



INTERNATIONAL ATOMIC ENERGY AGENCY
UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION
INTERNATIONAL CENTRE FOR THEORETICAL PHYSICS
I.C.T.P., P.O. BOX 586, 34100 TRIESTE, ITALY, CABLE: CENTRATOM TRIESTE



IN REPLY PLEASE REFER TO:

H4.SMR. 405/6

SECOND WORKSHOP ON TELEMATICS

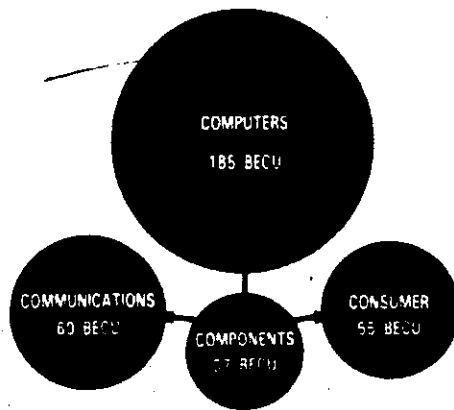
6 - 24 November 1989

Telecommunication and Informatics

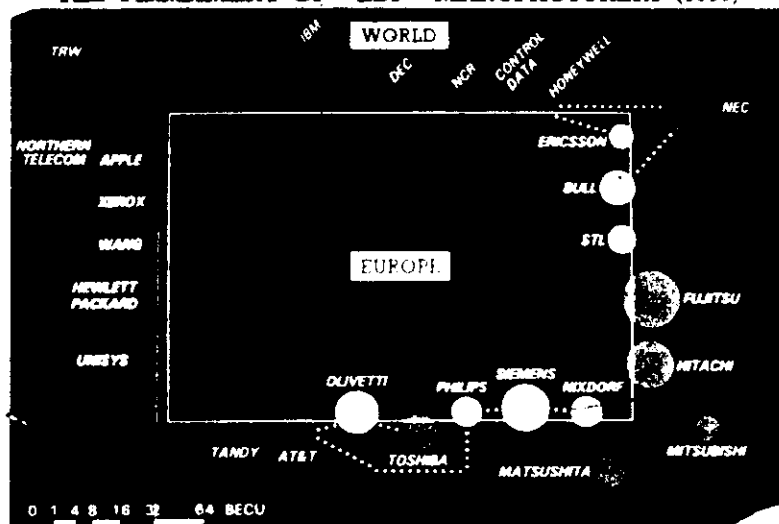
G. PERRUCCA
CSELT, Torino, Italy

These notes are intended for internal distribution only.

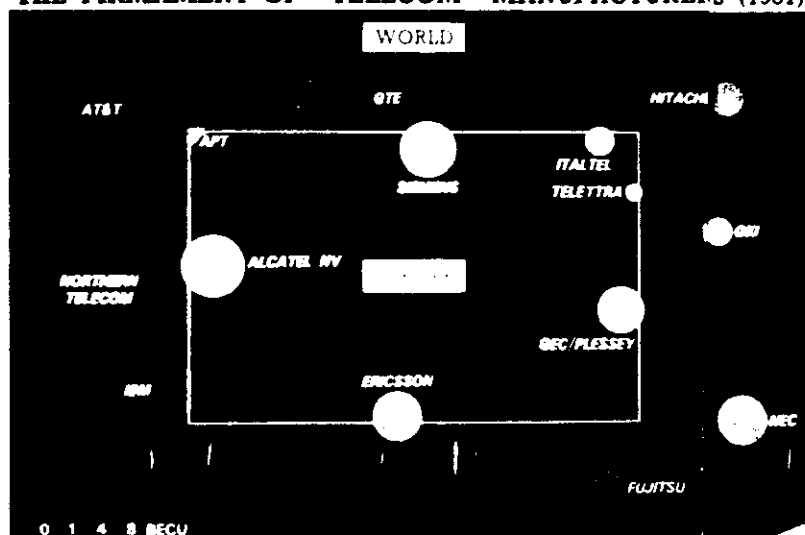
FOUR IBC RELATED WORLD MKTS (1981)



