal Thermal Control System
ITRG	Integrated Testing Requirements Group
IUOPS	Integrated Utility Outage Processing System
IV&V	Independent Verification & Validation
IVT	Integrated Verification Test
IWCS	Integrated Work Control System
IWG	Imagery Working Group
J-BOSC	Joint-Base Operations Support Contract
JEM	Japanese Experiment Module
JEM-PM	Japanese Equipment Module Pressurized Module
JOSA	Joint Operating and Support Agreement
JP8	Jet Propellant #8
JSC	Lyndon B. Johnson Space Center
KCCS	Kennedy Complex Control System
KDP	KSC Documented Procedure
KHB	Kennedy Space Center Handbook
KMI	Kennedy Space Center Management Instruction
KPD	KSC Program Directive
KSC	John F. Kennedy Space Center
K-STM	KSC Space Transportation System Plan/Requirement
L&M	Logistics and Maintenance
LC	Launch Complex (39A/B)
LCC	Launch Commitment Criteria Launch Control Center Launch Control Complex
LCN	LCC Change Notice
LMC	Lightweight MPES Carrier

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LMRT	Logistics Management Responsibility Transfer
LOLI	Limited Operational Life Items
LON	Launch on Need
LPS	Launch Processing System
LRU	Line Replaceable Unit
LSSC	Life Sciences Support Contract
LSSP	Launch Site Support Plan
M&I	Management and Integration
M&P	Materials and Processes
MBS	Mobile Remote Servicer Base System
MBSU	Main Bus Switching Unit
MDM	Multiplexer/Demultiplexer
MDPS	Micrometeoroid Debris Protection System
MDSSC	McDonnell Douglas Space Systems Company
MEIT	Multi-Element Integrated Test
MELFI	Minus Eighty Degree Laboratory Freezer for ISS
MER	Mission Evaluation Room Maximum Error Rate
MFA	Multi-Flow Assessment
MID	Mission Interface Diagram
MIP	Mission Integration Plan
MIS	Mission Integration Schematic
MLI	Multi-Layer Insulation
MLP	Mobile Launch Platform
MM	Material Management
MMCS	Maintenance Management Computer System
MMH	Monomethylhydrazine
MMOD	Micro-Meteoroid Orbital Debris
MMS	Master Milestone Schedule
MMSE	Multi-Mission Support Equipment
MMT	Mission Management Team
MOA	Memorandum of Agreement
MOSB	Mission Operations Support Building
MOU	Memorandum of Understanding
MPESS	Mission Peculiar Experiment Support Structure
MPLM	Multi-Purpose Logistics Module
MPPF	Multi-Payload Processing Facility
MPS	Mission Processing Schedule
MRB	Material Review Board
MRC	Material Review Crib
M/SAT	Multiflow/Space Allocation Team
MSB	Maintenance Support Baseline
MSC	Material Service Center
MSE	Maintenance Support Equipment
MSFC	George C. Marshall Space Flight Center
MST	Mission Sequence Test

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MSV	MPLM Support Vehicle
MT	Mobile Transporter
MUD	Mission Unique Drawing
MVAK	Module Vertical Access Kit
N <sub>2</sub> H <sub>4</sub>	Hydrazine
N <sub>2</sub> O <sub>4</sub>	Nitrogen Tetroxide
NASA	National Aeronautics and Space Administration
NASDA	National Space Development Agency of Japan
NDE	Non-Destructive Evaluation
NEMS	NASA Equipment Management System
NFS	NASA FAR Supplement
NH <sub>3</sub>	Ammonia
NPD	NASA Policy and Directives
NSTS	National Space Transportation System
NTA	Nitrogen Tank Assembly
O&C	Operations and Checkout (Building)
O&M	Operations and Maintenance
ODC	Other Direct Costs
ODIN	Outsourcing Desktop Initiative for NASA
ODMS	Oxygen Deficiency Monitoring System
OEM	Original Equipment Manufacturer
OIS-D	Operational Intercom System – Digital
OISR	Open Item Status Report
OMD	Operations and Maintenance Documentation
OMI	Operations and Maintenance Instruction
OMRS	Operations and Maintenance Requirements Specification
OMRSD	Operations and Maintenance Requirements and Specifications Document
OOCT	On-Orbit Constraints Test
OPD	Operations and Policy Directive
OPF	Orbiter Processing Facility
OR/OD	Operations Requirement/Operations Directive
ORD	Operational Readiness Date
ORU	Orbital Replacement Unit
OSE	Orbital Support Equipment
OSHA	Occupational Safety and Health Administration
OTD	ORU Transfer Device
PAcTS-M	Personnel Area Access Training System Modernization
PAFB	Patrick Air Force Base
PAO	Public Affairs Office
PBC	Performance Based Contract
PCMMU	Pulse Code Modulation Master Unit
PCN	Project Control Number
PCR	Payload Changeout Room
PCS	Portable Computer System
PCU	Plasma Contactor Unit
PDAS	Power Data Acquisition System

