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To: VLBA Data Acquisition Group
From: Alan E.E. Rogers
Subject: Coaxicon Connector Alignment

Some difficulty was experienced with the coaxicon connectors in DAR 3 and 4. The problem is the result of angular misalignment of the coaxicon connectors* - especially those on the modules. The cure is to place an o-ring over the ferrule so that the connector fits more snugly into the block. The appropriate thickness of tape or heat shrink tubing might work just as well - but the o-rings (1/8 ID x 1/4 OD x 1/16 thickness) are the easiest to retrofit in place. At this point, only selected coaxicons which appear to be badly misaligned or those which have given trouble have been retrofitted with o-rings.

*AMP is aware of the problem but do not have any special parts to fix the misalignment. They recommend heat shrink tubing or tape to reduce the angle by which the connectors can deviate from being perpendicular to the block face.