(52
51
91

1947年

十一月

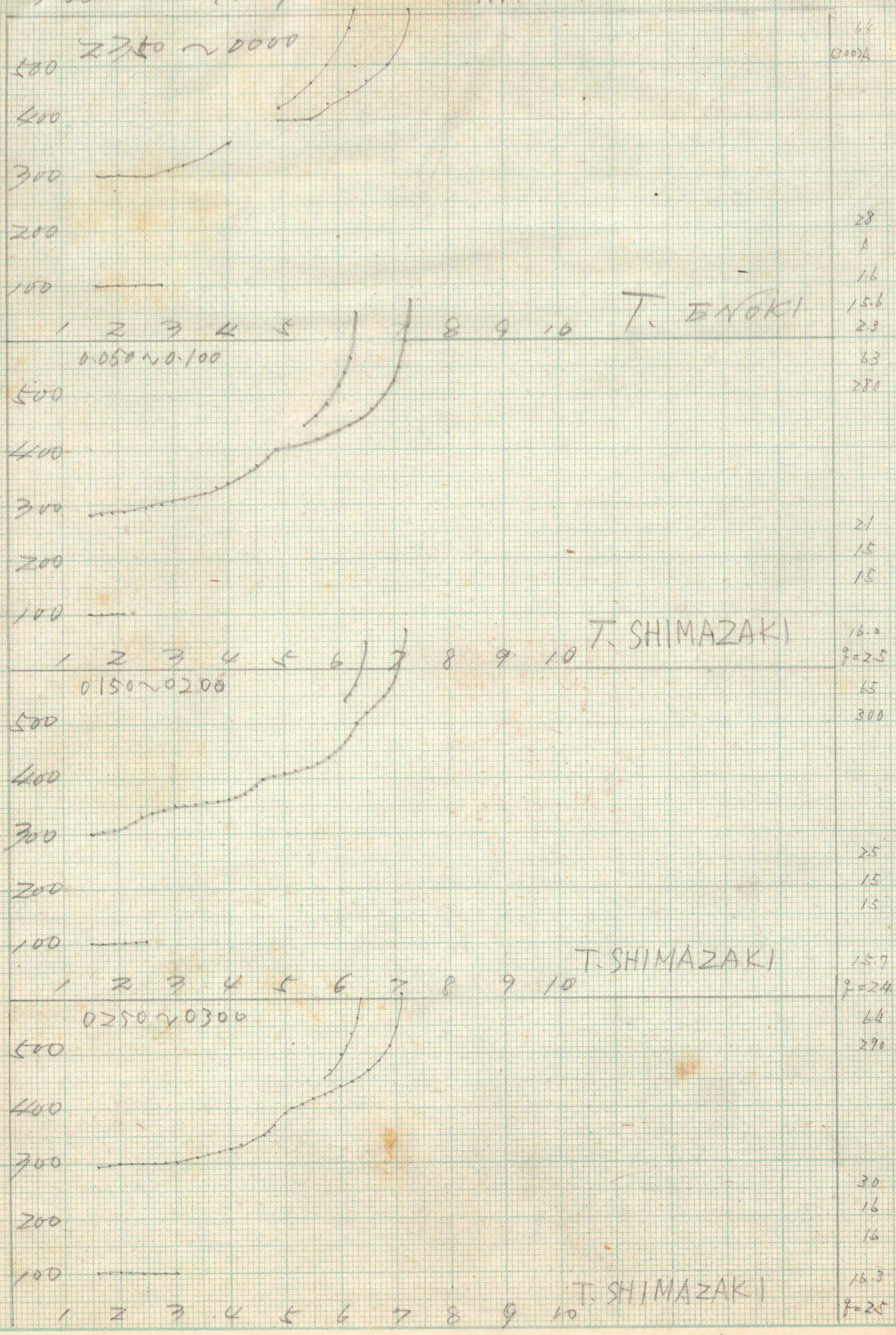
稚内

I(524.
51)
91

91



1st NOV 1947 WAKKANAI No 4581



1 th Nov 1947 WAKKANAI. NO. 4582

0350~0400

500
400
300
200
100

送信機不良ニツキ停波ス

T. Shimazaki

C 300
23
16
16
F=C

1 2 3 4 5 6 7 8 9 10

0450~0500

500
400
300
200
100

T. Shimazaki

C 300
E
20
E
F=C

1 2 3 4 5 6 7 8 9 10

0545~0600

送信機不良ニツキ調整ス

C

500
400
300
200
100

T. Shimazaki

1 2 3 4 5 6 7 8 9 10 11

0650~0700

500
400
300
200
100

C
210
Q
Q
B
B
B
20
B

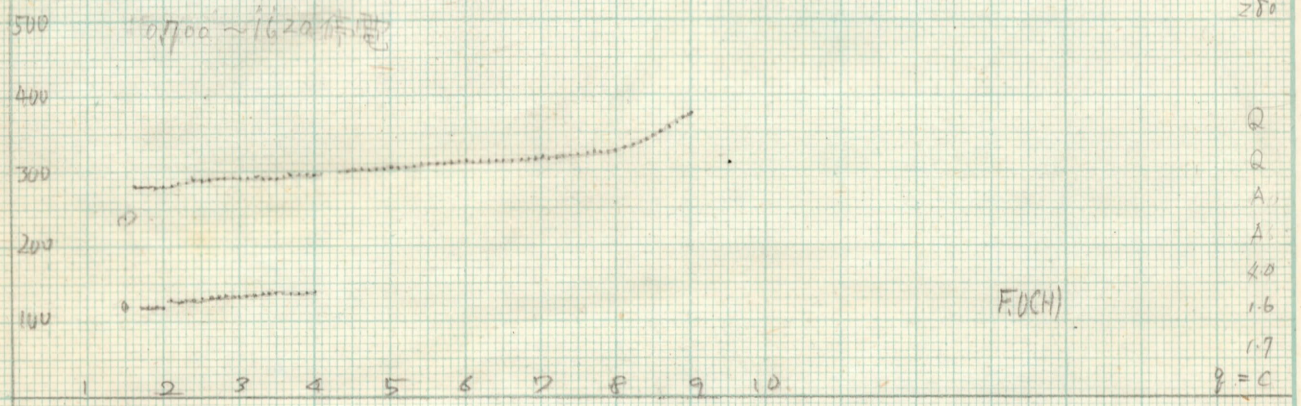
T. Shimazaki

F=C

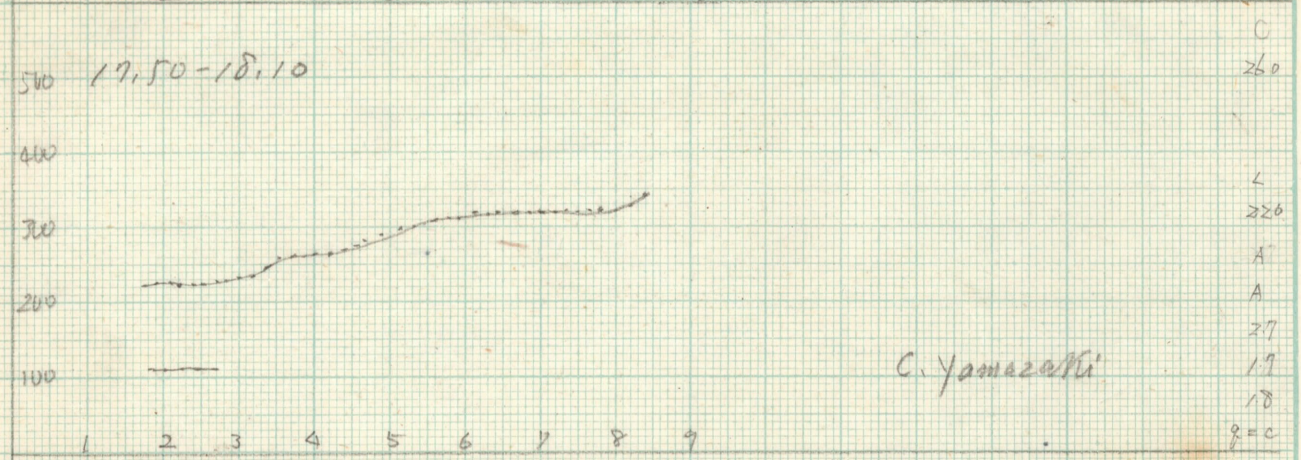
1 2 3 4 5 6 7 8 9 10 11

