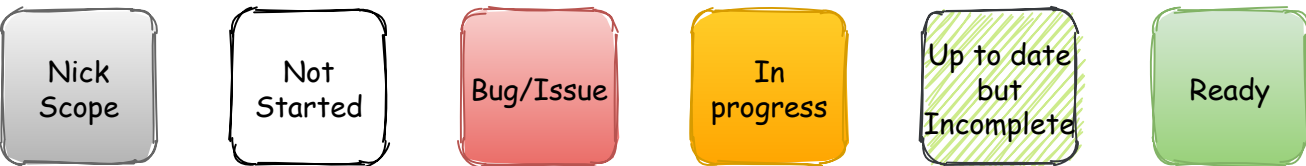


GATES Configuration



GATES (level 1)	
subsystems	<ul style="list-style-type: none">• ARINC (arinc429) Avionics data bus signals from Engine• Calculated (calculated) Calculated and simulated signals• DTS (dts) Temperature measurements from DTS4050<ul style="list-style-type: none">◦ DTS1124◦ DTS1125◦ DTS1126◦ DTS1127• FCS1 (modbus-ethernet) Facility Control System<ul style="list-style-type: none">◦ Input Float Bool - Output Float• FCS2 (modbus-ethernet) Facility Control System<ul style="list-style-type: none">◦ Output Bool• iDDS (iDDS) Mandatory for iDDS to work• iDDNode (iDDNode) iDDS devices<ul style="list-style-type: none">◦ MDS<ul style="list-style-type: none">▪ nxCollector<ul style="list-style-type: none">■ 18:1-10000:r■ 19:10001-10500:r■ 20:10501-11000:r■ 21:11001-11500:r■ CL_Enable◦ UET<ul style="list-style-type: none">▪ IOM-225593 (standard)▪ IOM-225763 (rugged)▪ IOM-226128 (rugged)• PBS (pbs) Pressure measurements from Model 9216<ul style="list-style-type: none">◦ PBS21270◦ PBS21271• Throttle (modbus-ethernet) Throttle Mark3 signals• Vibration (nvib) Vibration and balancing signals from PBS-4100R+
channels	<ul style="list-style-type: none">• Calculated:<ul style="list-style-type: none">◦ DAS and RTE mandatory channels<ul style="list-style-type: none">▪ Alarms Buzz Ack▪ Fullset Status▪ CL▪ Num Fullset Log▪ Flip Clock▪ PBS DTS Triggers▪ PBS Purge▪ DAS runtime▪ Fullset Log CR SW◦ GID 6001 - 6200• FCS<ul style="list-style-type: none">◦ To be moved from level 5 to level 1◦ Testing in progress• iDDNode<ul style="list-style-type: none">◦ (3) Fuel Flow◦ Fuel In Pressure◦ Starter Air Pressure◦ PAHB◦ Rel Hum◦ (9) Inlet Temperature◦ Fuel Temperature
transient-logs	<ul style="list-style-type: none">• Demo_Log
bpts	<ul style="list-style-type: none">• (36) RTD thermocouple conversion tables
polynomials	

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

eus
<ul style="list-style-type: none">• Cleanup Merge Aleks to V12 => V13• Tested V13 Ok R4R

tests
<ul style="list-style-type: none">• ATP_Calibration_01<ul style="list-style-type: none">◦ Cannot create new test - BUG reported to MSK

ATP_Calibration (level 2)	
subsystems	
channels	<ul style="list-style-type: none">• All Math_Channels
transient-logs	<ul style="list-style-type: none">• Demo_Log_001Hz to _200Hz<ul style="list-style-type: none">◦ all log from 1Hz to 200Hz
bpts	<ul style="list-style-type: none">• Demo BPT for demo calculations• Demo BPT for RTD Overlays
polynomials	<ul style="list-style-type: none">• Demo BPT for demo calculations• Demo BPT for RTD Overlays

CFM56-5B (level 2)

CFM56-7B (level 2)

CF6-80C2 (level 2)

Variant (level 3)

Variant (level 3)

Variant (level 3)

Variant (level 4)

Variant (level 4)

Variant (level 4)

Test (level 5)

Test (level 5)

Test (level 5)

On-Site (level 4)

In-House (level 4)

