

## APPENDIX C

### Thrane & Thrane Sat C transceiver functional check and set up

In order to perform a quick check on the functionality of the Thrane and Thrane transceiver, follow these steps:-

- 1) Ensure that the communications software is not running.
- 2) Open hyperterminal for COM1, 4800,8,1,n
- 3) Connect to the transceiver by clicking on the appropriate icon.
- 4) Cycle power to the Thrane and Thrane . . . . .
- 5) After a few seconds the banner should appear finally terminating in a colon prompt":" on a fresh line.

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Thrane & Thrane (c), Inmarsat-C Transceiver, TT-3026M  
Start-up: Mon Aug 11 21:31:10 2008  
:
```

- 6) Type SET -p <ENTER>
- 7) The unit should return GPS position and UTC time

```
: set -p  
  
Position : 26 04 30 N 080 10 15 W_____ at 21:45:02 UTC  
Valid_____
```

```
Course : 125_____ deg/true north  
Speed : 000_____ knots : 0000 kmph : 0000 mph
```

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8) Type SET -u <ENTER> unit will return it's IMN number if it does not have one programmed it may be entered using the SET -u xxxxxxxx where xxxxxxxx represents the IMN number assigned to this unit.

```
: set -u 430373920
```

```
:
```

9) Confirm correct setting of this number by typing SET -u and waiting for the unit to return the number that was entered above.

```
: set -u
```

```
Mobile number : 430373920
```

```
:
```