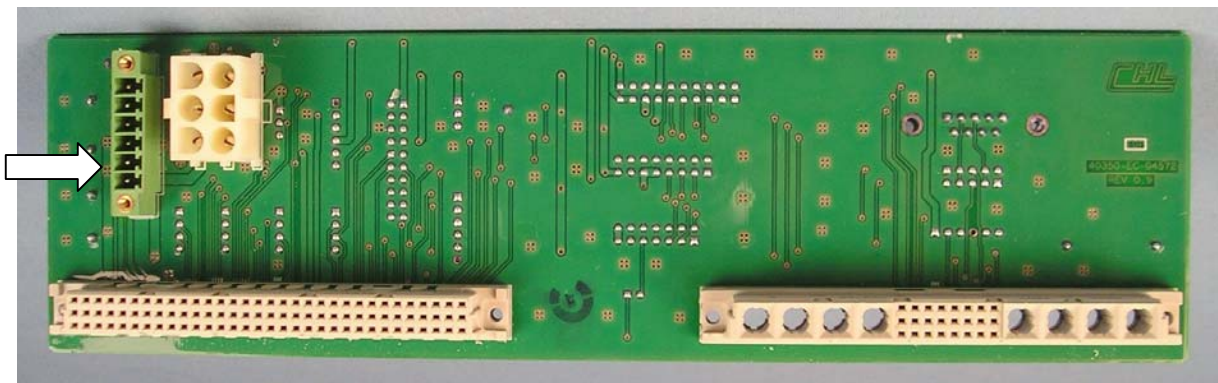


Interconnection Board A5ICB version 04

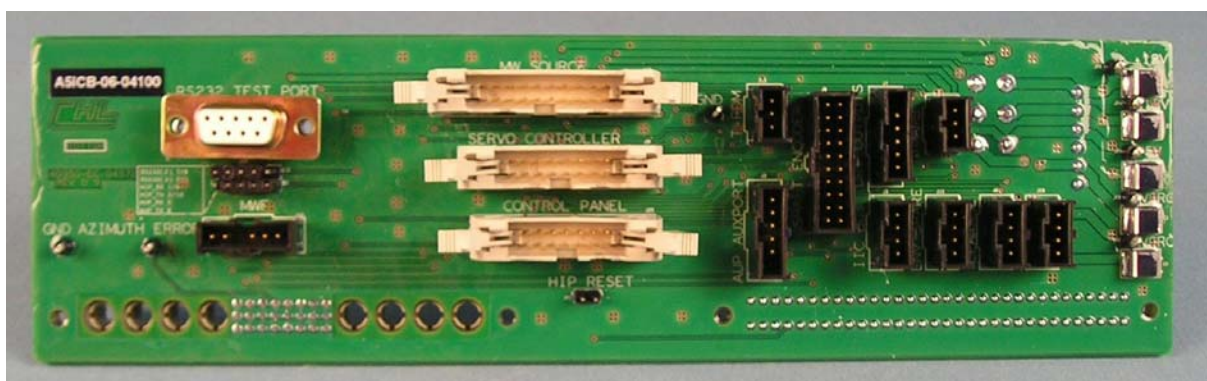
Artemis MK5 Antenna Units and Beacon Units from of serial number **06-02068** are fitted with an Interconnection Board type A5ICB version 04 (YY-04NNN). Also spare Interconnection Boards type A5ICB delivered after September 2006 are of version 04.

Differences with version 03 and earlier versions of the Interconnection Board

1. An alternative and better quality 6-way connector has been fitted for the connection of the cable carrying the supply voltages from the Power Supply A5PS to the Interconnection Board. This connector has been added. The original white 6-way connector has been maintained to provide backward compatibility. The added connector is in the position of the original connector; the original connector has slightly moved to the right (see photo below).



Artemis MK5 Interconnection Board version 04 (front)



Artemis MK5 Interconnection Board version 04 (rear)

(continued overleaf)

Distribution

CHL NETHERLANDS B.V. : AEK, AKI, AKO, CWE, HEB, JMH, SHH
Reson B.V. : Technical Department, Sales Department



Artemis MK5 Engineering Note EN5-12

The new connector has spring loaded contacts and so does not suffer from high contact resistance the old connector sometimes suffers from and which can cause the AUP board to reset itself if the +5 V output voltage of the Power Supply A5PS has not been increased (modification A; see Engineering note EN5-10).

2. Due to the application of a coating to further protect the Interconnection Board against moisture, the board has become slightly thicker.

Compatibility issues

1. Version 04 Interconnection Boards can be fitted in Antenna Units and Beacon Units with earlier version Interconnections Boards. The cable from the Power Supply A5PS in these units can, however, only be connected to the original white connector.
2. Antenna Units and Beacon Units delivered with a version 04 Interconnection Board cannot be fitted with an earlier version Interconnection Board, as the cable from the Power Supply A5PS to the Interconnection Board in these units is fitted with a new type connector only.
3. Since version 04 Interconnection Boards are slightly thicker than earlier versions, spare version 04 Interconnection Boards are supplied with a set of four modified pcb guides. If the version 04 Interconnection Board does not fit in the existing pcb guides of an Antenna Unit or a Beacon Unit, then these guides must be removed and replaced with the pcb guides supplied with the spare version 04 Interconnection Board.