

7 (msb)	128	Lean Protect	Boolean
0 (lsb)	0	Oil Press Protect	Boolean
1	2	2 Step Fuel	Boolean
2	4	2 Step Spark	Boolean
3	8	Sync State	Boolean
4	16	A/C On	Boolean
5	32	BoostCut	Boolean
6	64	----	Boolean
7 (msb)	128	----	Boolean

0 = false, 1 = true	0	0/1
0 = false, 1 = true	0	0/1
0 = false, 1 = true	0	0/1
0 = false, 1 = true	0	0/1
0 = false, 1 = true	0	0/1
0 = false, 1 = true	0	0/1
0 = false, 1 = true	0	0/1
----	----	----
----	----	----

<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==

Message ID: 0x01FOA005
Sources: Infinity EMS (30-71XX) V96.1 and Later
20ms continuous (50hz)

Byte	Bit	Bitmask	Label	Data Type
0-1			LaunchRampTime [ms]	16 bit unsigned
2-3			MassAirflow [gms/s]	16 bit unsigned
4-5			MassAirflow [gms/rev]	16 bit unsigned
6			Clutch Pressure	8 bit unsigned
7	0 (lsb)	0	Brake Sw	Boolean
	1	2	Clutch Sw	Boolean
	2	4	Shift Sw	Boolean
	3	8	Staged Sw	Boolean
	4	16	----	Boolean
	5	32	----	Boolean
	6	64	----	Boolean
7 (msb)	128	----	Boolean	

SI Units (C / kPa / kph / Lambda)		
Scaling	Offset	Range
10 mS/bit	0	0 to 655,350 mS
.05 [gms/s] / bit	0	0 to 3,276.75 gms/s
.0005 [gms/rev] / bit	0	0 to 32.7675 gms/rev
5 PSig/bit	0	0 to 1275 PSig
0 = false, 1 = true	0	0/1
0 = false, 1 = true	0	0/1
0 = false, 1 = true	0	0/1
0 = false, 1 = true	0	0/1
----	----	----
----	----	----
----	----	----
----	----	----

US Units (F / PSI / MPH / AFR)		
Scaling	Offset	Range
<==	<==	<==
.00661387 [lb/min]/bit	0	0 to 433.440 lb/min
.0000661387 [lb/rev]/bit	0	0 to 4.3344 lb/rev
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==

Message ID: 0x01FOA006
Sources: Infinity EMS (30-71XX) V96.1 and Later
40ms continuous (25hz)

Byte	Bit	Bitmask	Label	Data Type
0			Inj1Pulse	8 bit unsigned
1			Inj1LambdaFB	8 bit unsigned
2			PrimaryInjDuty [%]	8 bit unsigned
3			Mode Sw	8 bit unsigned
4			Water Pressure	8 bit unsigned
5			Crankcase Pressure	8 bit unsigned
6-7			Est Torque	16 bit unsigned

SI Units (C / kPa / kph / Lambda)		
Scaling	Offset	Range
0.1 mS/bit	0	0 to 25.5 mS
0.5 %/bit	-64.00	-64 to 63.5 %
0.392157 %/bit	0	0 to 100 %
1 /bit	0	0 - 255
0.580151 PSig/bit	0	0 to 147.939 PSig
1 kPa/bit	0	0 to 255 kPa
0.1 Nm/bit	-3276.8	-3276.8 to 3276.7

US Units (F / PSI / MPH / AFR)		
Scaling	Offset	Range
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
0.14504 PSI/bit	-14.696	-14.696 to 22.289 PSig
0.0737562 ft-lbs/bit	0	+/- 2416.77 ft-lbs

Message ID: 0x01FOA007
Sources: Infinity EMS (30-71XX) V96.1 and Later
40ms continuous (25hz)

Byte	Bit	Bitmask	Label	Data Type
0			InjectorProbability [%]	8 bit unsigned
1			SparkProbability [%]	8 bit unsigned
2			LambdaTrim_Knock	8 bit unsigned
3			Baro Press	8 bit unsigned
4			FlexContent	8 bit unsigned
5			Airbox Temp	8 bit unsigned
6			Oil Temp	8 bit unsigned
7	0 (lsb)	0	LaunchTimerArmed	Boolean
	1	2	Logging Active	Boolean
	2	4		
	3	8	ModeSelect_IGN	2 bit unsigned
	4	16	ModeSelect_Lambda	2 bit unsigned
	5	32		
	6	64	ModeSelect_DBW	1 bit unsigned
7 (msb)	128		VTEC	Boolean