1 th Nov. 1947 WAKKANAI No 4583

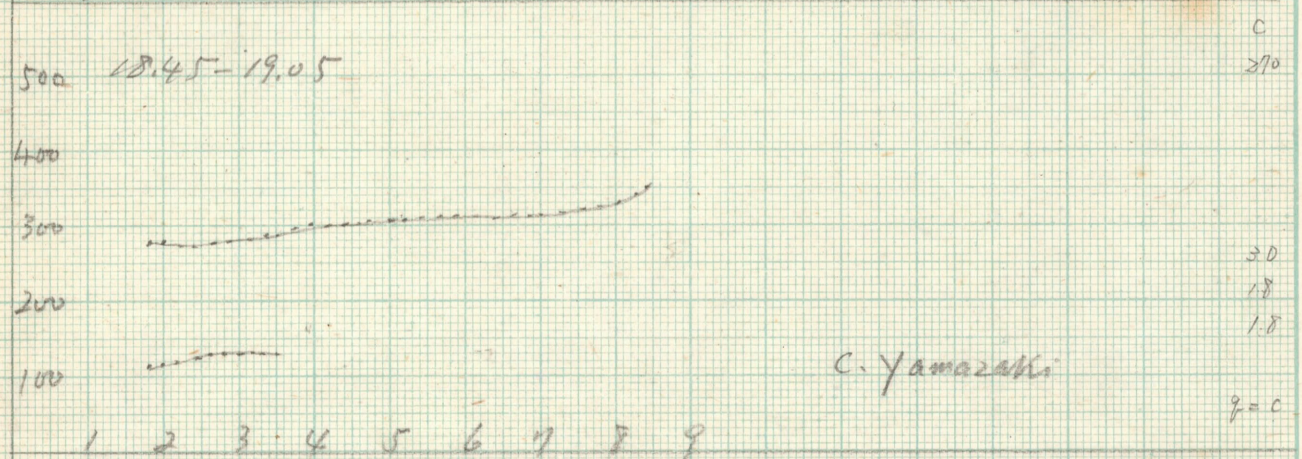
1645 – 1658



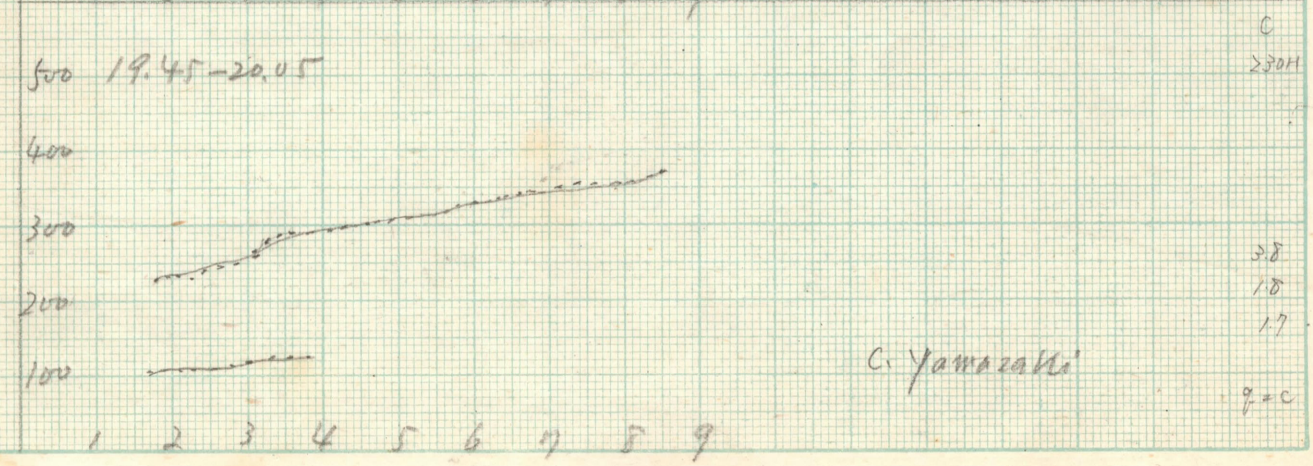
1750 – 1810



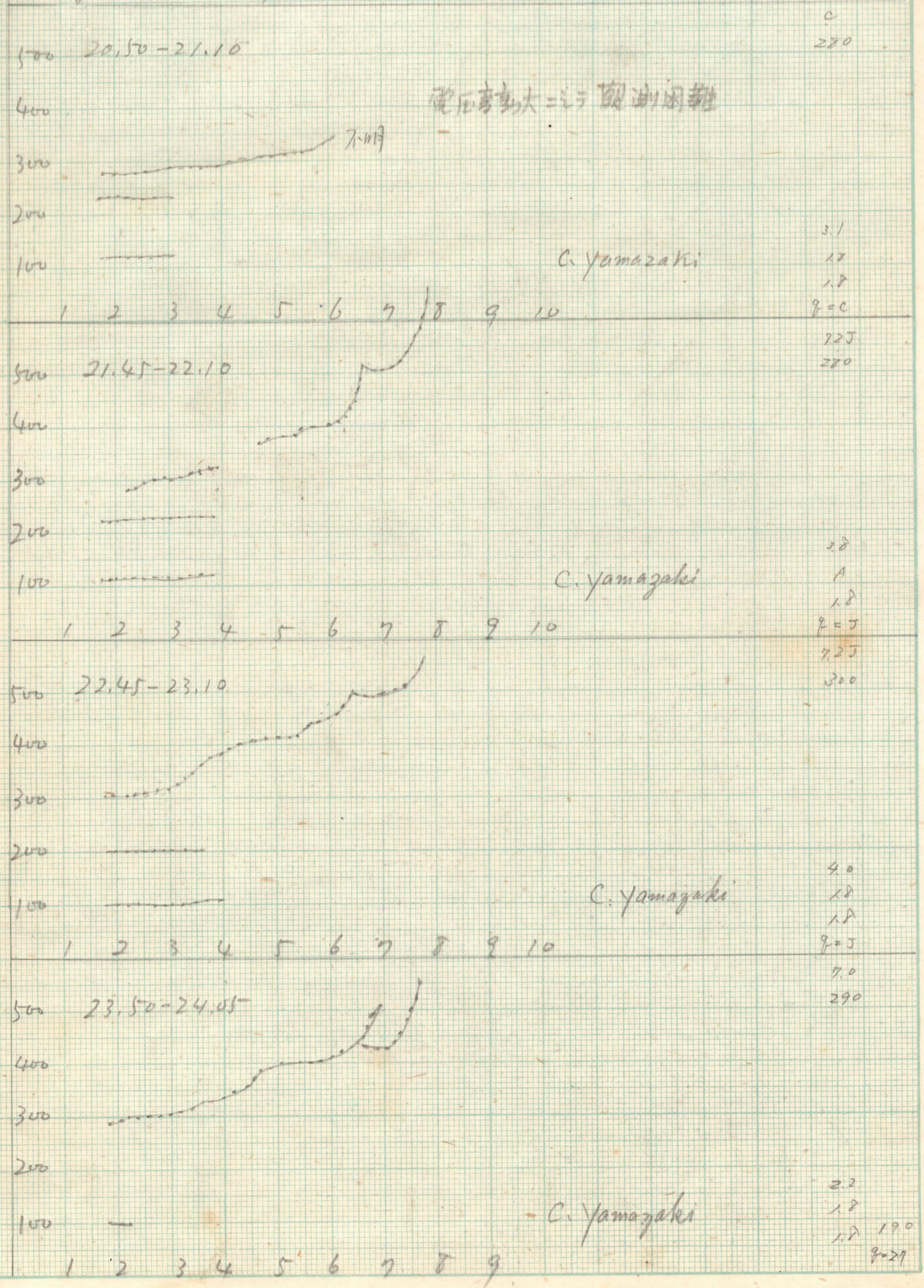
1845 – 1905



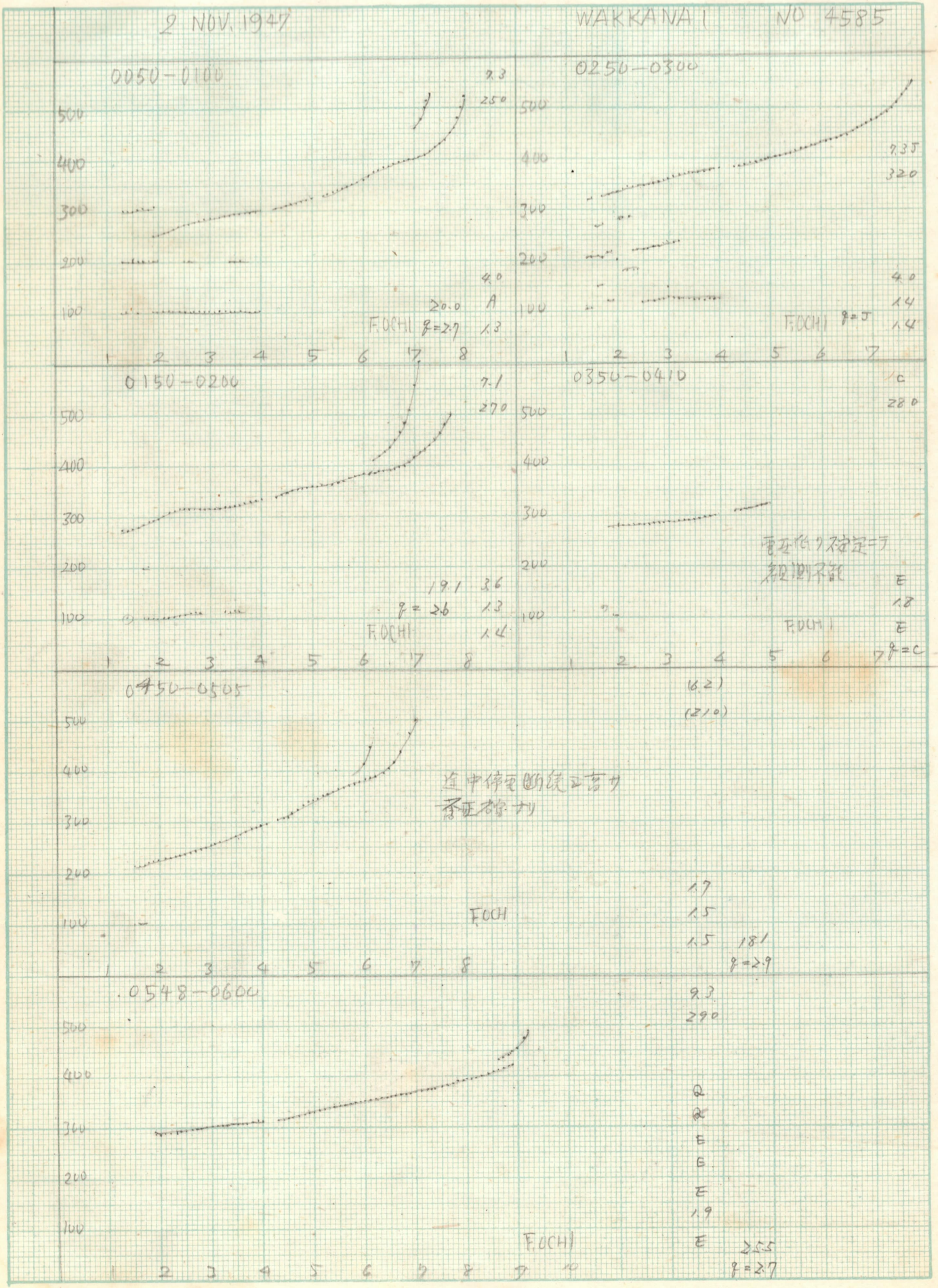
1945 – 2005



6th NOV. 1947 WAIKANAI NO. 4584

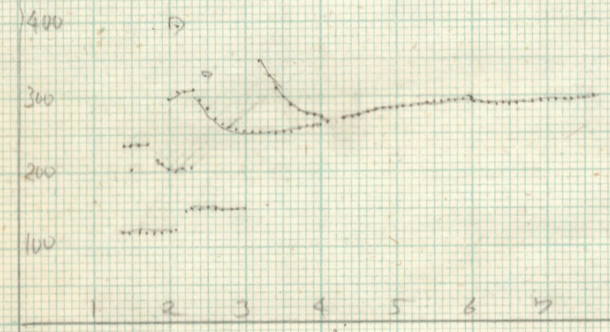


2 NOV. 1947 WAKKANAI NO 4585



2 NOV 1949 WAKKANAI IVO 4586

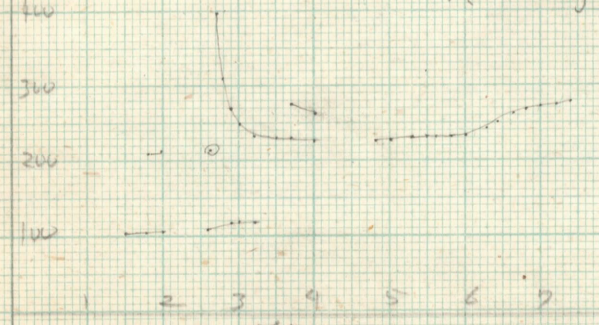
0645-0658



C
250
Q
Q
A
A
2.0
2.3
1.4
q = c

F.OCHI

0747~0758

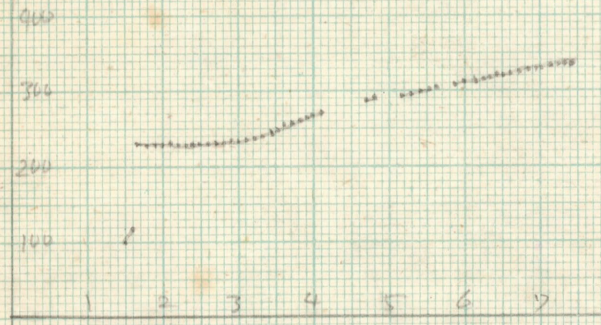


0758 停電

C
230
Q
Q
B
1.00
3.2
2.7
1.5
q = c