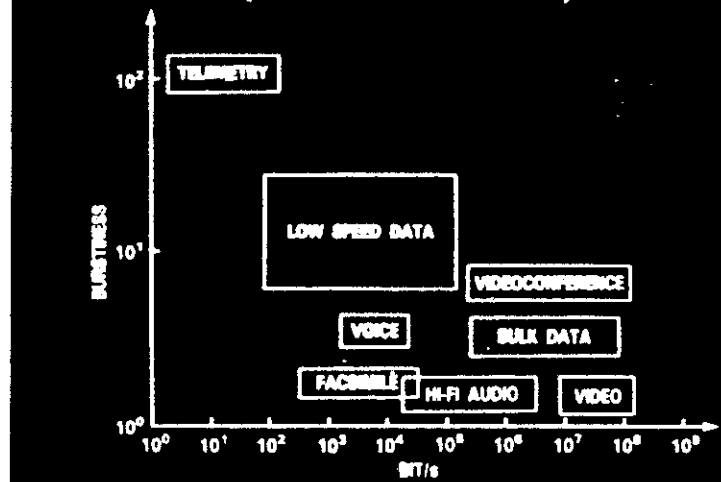
THE FIRMAMENT OF IBC MANUFACTURERS (1981)



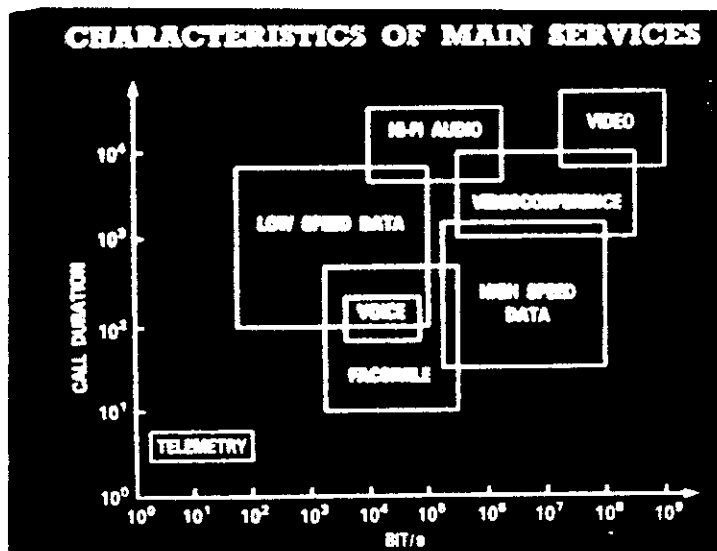
THE FIRMAMENT OF "TELECOM" MANUFACTURERS (1981)

