

Date Phase Record No.

Record :- 1960 Aug 17-18 (+17) []
 Duration :- 21 h 30 m - 03 h 30 m
 Time Analysed :- 21 h 30 m - 03 h 30 m

CROSS CALIBRATION.

	Beg.	End.
20 mA def. (D)	2.16	2.25
Cross Zero	6.06	5.97

$d = 0.1782 \times g(z) \times D$

$[g(z) = 1.00 \text{ --- from Table 1}]$

Time → Beg. 00+0 End

	Beg.	End								
D	2.20	2.20								
Cross Zero	6.04	6.00								
d	.39	.39								
2d	.78	.78								
3d	1.18	1.18								
4d	1.57	1.57								
5d	1.96	1.96								
6d	2.35	2.35								

NORTH/SOUTH READINGS.

$T = mA \times f(N/S) \text{ --- (for } f(N/S) \text{ see Tbl.2)}$

Time	A		B		C		D		E	
	mA	T	mA	T	mA	T	mA	T	mA	T
2200	2.1	84	2.2	84	2.2	79	2.3	85	2.3	90
2230	1.9	76	2.0	76	2.0	72	2.0	74	2.1	82
2300	2.0	80	2.0	76	2.0	72	2.0	74	2.2	86
2330	2.1	84	2.2	84	2.2	79	2.2	81	2.2	86
0000	2.0	80	2.1	80	2.1	76	2.1	78	2.2	86
0030	1.8	72	2.0	76	2.0	72	2.0	74	2.1	82
0100	1.7	68	1.8	68	1.8	65	1.9	70	2.0	78
0130	1.6	64	1.6	61	1.6	58	1.7	63	1.8	70
0200	1.5	60	1.6	61	1.5	54	1.7	63	1.7	66
0230	1.4	56	1.4	53	1.5	54	1.5	56	1.6	62
0300	1.3	52	1.3	49	1.3	47	1.4	52	1.5	59
0318	1.3	52	1.3	49	1.3	47	1.4	52	1.5	59

REMARKS :-

TIME	+ A -	+ B -	+ C -	+ D -	+ E -
2200					
		-4	1	-8	-23
		10	-6	2	-2
		(12)	(-10)	(-5)	(-50)
04	-6	-3	-10	-9	-4
	2	-1	1	-10	-1
	-2	2	-4	-11	9
	-3	2	2	-10	-3
	-9	0	-11	-40	1
08	-12	4	-10	5	-13
	8	6	7	-9	-6
	-5	0	-8	0	-13
	-11	-3	11	-9	0
	-20	7	0	-13	-32
12	-9	-3	-13	-3	-3
	5	-4	6	3	0
	-2	-15	-9	-10	-6
	-8	-11	-8	-9	-3
	-14	-33	-24	-19	-12
16	-1	-6	-2	-3	-7
	4	-6	7	-3	2
	-5	-11	-5	6	-5
	-14	-12	0	5	-11
	-16	-35	0	5	-21
20	-5	-4	-5	-7	-1
	5	-13	-6	-10	0
	-10	1	1	-9	-1
	1	1	1	-9	-15
	-9	-15	-9	-35	-12
24	-10	-3	4	-6	2
	-10	-4	-4	2	-10
	-8	0	-5	-2	3
	-2	10	-5	-2	-1
	-30	3	-10	-8	-6

