# Preliminary Draft PIF Test Cases -- 11 December 2017

# Simple Exchange

1. Goal: Exercise basic format exchanges
2. Validation: Schema level only
3. Uses: Limited, agreed upon set of items like COMMS Start/End type events

# Trajectory and Key Items

1. Goal: Produce selected key events based in relation to real world trajectories
2. Validation:
   1. Schema
   2. Check vs agency existing tools
   3. Round-Trip: Agency A Native 🡪 CCSDS 🡪 Agency B 🡪 Agency B Native 🡪 CCSDS 🡪 Agency A 🡪 Agency A Native
3. Uses:
   1. Agreed upon common event items like ElevationAscending/Descending, LightTime information, Comms Start/End. (Needs to be further checked)
   2. Event List Only

# Associations

1. Goal: Generate “correct” intervals based on associations meta data
2. Validation:
   1. Schema
   2. Check vs agency existing tools
   3. Round-Trip: ? (not sure this can really happen)
3. Uses
   1. As full as possible event list
   2. Associations meta data
      1. Associations to use needs further work/to be stated.