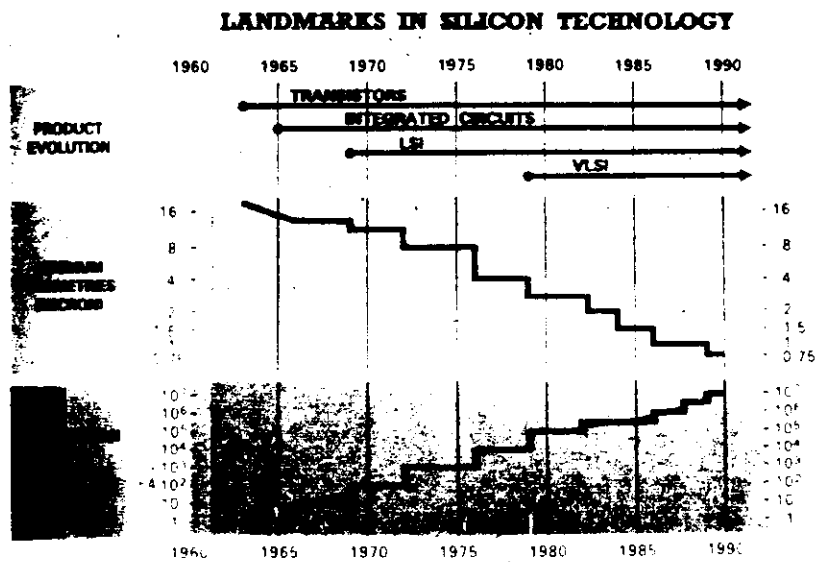
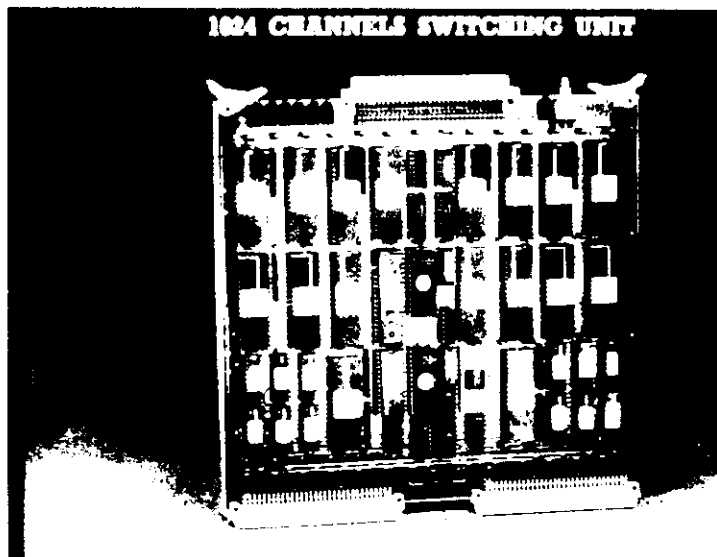


CHARACTERISTICS OF MAIN SERVICES (Bit rate e Burstiness)

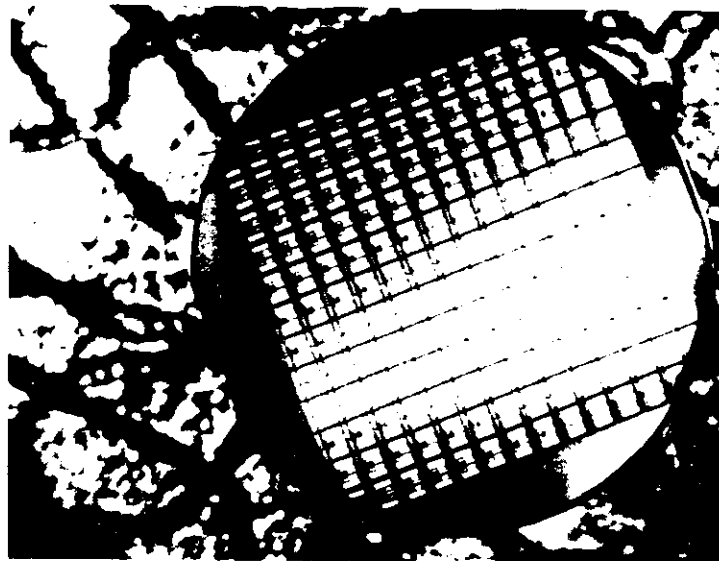
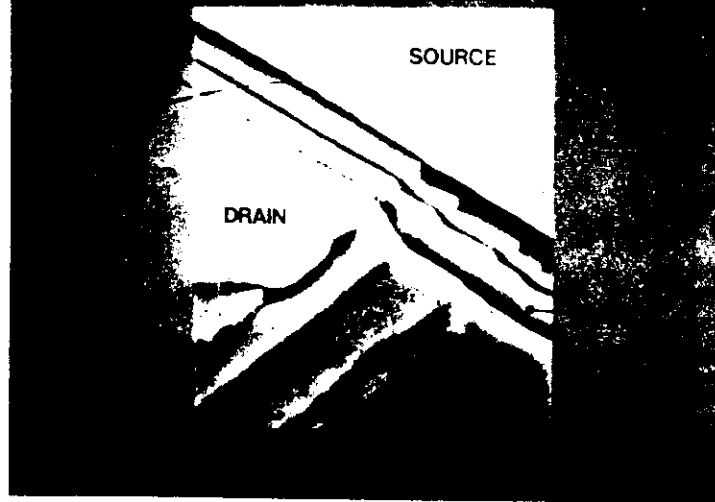