TIME	+ A -	+ B -	+ C -	+ D -	+ E -
2228	1	3	-3	4	-14
	-3	1	-9	-11	-5
	-3	6	3	-2	-10
	-2	-2	—	—	—
	-7	8	(-12)	(-12)	(-39)
32	—	—	—	—	—
	—	0	-6	-13	0
	-2	-6	-2	-19	0
	-2	0	0	-1	-9
	(-8)	(-8)	(-11)	(-44)	(-12)
36	1	-2	-13	-2	-8
	-6	4	-13	-2	-2
	2	4	-2	9	-2
	-6	-5	6	0	1
	-9	1	-22	5	-11
40	-12	6	-10	-7	-13
	-2	-6	-4	-6	0
	-9	-11	-2	-7	-11
	0	0	0	-15	-6
	-23	-21	-16	-35	-30
44	-3	14	-10	-5	-2
	0	0	3	-2	14
	-5	2	2	-6	-19
	-9	-7	2	3	-8
	-17	9	-3	-10	-30
48	-4	7	-7	1	-2
	4	-3	0	-10	-11
	-6	3	-1	-2	-8
	-5	7	-3	-2	-1
	-11	14	-11	-13	-22
52	-10	0	-8	-2	-10
	-3	-10	-5	-1	0
	7	-10	-3	7	1
	8	9	-2	3	-5
	2	-11	-18	7	-14

TIME	+ A	-	+ B	-	+ C	-	+ D	-	+ E	-
22 56		-3	0		-8	3			-7	
		0	2		-1	-2			-7	
		1	9		5	-4		17		
		-11	7		-2	-13			-14	
		-13	18		-6	-16			-11	
23 00	1			-4	-14	3			7	
				-1	7	-12			0	
		-8		-2	-7	-3			-1	
		0		-1	7	3			-5	
		-15		-8	-7	-9			1	
07		2	0		4	-2			-2	
		-4	2		0	-3			-3	
		0	10		-3	-1			-3	
		5		-6	0	-11			-2	
		-1	6		1	-17			-10	
08		2		-2	-10	5			1	
		6		7	-3	-3			9	
		-4		-2	-4	-5			-2	
		-9		-10	-14	-4			3	
		-16		-7	-31	-7			11	
12	2			-11	8	-4				
		-2	3		7					
16		(0)		(16)	(28)	(6)				
		7		-9	0	-6			7	
		9		-9	0	4			12	
		-1		-10	6	5			-6	
		(20)		(-37)	(8)	(4)			(17)	
20	1			-2	-1	8			-2	
		-1		-4	4	4			-5	
		2		-1	-10	3			-11	
		-3		-3	-4	7			0	
		-1		-10	-11	+16			-18	

TIME	+ A	-	+ B	-	+ C	-	+ D	-	+ E	-
28 28		-2		-6		-5		-10		-7
		-2		-2		1		-5		-14
		0		0		-1		-4		-5
		-7		-4		-9		-12		-2
		-11		-12		-14		-20		-28
28		-2		0		1		-7		-7
		-2		0		0		-3		-1
		7		-2		-1		-11		6
		1		5		3		-9		6
		4		3		3		-20		4
32		5		1		-12		-9		-5
		-7		-3		-9		-3		0
		0		-3		-4		0		4
		-5		-4		6		2		-10
		-7		-9		-19		-11		-11
36		5		16		-3		8		-2
		-4		-5		-2		-3		-8
		-1		-4		3		-2		8
		4		3		-5		2		4
		4		10		-7		5		2
40		-3		-2		0		0		-2
		0		-8		-8		-4		-6
		2		-4		6		6		-10
		0		-2		3		5		-3
		-1		-26		1		7		-21
44		-								
48		-		2		7		-8		4
		8		-3		1		0		-2
		1		-3		5		-7		4
		3		-4		-6		2		-5
		(16)		-8		7		-13		1

