

SAILOR

Service Information No.
 Kundendienst-Mitteilung No.
 Service Information No.
 Información de servicio No.
 Servicemeddelelse No.

152

Series / Serie / Numéro de série / Serie / Serie

Date / Datum / Date / Fecha / Dato

Marts 1993

UTÆT INMARSAT-C ANTENNE

Vi har erfaret, at enkelte Inmarsat-C antenner leveret mellem 6. december 1991 og 20. august 1992 har været utætte, hvorved der kom vand i antennen, og normal funktion ophørte.

Årsagen til problemet er, at O-ringen ikke slutter helt tæt, hvorfor dimensionen af O-ringen er blevet ændret.

Vi anslår, at der er risiko for læk i ca. 20% af de antenner, der er leveret i ovennævnte periode, hvorfor vi anbefaler at udskifte O-ringen i disse antenner hurtigst muligt. Serienumrene på disse enheder er:

FRA SERIENUMMER 916959 TIL 927954

Følgende dele skal anvendes pr. antenne:

- 1 stk. O-ring. Tegningsnummer 45-200824-137.
- 8 stk. banded seals. Tegningsnummer 53-200832-001.

Disse dele leveres samlet og uden beregning fra S.P. Radio A/S på S.P. nr. 726526.

Under henvisning til vores garantibestemmelser ydes der ikke godtgørelse for den anvendte tid til udskiftningen.

Vi anslår, at udskiftningen vil tage ca. ½ time for en tekniker, forudsat at han har vedlagte anvisning.

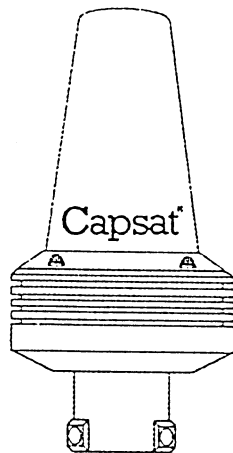


Please file this information in the service-portfolio we have sent you.
 Bitte archivieren Sie diese Mitteilung in der Kundendienstmappe, die wir Ihnen gesandt haben.
 Nous vous prions de bien vouloir classer ce document dans le dossier bleu qui vous a été envoyé à cet effet.
 Sivanse archivar esta información en la cubierta de servicio que les hemos enviado a Ustedes.
 De bedes venligst arkivere denne meddelelse i den tilsendte servicemappe.

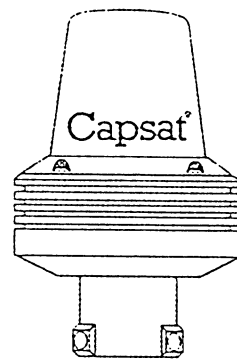
S. P. RADIO
 Aalborg - Denmark

Please switch off the equipment, then disconnect the antenna from the coax cable and bring it to a safe place in-house to do the gasket exchange.

1. The Antenna models:



TT-3001B Option 001
Figure 1.



TT-3001B Option 002
Figure 2.

2. Please locate the 4 screws (53-200839-005) fastening the plastic dome to the antenna cabinet and remove these with an Allen key, so you can remove the dome. See Figure 3.

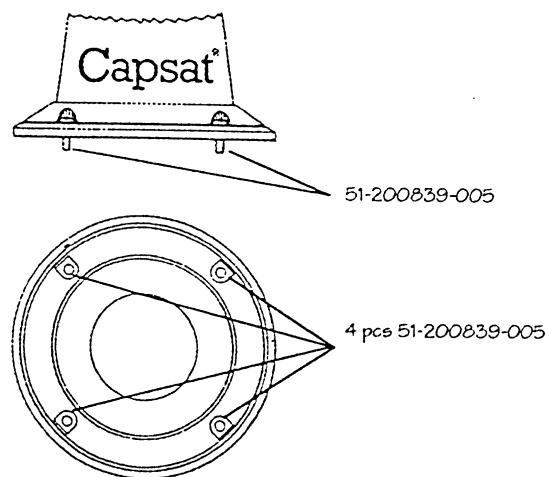


Figure 3.

