

Part Tracking

How TRT tracks our parts

- [6/27 ERP meeting](#)

6/27 ERP meeting

Part naming, \$ represents incrementing digit:

SRAD General: YR_0\$\$\$\$_A

COTS General: COTS_0\$\$\$\$

SRAD Team General: YR_10\$\$\$\$_A

COTS Team General: COTS_10\$\$\$\$

SRAD Team: YR_123\$\$\$_A

COTS Team: COTS_123\$\$\$

YR is next year starting June 28th of each year, so June 29th, 2026 is 27.

Current Problems:

- Items get lost/are never purchased/never made
- Every part is currently just held in people's minds, nothing written down
- Hard to communicate which part you are talking about
- No standardized part names
- Always running out of inventory of certain parts

Inventory System Goals:

- Assign a unique number to every single part
- Communicate information about that part in the part number
- Be able to compare a BOM to an inventory list, and place orders as needed
- Make it easier to manufacturing to track parts
- (Ideally): make it easier to find components in cypress (attached to room re-organization)

Information we want to communicate:

- Year
- Project

- Assembly Level (rocket level)
- Subassembly Level
- Part
- Revision

26_000000_A

0 - Reserved for general stuff/layouts/non parts

Project

- 0 - General/team organization
- 1 - Comp team
- 2 - Liquids
- 3 - Two stage/Spaceshot
- 4 - Certs
- 9 - COTS

Assembly

- Individual Rockets
 - Note for certs: This assembly level is for rocket types

Subassembly

- Subassemblies in rockets

Part

- Number for the parts