

```

-> 13:40:07 [Serial:COM11] $ECRMB,A,0.000,L,001,002,5807.071,N,01143.815,E,1.512,359.136,0.000,V*1FII
-> 13:40:07 [Serial:COM11] $ECRMC,124007,A,5805.563,N,01143.858,E,0.000,360.000,281212,0.200,E*60II
13:40:07 [Serial:COM11] $GPRMC,124007,A,5805.563,N,01143.860,E,000.0,360.0,281212,000.2,E*7AII
-> 13:40:07 [Serial:COM11] $GPRMC,124007,A,5805.563,N,01143.860,E,000.0,360.0,281212,000.2,E*7AII

```

Test to send sentences to the Autopilot. A "X" indicates that the sentence is sent .

Test	ECRMB	ECRMC	GPRMC	ECRMC & GPRMC	Result
1	X				OK
2	X		X		OK
3	X	X			NO
4	X			X	NO
5	X		X		OK

Conclusion

When the ECRMC sentence is present the Autopilot don't understand and fails out

Test 1 to 4 are the "old 11 fields" protocol and should be fine for this old autopilot.

> The only visible difference between ECRMC and GPRMC is in field 10 where ECRMC has one leading zero (0.2) and GPRMC all three leading zero (000.2).

Test 5 The possible fail to understand the new RMC with the co-presence of a GPRMC with the new format including a validation code in field 12 was tested. No problem - OK.
(I fetched that newer format GPRMC from the AIS, the old format is from the GPS)

```

-> 14:20:23 [Serial:COM11] $GPRMC,132022.00,A,5805.55928,N,01143.86478,E,0.013,,281212,,,A*71II

```