SI Units (C / kPa / kph / Lambda)		
Scaling	Offset	Range
0.392157 %/bit	0	0 to 100 %
0.392157 %/bit	0	0 to 100 %
0.001 Lambda/bit	0	0 to 0.255 Lambda
0.25 kPa/bit	50	50 to 113.75 kPa
0.392157 %/bit	0	0 to 100 %
1 Deg C/bit	-50.00	-50 to 205 C
1 Deg C/bit	-50.00	-50 to 205 C
0 = false, 1 = true	0	0/1
0 = false, 1 = true	0	0/1
####00## = Mode 1, ####01## = Mode 2		
####10## = Mode 3, ####11## = Mode 4		
##00#### = Mode 1, ##01#### = Mode 2		
##10#### = Mode 3, ##11#### = Mode 4		
#0##### = Mode 1, #1##### = Mode 2		
0 = false, 1 = true	0	0/1

US Units (F / PSI / MPH / AFR)		
Scaling	Offset	Range
<==	<==	<==
<==	<==	<==
<==	<==	<==
0.01465 AFR/bit	0	0 to 3.73575 AFR
0.073825 inHg/bit	14.76	14.76 to 33.5903 inHg
<==	<==	<==
1.8 Deg F/bit	-58	-58 to 401 F
1.8 Deg F/bit	-58	-58 to 401 F
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==

Message ID: 0x01FOA008
Sources: Infinity EMS (30-71XX) V96.1 and Later
200ms continuous (5hz)

Byte	Bit	Bitmask	Label	Data Type
0			Trans Temp	8 bit unsigned
1-2			SparkCut [RPM]	16 bit unsigned
3-4			FuelCut [RPM]	16 bit unsigned
5			2StepTargetFuel [RPM]	8 bit unsigned
6			2StepTargetSpark [RPM]	8 bit unsigned
7	0 (lsb)	0	ErrorThrottle	Boolean
	1	2	ErrorCoolantTemp	Boolean
	2	4	ErrorFuelPressure	Boolean
	3	8	ErrorOilPressure	Boolean
	4	16	ErrorEBP	Boolean
	5	32	ErrorMAP	Boolean
	6	64	ErrorAirTemp	Boolean
7 (msb)	128		ErrorBaro	Boolean

SI Units (C / kPa / kph / Lambda)		
Scaling	Offset	Range
1 Deg C/bit	-50.00	-50 to 205 C
0.39063 rpm/bit	0	0 to 25,599.94 RPM
0.39063 rpm/bit	0	0 to 25,599.94 RPM
100 rpm/bit	0	0 to 25,500 RPM
100 rpm/bit	0	0 to 25,500 RPM
0 = false, 1 = true	0	0/1
0 = false, 1 = true	0	0/1
0 = false, 1 = true	0	0/1
0 = false, 1 = true	0	0/1
0 = false, 1 = true	0	0/1
0 = false, 1 = true	0	0/1
0 = false, 1 = true	0	0/1
0 = false, 1 = true	0	0/1

US Units (F / PSI / MPH / AFR)		
Scaling	Offset	Range
1.8 Deg F/bit	-58	-58 to 401 F
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==
<==	<==	<==

Message ID: 0x01FOA00A
Sources: Infinity EMS (30-71XX) V96.1 and Later, with VVTi control enabled
40ms continuous (25hz)

SI Units (C / kPa / kph / Lambda)		
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US Units (F / PSI / MPH / AFR)		
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6-7			NRWheelSpeed	16 bit unsigned	0.02 kph/bit	0	0 to 1310.7 km/h	0.0124274 mph/bit	0	0 to 814.431 MPH
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Message ID: 0x01F0A012

Sources: Infinity EMS (30-71XX) V96.1 and Later, with Traction control enabled

20ms continuous (50hz)

