

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	
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		
11	rate 3 Lo	On Group 1	Relay Lo		byte 9		
12	rate 3 Hi	Off Group 1	Relay Hi		bit 0, reset acc. Quantity		
13	rate 4 Lo	CRC	CRC		bit 1/2, control type 0-3		
14	rate 4 Hi				bit 3, simulate flow		
15	CRC				bit 4, pulses to measure		
16					bit 5, Auto On		

	32619	32620	32621	32622	32623	32624
	Wifi section switches to arduino	Section switch IDs to arduino from RC	pressures to RC from arduino	PCB config	PCB config 2	PCB pins
0	107	108	109	110	111	112
1	127	127	127	127	127	127
2	Master On	sec 0, 1	arduino ID	Receiver, 0 none, 1 SimpleRTK2B, 2 Sparkfun	RTCM port, Lo	Steer DIR
3	sw0, sw1, sw2, sw3, sw4, sw5, sw6, sw7	sec 2, 3	sensor 0, Lo	IMU, 0 none, 1 Sparkfun, 2 CMPS14, 3 Adafruit	RTCM port, Hi	Steer PWM
4	sw8, sw9, sw10, sw11, sw12, sw13, sw14, sw15	sec 4, 5	sensor 0, Hi	IMU read delay	ADS1115 WAS pin	Steer switch
5		sec 6, 7	sensor 1, Lo	IMU report interval	Module ID	Wheel angle sensor
6		sec 8, 9	sensor 1, Hi	WAS zero offset, Lo	Power relay - always on	Steer relay
7		sec 10, 11	sensor 2, Lo	WAS zero offset, Hi	RS485 port number	Work switch
8		sec 12, 13	sensor 2, Hi	Minimum speed	Commands	Current sensor
9		sec 14,15	sensor 3, Lo	Maximum speed	Restart	Pressure sensor
10		ex: sec 0 is low 4 bits, sec 1 is high 4 bits of byte 2	sensor 3, Hi	Pulse Cal X 10, Lo	Byte 8:	Encoder
11				pulse Cal X 10, HI	bit 0, GyroOn	Rate DIR
12				Restart	bit 1, GGAlast	Rate PWM
13					bit 4, Use rate control	Speed pulse
14					bit 7, use ADS1115	RS485 send enable
15					bit 5, Relay on signal	Restart
					bit 6, flow on signal	
					bit 2, Swap pitch for roll	
					bit 3, Invert roll	