



HUNTING SURVEYS AND CONSULTANTS LIMITED

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GLB/EN

30th March 1984

Landmaelingar Islands
Icelandic Geodetic Survey
Laugavegi 178
105 Reykjavik Island
Iceland

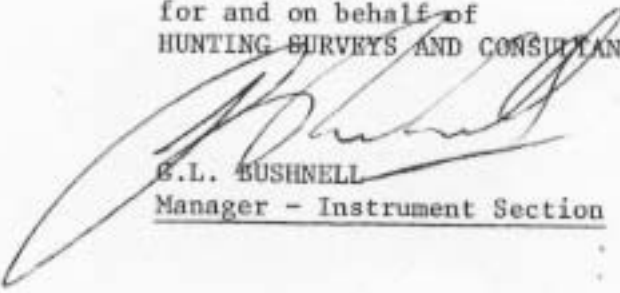
For the attention of Mr. A. Gudmundsson

Dear Sirs,

LENS CONE 15 UAg I 6056

We have pleasure in enclosing Calibration Certificate
in respect of the above Lens Cone recently calibrated by us.

Yours faithfully,
for and on behalf of
HUNTING SURVEYS AND CONSULTANTS LTD


G.L. BUSHNELL
Manager - Instrument Section

Encl.



CALIBRATION NO :- HSC/15 UAg I 6056/3

DATE OF CALIBRATION :- 27th February 1984

CAMERA CALIBRATION CERTIFICATE

WILD LENS CONE

NO. 15 UAg I 6056

TYPE: WILD UNIVERSAL AVIOGON I (RC 10)

CALIBRATION No. HSC/15 UAg I 6056/3

DATE OF CALIBRATION 27.2.84

LENS TYPE : WILD UNIVERSAL AVIOGON I (RC 10)

Serial No. : 15 UAg I 6056

FILTER TYPE : - NONE FITTED

Serial No. : -

ORIGIN OF MEASUREMENTS \circ : The point of Symmetry

SIGN CONVENTION : Distortion is positive if away from origin

CALIBRATED AT A TEMPERATURE OF 20°C

CALIBRATION PERFORMED BY : D. PHILPOT

MEASUREMENTS

CALIBRATED PRINCIPAL DISTANCE : 151.76 mm

COORDINATES OF POINT OF SYMMETRY

x = -0.001 y = +0.008 mm

COORDINATES OF PRINCIPAL POINT OF AUTOCOLLIMATION

x = -0.006 mm y = +0.010 mm

RADIAL DISTORTION IN MILLIMETRES :

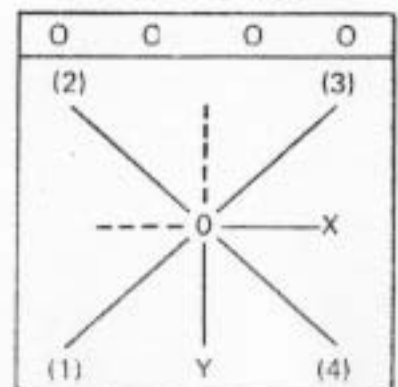
Radius (mm)	20	40	60	80	100	120	140
Semi diagonal (1)	-0.003	-0.002	0	0.003	0.003	0	0.009
Semi diagonal (2)	-0.002	-0.003	0	0.006	0.002	0.003	0.001
Semi diagonal (3)	-0.004	-0.002	-0.002	0.003	0.006	0.004	0.007
Semi diagonal (4)	-0.003	-0.003	-0.001	0.003	0.003	0.003	0.010
Mean	-0.003	-0.003	-0.001	0.004	0.003	0.002	0.007

BEFORE CALIBRATION THE OPTICAL UNIT WAS CHECKED AND FOUND TO BE IN A SERVICEABLE CONDITION.