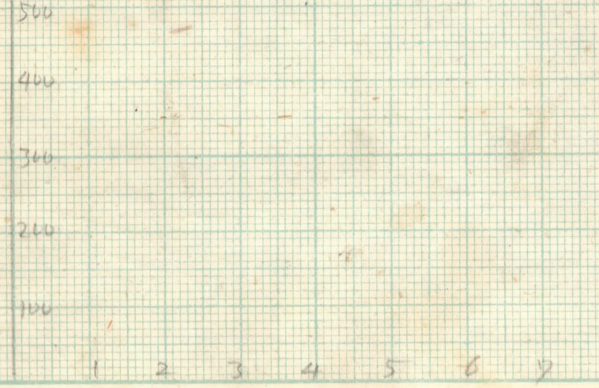
A. Minobe

0758—1640 / 1645~1700



C
230
Q
Q
B
B
1.6
1.6
1.5
q = c

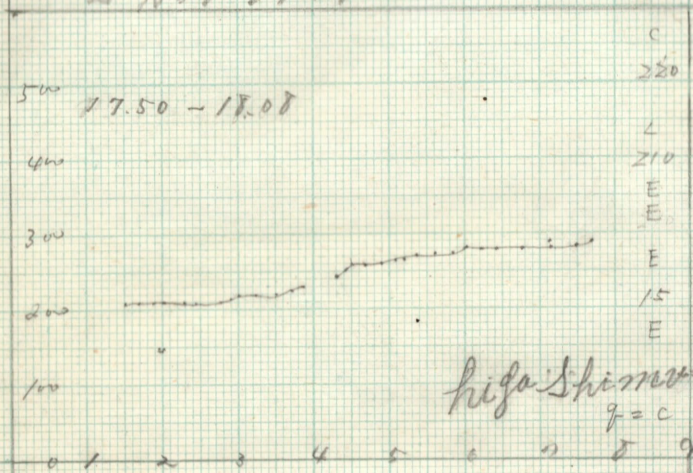
F.OCHI



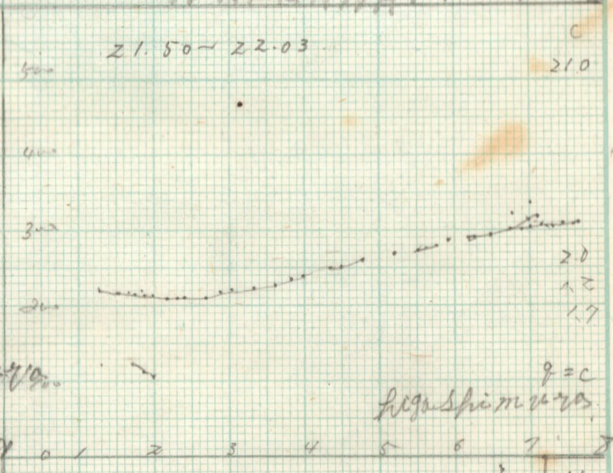
2 Nov 1947

WAKKANAI No 4587

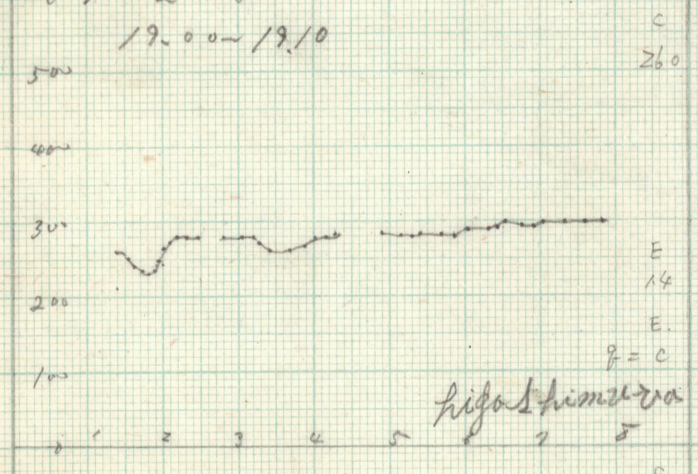
17.50 ~ 18.08



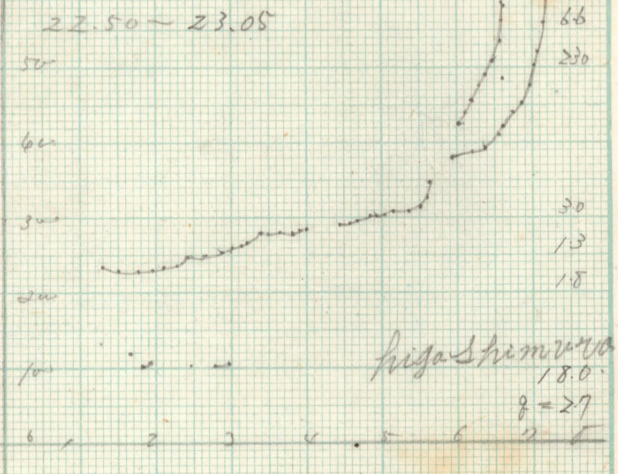
21.50 ~ 22.03



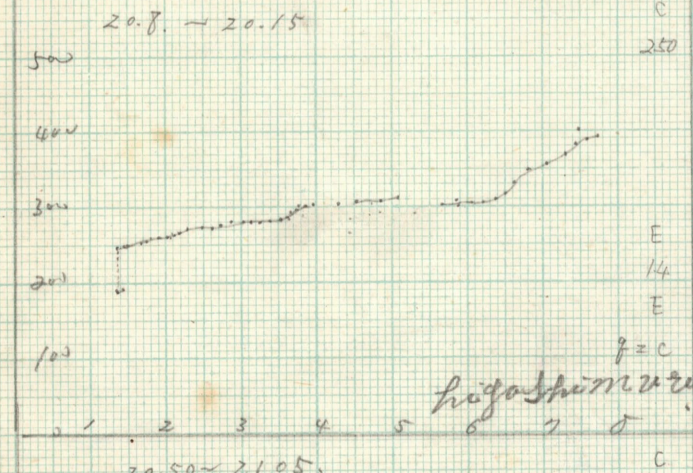
19.00 ~ 19.10



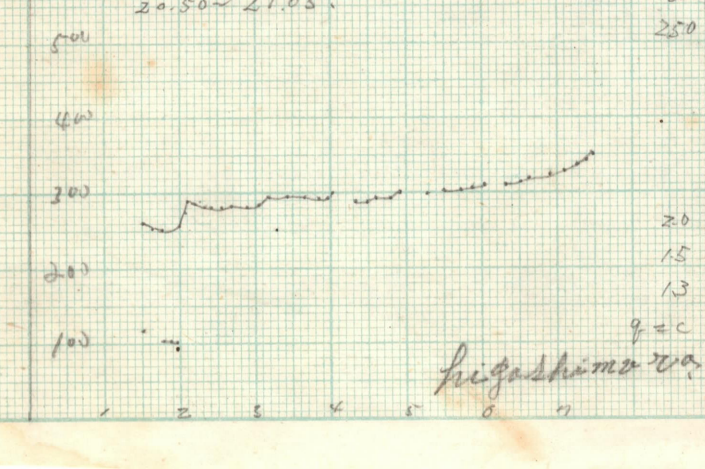
22.50 ~ 23.05

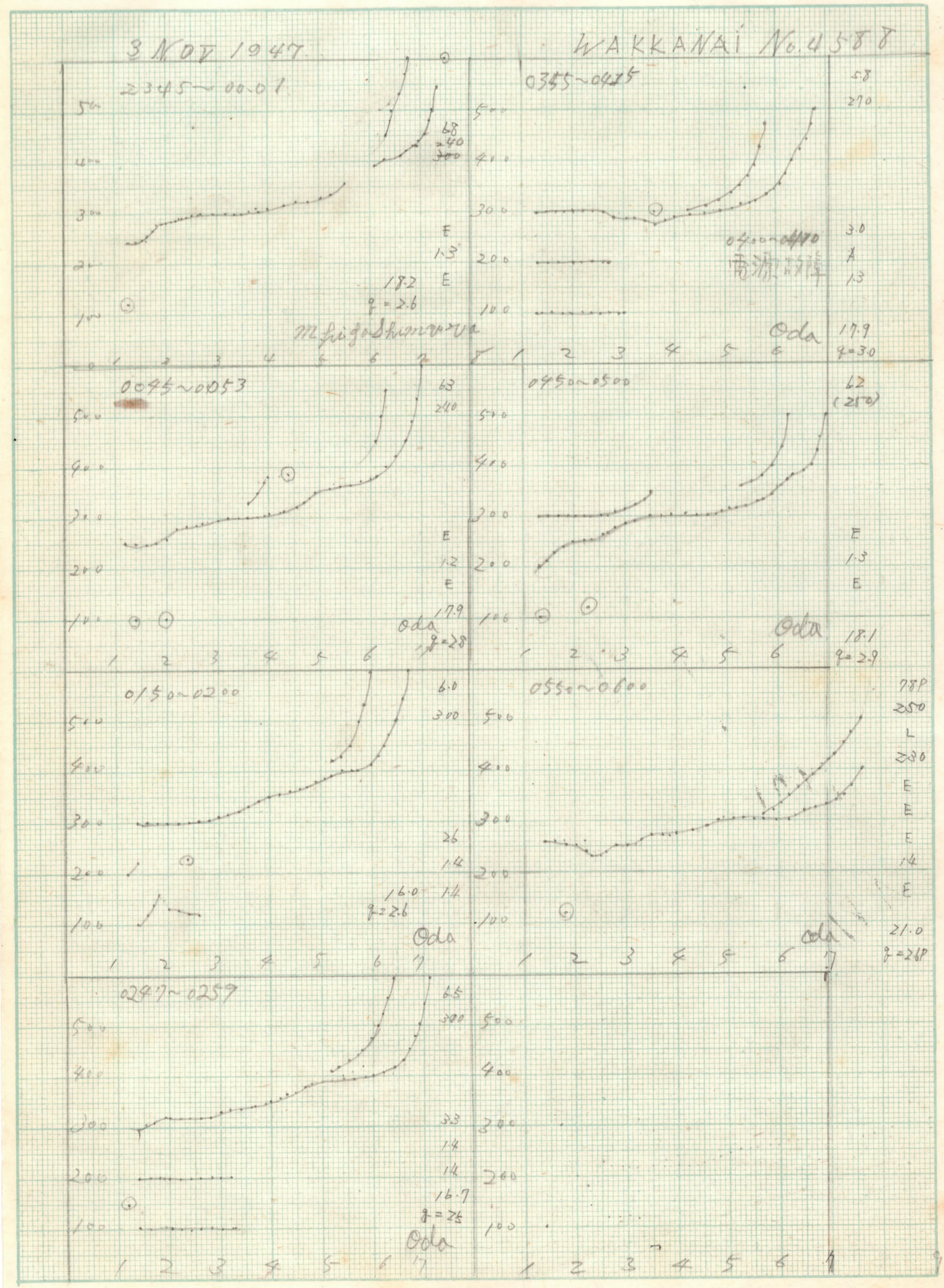


20.8 ~ 20.15

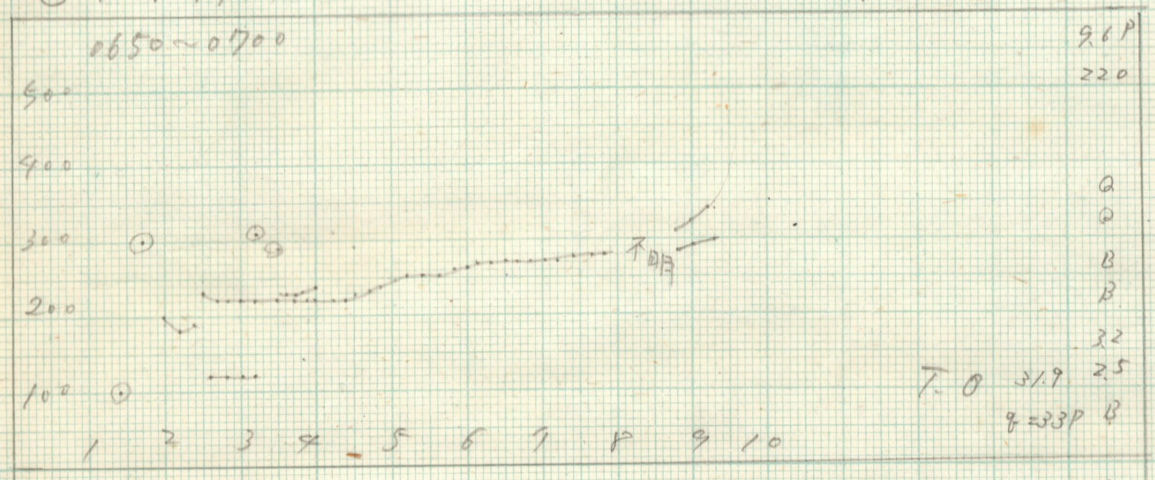


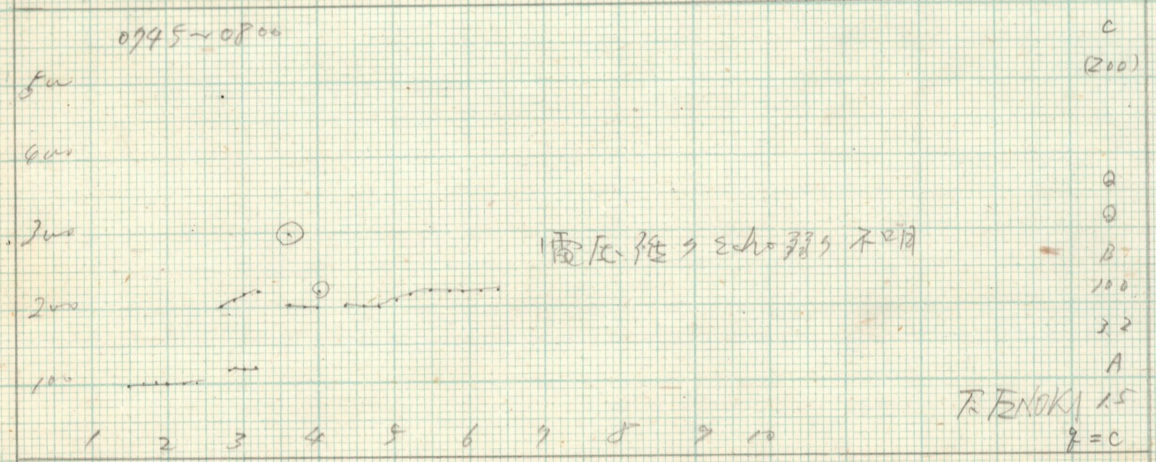
20.50 ~ 21.05.

