

arduino > rate controller > AOG	
<u>PGN32761 Switches</u>	
0 HeaderHi	127
1 HeaderLo	249
2 -	
3 -	
4 -	
5 SecOn Hi	8-15
6 SecOn Lo	0-7
7 SecOff Hi	
8 SecOff Lo	
9 Command	
- bit 0	auto button on
- bit 1	auto button off
- bit 2,3	rate change steps 0-3
- bit 4	0 - change left, 1 - change right
- bit 5	0 - rate down, 1 - rate up

Rate Controller	
<u>PGN35200 to Rate Controller from Arduino</u>	
0 HeaderHi	137
1 HeaderLo	128
2 rate applied Hi	100 X actual
3 rate applied Lo	100 X actual
4 acc. Quantity Hi	
5 acc. Quantity Lo	
6 error Hi	
7 error Lo	
<u>PGN35400 to Rate Controller from AOG</u>	
0 HeaderHi	138
1 HeaderLo	72
2 worked area Hi	hectares X 100
3 worked area Lo	
4 WorkingWidth Hi	100 X actual
5 WorkingWidth Lo	
6 Speed Hi	100 X actual
7 Speed Lo	
8 mdSectionControlByteHi	
9 mdSectionControlByteLo	

Arduino Module	
<u>PGN35000 to Arduino from Rate Controller</u>	
0 HeaderHi	136
1 HeaderLo	184
2 relay Hi	8-15
3 relay Lo	0-7
4 rate set Hi	100 X actual
5 rate set Lo	100 X actual
6 Flow Cal Hi	100 X actual
7 Flow Cal Lo	100 X actual
8 Command	
- bit 0	reset acc. Quantity
- bit 1,2	valve type 0-3
- bit 3	simulate flow
<u>PGN35100 to Arduino from Rate Controller</u>	
0 HeaderHi	137
1 HeaderLo	28
2 KP	10 X actual
3 KI	10000 X actual
4 KD	10 X actual
5 Deadband	% error allowed
6 MinPWM	
7 MaxPWM	