CHARACTERISTICS OF MAIN SERVICES

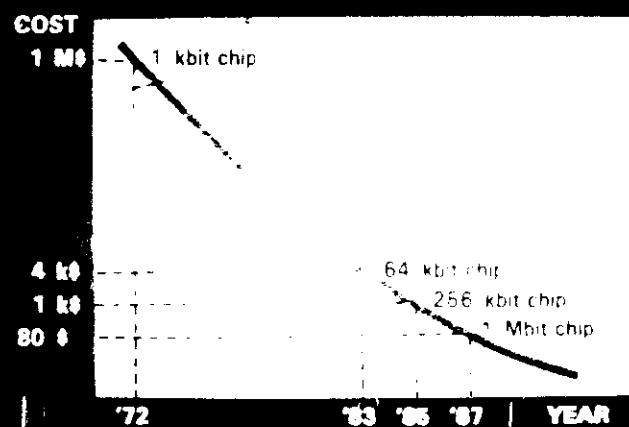




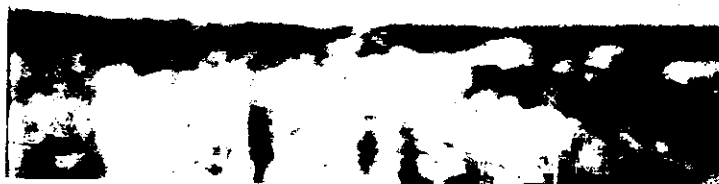
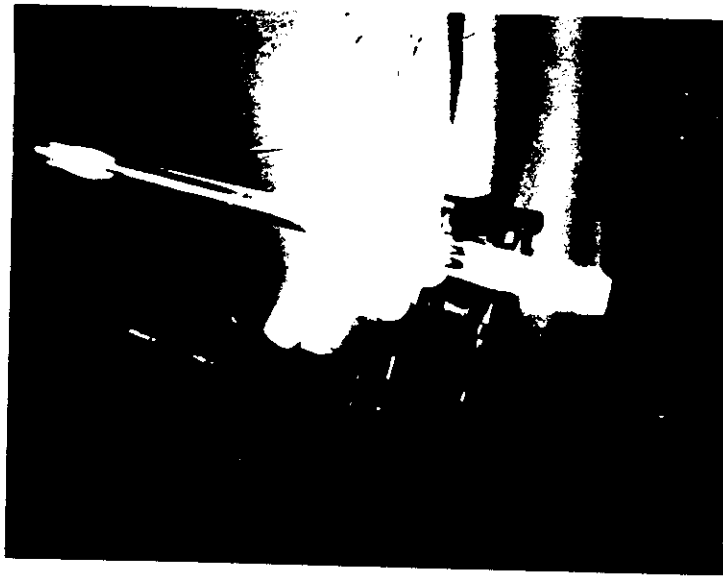
MESFET DI POTENZA PER ALTA FREQUENZA

