

M E M O R A N D U M

To : H. Kugler, PS Division
From : I. Kamber, G. Surback
Subject : GFA plug-board for PSB.

On the 26th June, 1979, G. Baribaud issued for the CO Group Interface Section an unclassified note "Les liaisons GFA's Equipements Booster". This note deals with the analog signal distribution of 32 Function Generators towards 220 Single Transceivers (Hybrid Version) for the control of Power Supplies.

On their own initiative, a discussion between the two authors on different possible designs of analog signal distributors was started in August, 1979.

From all discussed variants (Reed relay- and FET switch matrices, computer and manually operated,) a manually operated plug-board matrix with a computerized status read-out was retained for a closer evaluation.

To our best knowledge the GHIELMETTI plug-board is the only standard product on the European market which is suitable for audio-frequency distributor systems. During the following months we collected information on this material and the associated analog and digital circuits and components. Sketches for a mechanical layout have been drawn as well as some electrical and electronics circuit diagrams.

The design study was never completed due to differences in opinion between the authors and yourself about manufacturing of such a matrix.

Recently you started to prepare a call for tenders for such a matrix and we would like to give you access to the documents so far collected on this subject. I. Kamber transferred all drawings, circuit diagrams and sketches to G. Surback who filed these documents with those he produced himself on this subject. These documents provide specific information on our design which is not complete. Therefore it must be stressed that these documents are partial and have not been checked for errors.

I. Kamber 