

SEA LAUNCH®

User's Guide

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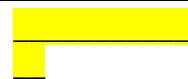
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ABBREVIATIONS AND ACRONYMS

| | |
|-------|--|
| ACS | assembly and command ship |
| ADRN | Advance Document Revision Notice |
| AST | U.S. Department of Transportation, Office of the Associate Administrator for Commercial Space Transportation |
| BCSC | Boeing Commercial Space Company |
| BR9DM | Zenit-3SL telemetry system |
| C_3 | velocity squared at infinity |
| CAD | computer aided drawing |
| CCAM | contamination and collision avoidance maneuver |
| CCTV | closed-circuit television |
| CDR | critical design review |
| CG | center of gravity |
| CIS | Commonwealth of Independent States |
| CLA | coupled loads analysis |
| CPSP | customer prelaunch safety package |
| DBTM | Design Bureau of Transport Machinery |
| EDC | effective date of contract |
| EGSE | electrical ground support equipment |
| EMC | electromagnetic compatibility |
| EMI | electromagnetic interference |
| EPTME | encapsulated payload transportation mechanical equipment |
| FAA | Federal Aviation Administration |
| FMH | free molecular heating |
| FPR | flight performance reserve |
| GEO | geosynchronous Earth orbit |
| GORR | ground operations readiness review |
| GOWG | ground operations working group |
| GSE | ground support equipment |
| GTO | geosynchronous transfer orbit |
| h_a | height of apogee |
| h_p | height of perigee |
| HP | Home Port |
| IC | instrument compartment |
| ICD | interface control document |
| I/F | interface |
| ILV | integrated launch vehicle |
| IPT | integrated product team |
| IRD | interface requirements document |
| IS | interface skirt |
| ISPS | interface skirt and payload structure |
| ITRR | ILV transfer readiness review |

| | |
|--------|---|
| KNSG | (automated countdown validation) |
| K.O. | kickoff |
| LAN | local area network |
| LCC | launch control center |
| LEO | low earth orbit |
| LOX | liquid oxygen |
| LP | launch platform |
| LRR | launch readiness review |
| LSA | Launch Services Agreement |
| LSE | launch support equipment |
| LV | launch vehicle |
| MD | Mission Director |
| MEM | mission equipment manager |
| MRR | mission readiness review |
| NASA | National Aeronautics and Space Administration |
| NDBC | national data buoy center |
| NRZL | non-return to zero level |
| OASPL | overall sound pressure level |
| OSHA | Occupational Safety and Health Administration |
| PBX | private branch exchange |
| PCM | pulse control modulated |
| PLA | payload accommodations |
| PDR | preliminary design review |
| PLF | payload fairing |
| PLS | payload structure |
| PLU | payload unit |
| PPF | payload processing facility |
| PS | payload structure |
| PSM | process safety management |
| RF | radio frequency |
| RH | relative humidity |
| RMP | risk management plan |
| RR | readiness review |
| SBA | strongback assembly |
| SC | spacecraft |
| SCA | spacecraft adapter |
| SCC | spacecraft contractor |
| SCR | Spacecraft Control Room |
| SCRFSS | Spacecraft Radio Frequency Support System |
| SL | Sea Launch |
| SLS | Sea Launch System |
| STA | station |
| TDRSS | Tracking Data Relay Satellite System |

| | |
|-----|-------------------------------|
| TIM | technical interchange meeting |
| TM | telemetry |
| VTC | video teleconferencing |
| WX | weather |