





Shine Micro, Inc

ST162-T3 Quick Start Directions:

1. Place the case in line of site of the AIS Receive Antenna, 25-100 feet.
2. Turn the unit on. PWR indicator will illuminate.
3. In 10 seconds AIS SEND will blink with each AIS message sent.
4. GPS LOCK blinks when battery is low.
5. The factory default sent messages are listed in the table below.

MSG	MMSI	ROT	SOG	Longitude	Latitude	COG	Heading
1	338060087	-128	current	current	current	current	511
MSG	MMSI	Ship Name	Call sign	IMO #	Type	Destination	
5	338060087	SHINE ST162 TEST SET	@@@@@	0	0	TEST0 DEST	
MSG	MMSI	ROT	SOG	Longitude	Latitude	COG	Heading
1	338060088	-128	102.3	059° 26.70' E	28° 07.74' N	360.0	511
1	338060089	-128	102.3	138° 07.08' E	35° 28.40' N	360.0	511
1	338060091	-128	102.3	087° 31.48' W	30° 07.69' N	360.0	511
1	338060092	-128	102.3	125° 22.89' W	48° 07.07' N	360.0	511
1	338060093	-128	102.3	158° 01.75' W	21° 11.15' N	360.0	511
MSG	MMSI	Ship Name	Call sign	IMO #	Type	Destination	
5	338060088	SHINE ST162 TEST1	@@@@@	0	0	TEST1 MANAMA	
5	338060089	SHINE ST162 TEST2	@@@@@	0	0	TEST2 ATSUJI	
5	338060091	SHINE ST162 TEST3	@@@@@	0	0	TEST3 CECIL	
5	338060092	SHINE ST162 TEST4	@@@@@	0	0	TEST4 COUPEVILLE	
5	338060093	SHINE ST162 TEST5	@@@@@	0	0	TEST5 BARBERS	



SHINE MICRO, INC. AIS TEST S 162

AIS EUT

GPS ANT

AIS RX ANT

Serial Data
RS-232

AIS SEND
GPS LOCK
AIS RX



RX SEND
RX SEND
OFF ON
PWR







PELICAN[®]
1200 CASE

PELICAN PRODUCTS, TORRANCE, CA USA



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2. Turn the unit on. PWR indicator will illuminate.
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5. The factory default test messages are listed in the table below.							
MSG	MMSI	ROT	SOG	Longitude	Latitude	COG	Heading
1	338060087	-128	current	current	current	current	511
MSG	MMSI	Ship Name	Call sign	IMO #	Type	Destination	
5	338060087	SHINE ST162 TEST SET	0000-0000-00	0	0	TEST TO DEST	
MSG	MMSI	ROT	SOG	Longitude	Latitude	COG	Heading
1	338060088	-128	102.3	050° 20.70' E	26° 07.74' N	360.0	511
1	338060089	-128	102.3	138° 07.08' E	35° 26.40' N	360.0	511
1	338060091	-128	102.3	081° 31.48' W	30° 07.69' N	360.0	511
1	338060092	-128	102.3	122° 22.69' W	48° 07.07' N	360.0	511
1	338060093	-128	102.3	158° 01.75' W	21° 11.15' N	360.0	511
MSG	MMSI	Ship Name	Call sign	IMO #	Type	Destination	
5	338060088	SHINE ST162 TEST1	0000-0000-00	0	0	TEST1 MANAMA	
5	338060089	SHINE ST162 TEST2	0000-0000-00	0	0	TEST2 AYRUGI	
5	338060091	SHINE ST162 TEST3	0000-0000-00	0	0	TEST3 CECIL	
5	338060092	SHINE ST162 TEST4	0000-0000-00	0	0	TEST4 COUPEVILLE	
5	338060093	SHINE ST162 TEST5	0000-0000-00	0	0	TEST5 BARBERS	



SHINE MICRO, INC.

AIS TEST SET

ST162

AIS EUT

GPS ANT

AIS RX ANT

Serial Data
RS-232

AIS SEND

GPS LOCK

AIS RX



BLUETOOTH STATUS

WARNING!

Bluetooth Antenna is
located under panel.
Do not cover.

RX

SEND

RX+SEND

OFF

ON

PWR