TIME	+ A	-	+ B	-	+ C	-	+ D	-	+ E	-
23 52		-2	6		-12		-8		2	
		-12	8		0		6		-7	
	1		7		-5		-7		4	
		-2		-4	-10		-3		-2	
		-15	17		-27		-12		-3	
56	7			-6	5		0		-3	
		-2		-1	8		1		-5	
		-10	1		-9		6		-8	
	0			-11	-8		4		0	
		-5		-17	-4		11		-16	
00 00		-2	0		-10		-3		-2	
		-8		-2	3		-2		-2	
		-3		-2	-8		-3		-8	
		-3		-3	2		6		-2	
		-16		-7	-13		-2		-14	
04		-5	6		2		-5		1	
	2		8		-2		5		4	
	3		1		0		2		-5	
		-8		-3	-1		-2		-4	
		-8	12		-1		0		-4	
08	1			-5	-2		4		7	
		-5		-5	-8		-10		-7	
		-5		-5	-		-		-	
		-		-	-		-		-	
		(-12)		(-20)	(-20)		(-12)		(0)	
12		-13		-12	0		-4		-7	
		-3	2		-10		2		7	
	5		2		-5		-2		3	
		-			-		-		-	
		#(-15)		(-11)	(+20)		(-5)		(4)	
16	4			-1	-3		5		4	
	0		4		0		0		-2	
	5			-3	-9		-2		4	
		-9		-10	3		2		-6	
	0			-10	-9		2		0	

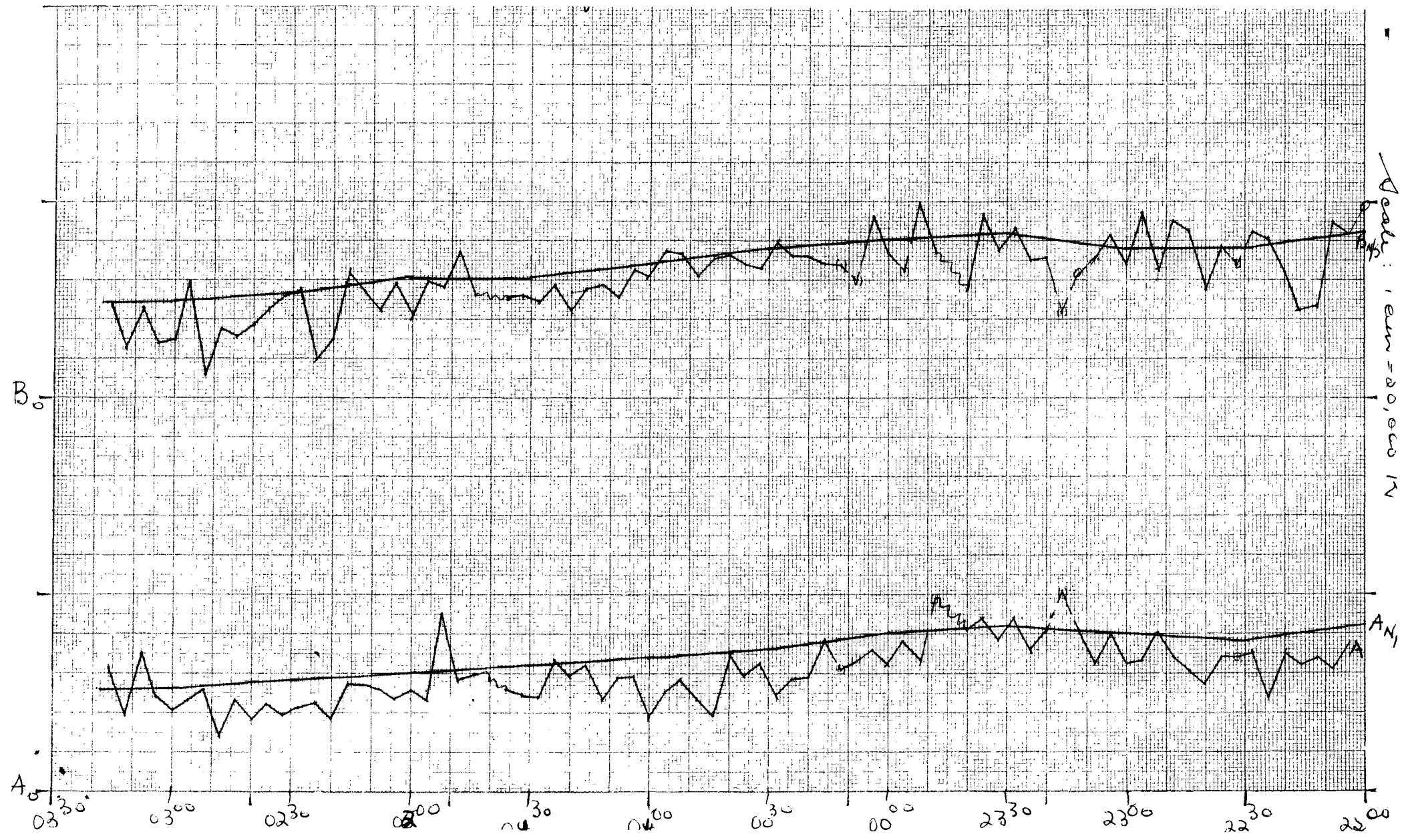
TIME	+ A	-	+ B	-	+ C	-	+ D	-	+ E	-
20	1		0		-5		-12		-11	
	5		4		-1		-7		-1	
		-13		-10	7		-6		2	
		-10		0	-8		-2		-9	
		-17		-6	-7		-27		-19	
24		-3		-2	-6		-3		-10	
		-11		0	-2		-3		0	
		-1		-1	-3		-3		0	
		-2		-2	-5		6		-2	
		-17		-5	-16		-3		-12	
28	2		3		-2		-1		-3	
		-3		-8	6		-4		0	
		-13		0	0		-5		6	
		-8		7	8		-9		8	
		-23		2	12		-19		11	
32	2		3		-2		2		-8	
	4			-2	0		0		5	
	0			-9	6		1		0	
		-13		-2	-4		-2		-7	
		-7		-10	2		1		-10	
36		-9		-11	-9		-10		-3	
		-10		11	-3		7		-3	
	5		5	-5	-7		-3		-6	
	1			-2	-7		-10		1	
		-13		-7	-24		-16		-11	
40		-2		1	5		-2		-10	
	2			-9	-2		-10		0	
	5		0		-2		8		-3	
	6		7		-10		-4		-8	
	-1		-1		-9		-8		-21	
44		-13		-8	-2		4		-4	
		-1		8	8		-7		-1	
		-9		0	-3		-8		2	
		-8		-1	3		-6		0	
		-31		-1	6		-17		-3	

