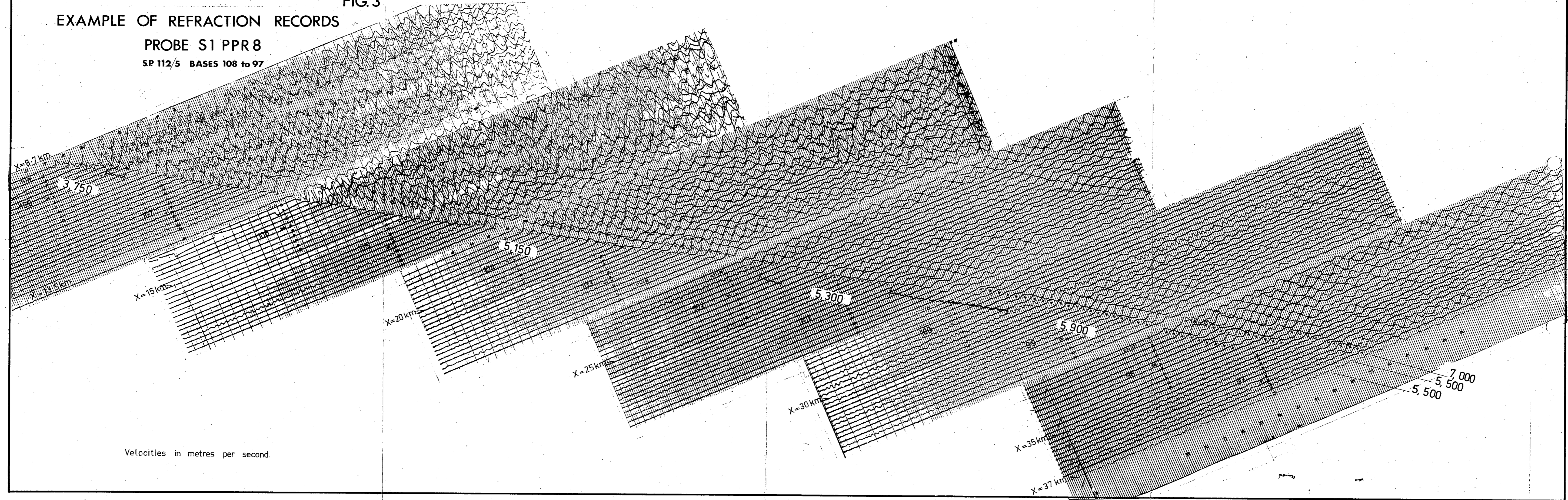


FIG. 3

EXAMPLE OF REFRACTION RECORDS

PROBE S1 PPR 8

SP 112/5 BASES 108 to 97



Velocities in metres per second.

**FIG 4 STATISTICS PEARCE POINT SURVEY 1963**

**SEISMIC**

MONTH	TRAVERSE	WORKING DAYS	PRODUCTION			REFLECTION					SPECIAL SPREADS		REFRACTION							REMARKS										
			PRODUCTION	TRAVELLING	TOTAL HOURS	NEW SPREADS	REPLACED	RESHOT	TOTAL	KMS. OF TRAVERSE	WEATHERING SHOT	Noise Tests	SPREADS				BASES				Explosion in lbs				Detonators					
													NEW	RESHOT	PROBES	TOTAL	NEW	REPLACED	PROBES		TOTAL	J KMS OF TRAVERSE	5 LB CARTRIDGE	1 LB CARTRIDGE	1 LB PRIMER 2"	1 LB PRIMER 2 1/2"	15'	30'	60'	80'
AUGUST	PP7	7	59	5 1/2	64 1/2	13	22	35	8.4	3	4																			First shot: August 24th Last shot: November 9th
SEPTEMBER	PP8 Ref. 17 PP7 Ref. 9 PP9		246	44 1/2	290 1/2	26	2	24	52	19.8	23	4																		Travel from 86P to OP2: 90 hours
OCTOBER	PP7 Ref. 5 PP8 Ref. 22 PP9		253 1/2	46 3/4	300	105	1	1	107	63.6	16																			Km of Trav/working days=26 Spreads/Working day =4.63
NOVEMBER	PP8 PP9 PP11	8	89 1/2	10 3/4	100 1/4	41	2	1	44	23.8	7																			Working days/month approx. 26
<b>TOTAL:</b>		Ref. 22 Ref. 46	647 3/4	107 1/2	755 1/4	185	5	48	238	117.6	49	8																		

**GRAVITY**

Base Connections	New Stations		Total Stations		1st measurements: August 24th Last measurements: Nov. 8th
	by vehicle	on foot	by vehicle	on foot	
4	62		77		
19	295		373		
7	235	127	297	148	
1	39	44	49	49	
31	631	171	796	197	