Byte	Bit	Bitmask	Label	Data Type	SI Units (C / kPa / kph / Lambda)			US Units (F / PSI / MPH / AFR)		
					Scaling	Offset	Range	Scaling	Offset	Range
0-1			TC_SlipTarget	16 bit unsigned	0.02 kph/bit	0	0 to 1310.7 km/h	0.0124274 mph/bit	0	0 to 814.431 MPH
2-3			TC_SlipMeasured	16 bit unsigned	0.02 kph/bit	0	0 to 1310.7 km/h	0.0124274 mph/bit	0	0 to 814.431 MPH
4-5			TC_TqReduceReq	16 bit unsigned	0.25/bit	0	0 to 16,383.75	<==	<==	<==
6			----	----	----	----	----	----	----	----
7			----	----	----	----	----	----	----	----

Message ID: 0x01F0A020

Sources: Infinity EMS (30-71XX) V96.1 and Later, with Knock control enabled

20ms continuous (50hz)

Byte	Bit	Bitmask	Label	Data Type	SI Units (C / kPa / kph / Lambda)			US Units (F / PSI / MPH / AFR)		
					Scaling	Offset	Range	Scaling	Offset	Range
0			KnockFB_Cyl1	8 bit unsigned	- 0.1 degree/bit	0	0 to -25.5 deg	<==	<==	<==
1			KnockFB_Cyl2	8 bit unsigned	- 0.1 degree/bit	0	0 to -25.5 deg	<==	<==	<==
2			KnockFB_Cyl3	8 bit unsigned	- 0.1 degree/bit	0	0 to -25.5 deg	<==	<==	<==
3			KnockFB_Cyl4	8 bit unsigned	- 0.1 degree/bit	0	0 to -25.5 deg	<==	<==	<==
4			KnockFB_Cyl5	8 bit unsigned	- 0.1 degree/bit	0	0 to -25.5 deg	<==	<==	<==
5			KnockFB_Cyl6	8 bit unsigned	- 0.1 degree/bit	0	0 to -25.5 deg	<==	<==	<==
6			KnockFB_Cyl7	8 bit unsigned	- 0.1 degree/bit	0	0 to -25.5 deg	<==	<==	<==
7			KnockFB_Cyl8	8 bit unsigned	- 0.1 degree/bit	0	0 to -25.5 deg	<==	<==	<==

Message ID: 0x01F0A021

Sources: Infinity EMS (30-71XX) V96.1 and Later, with Extended Knock control enabled

20ms continuous (50hz)

Byte	Bit	Bitmask	Label	Data Type	SI Units (C / kPa / kph / Lambda)			US Units (F / PSI / MPH / AFR)		
					Scaling	Offset	Range	Scaling	Offset	Range
0			KnockFB_Cyl9	8 bit unsigned	- 0.1 degree/bit	0	0 to -25.5 deg	<==	<==	<==
1			KnockFB_Cyl10	8 bit unsigned	- 0.1 degree/bit	0	0 to -25.5 deg	<==	<==	<==
2			----	----	----	----	----	----	----	----
3			----	----	----	----	----	----	----	----
4			----	----	----	----	----	----	----	----
5			----	----	----	----	----	----	----	----
6			----	----	----	----	----	----	----	----
7			----	----	----	----	----	----	----	----

Message ID: 0x0000001F

Sources: AEM 4 Channel UEGO (P/N 30-2340) set on MODE 1

30-2340N is the same except 11 bit messages headers and at 1 mBit/sec bus speed

10ms continuous (100hz)

Byte	Bit	Bitmask	Label	Data Type	SI Units (C / kPa / kph / Lambda)			US Units (F / PSI / MPH / AFR)		
					Scaling	Offset	Range	Scaling	Offset	Range
0-1			Lambda 1	16 bit unsigned	.0001 Lambda/bit	0	0 to 6.5535 Lambda	.001465 AFR/bit	0	0 to 96.0088 AFR
2-3			Lambda 2	16 bit unsigned	.0001 Lambda/bit	0	0 to 6.5535 Lambda	.001465 AFR/bit	0	0 to 96.0088 AFR
4-5			Lambda 3	16 bit unsigned	.0001 Lambda/bit	0	0 to 6.5535 Lambda	.001465 AFR/bit	0	0 to 96.0088 AFR
6-7			Lambda 4	16 bit unsigned	.0001 Lambda/bit	0	0 to 6.5535 Lambda	.001465 AFR/bit	0	0 to 96.0088 AFR

Message ID: 0x00000020

Sources: AEM 4 Channel UEGO (P/N 30-2340) set on MODE 2

30-2340N is the same except 11 bit messages headers and at 1 mBit/sec bus speed

10ms continuous (100hz)

