NASA SUITS Acronym List

This list of acronyms and abbreviations is designed to assist teams by providing a quick reference guide to common shorthand terminology used throughout this challenge.

- SUITS: Spacesuit User Interface Technologies for Students
- EHP: Extravehicular Activity and Human Surface Mobility Program
- TSS: Telemetry Stream Server
- PR: Pressurized Rover
  - Rover and Pressurized Rover are both used to mean the vehicle in the DUST simulator for this challenge
- EVA: Extravehicular Activity
  - EV usually describes the astronaut(s) performing the EVA
- RSSI: Received Signal Strength Indicator
- HMD: Head Mounted Displays
- LTV: Lunar Terrain Vehicle
- AIA: Artificial Intelligence Assistant
- UIA: Umbilical Interface Assembly
  - A component used at the beginning of an EVA to transfer power and fluids to the suit
- EMU: Extravehicular Mobility Unit
- IMU: Inertial Measurement Unit
- DCU: Display and control unit
- ERM: Exit Recovery Mode
- POI: Point of Interest
- DUST: Digital Lunar Exploration Sites Unreal Simulation Tool
  - Software developed by NASA in Unreal engine to simulate a lunar environment
- LTV Task Board Acronyms/Abbreviations:
  - NAV: Navigation
  - ANAV: Autonomous Navigation
  - ASITS: Autonomous Systems Indicators Toggle Switch
  - RTH: Return to Home
  - ACA: Autonomy Confidence Adjustment
  - PRI: Primary
  - SEC: Secondary
  - RIL: Reaction Indicator Light
  - POPS: Power Override Panel for Subsystems