**DRILLING**

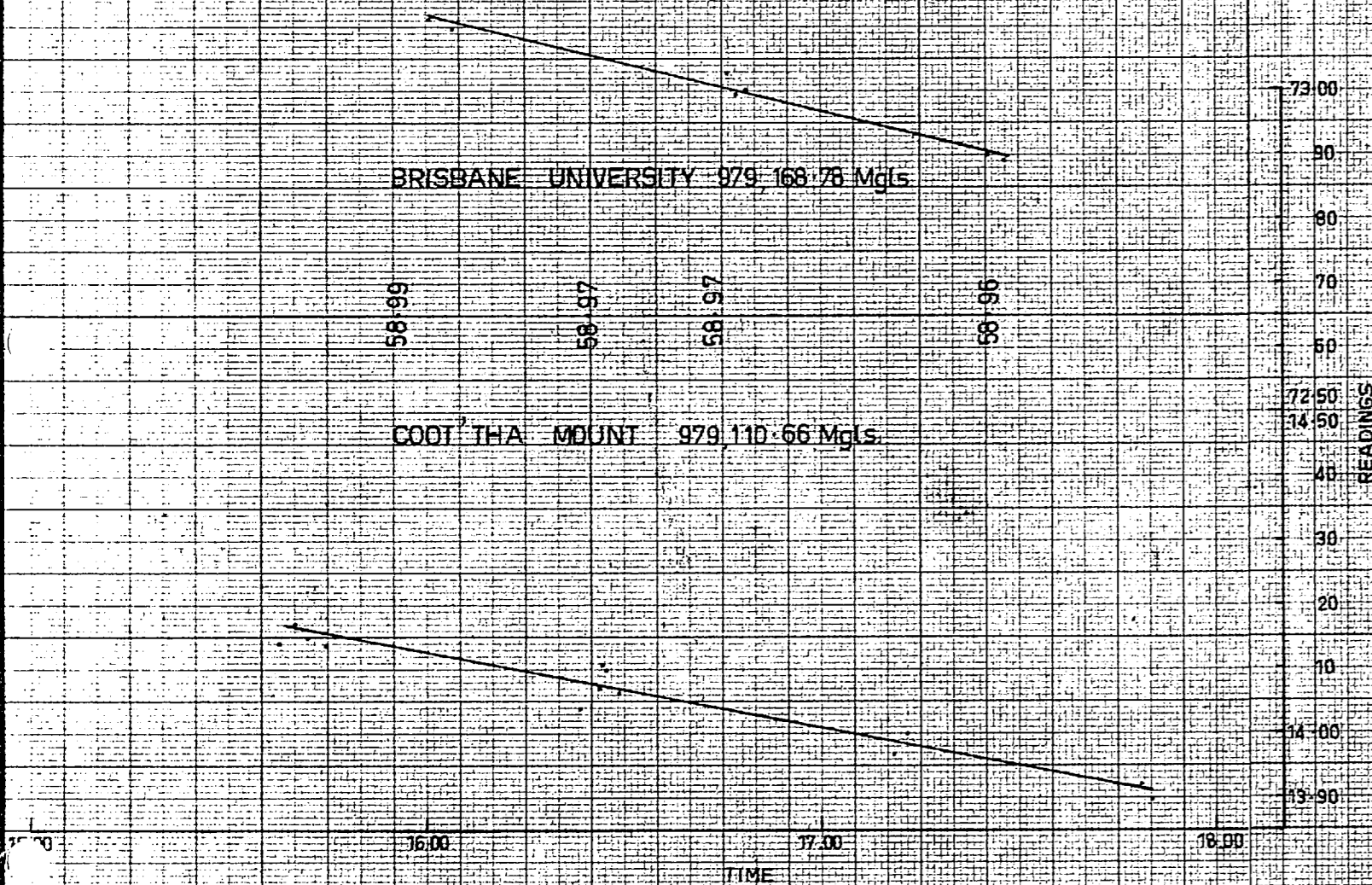
MONTH	TRAVERSE	NUMBER OF SHOTS	PRODUCTION	TRAVELLING	TOTAL HOURS	HOLES	FOOTAGE	AVERAGE DEPTH IN FEET	FOOTAGE PER DRILLING HOUR	FOOTAGE PER TOTAL HOUR	CONSUMABLE STORES						REMARKS													
											DRILLING TOOLS																			
											Insert Blades		Insert Bits		Rock Bits															
AUGUST	S1 PP7 PP8	14	116 1/4	28 1/4	144 1/2	503	8262	16	71.2	57.2	4 1/4	4 1/4	5 3/8	4 1/4	5 5/8	4 1/4	4 3/4	0	0	0	1	0	0						First drilling: August 23rd Last drilling: November 4th	
SEPTEMBER	S1 PP8 PP7 PP8 PP9	48	358 1/2	117 1/4	475 3/4	1,579	27,770	17.5	76.6	57.8	10	11	0	5	2	0	0	10	11	0	2	0	0							Travel from 86P to OP2 = 110 hours
OCTOBER	PP7 PP8 PP9	73	580	158 1/2	738 1/2	6,946	73,860	11	127.3	100.0	3	16	0	6	10	0	0	3	16	0	6	10	0	0						Third shift from 6th Oct.
NOVEMBER	PP11	11	80	27 1/2	107 1/2	1,193	11,930	10	149.0	111.0	0	0	0	0	0	0	0	0	0	0	0	0	0							
<b>TOTAL:</b>		146	1,134 3/4	331 1/2	1,466 1/4	10,121	121,822	12	107.3	83.1	13	27	0	11	13	0	0	13	27	0	11	13	0	0						