Byte	Bit	Bitmask	Label	Data Type	SI Units (C / kPa / kph / Lambda)			US Units (F / PSI / MPH / AFR)		
					Scaling	Offset	Range	Scaling	Offset	Range
0-1			Lambda 5	16 bit unsigned	.0001 Lambda/bit	0	0 to 6.5535 Lambda	.001465 AFR/bit	0	0 to 96.0088 AFR
2-3			Lambda 6	16 bit unsigned	.0001 Lambda/bit	0	0 to 6.5535 Lambda	.001465 AFR/bit	0	0 to 96.0088 AFR
4-5			Lambda 7	16 bit unsigned	.0001 Lambda/bit	0	0 to 6.5535 Lambda	.001465 AFR/bit	0	0 to 96.0088 AFR
6-7			Lambda 8	16 bit unsigned	.0001 Lambda/bit	0	0 to 6.5535 Lambda	.001465 AFR/bit	0	0 to 96.0088 AFR

Message ID: 0x00000021

Sources: AEM 4 Channel UEGO (P/N 30-2340) set on MODE 3

30-2340N is the same except 11 bit messages headers and at 1 mBit/sec bus speed

10ms continuous (100hz)

Byte	Bit	Bitmask	Label	Data Type	SI Units (C / kPa / kph / Lambda)			US Units (F / PSI / MPH / AFR)		
					Scaling	Offset	Range	Scaling	Offset	Range
0-1			Lambda 1	16 bit unsigned	.0001 Lambda/bit	0	0 to 6.5535 Lambda	.001465 AFR/bit	0	0 to 96.0088 AFR
2-3			Lambda 3	16 bit unsigned	.0001 Lambda/bit	0	0 to 6.5535 Lambda	.001465 AFR/bit	0	0 to 96.0088 AFR
4-5			Lambda 5	16 bit unsigned	.0001 Lambda/bit	0	0 to 6.5535 Lambda	.001465 AFR/bit	0	0 to 96.0088 AFR
6-7			Lambda 7	16 bit unsigned	.0001 Lambda/bit	0	0 to 6.5535 Lambda	.001465 AFR/bit	0	0 to 96.0088 AFR

0	0 (lsb)	0	AFR 5 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 5 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 5 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 5 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 5 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	AFR 5 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	AFR 5 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	AFR 5 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
1	0 (lsb)	0	AFR 6 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 6 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 6 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 6 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 6 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	AFR 6 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	AFR 6 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	AFR 6 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
2	0 (lsb)	0	AFR 7 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 7 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 7 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 7 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 7 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	AFR 7 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	AFR 7 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	AFR 7 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
3	0 (lsb)	0	AFR 8 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 8 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 8 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 8 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 8 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	AFR 8 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	AFR 8 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	AFR 8 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
4	0 (lsb)	0	UEGO Low Voltage Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	EBP sensor ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	EBP sensor Error Low Volt	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	EBP sensor detected	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
5	0 (lsb)	0	Reserved	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	Reserved	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	Reserved	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	Reserved	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	Sensor 8 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	Sensor 7 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	Sensor 6 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	Sensor 5 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
6-7			Exhaust Pressure 2	16 bit unsigned	0.00689476 kPag/bit	0	0 to 4,518.48 kPag	.001 psig/bit	0	0 to 655.35 psig

Message ID: 0x000001B1

Sources: AEM 4 Channel UEGO (P/N 30-2340) set on MODE 3

30-2340N is the same except 11 bit messages headers and at 1 mBit/sec bus speed

40ms continuous (25hz)

SI Units (C / kPa / kph / Lambda)

US Units (F / PSI / MPH / AFR)

Byte	Bit	Bitmask	Label	Data Type	Scaling	Offset	Range	Scaling	Offset	Range
0	0 (lsb)	0	AFR 1 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 1 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 1 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 1 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 1 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	AFR 1 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	AFR 1 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	AFR 1 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
1	0 (lsb)	0	AFR 3 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 3 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 3 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 3 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 3 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	AFR 3 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	AFR 3 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	AFR 3 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
2	0 (lsb)	0	AFR 5 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 5 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 5 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 5 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 5 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	AFR 5 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	AFR 5 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	AFR 5 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
3	0 (lsb)	0	AFR 7 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 7 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 7 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 7 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 7 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	AFR 7 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	AFR 7 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	AFR 7 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
4	0 (lsb)	0	UEGO Low Voltage Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	EBP sensor ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	EBP sensor Error Low Volt	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	EBP sensor detected	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==