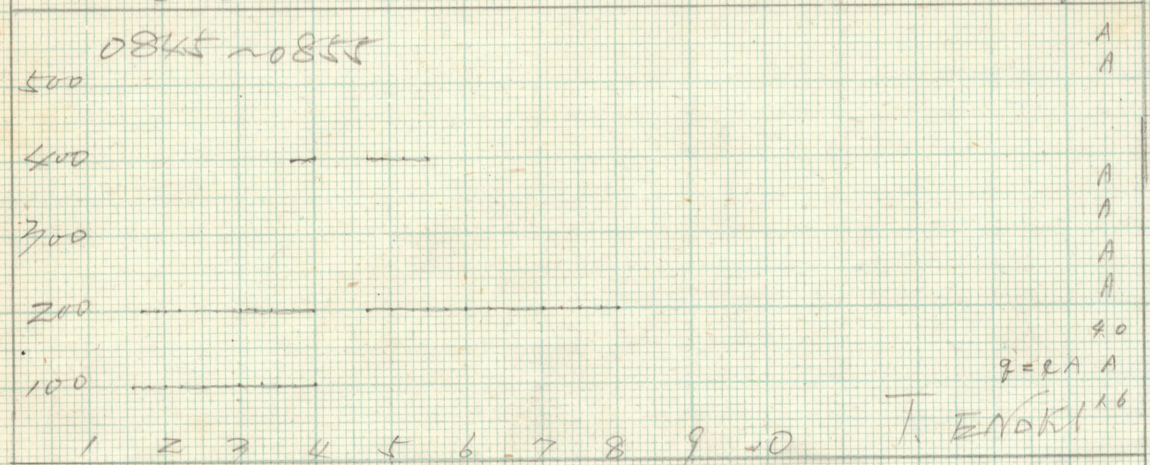


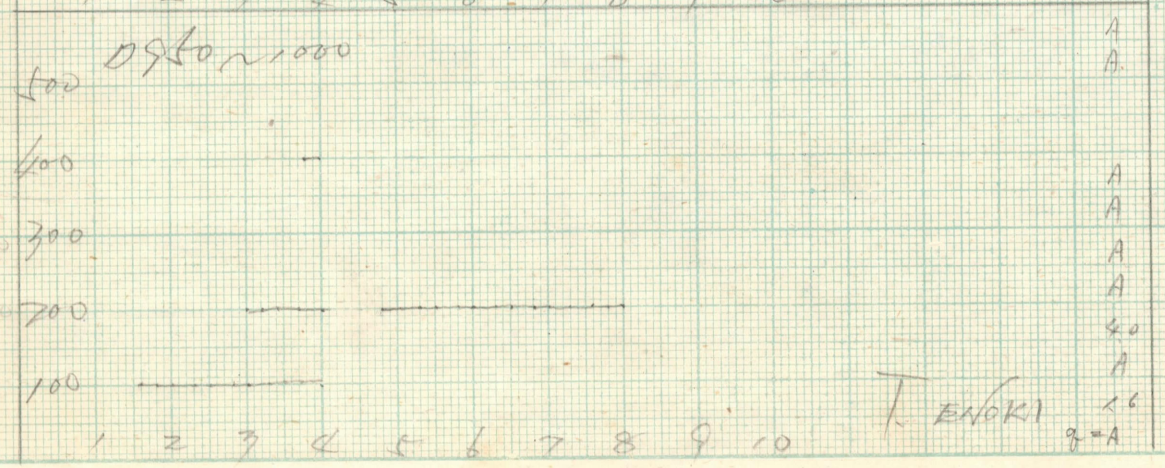

3 NOV 1947
WAKKANAI No.4588
2345~0001
0355~0425
0045~0053
0450~0500
0150~0200
0550~0600
0257~0257
Mifuji Shimizu
Oda
Oda
Oda
Oda
Oda

