RTCM reception on 3011 Heading Sensor

Receiver firmware version has to be **V20033**.

This give you the way to set up receiver using TRM100 Hardware or PC Software In this example, A port is used to receive digital RTCM Type 1 and 3.

Port B, C or Aux port (Port D) can also be used

Set A Port to correct Baud rate

1

Mar 11 2003 Q. 3 TD**/**s GP8 UTC 08:30:42 HDG 1/3 09/09SVs 47°17.94048N WGS84 001°30.54676W MSL84 HDG T 185.4° 32.4 ∞G SOG DGNSS AUX WPT-RTE NAVIG MARK

2

Mar 11 2	2003	DGPS	Q.	9	TD08/01s
UTC 08:5	58:09	HDG			08/10SVs
47°17.9	94041N	W	/GS84		O.OKT
001°30.5	54632W		28.3m	HDG	185.6°
/MAIN/AU	JX				
		Total Control			
<	INIT	VERS	NI NOI	I-OUTF	>>>

3

Mar 11 2003 DGPS Q. 9 TD08/01s UTC 09:00:12 HDG 08/10SVs 47°17.94040N WGS84 O.OKT 001°30.54649W 29.0m HDG 186.7° /MAIN/AUX/IN-OUTP TEST PORTS OUTPUT

4

mar 1	1 2003	GPS	W. J	1U^^/^^S
UTC 1	2:32:37	7 HDG		10/10SVs
47°1	7.94031	IN WG	ìS84	O.OKT
001°3	0.54634	1W :	24.1m HDG	186.5°
/MAIN	/AUX/IN	N-OUTP/POF	ITS	
Port	Baud	DataBit	Parity	StopBit
A	9600	8	N	1
В	38400	8	N	1
С	19200	8	N	1
D	19200	8	N	1
<		<<<	: >>>	OK

RTCM receiver setup

5

Mar 11	2003	GPS	Q. 3	TD**	/**s
UTC 08	:30:42	HDG	1/3	09/0)98Vs
WGS84	47	° 17	.940	48N	
	001	°30	.546	76W	ĺ
MSL84	32	2.4	IDG_T	185	.4°
SOG	0	. Ост	og t	**	*

TD**/**s Mar 11 2003 GPS Q. 3 UTC 08:36:36 HDG 1/2 08/108Vs 47°17.93967N WGS84 O.OKT 29.7m HDG 186.2° 001°30.54675W /MAIN/DGNSS **GPS** MODE : Primary Com Fmt Svs Ag Ref U Station No.

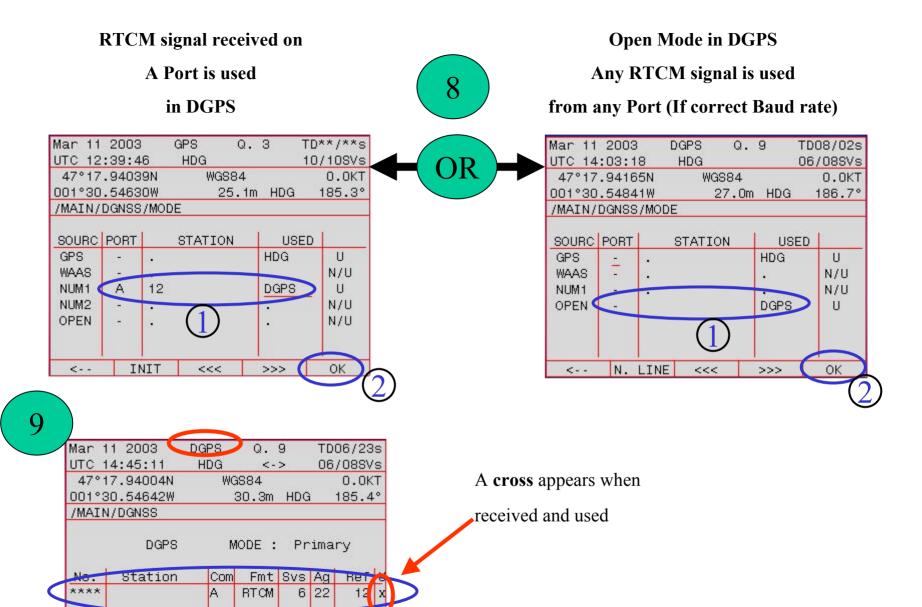
MODE

<--

BEACON

MSGES

Mar 11 2003 GPS Q. 3 TD**/**s UTC 08:40:47 HDG 08/10SVs 47°17.93947N WGS84 O.OKT 001°30.54689W 185.7° 29.3m HDG /MAIN/DGNSS/MODE SOURC PORT USED STATION GPS HDG U WAAS N/U NUM1 N/U D NUM₂ N/U **OPEN** N/U N. LINE <<< <-->>>



MODE

<--

BEACON

MSGES