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DISTR/LIMITED

ID/WG .107/1

5 August 1971

United Nations Industrial Development Organization

ORIGINAL: ENGLISH

UNIDO/IEEE Expert Group Meeting on the
Manufacture of Electronic Components in
Developing Countries

San Francisco, California
United States of America
23 to 24 August 1971

AIDE MEMOIRE

Purpose:

This Meeting is to be convened to discuss the electronic components industries in developing countries. This matter is of growing interest as a number of the more developed of the developing countries have already established thriving electronic industries and are embarking on the manufacture of components to support these industries. The electronic components industry is special in the sense that it is one where there are rapid technological advances being made, one where the scale of production is important, where sophisticated production technologies are used and where reliability of the product is critical.

It is proposed to examine the problems of this industry in developing countries starting with a review of the present situation and potential of the industry in selected developing countries. This will be followed by an examination of technological forecasting and trends in electronic components and then the problem of how to go about assessing the needs for particular components, and to work backwards to find means of meeting these needs. The Meeting is then expected to look into the plant requirements and production techniques for semi-conductors, integrated circuits, and passive components with particular reference to low levels of production. The next input to this industry of particular importance is research and development into the design and production of components which will also include an evaluation of components for reliability. It is hoped through these discussions and plant visits which are to be arranged, the participants from the developing countries will have sufficient background information to organize feasibility studies in order to promote the manufacture of components in their respective countries.

We regret that some of the pages in the microfiche copy of this report may not be up to the proper legibility standards, even though the best possible copy was used for preparing the master fiche.

Date and Place:

To be arranged by the United Nations Industrial Development Organization and the Institute of Electrical and Electronic Engineers, the Meeting will be held from 23 to 24 August 1971, in San Francisco in the United States of America, and will be followed by a three day plant tour from 25 to 27 August 1971.

Programme:

The programme of the Meeting is set out in the Agenda numbered ID/WG.107/2.

Working Language:

The official working language will be English.

Documentation:

Details of the papers formally presented to the Meeting are given in the list of documents ID/WG.107/3. The documents will be printed in English. The Final Report will be prepared by UNIDO and distributed in English, French and Spanish.

Participants:

Approximately 20 to 30 people are expected to attend the Meeting from both industrialized and developing countries, together with a number of observers from the industrial sector as follows: -

(a) Participants from developing countries:

The United Nations Industrial Development Organisation and the Institute of Electrical and Electronic Engineers will be hosts to approximately 15 participants from developing countries. The participants will be directly concerned with the subject of this Meeting and qualified in the technical field in order to be able to participate in the proceedings.

These participants are expected to prepare a short outline of the status of the electronic components industry in their particular country, and would be expected to participate actively in the discussions of the Meeting and assist in the preparation of recommendations for future action.

(b) Experts from developed countries:

The Institute of Electronic and Electrical Engineers will invite experts to prepare papers on specific subjects. These papers will be presented to the Meeting by the authors who will in turn lead the discussions during the working sessions and assist in the preparation of the recommendations for future action.

Observers:

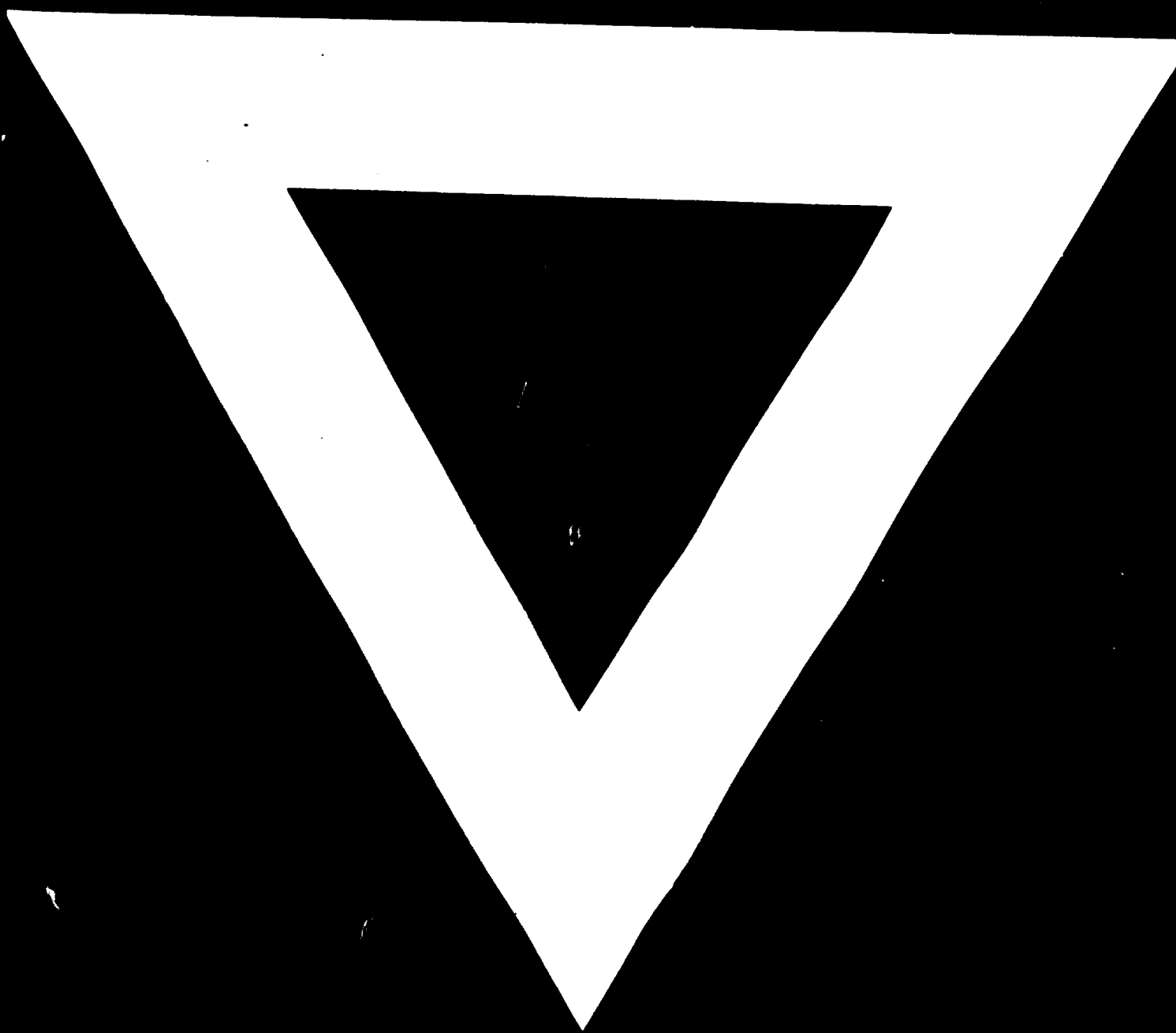
Observers are being invited from developing and developed countries to attend the Meeting at their own expense. They are equally invited to assist in the discussions at the Meeting.

Financial and Administrative Arrangements:

UNIDO will invite at their expense seven representatives from selected developing countries who will attend in accordance with the rules and regulations of the United Nations and who will receive their return airfare, economy class and the standard per diem during their attendance at the Meeting and the plant tour. The administrative arrangements for the plant tour will be made by IEEE. In addition UNIDO will engage a qualified consultant who will prepare the sectorial study on the electronic components industry and subsequently attend the Meeting and be responsible for drafting the final report.

The Institute of Electrical and Electronic Engineers will provide the conference facilities.





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