TIME	+ A -	+ B -	+ C -	+ D -	+ E -
02 48	-7	-1	-2	0	1
	-4	1	2	-13	4
	-10	-10	10	-6	-7
	-2	0	14	1	-9
	-23	-10	-4	-18	-11
52	-2	4	-10	1	4
	-2	-9	-1	-5	-7
	0	10	-7	-8	8
	-8	-2	-4	-2	8
	-14	3	-22	-14	-3
56	-4	-5	2	1	7
	-15	8	1	-5	1
	2	2	1	-13	-12
	-2	0	-4	0	-12
	-17	5	0	-17	-16
04 00	-8	9	-20	-8	-8
	-12	-1	0	9	-9
	1	-8	-5	7	-10
	-11	-6	0	-7	4
	-30	-6	-25	-13	-23
04	-4	-10	1	-8	-14
	-6	0	-6	0	-3
	2	4	7	4	-3
	-1	4	-3	-9	-9
	-9	-2	-1	-13	-29
08	-5	-4	2	0	4
	1	-5	-3	2	5
	-3	1	-6	1	-9
	-2	-7	-6	4	5
	-9	-15	-13	7	5
12	-9	-11	-5	-10	1
	-6	7	4	-16	-9
	-2	-5	-14	-2	-9
	-2	3	5	-7	-2
	-19	-7	-10	-35	-18