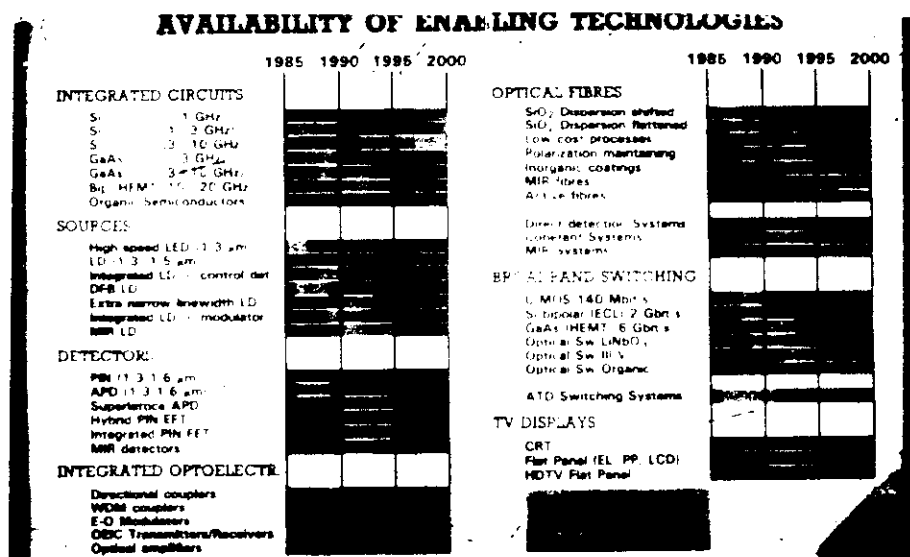
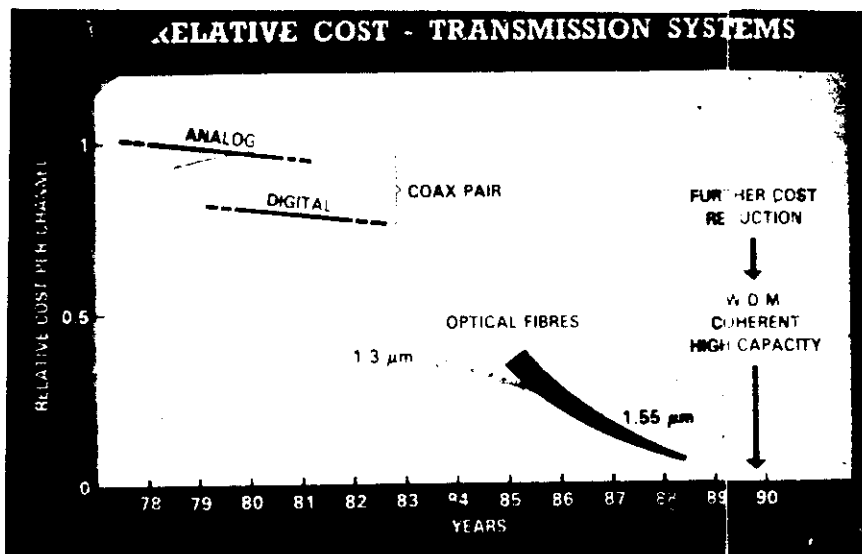