4	4	16	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
	5	32	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
	6	64	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
	7 (msb)	128	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
	5	0 (lsb)	0	Reserved	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
		1	2	Reserved	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
		2	4	Reserved	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
3		8	Reserved	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
4		16	Sensor 7 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
5		32	Sensor 5 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
6		64	Sensor 3 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
7 (msb)	128	Sensor 1 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==		
6-7		Exhaust Pressure 1	16 bit unsigned	0.00689476 kPag/bit	0	0 to 4,518.48 kPag	.001 psig/bit	0	0 to 655.35 psig		

Message ID: 0x000001B2

Sources: AEM 4 Channel UEGO (P/N 30-2340) set on MODE 4

30-2340N is the same except 11 bit messages headers and at 1 mBit/sec bus speed

40ms continuous (25hz)

Byte	Bit	Bitmask	Label	Data Type	SI Units (C / kPa / kph / Lambda)			US Units (F / PSI / MPH / AFR)		
					Scaling	Offset	Range	Scaling	Offset	Range
0	0 (lsb)	0	AFR 2 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 2 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 2 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 2 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 2 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	AFR 2 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	AFR 2 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	AFR 2 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
1	0 (lsb)	0	AFR 4 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 4 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 4 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 4 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 4 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	AFR 4 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	AFR 4 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	AFR 4 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
2	0 (lsb)	0	AFR 6 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 6 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 6 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 6 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 6 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	AFR 6 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	AFR 6 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	AFR 6 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
3	0 (lsb)	0	AFR 8 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 8 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 8 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 8 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 8 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	AFR 8 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	AFR 8 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	AFR 8 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
4	0 (lsb)	0	UEGO Low Voltage Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	EBP sensor ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	EBP sensor Error Low Volt	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	EBP sensor detected	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
5	0 (lsb)	0	---	Boolean	---	---	---	---	---	---
	1	2	---	Boolean	---	---	---	---	---	---
	2	4	---	Boolean	---	---	---	---	---	---
	3	8	---	Boolean	---	---	---	---	---	---
	4	16	Sensor 8 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	Sensor 6 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	Sensor 4 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	Sensor 2 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
6-7		Exhaust Pressure 2	16 bit unsigned	0.00689476 kPag/bit	0	0 to 4,518.48 kPag	.001 psig/bit	0	0 to 655.35 psig	

Message ID: 0x000001B3

Sources: AEM 4 Channel UEGO (P/N 30-2340) set on MODE 5

30-2340N is the same except 11 bit messages headers and at 1 mBit/sec bus speed

40ms continuous (25hz)

Byte	Bit	Bitmask	Label	Data Type	SI Units (C / kPa / kph / Lambda)			US Units (F / PSI / MPH / AFR)		
					Scaling	Offset	Range	Scaling	Offset	Range
0	0 (lsb)	0	AFR 9 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 9 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 9 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 9 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 9 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	AFR 9 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	AFR 9 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	AFR 9 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
1	0 (lsb)	0	AFR 10 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 10 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 10 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 10 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 10 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
5	32	AFR 10 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	

2	6	64	AFR 10 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	7 (msb)	128	AFR 10 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	0 (lsb)	0	AFR 11 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 11 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 11 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 11 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 11 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
3	5	32	AFR 11 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	AFR 11 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	7 (msb)	128	AFR 11 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	0 (lsb)	0	AFR 12 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 12 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 12 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 12 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
4	4	16	AFR 12 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	AFR 12 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	AFR 12 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	7 (msb)	128	AFR 12 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	0 (lsb)	0	UEGO Low Voltage Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	EBP sensor ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	EBP sensor Error Low Volt	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
5	3	8	EBP sensor detected	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	7 (msb)	128	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	0 (lsb)	0	---	Boolean	---	---	---	---	---	---
	1	2	---	Boolean	---	---	---	---	---	---
6-7	2	4	---	Boolean	---	---	---	---	---	---
	3	8	---	Boolean	---	---	---	---	---	---
	4	16	Sensor 12 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	Sensor 11 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	Sensor 10 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	7 (msb)	128	Sensor 9 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6-7		Exhaust Pressure 2	16 bit unsigned	0.00689476 kPag/bit	0	0 to 4,518.48 kPag	.001 psig/bit	0	0 to 655.35 psig