TIME	+ A	-	+ B	-	+ C	-	+ D	-	+ E	-
044		-9		-5		-9	8		3	
		-3	7			-1		2		-9
	1			-5	0			-3		-71
	9			-6	0		4			-7
	1	-2		-9		-10		-3		-24
48		-6	4			-8	1		0	
		-3	1			-3	0			-5
		-3	2		0			-10		-11
	7		6		3		1		4	
		-5	13			-8		-8		-12
82	2			-6		-1		-6		-5
	6		8			-3	4		2	
	11			-6		-1		-2		-4
	10			-1	9		0			-6
	29			-5	4			-8		-13
56	0			-4	6			-6	0	
	4			-3		-5		-8		-7
		-13	9		4			-14		-4
		-5		-3		-10		-1		-8
		-14		-1		-5		-29		-19
200	2			-8		-18		-10		-13
	1		8			-5	0			-1
		-1		-10		-5		-1	1	
		-11		-9	4			-2	3	
		-9		-19		-21		-13		-10
04		-10		-5	2		3			-2
	0		1		3		1		4	
		-3	2			-8	7		1	
	0		0			-2	0			-1
		-13		-2		-5	11		2	
08	0			-8	2		5			-2
		-3	5			-4	6			-6
		-2	1			-8		-3		-8
		-2		-13	2			-1	2	
		-7		-15		-8	7			-14

TIME	+ A -	+ B -	+ C -	+ D -	+ E -
02	0	-2	-11	-2	-5
	6	4	5	-9	3
	2	-1	-10	0	-13
	0	5	2	-1	-16
	-4	-4	-14	-12	-31
16	-5	1	-8	0	-1
	0	3	-9	-2	-2
	4	4	5	-2	-4
	-3	-2	-1	-2	-1
	-4	6	-13	-6	-8
20	-10	-9	4	2	-2
	1	-7	-2	-9	1
	-10	-1	-3	-3	2
	-2	-9	-8	-9	-6
	-21	-26	-9	-19	-5
24	2	-13	-4	1	9
	2	-8	4	8	-2
	-17	-8	2	2	2
	1	-5	-2	3	7
	-12	-34	0	14	16
28	-10	3	0	6	-1
	-3	4	-4	-8	-8
	0	-1	0	-1	-8
	-1	-5	-1	-11	-8
	-14	1	-5	-14	-25
32	5	-2	-2	3	0
	-5	-2	-6	0	-13
	-10	5	-3	-5	5
	-7	-2	-1	-5	-5
	-7	-1	-12	-7	-13
36	0	-2	6	-5	-10
	-5	-9	-5	7	-7
	0	1	-1	-3	-3
	-7	3	-8	-1	-4
	-12	-7	-5	-2	-24

TIME	+ A -	+ B -	+ C -	+ D -	+ E -
0240	1	-2	-3	-2	-1
	-13	-3	1	1	-1
	-7	0	5	-10	-7
	0	-10	4	-10	3
	-19	-15	7	-10	-6
44	-2	-4	-5	0	-3
	1	1	-8	6	-3
	4	-3	-13	-12	2
	-11	-14	-12	-6	-4
	-8	-26	-38	-12	-8
48	-10	-5	0	-2	-10
	-1	-4	-9	-6	-13
	-7	0	1	0	-7
	-8	-7	-10	-6	-13
	-26	-16	-18	-14	-43
52	2	-8	-5	0	-5
	-6	8	-7	4	-10
	4	-10	-5	2	4
	-2	-12	-17	2	-6
	-2	-38	-34	8	-17
56	-5	0	-10	2	3
	-3	-5	-9	-4	-7
	6	3	-2	0	-12
	-4	1	-3	-13	-4
	-6	+9	-24	-15	-20
0300	-1	-8	-1	-6	-9
	-4	2	-10	-7	-8
	-2	-14	-10	-8	-1
	-3	0	-4	4	-2
	-10	-20	-25	-17	-20
04	6	-1	-1	-7	-7
	-8	-16	-12	-3	-6
	0	3	-10	-11	8
	-2	-7	4	-1	-5
	-4	-21	-19	-22	-13



Reading: 1 cm = 20,000 V

A_N