3 NOV 1947 WAKKANAI No 4589

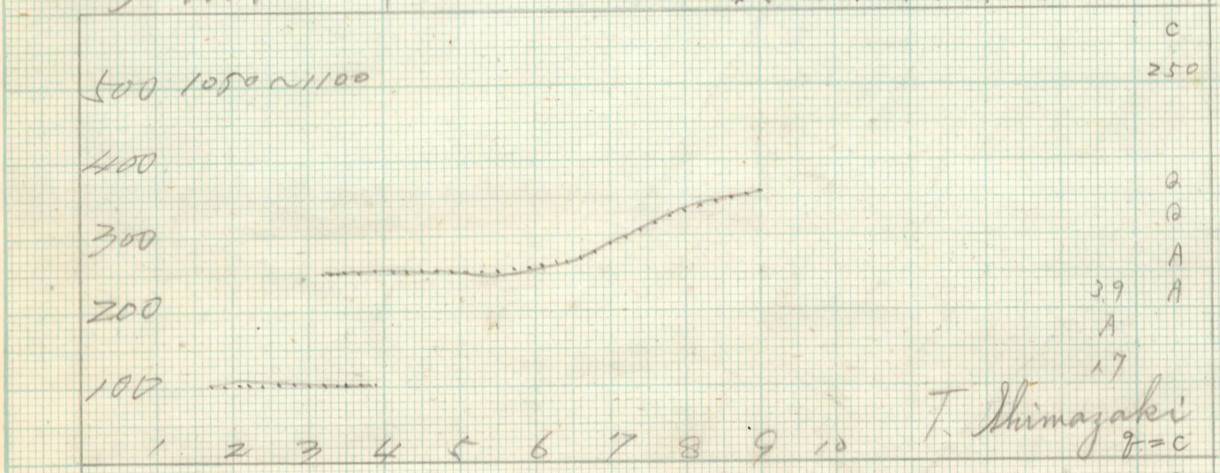


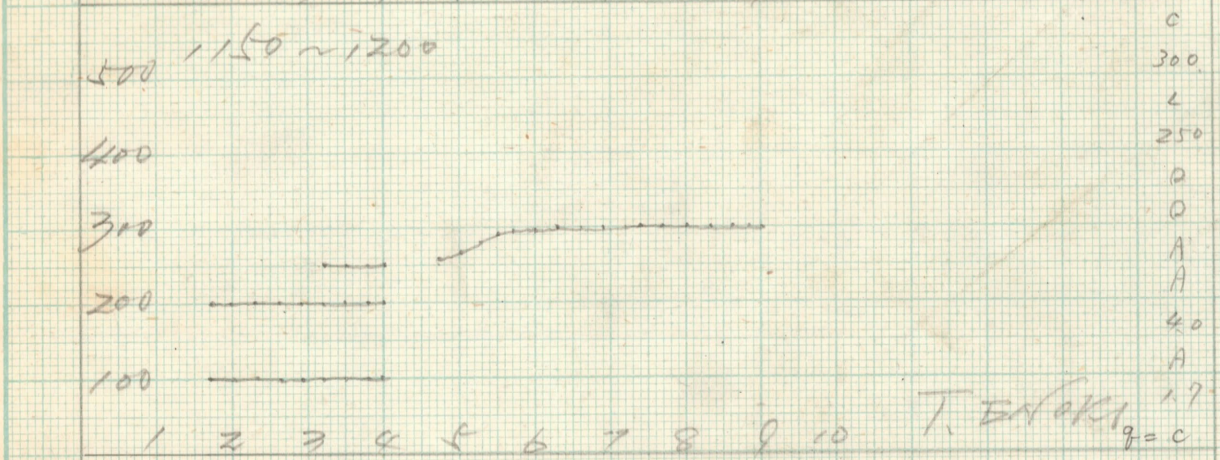


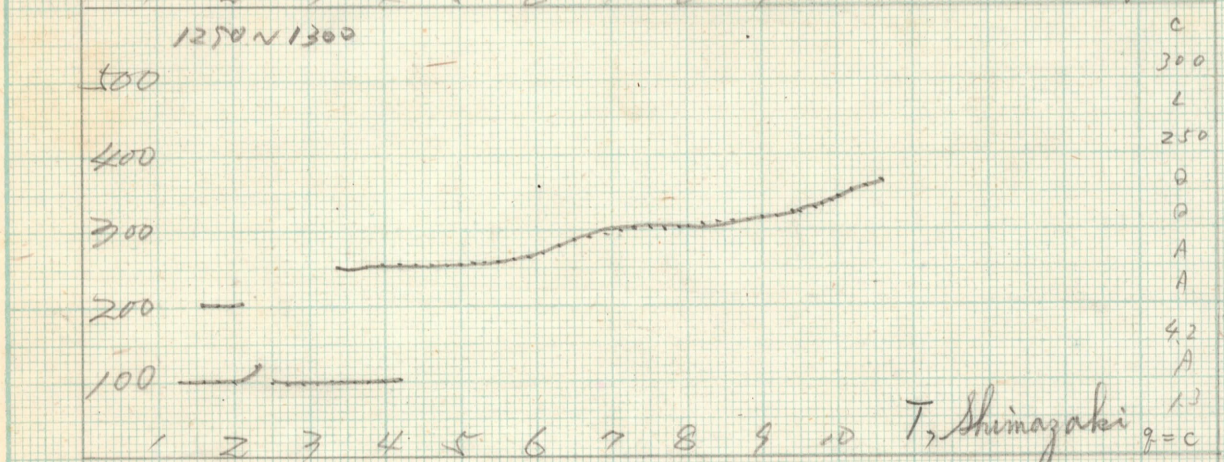


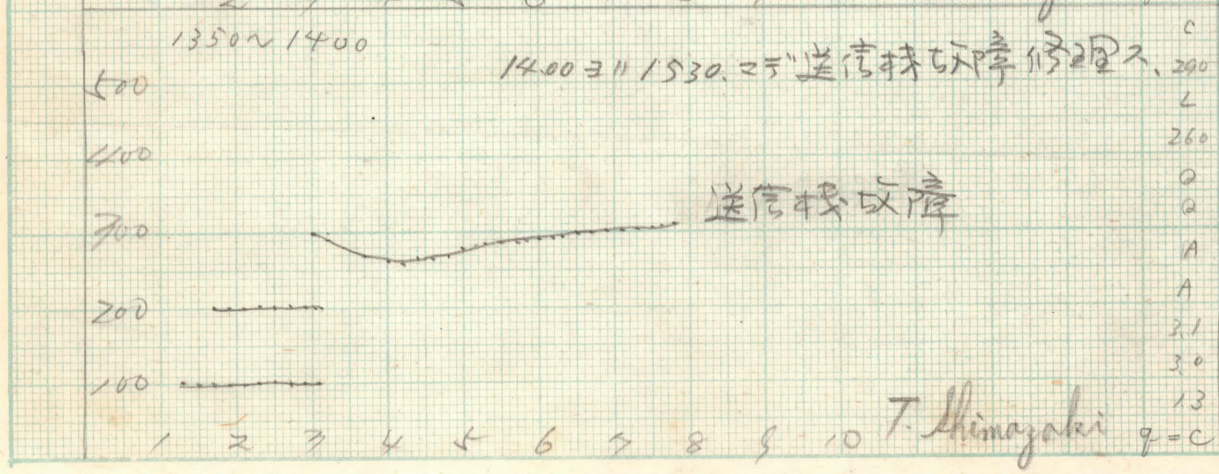


3 NOV 1947 WAKKANAI No 4890



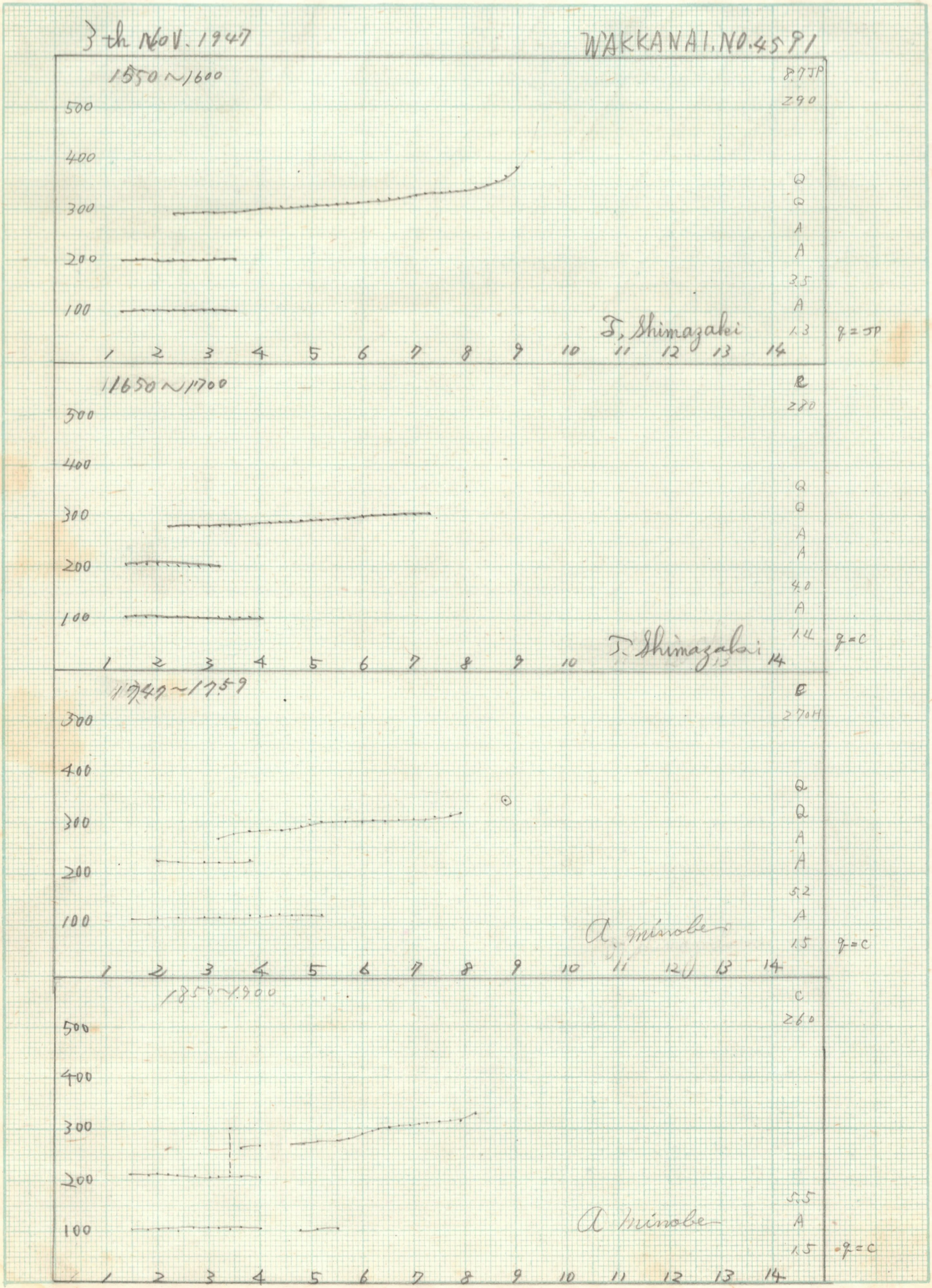






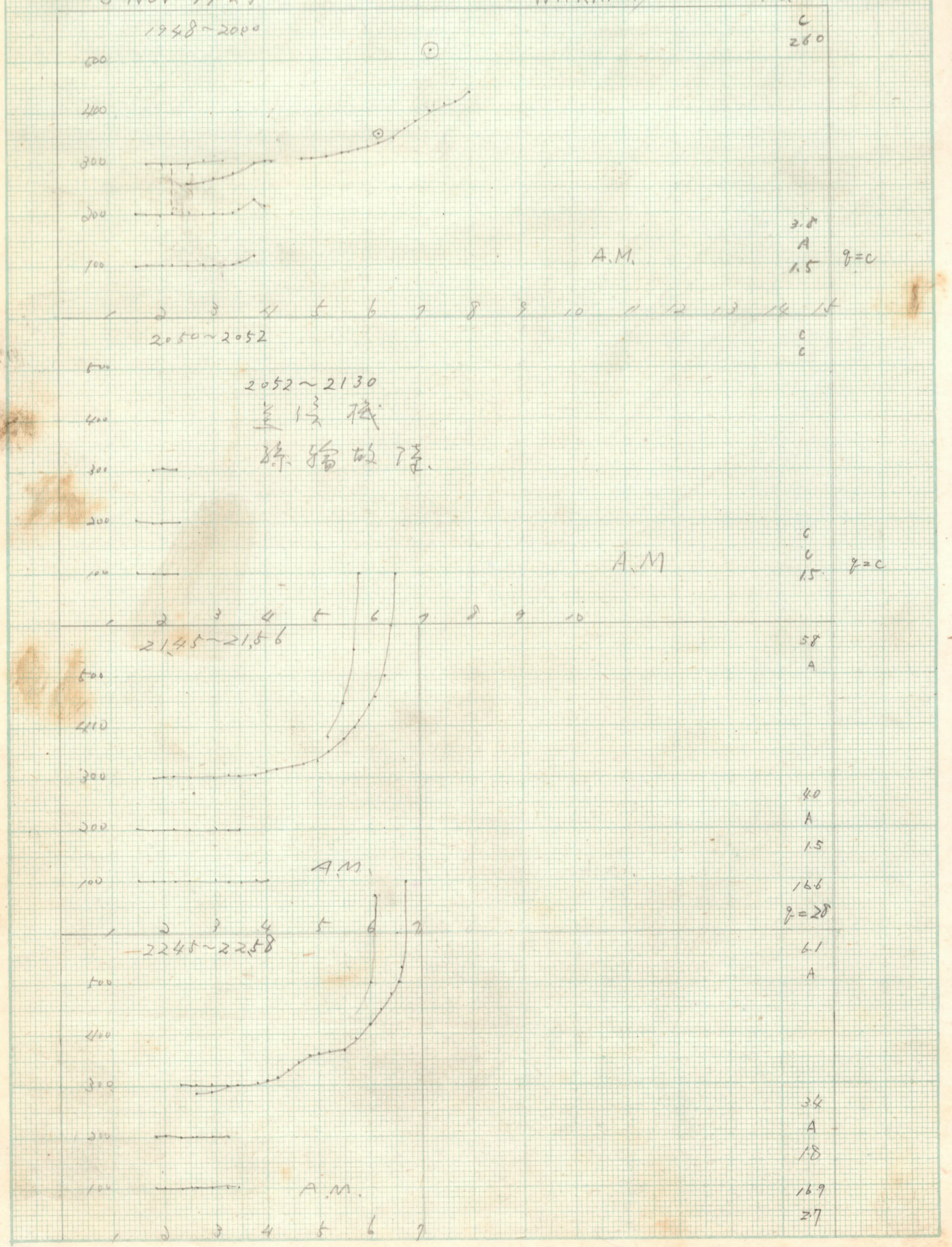
3th Nov. 1947

WAKKANAI. NO. 4591



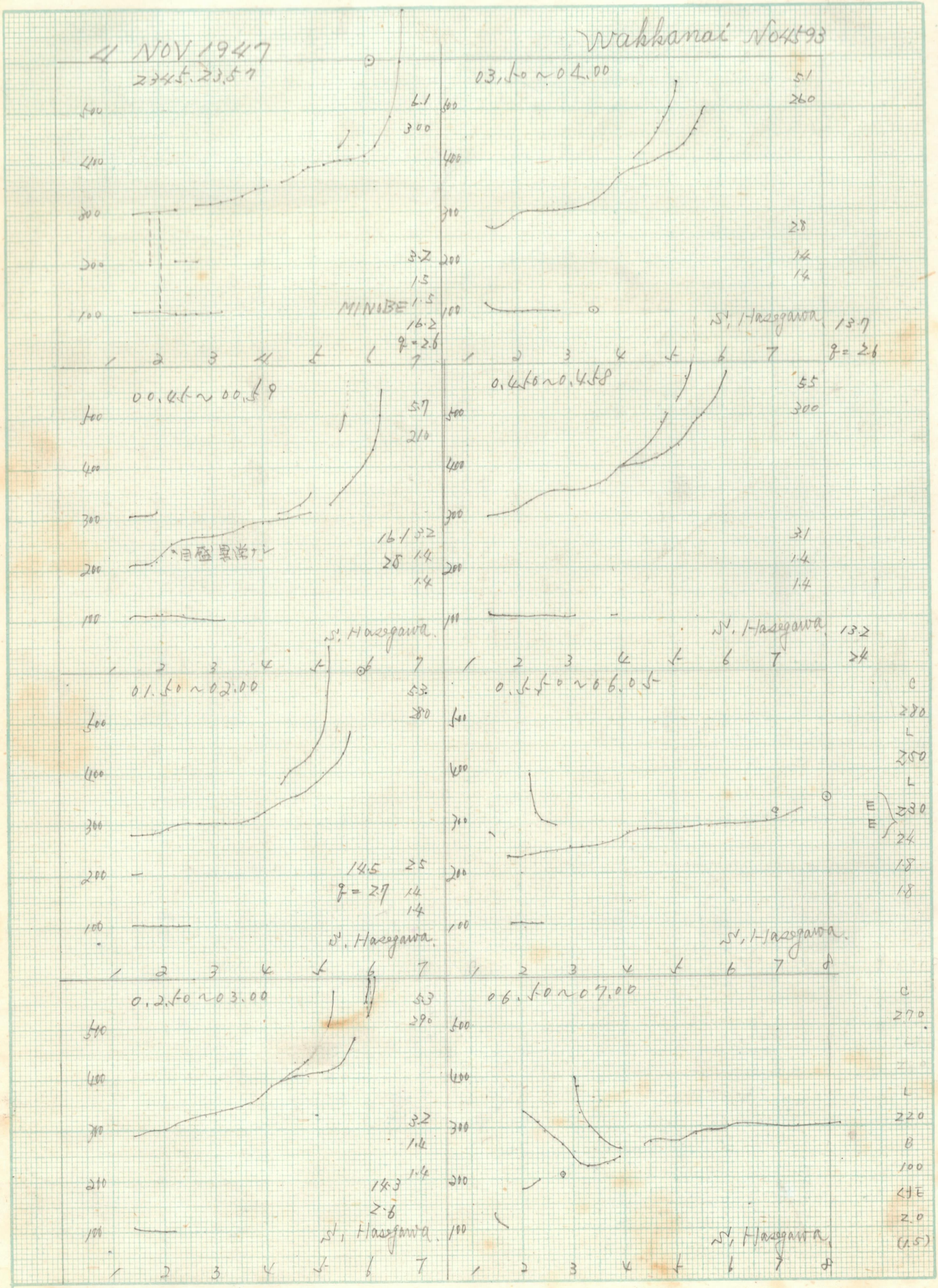