3. Please locate the 8 screws (51-200837-005) assembling the antenna cabinet upper and lower part. Please remove the 8 screws with an Allen key. See Figure 4. to locate the screws.

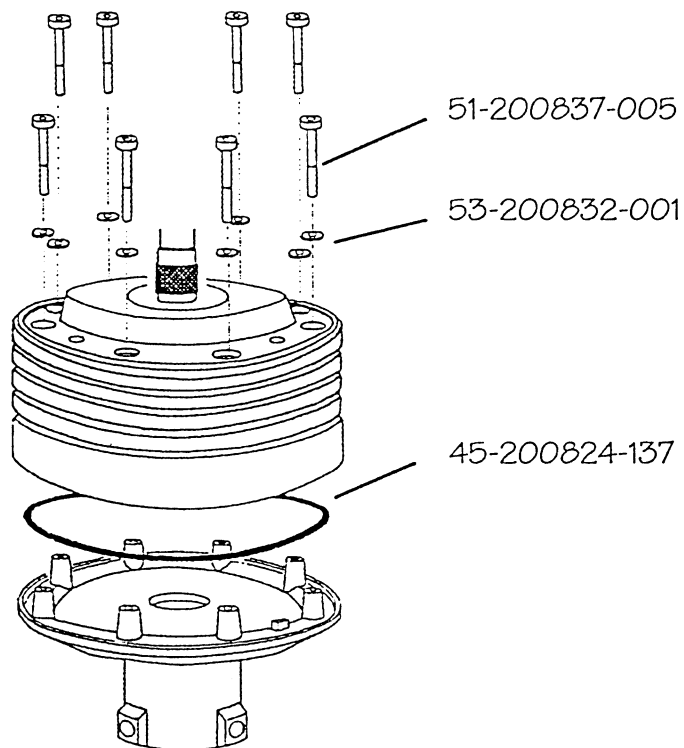


Figure 4.

4. During assembling you must replace the 8 bonded seals (53-200832-001) with new seals, so please make sure that you have 8 new and then throw the old ones away. See Figure 4. to locate the 8 bonded seals

Please note: If you use the old bonded seals, there is a risk that they cause a leak in the cabinet.

5. The upper and lower part are connected electrically with 2 coax cables, 37-101954 and 37-101953 so please be very careful by the following

Please carefully place the antenna on the side and open the antenna cabinet just a little. Now carefully disconnect the cables from the connectors in the upper antenna part, and make sure that you are not damaging the small connectors.

Please investigate whether the printed circuit board in the lower part looks as if there has been or is water on it. If you can see that the PC board is damaged by water, stop the exchange and pack the antenna unit into a box and ship it to Thrane & Thrane in Denmark. We will then repair the antenna and ship it back within 10 normal working days.

6. Please turn the antenna upper part, up side down, and locate the black O-ring gasket (45-200824-137) in the groove. See Figure 5. to locate the gasket groove.

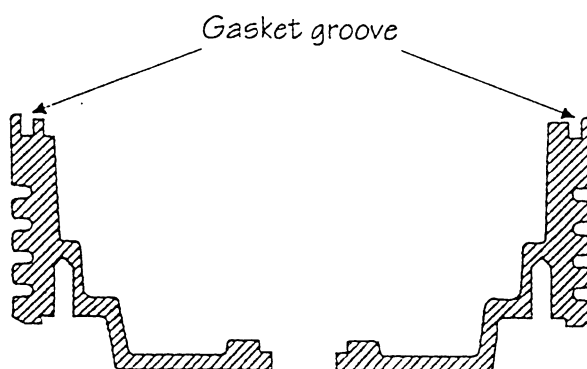


Figure 5.

7. Remove this old gasket and insert the new o-ring gasket in the groove. Please rub the gasket with some acid free Vaseline before mounting it.
8. Connect the 2 coax cables from the lower antenna part to the upper one. Connect cable (37-101954) on figure 6,2 to the connector marked 1 on figure 6,1 and the (37-101953) on figure 6,2 to the connector marked 2 on the figure 6,1.