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PDC	Processing Data Center
PDGF	Power Data Grapple Fixture
PDMS	Payload Data Management System
PDR	Preliminary Design Review
PDT	Payload Data Tape
PDVT	Post Delivery Verification Testing
PETS	Payload Environmental Transportation System
PFCS	Pump/Flow Control Subassembly
PGOC	Payload Ground Operations Contract
PHSF	Payload Hazardous Servicing Facility
PIP	Payload Integration Plan
PIRN	Preliminary Interface Revision Notice
PIT	Payload Integration Tool
PLAK	Payload Late Access Kit
PLAP	Payload Late Access Platform
PLB	Payload Bay
PLRPC	Programmable Load Remote Power Controller
PLS	Primary Landing Site
PMR	Program Management Review
POCC	Payload Operation Control Center
POCS	Photo Optical Control System
POP	Program Operating Plan
PORR	Payload Operations Readiness Review
POST	Payload Ops Support Team
PPCU	Partial Payload Checkout Unit
PPF	Payload Processing Facility
PPS	Post-Production Support
PR	Problem Report
PRACA	Problem Reporting and Corrective Action
PRCU	Payload Rack Checkout Unit
PRD	Payload Requirements Document
PRR	Payload Readiness Review Preliminary Requirements Review
PSP	Payload Support Plan
PTCR	Pad Terminal Connection Room
PTCS	Payload Test and Checkout System
PTVS	Portable Test and Verification System
PV	Photovoltaic
PVRGF	Photovoltaic Radiator Grapple Fixture (?)
PWP	Portable Work Platform
QA	Quality Assurance
QM	Quality Manual
QMS	Quality Management Systems
R&D	Research and Development
RAB	Registrar Accreditation Board

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RAS	Re-Radiating Antenna System
RCM	Reliability Centered Maintenance
RCN	Requirements Change Notice
RF	Radio Frequency
RFA	Radio Frequency Authorization
RFI	Radio Frequency Interference
RFP	Request for Proposal
RLV	Reusable Launch Vehicle
RMDP	Return Manifest Dispositioning Plan
RMRS	Repeatable Maintenance Recall System
RMS	Remote Manipulator System
ROM	Rough Order of Magnitude
RP1	Rocket Propellant #1
RPIT	Reinvention Process Integration Team
RSP	Resupply Stowage Platform
RSR	Resupply Stowage Rack
RSS	Rotating Service Structure
RTD	Resistance Temperature Device
RTG	Radioisotope Thermal Generator
RTGF	Radioisotope Thermal Generator Facility
S&MA	Safety and Mission Assurance
SA	Solar Array
SAA	System Assurance Analysis
SAEF 2	Spacecraft Assembly and Encapsulation Facility #2
SCN	Software Change Notice
SDR	Shared Data Repository
SE	Support Equipment
SEIMS	Support Equipment Inventory Management System
SERPL	Space Experiment Research and Processing Laboratory
SFA	Small Fine Arm
SFOC	Space Flight Operations Contract
SGS	Space Gateway Support
SID	Standard Interface Document
SIP	Shuttle Integration Plan
SLP	Space Lab Pallet
SLS	Secondary Landing Site
SM	Service Module
SMaRT	Schedule Management and Resource Team
SOW	Statement of Work
SPDM	Special Purpose Dexterous Manipulator
SPP	Standard Practices and Procedures Science Power Platform
SRMQA&SA	Safety, Reliability, Maintainability, Quality Assurance And Software Assurance
SRP	Standard Repair Procedure
SRU	Shop Replaceable Unit
SSP	Space Shuttle Program

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SSPF	Space Station Processing Facility
SVS	Space Vision System
TAIR	Test, Assembly and Inspection Record
TBD	To Be Determined
TCID	Test Configuration Identifier
TCMS	Test, Control and Monitor System
TCRS	Training and Certification and Record System
TCS	Thermal Control System
TDRS	Tracking Data Relay Satellite
TFL	Telemetry Format Load
TGHR	Time-critical Ground Handling Requirements
TIM	Technical Interchange Meeting
TOP	Technical Operating Procedure
TPA	Truss Processing Area
TPS	Test Preparation Sheet
TSE	Test Support Equipment
TTSS	Training, Tracking, and Scheduling System
U.S.	United States
UDMH	Unsymmetrical Dimethylhydrazine
UPS	Uninterruptible Power Supply
USA	United Space Alliance
USAF	United States Air Force
USOS	United States On-orbit Segment
UTA	Utility Transfer Assemble
VA	Vehicle Assembly
VAB	Vehicle Assembly Building
VITO	Vehicle Integration Test Office
VPF	Vertical Processing Facility
VPN	Virtual Private Network
VPP	Voluntary Protection Program
VVG	Visitors Viewing Gallery
WAD	Work Authorization Document
WBS	Work Breakdown Structure
WG	Working Group
WVS	Wireless Video System
WYE	Work Year Equivalent
ZSR	Zero-g Stowage Rack