**MAGNETISM**

Base Connections	New Stations	Total Stations	First measurements: August 24th.
4	8	106	
2	34	42	
	42	45	
10	220	284	

FIG. 8

GRAVIMETRY CALIBRATIONS



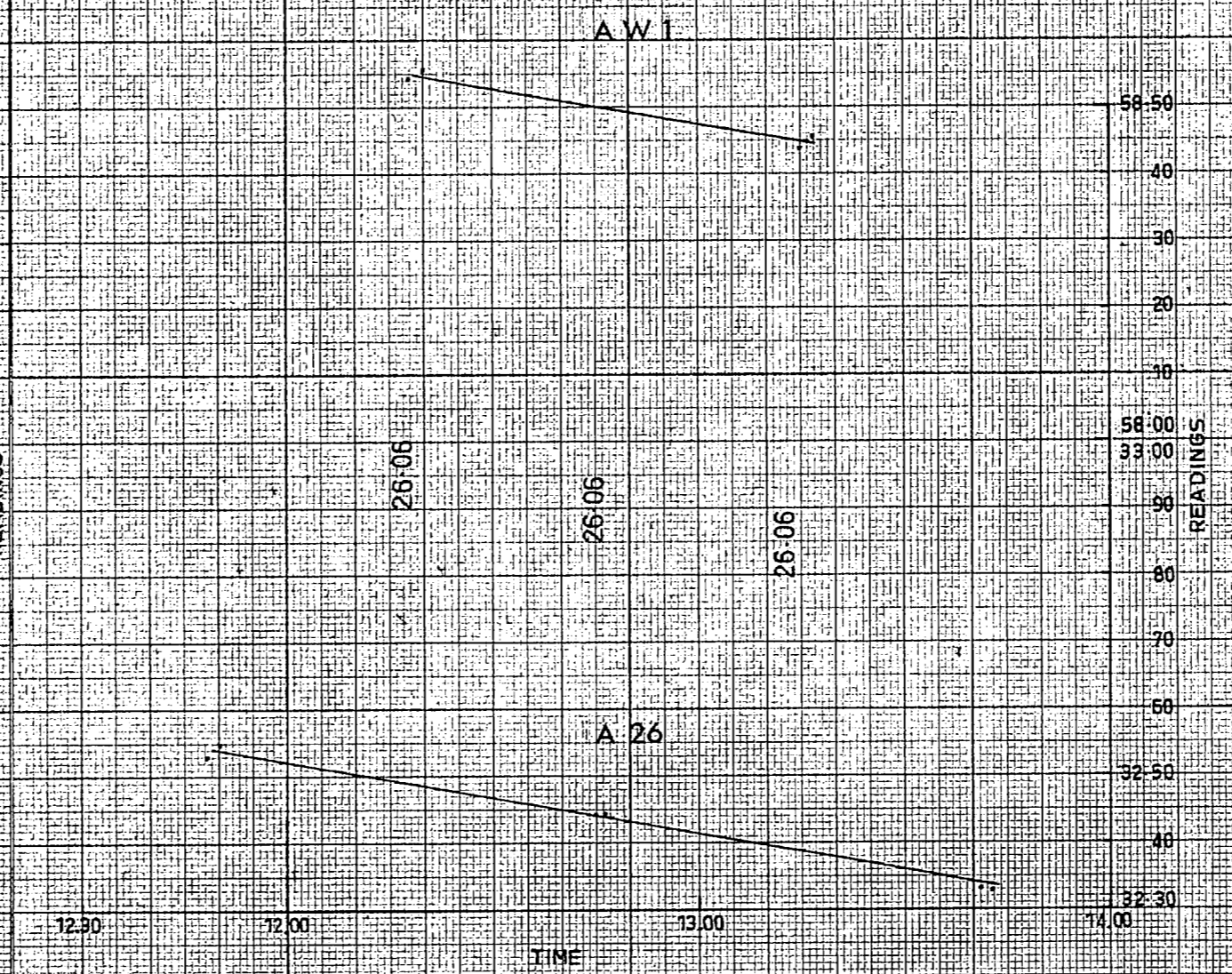
WORDEN No 41

AUGUST 1st 1963

58.973 Divisions → 58.12 ± 0.01 Mgls