One cable is male and the other female so it should not be possible to do it visa versa.

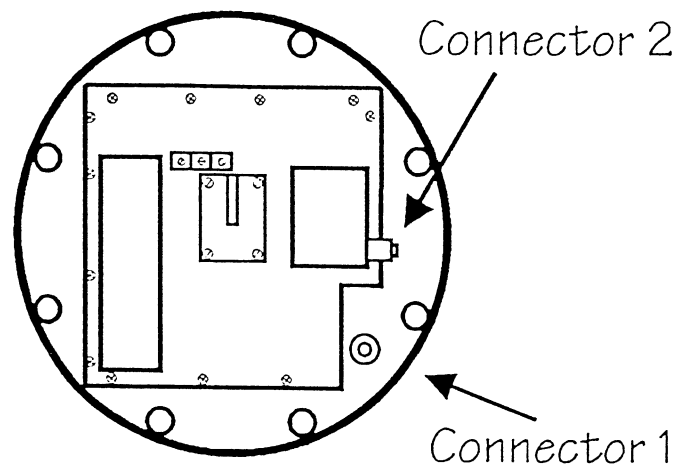


Figure 6,1.

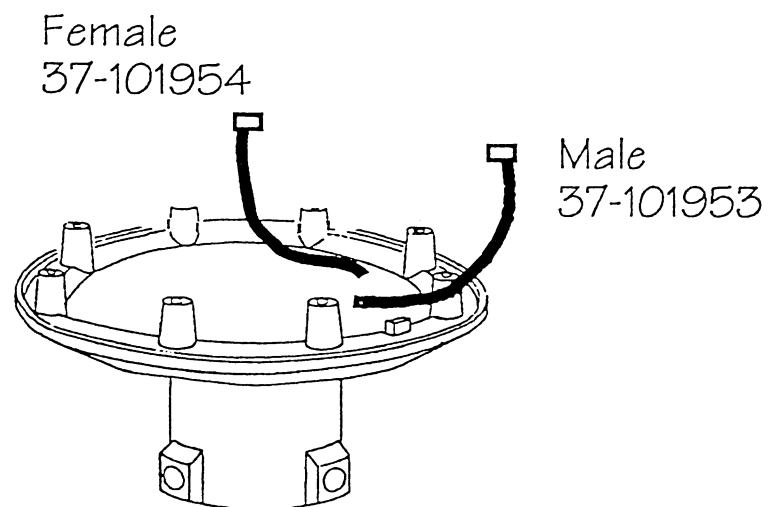


Figure 6,2.

9. Now assemble the upper and lower antenna part and note that the lower part has a mechanical guiding pin to assure proper assembling. See Figure 7. to locate the guide pin.

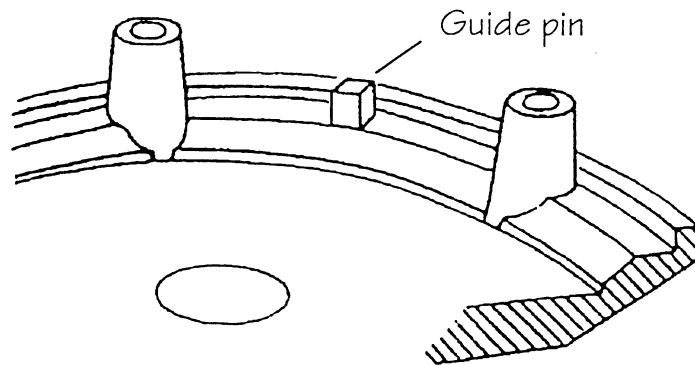


Figure 7.

10. Please mount the 8 screws (51-200837-005) assembling the antenna cabinet upper and lower part and use an Allen key too tight them properly. Remember the new bonded seals on the screws.

Then mount the plastic dome and the 4 screws (53-200839-005) fastening it to the antenna cabinet. Do not forget the dome gasket

COMPLIANCE: Upon completion of this Service Bulletin, make an appropriate maintenance record.

NOTE

If you are no longer in possession of the equipment, please forward this information to the present owner.