

FIDUCIAL MEASUREMENTS ON BEBC FILM

During the second technical run of BEBC in March 1973, photos have been taken under a variety of working conditions <sup>\*)</sup>.

Fiducials of photos taken at three different sets of working conditions have been measured on ERASME S/M 1. The measurements are summarized in table 1. Measurement output is in form of standard FILTER output with HYDRA structure. As, for the time being, only one view of S/M 1 can be used for 70 mm film, the photos were measured view after view. The measurements are stored on magnetic tape. (13 665 L8749).

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\*) G. Harigel, Some remarks on the photos taken during the second technical run of BEBC (March 1973), Internal Note BEBC/OP-52, 26.4.1973.

Chamber conditions	Frame No.	View	Number of fiducials measured	Date of meas on S/M 1	Date of calibration of S/M 1	Mag. tape (13665 L8749) file no.
Chamber warm (room temp.)	24-37	1	44	7.5.73 11:15-11:24	7.5.73 11:04	1
		3	42	10.5.73 11:42-11:55	10.5.73 11:36	2
Chamber cold empty	975-997	1	37-43	15.5.73 11:20-11:37	15.5.73 10:02	3
		3	35-38	15.5.73 11:47-12:18	15.5.73 10:02	4
Chamber cold filled with hydrogen, no expansions	1275-1297	1	36-40	15.5.73 14:55-15:12	15.5.73 10:02	5
		3	40-43	15.5.73 15:28-16:00	15.5.73 10:02	6

Table 1. Fiducial Measurements on BEBC photos, Roll 1.