

MSE Freewave Parameters

Notes

19200 8N1 no flow for setup
 flip switch to bring up menu
 38400 8N1 no flow for comms

	Buoy	Ship	Notes
Serial #	913-6793	913-6735	
Firmware Version	2.29	2.29	
Mode	0 - P2PM	1 - P2PS	
Ethernet			not used
Ethernet mode	0	0	not used
Half/Full duplex	0	0	not used
Slave IP stack	0	0	not used
Slave UDP mode	0	0	not used
IP address	255.255.255.255	255.255.255.255	not used
Baud Rate			
Baud Rate	38,400	38,400	
Data, Parity	0	0	8N1
MODBus RTU	0	0	disabled
RS232/485	0	0	RS232
Setup Port	1	1	main port only
TurnOffDelay	0	0	primarily for RS485
TurnOnDelay	0	0	primarily for RS485
Flow Control	0	0	None
Call Book	913-6735	913-6793	
Radio			
Freq key	7	7	must be the same, unique for pair
Max Packet Size	9	9	156 bytes
Min Packet Size	1	1	12 bytes
Xmit Rate	1	1	only for diagnostics
RF Data Rate	3	3	not 115.2kBaud
RF Xmit Pwr	10	10	~ 1W
Slave Security	0	0	only call book
RTS to CTS	0	0	disabled
Retry Timeout	255	255	not used
Lowpower Mode	0	0	disabled
High Noise	0	0	diagnostic, disabled
MCU Speed	0	0	default low speed
Remote LED	0	0	
Multipoint			not used
Number Repeaters	0	0	not used
Max Packet Repeat	2	2	not used
Max Slave Retry	9	9	not used
Retry Odds	9	9	not used
DTR connect	0	0	not used
Repeater freq	0	0	not used
Network ID	0255	0255	not used
MultiMaster Sync	0	0	not used
1 PPS Enable/Delay	255	255	not used
Slave / Repeater	0	0	not used
Diagnostics	0	0	not used
Subnet ID	Disabled	Disabled	not used
Radio ID	Not Set	Not Set	not used
TDMA (not installed)			not used