Message ID: 0x00001B4

Sources: AEM 4 Channel UEGO (P/N 30-2340) set on MODE 6

30-2340N is the same except 11 bit messages headers and at 1 mBit/sec bus speed

40ms continuous (25hz)

Byte	Bit	Bitmask	Label	Data Type	SI Units (C / kPa / kph / Lambda)			US Units (F / PSI / MPH / AFR)		
					Scaling	Offset	Range	Scaling	Offset	Range
0	0 (lsb)	0	AFR 1 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 1 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 1 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 1 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 1 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	AFR 1 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	AFR 1 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
1	7 (msb)	128	AFR 1 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	0 (lsb)	0	AFR 2 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 2 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 2 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 2 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 2 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	AFR 2 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
2	6	64	AFR 2 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	7 (msb)	128	AFR 2 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	0 (lsb)	0	AFR 3 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 3 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 3 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 3 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 3 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
3	5	32	AFR 3 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	AFR 3 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	7 (msb)	128	AFR 3 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	0 (lsb)	0	---	Boolean	---	---	---	---	---	---
	1	2	---	Boolean	---	---	---	---	---	---
	2	4	---	Boolean	---	---	---	---	---	---
	3	8	---	Boolean	---	---	---	---	---	---
4	4	16	---	Boolean	---	---	---	---	---	---
	5	32	UEGO Low Voltage Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	EBP sensor ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	7 (msb)	128	EBP sensor Error Low Volt	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	0 (lsb)	0	EBP sensor detected	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
5	3	8	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	7 (msb)	128	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	0 (lsb)	0	---	Boolean	---	---	---	---	---	---
	1	2	---	Boolean	---	---	---	---	---	---
6-7	2	4	---	Boolean	---	---	---	---	---	---
	3	8	---	Boolean	---	---	---	---	---	---
	4	16	Sensor 3 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	Sensor 2 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	Sensor 1 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	7 (msb)	128	Sensor 1 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6-7		Exhaust Pressure 1	16 bit unsigned	0.00689476 kPag/bit	0	0 to 4,518.48 kPag	.001 psig/bit	0	0 to 655.35 psig

Message ID: 0x00001B5

Sources: AEM 4 Channel UEGO (P/N 30-2340) set on MODE 7

30-2340N is the same except 11 bit messages headers and at 1 mBit/sec bus speed

40ms continuous (25hz)

SI Units (C / kPa / kph / Lambda)

US Units (F / PSI / MPH / AFR)

Byte	Bit	Bitmask	Label	Data Type	Scaling	Offset	Range	Scaling	Offset	Range
0	0 (lsb)	0	AFR 4 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 4 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 4 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 4 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 4 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	AFR 4 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	AFR 4 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	AFR 4 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
1	0 (lsb)	0	AFR 5 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 5 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 5 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 5 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 5 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	AFR 5 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	AFR 5 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	AFR 5 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
2	0 (lsb)	0	AFR 6 Ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	AFR 6 Heater Open Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	AFR 6 VM Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	AFR 6 UN Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	AFR 6 IP Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	AFR 6 Heater Time-Out Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	AFR 6 Heater Short Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	AFR 6 Overtemp Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
3			---	Boolean	---	---	---	---	---	
4	0 (lsb)	0	UEGO Low Voltage Error	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	1	2	EBP sensor ready	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	2	4	EBP sensor Error Low Volt	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	3	8	EBP sensor detected	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	4	16	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	5	32	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	CAN Config Mode	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
5	0 (lsb)	0	---	Boolean	---	---	---	----	----	----
	1	2	---	Boolean	---	---	---	----	----	----
	2	4	---	Boolean	---	---	---	----	----	----
	3	8	---	Boolean	---	---	---	----	----	----
	4	16	---	Boolean	---	---	---	----	----	----
	5	32	Sensor 6 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
	6	64	Sensor 5 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==
7 (msb)	128	Sensor 4 Heating up	Boolean	0 = false, 1 = true	0	0/1	<==	<==	<==	
6-7			Exhaust Pressure 2	16 bit unsigned	.001 psig/bit	0	0 to 655.35 psig	.001 psig/bit	0	0 to 655.35 psig