K = 0.986 Mgls/Div

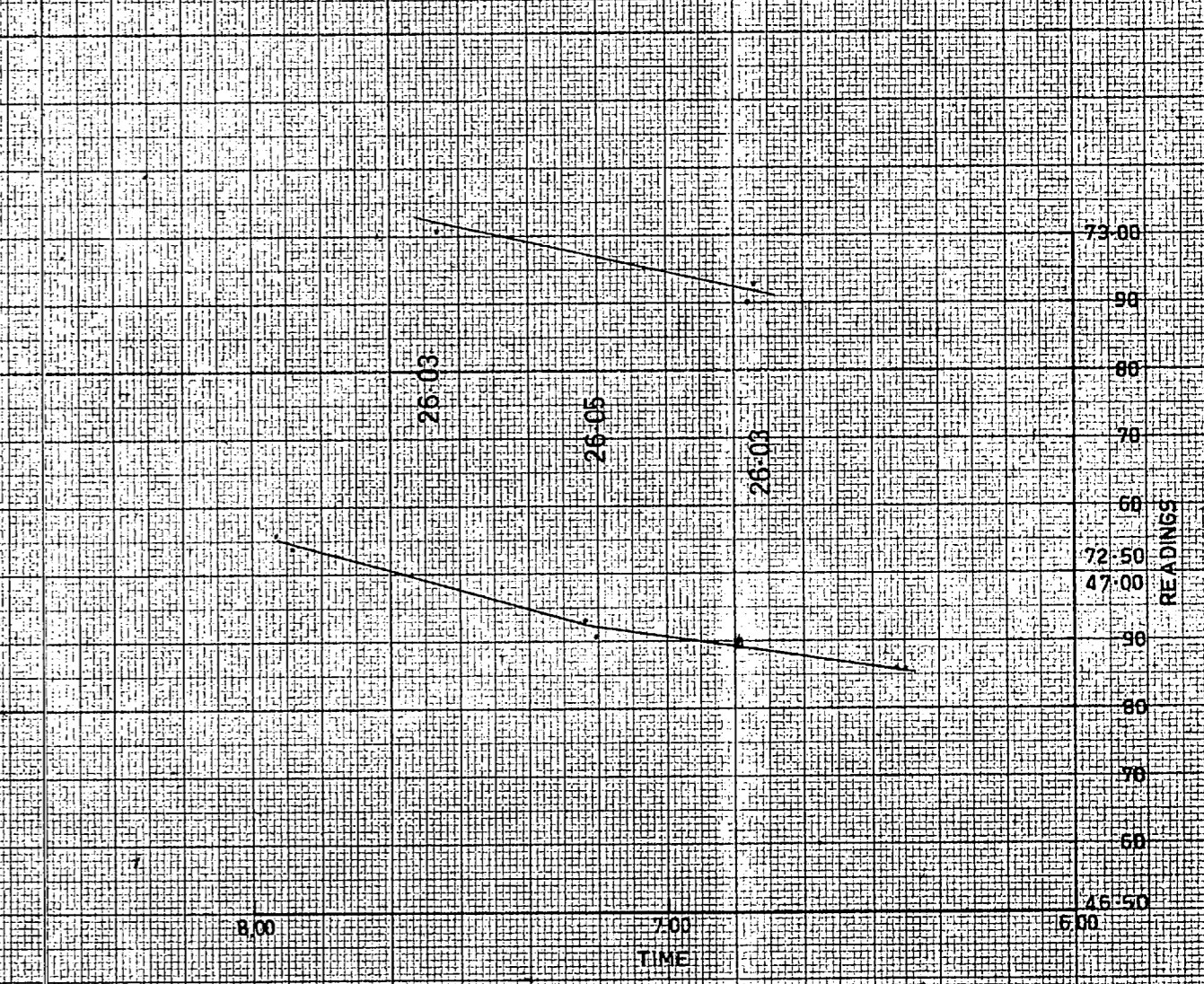
PEARCE POINT BASE CALIBRATION AW1-A26



SEPTEMBER 24th 1963

Value in Mgls 26.06 x 0.986 = 25.70

TEST OF WORDEN COEFFICIENT



NOVEMBER 11th 1963

Value of the coefficient K

25.70 / 26.04 = 0.9869

K = 0.986 (9) Mgls/Div