3 NOV 1947

WAKKANAI No 4592

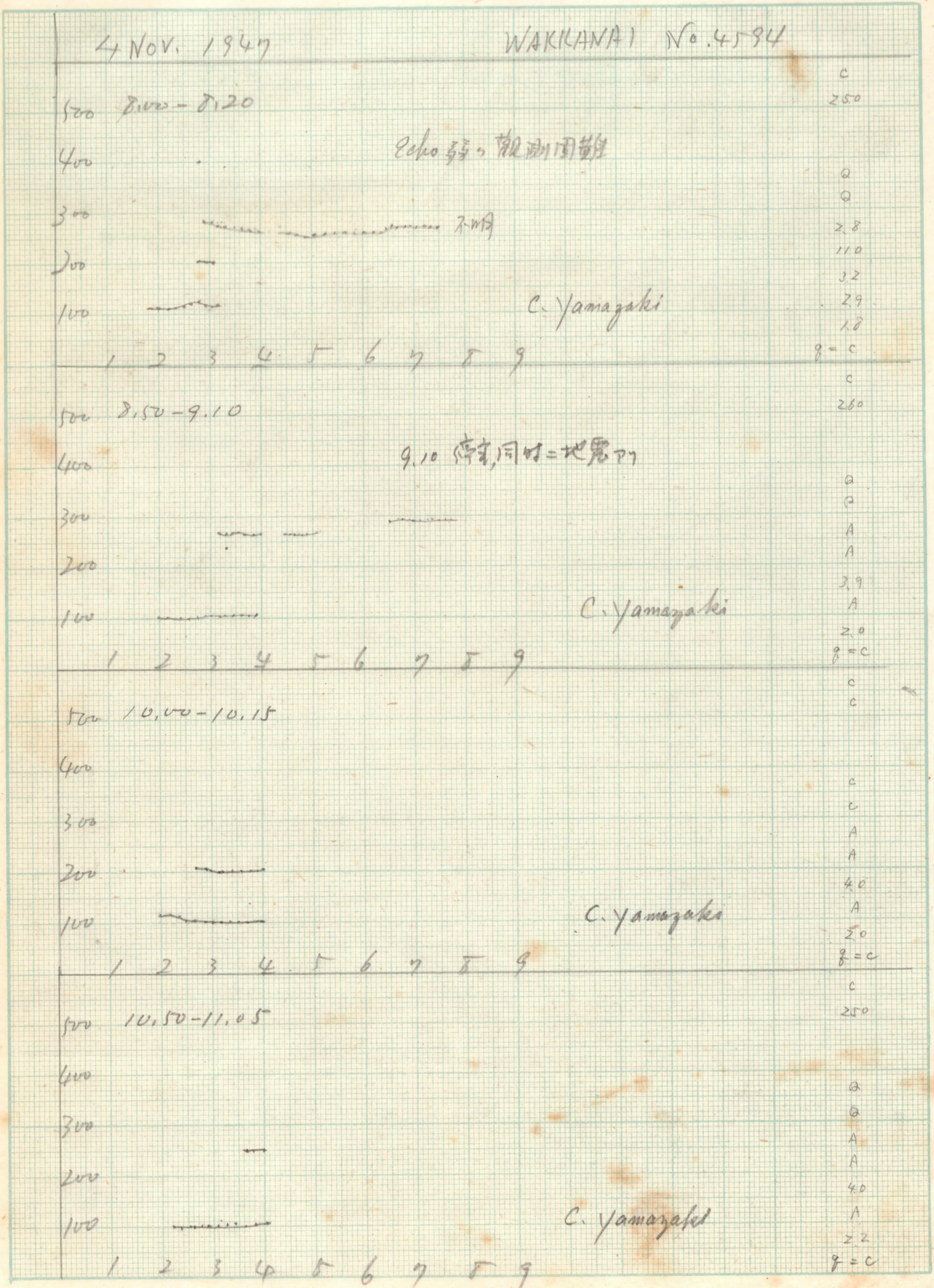


4 NOV 1947

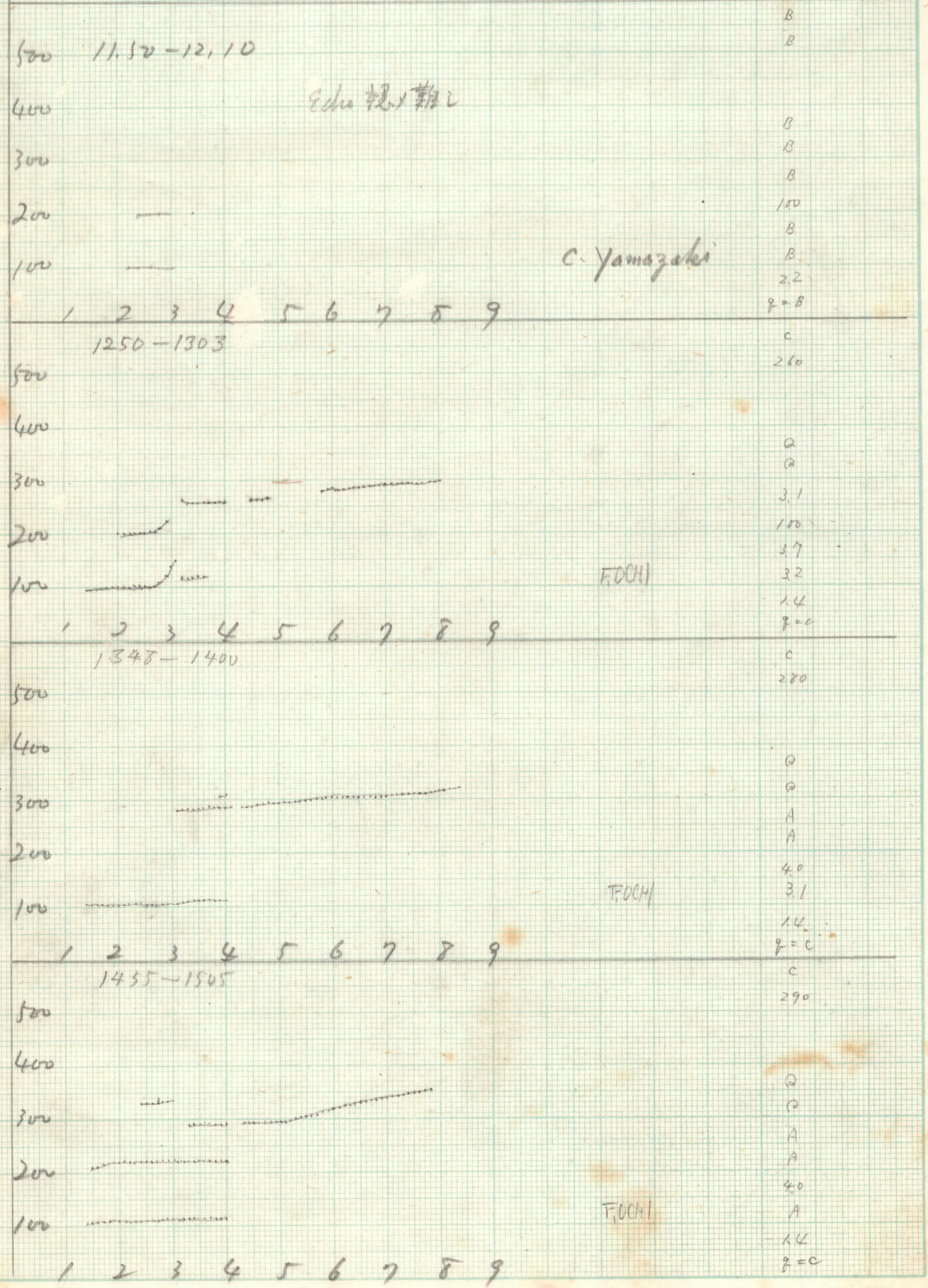
Wakkanai No.4593



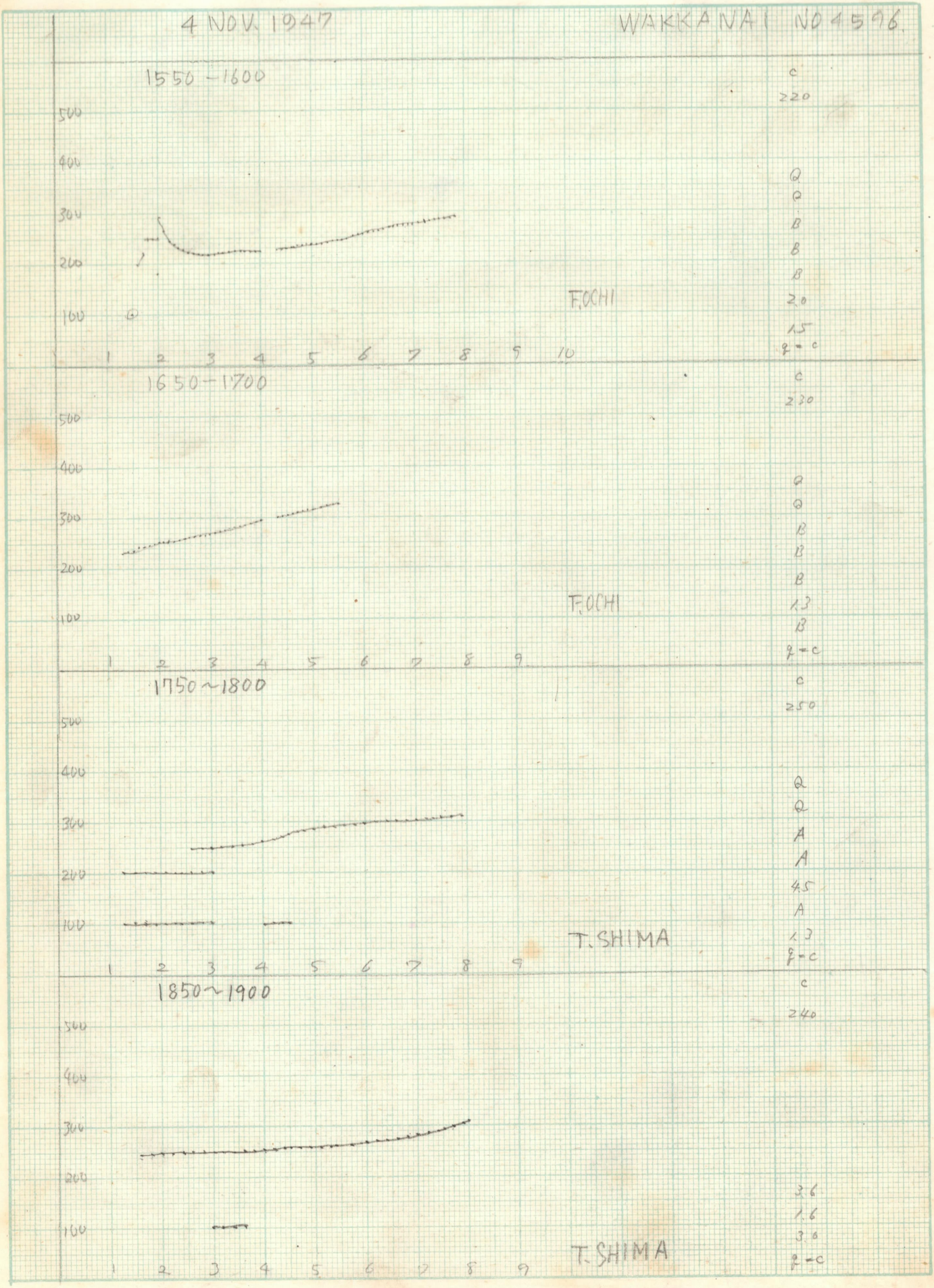
4 Nov. 1947 WAKKANAI No. 4594



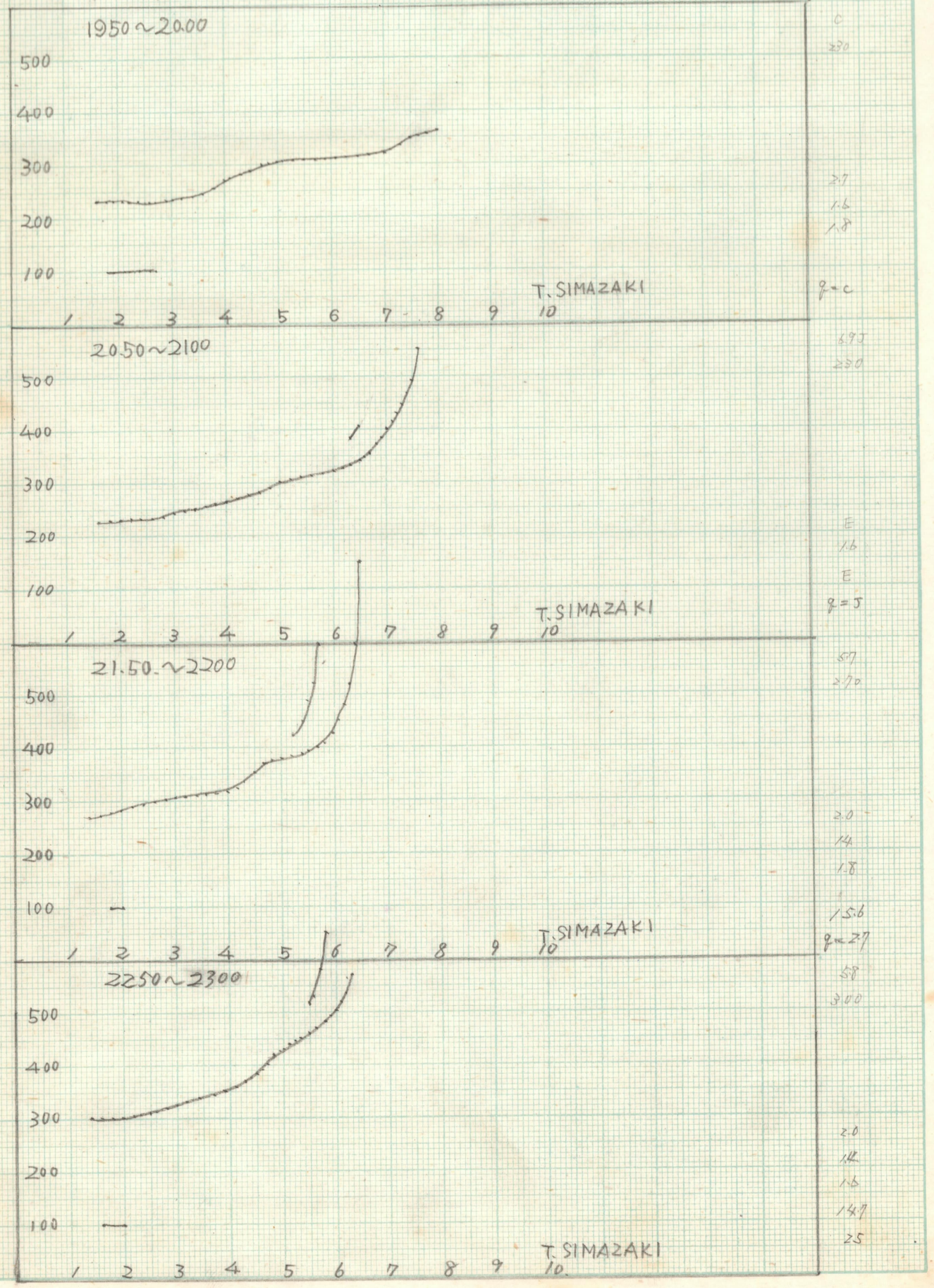
4 NOV. 1947 WAKKANAI No. 4595



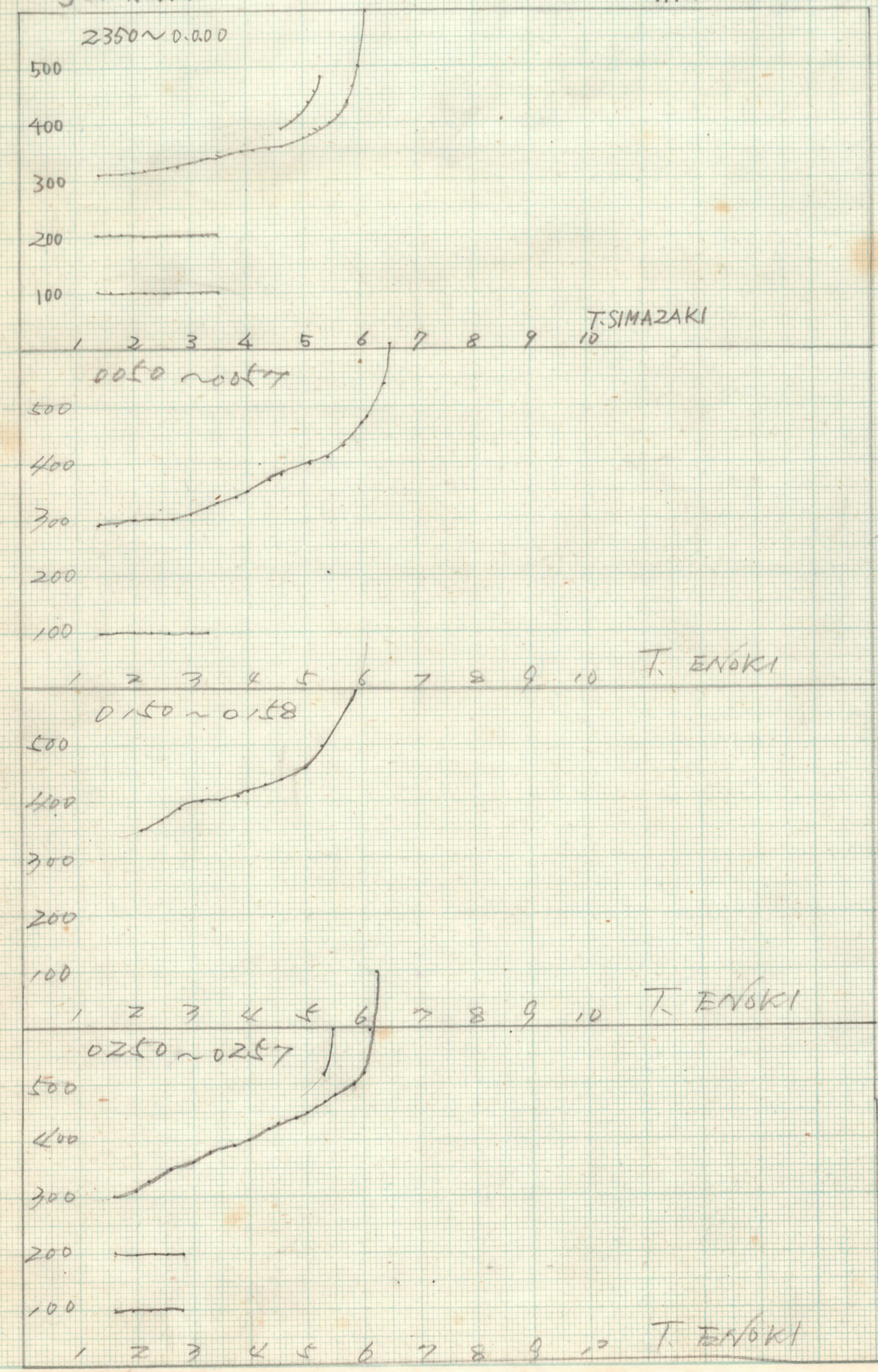
4 NOV. 1947 WAKKANAI NO 4596



