

arduino > rate controller > AOG	
<b><u>PGN32761 Switches</u></b>	
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	
<b><u>PGN32740 to Rate Controller from AOG</u></b>	
0 HeaderHi	127
1 HeaderLo	228
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	
<b><u>PGN32741 to Rate Controller from Arduino</u></b>	
0 HeaderHi	127
1 HeaderLo	229
2 rate applied Hi	100 X actual
3 rate applied Lo	
4 acc. Quantity byte 3	100 X actual
5 acc. Quantity byte 2	
6 acc. Quantity byte 1	

Arduino Module	
<b><u>PGN32742 to Arduino from Rate Controller</u></b>	
0 HeaderHi	127
1 HeaderLo	230
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
<b><u>PGN32743 to Arduino from Rate Controller</u></b>	
0 HeaderHi	127
1 HeaderLo	231
2 KP	10 X actual
3 KI	10000 X actual
4 KD	10 X actual
5 Deadband	% error allowed
6 MinPWM	
7 MaxPWM	
8 Adjustment Factor	100 X actual