GATES
Configuration

GATES

subsystems
- Arinc (arinc429) Avionics data bus
- Calculated (calculated) Calculated and simulated signals
- DTS (dts) Temperature measurements
  - DTS1124
  - DTS1125
  - DTS1126
  - DTS1127
- FCS (modbus-ethernet) Facility Control System
- IDDS (iDDS) Mandatory for iDDS to work
- IDDSnode (iDDSnode) iDDS devices
  - MDS
    - nxCollector
      - 18:1-2000:r
        18:3001-10000:r
        19:2001-2300:r
        20:2301-2600:r
        21:2601-2900:r
      - CL_Enable
  - UEI
    - IOM-225593 (standard)
    - IOM-225763 (rugged)
    - IOM-226128 (rugged)
- PBS (pbs) Pressure measurements
  - PBS21270
  - PBS21271

channels
- Calculated:
  - DAS and RTE mandatory channels
  - GID 6001 - 6200
- DTS
  - Facility
- FCS
  - Facility (Alex updating ICL)
- IDDSnode
  - Facility
- PBS
  - Facility

transient-logs

bpts
- Demo_Log

polynomials
- Random
- RTD thermouple

GID convention V3

PBS	1	1000
DTS	1001	2000
FCS	2001	3000
Arinc	3001	6000
Calculated	6001	10000
iDDS Cube1	10001	10500
iDDS Cube2	10501	11000
iDDS Cube3	11001	11500

CF6-80C2

CFM56-7B

CFM56-5B

Variant (×6)

Test (×3)

ATP_Calibration

subsystems

channels

transient-logs

bpts

polynomials

MDS (×2)

Demo_Calculations

subsystems

channels
- Math equations
- Demo alarms limits actions
- Counters
- Lookup
- GID 6201-6800

transient-logs

bpts
- Demo

polynomials
- Demo

Cube

subsystems

channels
- Cube Standard/Cube 1
  - 1 Channel (not working)
- Rugged Cube 1/Cube2
  - import config RobS from MSIL
- Rugged Cube 2/Cube3
  - import config RobS from MSIL
- Channel naming convention to be provided by MarkJ Earl

transient-logs

bpts

polynomials

DTS

subsystems

channels
- All channels/ports/pinout defined

transient-logs

bpts

polynomials

PBS

subsystems

channels
- All channels/ports/pinout defined

transient-logs

bpts

polynomials

Arinc Simulator

subsystems

channels
- Channels loopback simulator
  - Quantity TBD
  - Cable JLD

transient-logs

bpts

polynomials

FCS

subsystems

channels
- Channels from Alex R

transient-logs

bpts

polynomials