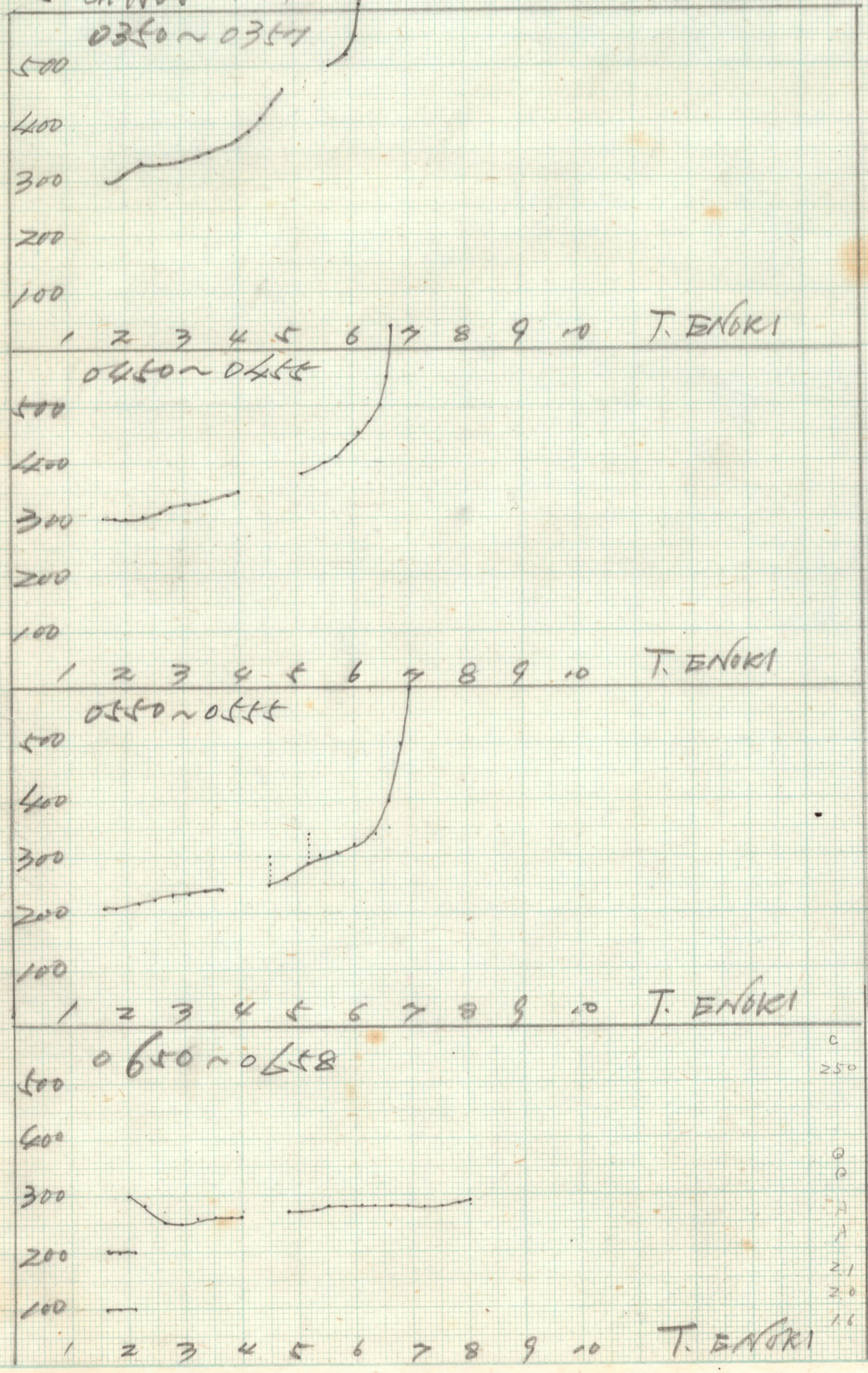
4th. Nov. 1947. WAKKANAI. NO.4597



5th. NOV. 1947. WAKKANAI. No.4598

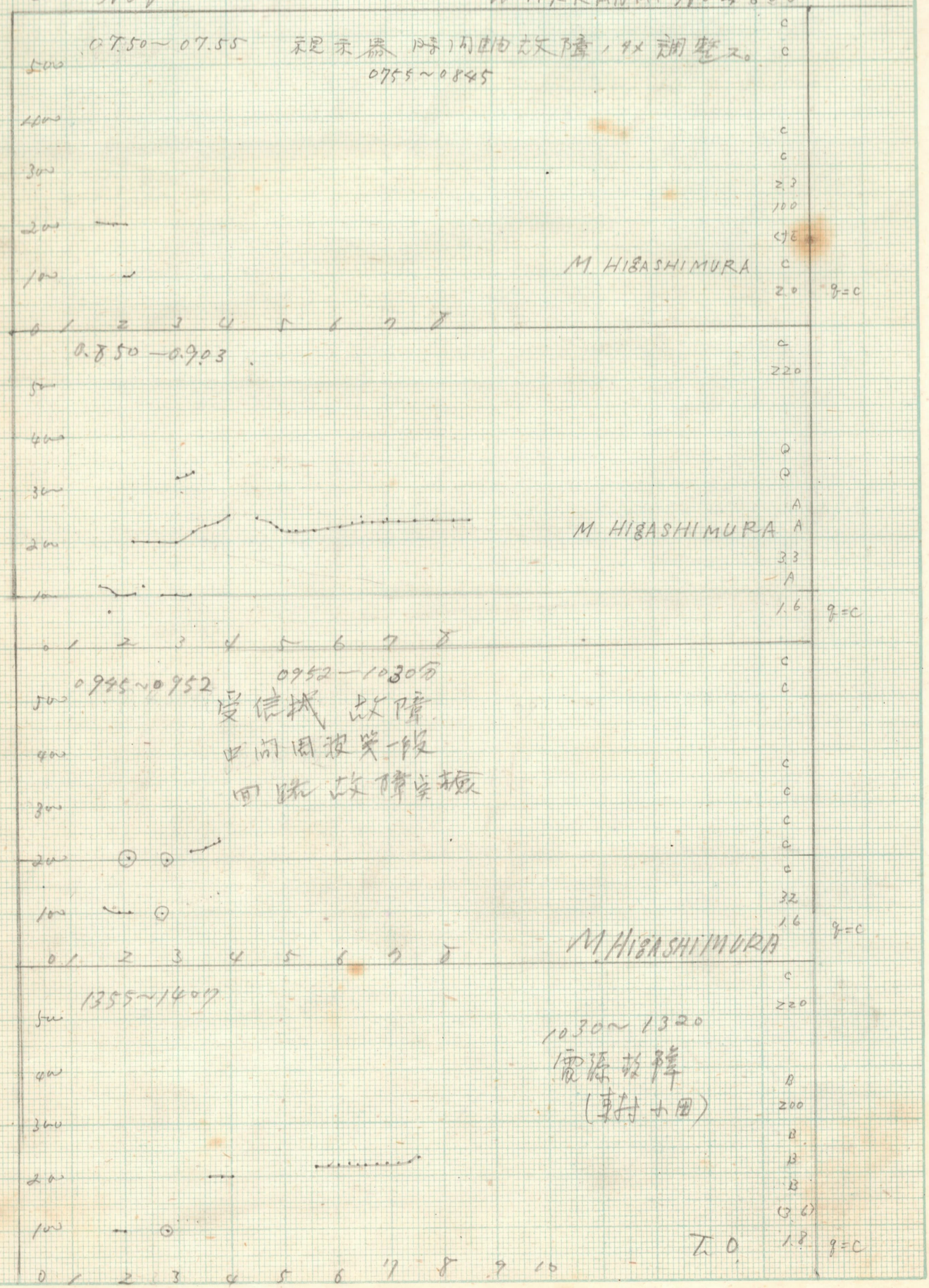


5th NOV 1947 WAKKANAI No 4599

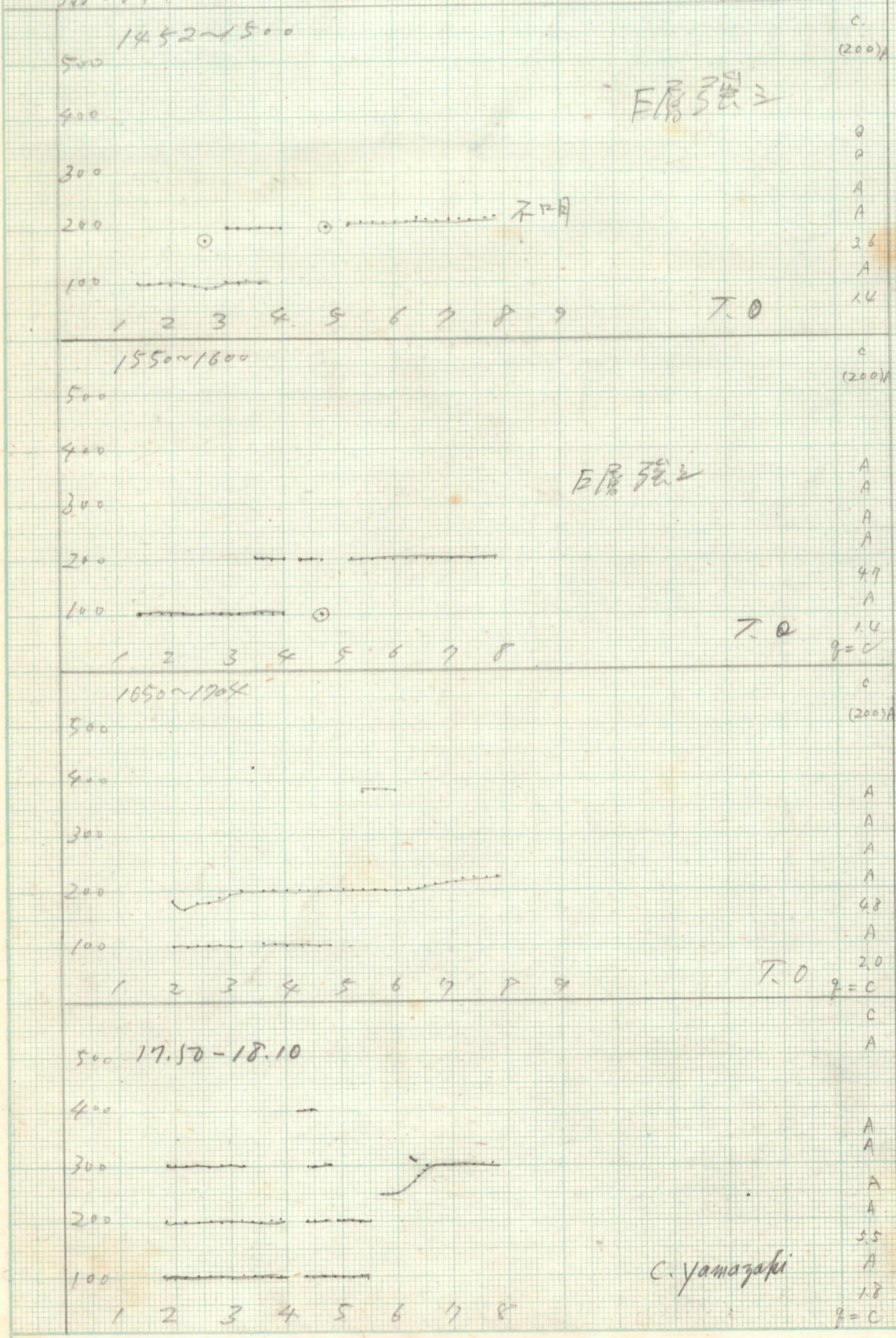


5.6J
300
E
1.7
E
q=J
6.0J
300
E
1.6
E
q=J
6.3J
210
Q
Q
E
E
E
1.6
E
q=J
C
250
Q
Q
A
A
2.1
2.0
1.6
q=C

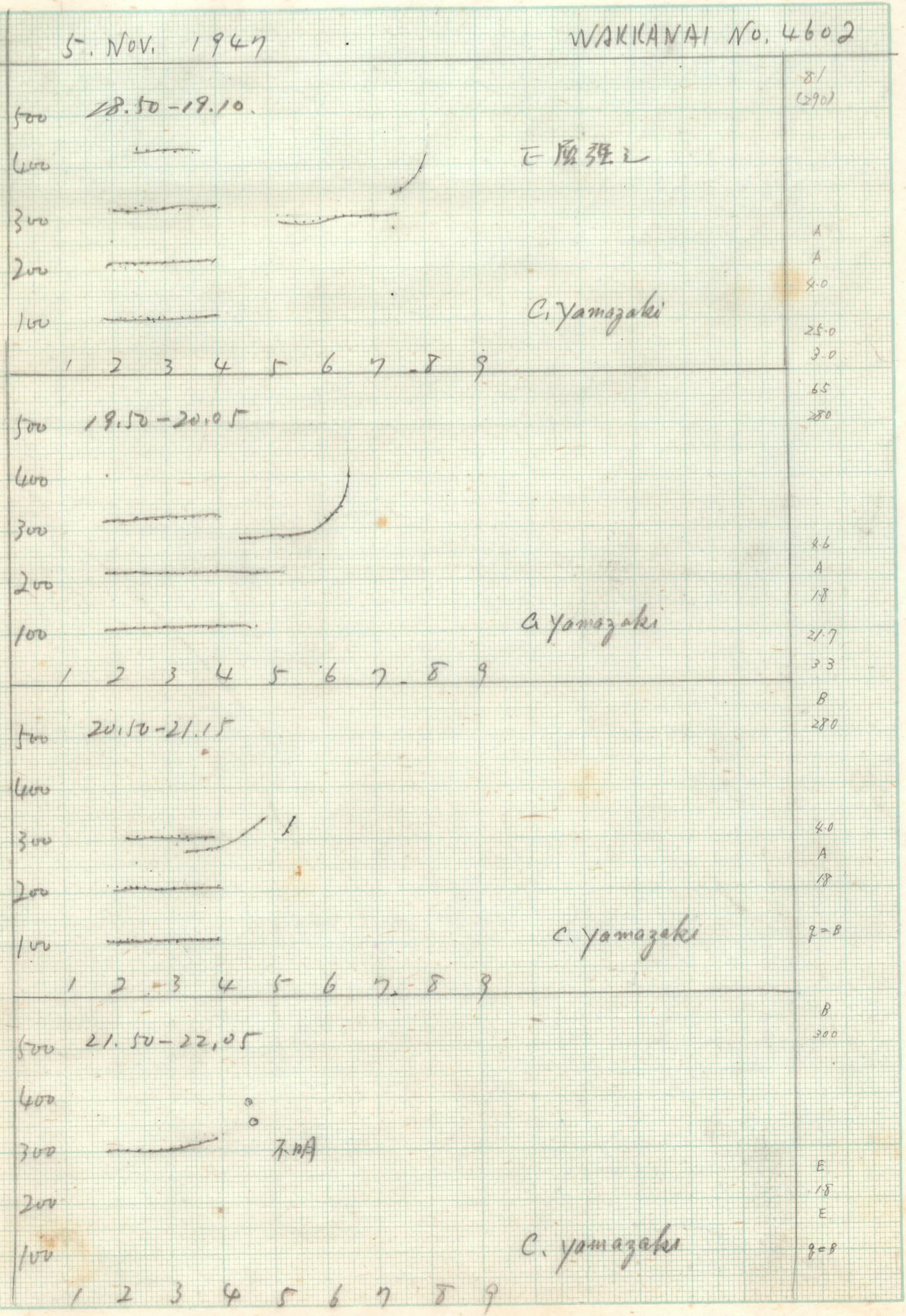
5th NoV WAKKANAI No 4600



