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Subject: Hardware changes of UAIS DEBEG 3400

To whom it may concern,

due to the proclamation of the power amplifier M67748H manufactured by Mitsubishi Electronics it became necessary to exchange it by the successor RA08H1317M.

The integration of the new power amplifier made it necessary to exchange some resistors and capacitors on the HF Board of the transponder.

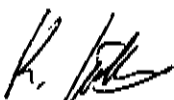
The changes are documented in the drawings:

po_ra33.pdf	Exchange of capacitors and resistors on the HF board
ata20b.pdf	Circuit diagram with the new power amplifier
atp20a.pdf	Circuit diagram power distribution for power amplifier
ato21a.pdf	Circuit diagram for oscillator no. 1
ato22a.pdf	Circuit diagram for oscillator no. 2

The functionality and the HF characteristics were tested successfully by the Phoenix TestLab. For reference see Test Report R50387 Ed. 1.

Yours faithfully

SAM Electronics GmbH
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