COST TRENDS FOR 1 Mbyte OF MEMO

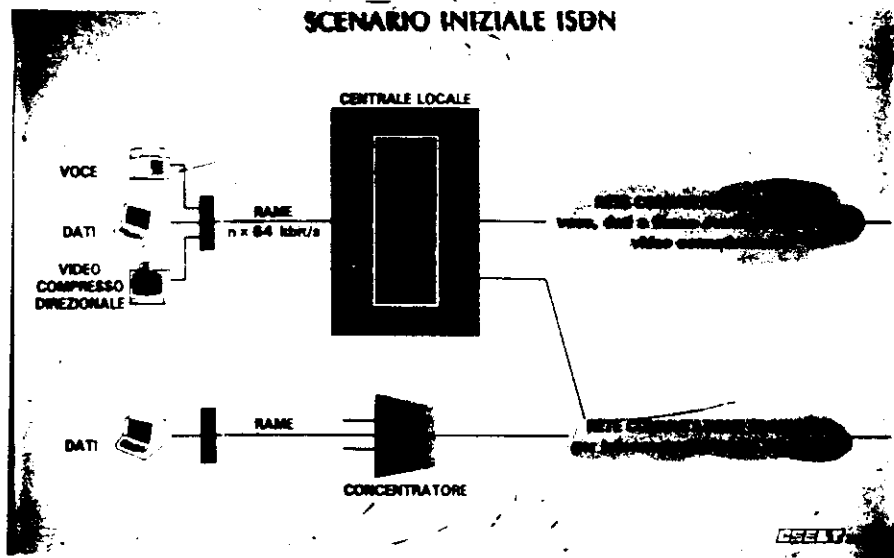


CSELT

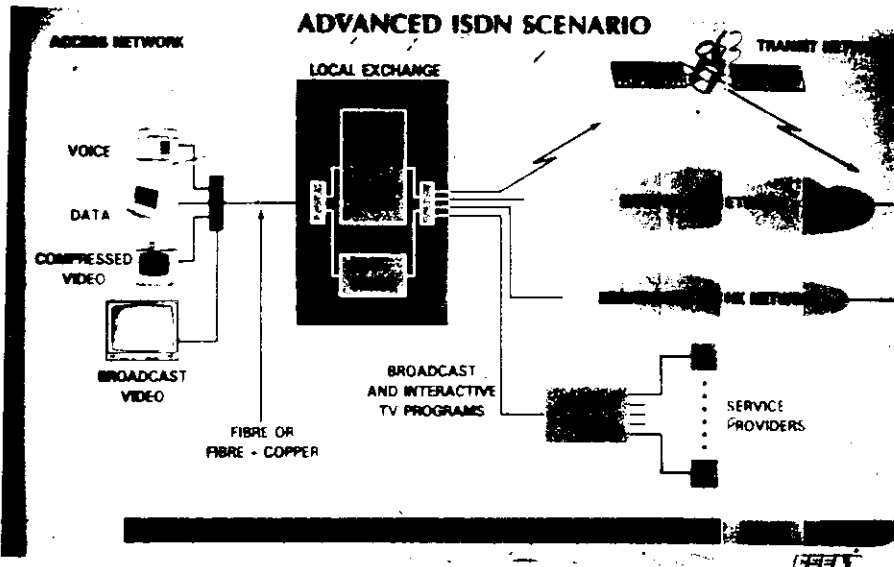




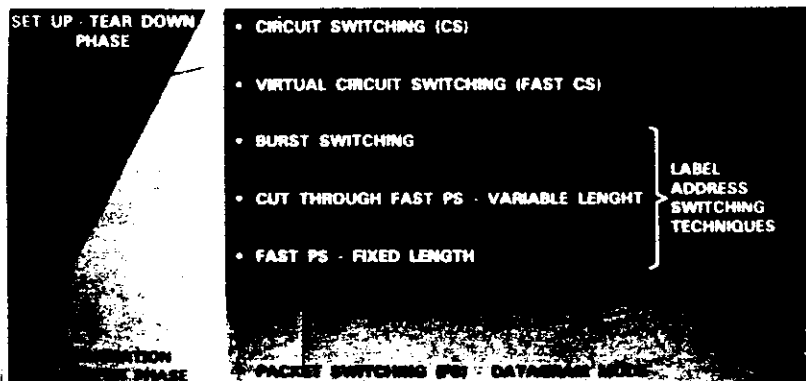
SCENARIO INIZIALE ISDN



ADVANCED ISDN SCENARIO



