PGNs	230	234	254	32613	32614	32616	32618
	VR data to RC from AGIO	section status to AOG from RC	AutoSteer Data to RC from AGIO	rate applied from arduino to RC	settings to arduino from RC	PID to arduino from RC	Switch Positions to RC from switch box
0	128	128	128	101	102	104	106
1	129	129	129	127	127	127	127
2	source	source	source	rate sensor ID low 4 bits, arduino ID high 4 bits	rate sensor ID low 4 bits, arduino ID high 4 bits	rate sensor ID low 4 bits, arduino ID high 4 bits	auto, Mstr On, Mstr Off,Rate Up, Rate Down
3	AGIO PGN 0xE6 (230)	AGIO PGN 0xEA (234)	AGIO PGN 0xFE (254)	rate applied Lo, 10 X actual	relay Lo, 0-7	Kp	sw0, sw1, sw2, sw3, sw4, sw5, sw6, sw7
4	length	length	length	rate applied Mid	relay Hi, 8-15	MinPWM	sw8, sw9, sw10, sw11, sw12, sw13, sw14, sw15
5	rate 0 Lo	Main	speed Lo - kmh X 10	rate applied Hi	rate set Lo, 10 X actual	LowMax	CRC
6	rate 0 Hi	-	speed Hi	acc. Quantity Lo, 10 X actual	rate set Mid	HighMax	
7	rate 1 Lo	-	status	acc. Quantity Mid	rate set Hi	Deadband	
8	rate 1 Hi	Number of sections	steer angle Lo	acc. Quantity Hi	flow Cal Lo	BrakePoint	
9	rate 2 Lo	On Group 0	steer angle Hi	PWM Lo	flow Cal Hi, 100 X actual	TimedAdjustment	
10	rate 2 Hi	Off Group 0	-	PWM Hi	Commands	Ki	
11	rate 3 Lo	On Group 1	Relay Lo	Status byte	power relay Lo, 0-7	Kd	
12	rate 3 Hi	Off Group 1	Relay Hi	CRC	power relay Hi, 8-15	CRC	
13	rate 4 Lo	CRC	CRC	**byte 11**	CRC		
14	rate 4 Hi			bit 0, sensor 0 connected	**byte 10**		
15	CRC			bit 1, sensor 1 connected	bit 0, reset acc. Quantity		
16					bit 1/2, control type 0-3		
					bit 3, simulate flow		
					bit 4, pulses to measure		
					bit 5, Auto On		
					bit 6, Debug On		

	32619	32620	32621	32622	32623	32624	32625	32626	32627
	Wifi section switches to arduino	Section switch IDs to arduino from RC	pressures to RC from arduino	PCB config	PCB config 2	PCB pins	Nano Config	Nano Pins	Switchbox Pins
0	107	108	109	110	111	112	113	114	115
1	127	127	127	127	127	127	127	127	127
2	Master On	sec 0, 1	arduino ID	Receiver, 0 none, 1 SimpleRTK2B, 2 Sparkfun	Minimum speed	Steer DIR	ModuleID	Flow1	Auto
3	sw0, sw1, sw2, sw3, sw4, sw5, sw6, sw7	sec 2, 3	sensor 0, Lo	NMEA serial port	Maximum speed	Steer PWM	SensorCount	Flow2	Master On
4	sw8, sw9, sw10, sw11, sw12, sw13, sw14, sw15	sec 4, 5	sensor 0, Hi	RTCM serial port	Pulse Cal X 10, Lo	Steer switch	IP address	Dir1	Master Off
5	CRC	sec 6, 7	sensor 1, Lo	RTCM UDP port #, Lo	pulse Cal X 10, HI	Wheel angle sensor	Commands	Dir2	Rate Up
6		sec 8, 9	sensor 1, Hi	RTCM UDP port #, Hi	ADS1115 WAS pin	Steer relay	CRC	PWM1	Rate Down
7		sec 10, 11	sensor 2, Lo	IMU, 0 none, 1 Sparkfun, 2 CMPS14, 3 Adafruit	RS485 port number	Work switch	**Byte 5:**	PWM2	IP address
8		sec 12, 13	sensor 2, Hi	IMU read delay	Module ID	Current sensor	UseMCP23017	Relay 1	SW0
9		sec 14,15	sensor 3, Lo	IMU report interval	Commands	Pressure sensor	Relay on signal	Relay 2	SW1
10		CRC	sensor 3, Hi	WAS zero offset, Lo	CRC	Encoder	flow on signal	Relay 3	SW2
11		ex: sec 0 is low 4 bits, sec 1 is high 4 bits of byte 2	CRC	WAS zero offset, Hi	**Byte 9:**	Rate DIR		Relay 4	SW3
12				RelayControl	bit 0, Use rate control	Rate PWM		Relay 5	SW4
13				IP address	bit 1, use ADS1115	Speed pulse		Relay 6	SW5
14				CRC	bit 2, Relay on signal	RS485 send enable		Relay 7	SW6
15					bit 3, flow on signal	CRC		Relay 8	SW7
16					bit 4, Swap pitch for roll			Relay 9	SW8
17					bit 5, Invert roll			Relay 10	SW9
18					bit 6, GyroOn			Relay 11	SW10
19					bit 7, Use Actuator			Relay 12	SW11
20								Relay 13	SW12
21								Relay 14	SW13
22								Relay 15	SW14
23								Relay 16	SW15
24								CRC	CRC