APPROVED BY :



Back of Camera





CAMERA CALIBRATION

LENS : 15 UAG I

NO. : 6056

CALIBRATION DATE 27/2/84

POINT	X MM	Y MM
FC	0.000	0.000
S	-0.001	+0.008
PPA	-0.006	+0.010

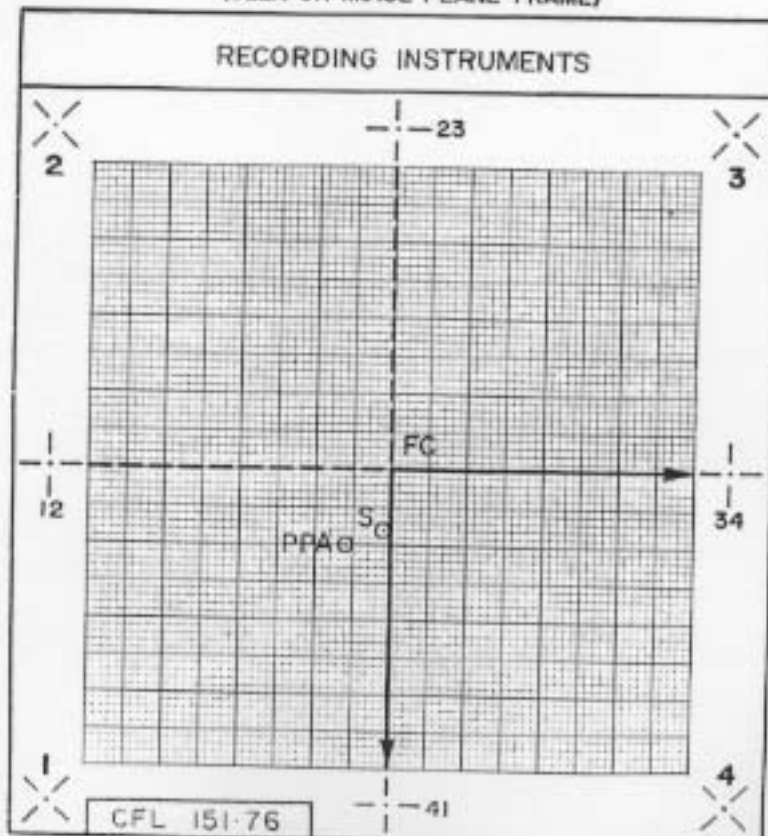
1 - 2 = 212.008	1 - 3 = 299.823
2 - 3 = 212.004	2 - 4 = 299.810
3 - 4 = 212.004	
4 - 1 = 211.993	

DISTANCES BETWEEN FIDUCIAL MARKS IN MM.
 MEASURED ON 8/7/77

S : POINT OF BEST SYMMETRY

PPA : PRINCIPAL POINT OF AUTOCOLLIMATION

(SEEN ON IMAGE PLANE FRAME)



SCALE: 1000 : 1

CALIBRATION No. HSC/15UAg I 6056/3

DATE OF CALIBRATION 27.2.84

RESOLUTION

LENS TYPE: WILD UNIVERSAL AVIOGON I SERIAL No.: 15 UAg I 6056

FOCAL LENGTH: 151.76 mm

APERTURE f5.6

FILM TYPE: AGFAPAN 25 PROFESSIONAL

HIGH CONTRAST TEST CHART

DEGREES OFF AXIS	RESOLUTION	
	Radial	Tangential
0	119	119
5	106	105
10	66	92
15	46	79
20	40	59
25	48	44
30	58	40
35	69	57
40	29	49
45	11	33
50	-	-
55	-	-
60	-	-

