Replay Signals With Original and Extended Replay Formats

			Extended		Original
			w/EGT	w/o EGT	w/o EGT
1	Base_PW	Base fuel pulse width (does not include transient fuel)		X	X
2	Desired Boost	Desired boost when PWM control		X	X
3	TOT	Transmission Oil Temperature (F^0)		X	X
4	Turbo_rpm	Turbo Shaft speed		X	X
1	EGT 1,2	Exhaust Gas Temperature, cylinders 1 & 2 (optional feature)	X		
2	EGT 3,4	Exhaust Gas Temperature, cylinders 3 & 4 (optional feature)	X		
3	EGT 5,6	Exhaust Gas Temperature, cylinders 5 & 6 (optional feature)	X		
4	EGT 7,8	Exhaust Gas Temperature, cylinders 7 & 8 (optional feature)	X		
1	Accelerometer	Accelerometer (with optional DAE system)	X	X	**X or oil P**
2	Act_IACPos	Idle Air Speed Control - motor position. Closed loop control. 180 counts total. 90 counts means 1/2 open. Zero (0) means closed	X	X	X
3	ActGear	Transmission gear	X	X	X
4	AD 2	Spare	X	X	
5	AD 1	Spare	X	X	
6	Air_Corr	Fuel correction for air temp. Shown as a percent (%)	X	X	X
7	Air_Temp	Inlet Air Temperature	X	X	X
8	ATM_Corr	Atmospheric correction. Barometric compensation (optional feature)	X		X
9	Boost	Boost pressure	X	X	X
10	Cam Crk Adv	Number of degrees the cam pulse occurs before next crank pulse	X	X	COP 4-1-09
11	CAM Sync Error	Camshaft sync error. Shows when Cam signal occuring at the same time as the crankshaft signal	X	X	X
12	Clt_Temp	Engine coolant temperature	X		X
13	dMAP Corr	Delta MAP correction applied as a percentage (%)	X	X	X
14	ECM Valid	Tells if O2 sensor is working correctly. If on, the sensor is OK, if not it's bad	X	X	X
15	Engine Acceleration	Engine speed shown in degrees per second	X	X	
16	Fuel Pressure	Fuel pressure. Assumes fuel pressure sensor being used (with optional DAE system)	X	X	X
17	Fuel_Flow	Calculated flow rate @45 psi	X	X	X
18	Gross_PW	Gross injector pluse width	X	X	X
19	Inj Bank 2	Shows when second bank of injectors turns on (for optional 16 or 24 injector systems)	X	X	X
20	L_RiOhms	Left WBO2 sensor heater value. Want to see 80 starts at 255	X	X	X
21	L_UEGO_AF	Right side WBO2 sensor air fuel ratio	X	X	X
22	LO2_Corr	Left WBO2 sensor correction. Fuel (adding or taking fuel out) correction as a percentage (%)	X	X	
23	LP_DC	Line Pressure duty cycle	X	X	
24	MAP	Manifold Absolute Pressure	X	X	X
25	Misfire	Mis-fire dectection (shows where Traction Control is active)	X	X	X
26	Misfire Cnt	Counts the number of ignition misfire during traction control event	X	X	
27	MPH	Mile per Hour	X	X	
28	Oil pressure	This input can be used for oil pressure or an accelerometer (with optional DAE system)	X	X	**X or Accel**
29	Pan_Vac	Engine oil pan vacuum (with optional DAE system)	X	X	X
30	Pct_DC	Injector Duty Cycle percent (%)	X	X	X
31	Proj DS RPM	Desired drive shaft speed or RPM	X	X	
32	R_RiOhms	Right WBO2 sensor heater value. Want to see 80 starts at 255	X	X	X
33	R_UEGO_AF	Right side WBO2 sensor air fuel ratio	X	X	X
34	RO2_Corr	Right WBO2 sensor correction. Fuel (adding or taking fuel out) correction as a percentage (%)	X	X	X
35	rpm	Engine RPM	X	X	X
36	Scald_RPM	Scaled to resolution of RPM matrix	X	X	X
37	Scld_Load	Scaled to resolution of Load matrix	X	X	X
38	Spark_Adv	Spark timing	X	X	X
39	Stage (Boost)	Indicates the active boost stage	X	X	X
40	TCC_DC	Torque converter clutch duty cycle	X	X	X
41	TCC_Slip	Torque converter slip	X	X	X
42	Timer_Enable	When events start, e.g. traction control, boost stage, etc.	X	X	X
43	TISS_rpm	Transmission input Shaft Speed (with optional DAE system)	X	X	X
44	Torq Rd Stage	Torque reduction stage	X	X	
45	TOSS_rpm	Transmission Output Shaft Speed (with optional DAE system)	X	X	X
46	TPS_Pct	Throttle position shown as a percent (%)	X	X	X
47	Turbo_Back_Pressure	Exhaust side back pressure in psi (with optional DAE system)	X	X	X
	Turbo_rpm	Turbo shaft speed	X	X	X
48	TwoStep_high	Indicates when two step high (three step) is active	X	X	X
49	TwoStep_low	Indicates when two step low is active	X	X	X
50	Vbatt	Battery Voltage	X	X	X
51	WasteGate_DC	Duty cycle of PWM valve(s) used for boost control	X	X	X

Yellow's cells designate signals that are outputted to the RacePak data logger with the BigStuff3 CAN**VNET** option