LIST OF EF REPORTS
(July - December 1978)

EF

MBNIM: A MODULAR APPROACH TO FAST TRIGGER LOGIC FOR HIGH ENERGY PHYSICS EXPERIMENTS

IDEAS FOR A PROGRAM OF $\bar{p}p$ PHYSICS AT THE ISR USING THE SFM

IMPROVED VERSION OF THE CERN CONDENSATION CRYOPUMP
C. Benvenuti (ISR) and M. Firth (EF) - CERN, Geneva.

CERN/EF/ADM 78-4
23 December 1978

CERN/EF 78-6
27 July 1978
Submitted to:
Nuclear Instruments & Methods
(Not yet ready)

CERN/EF 78-7
11 August 1978

CERN/EF 78-8
(CERN/ISR/VA 78-27)
December 1978
BEAM

MANTIS - A COMPACT MOBILE REMOTE HANDLING SYSTEM
FOR ACCELERATOR HALLS AND TUNNELS

DEVELOPMENT AND PERFORMANCE OF A LARGE-SCALE
MULTILAYER PROPORTIONAL COUNTER SYSTEM USED
IN THE EXTERNAL PARTICLE IDENTIFIER (EPI) AT
CERN
P. Lazeyras, I. Lehraus, R. Matthewson and
W. Tejessy - CERN, Geneva.

INSTR

STREAMER CHAMBER PHOTOGRAPHY SOME POSSIBILITIES TO
IMPROVE RESOLUTION AND TO REDUCE COST
PART 1 - P. Lecoq and C. Marrian
PART 2 - R. Budde
CERN, Geneva.

OPTICAL DESIGN FOR A STREAMER CHAMBER IN A QUARK
SEARCH EXPERIMENT
P. Lecoq, C. Marrian and F. Rohrbach - CERN,
Geneva.

AUTOMATIC MEASUREMENT OF THE BUBBLE CHAMBER FILM
DATA BOX BY MEANS OF A PHOTODIODE ARRAY