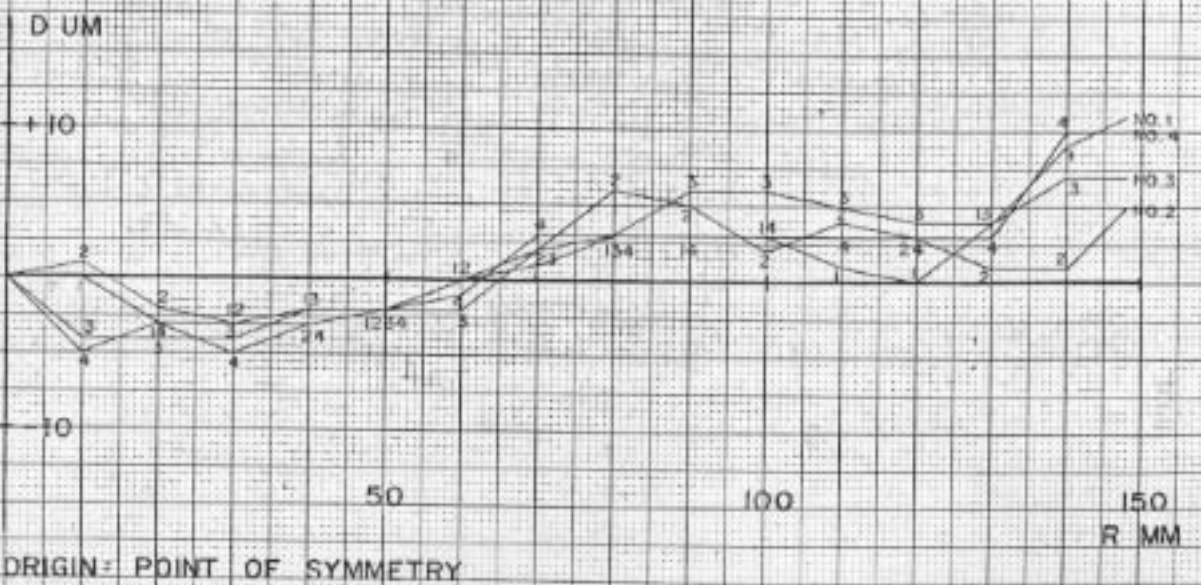
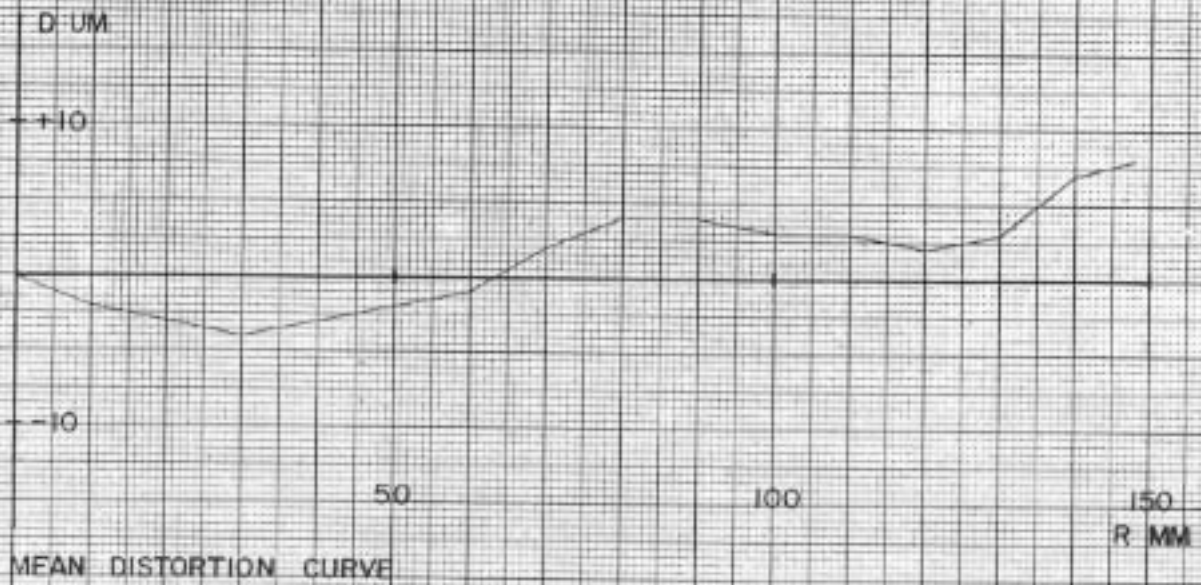
Measured by: WILD 8.7.77

Approved by:



C.F.L. 151.75 mm
FILTER ON CAMERA NONE
APERTURE f5,6

15UAG 16056



HSC / 15 UAG I 6056 / 3

27/2/84