TIME ALLOCATION OF PROCESSING RESOURCES

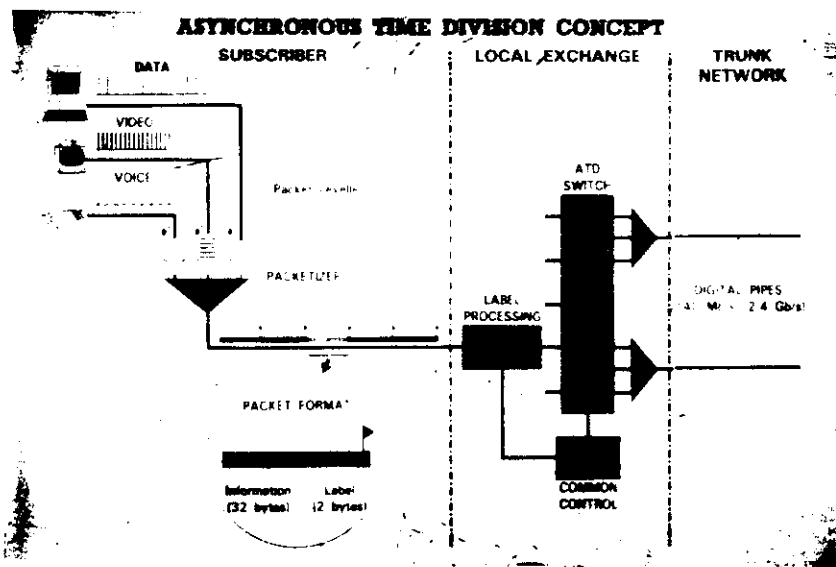


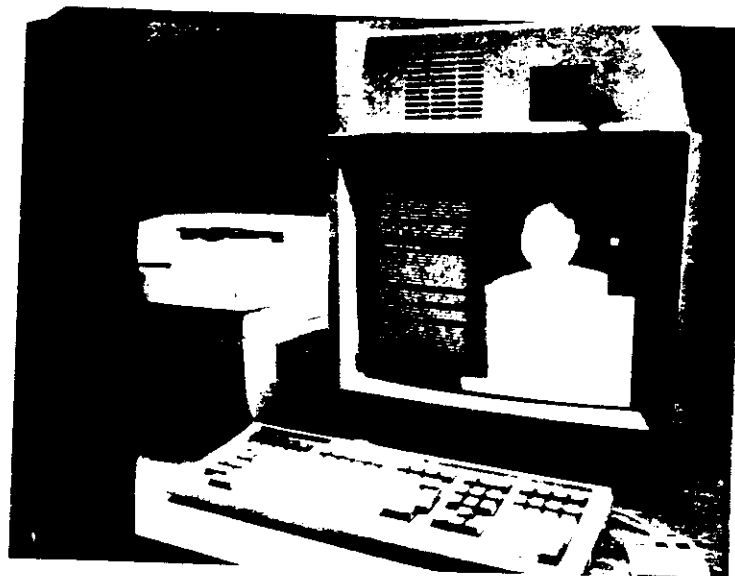
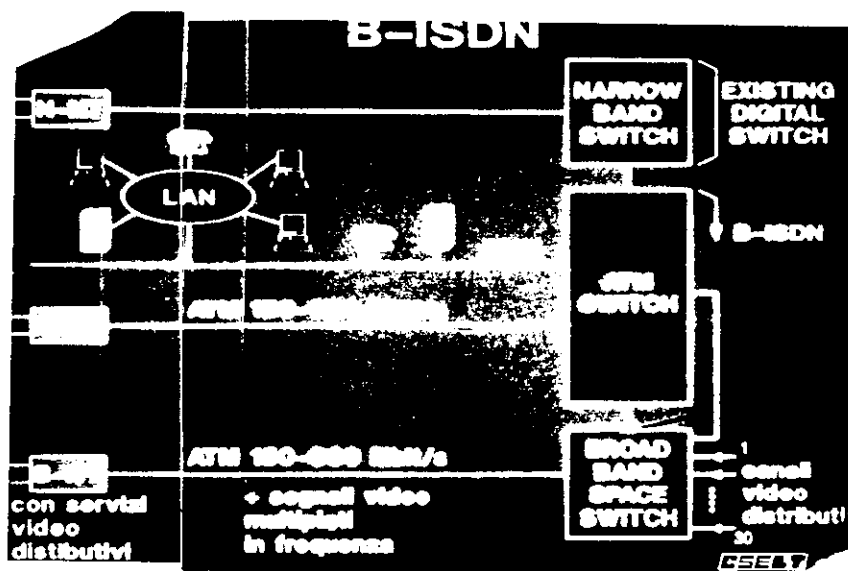
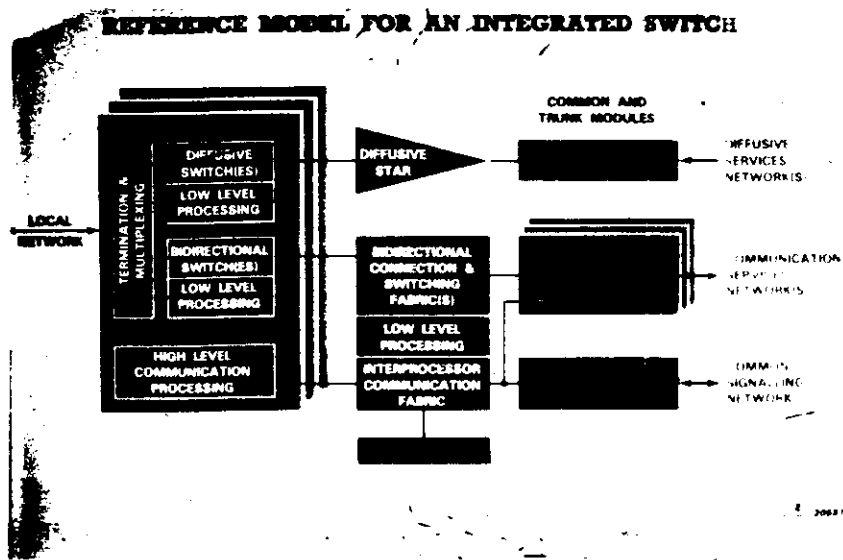
TIME ALLOCATION OF TRANSPORT RESOURCES

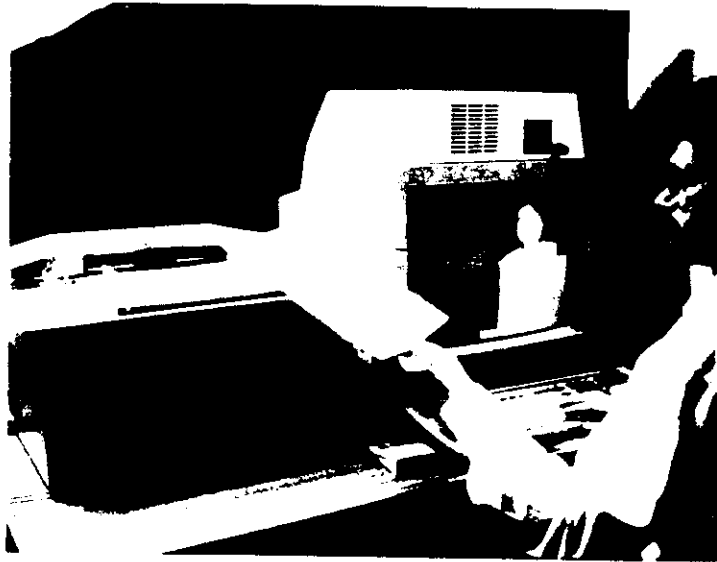
- MONORATE TDM SWITCHING
- MONORATE WITH DYNAMIC ALLOCATION ("TASI")
- BIT INTERLEAVED TDM SWITCHING
- MULTIRATE TDM SWITCHING
- MULTIRATE WITH DYNAMIC ALLOCATION
- HYBRID SWITCHING
- SLOTTED RING SWITCHING
- SYNCHRONOUS PS ("ASYNCHRONOUS SWITCHING")
 - SYNCHRONOUS COMPOSITE PS
 - STATISTICAL PS (FIXED LENGTH)
 - STATISTICAL PACKET SWITCHING (PS)

INTERLEAVED

20584







STEPS OF NETWORK INTEGRATION