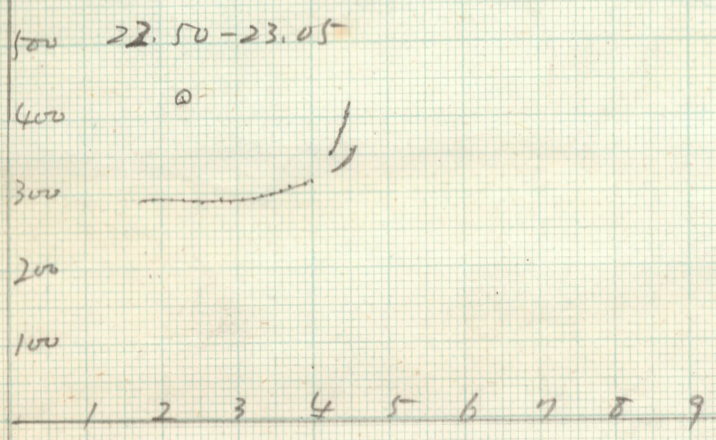
5 NOV. 1947 WAKKANAI No~4601



5. Nov. 1947 WAKKANAI No. 4602



5. NOV. 1947 WAKKANAI No. 4603

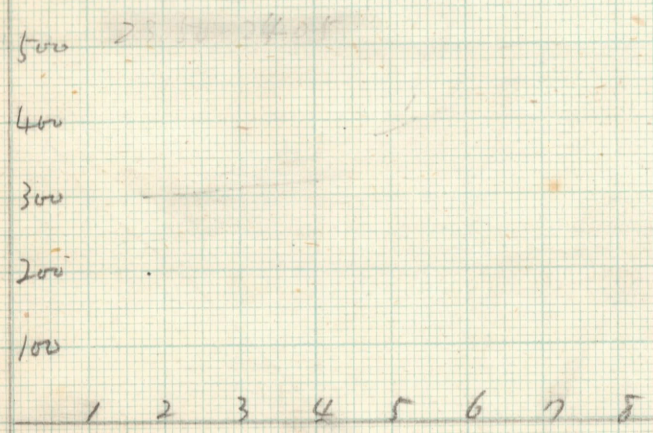


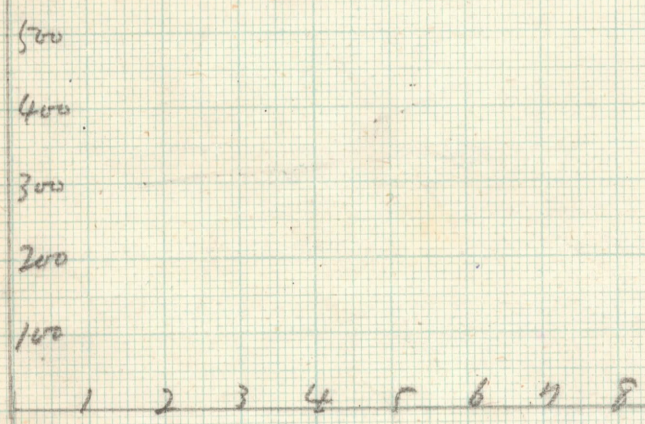
C. yamazaki

4.5
290

E
1.7
E

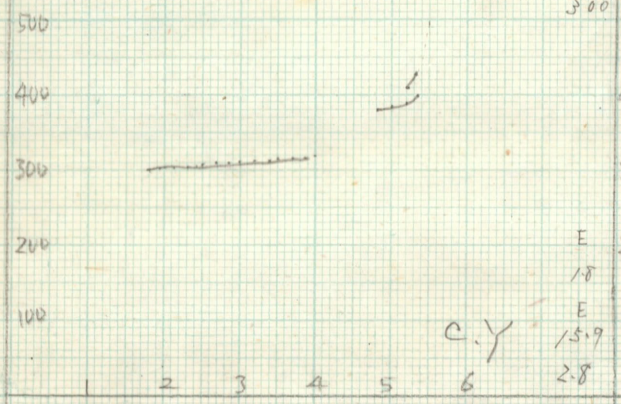
14.2
83.1





6 NOV. 1947 WAKKANAI NO 4604

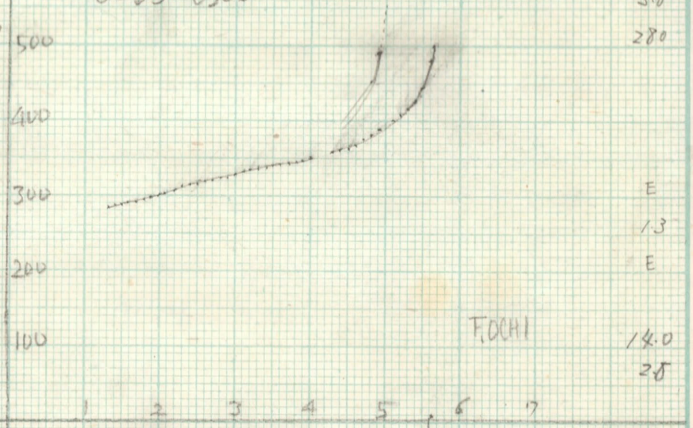
2350~0005 5.5 3.00



E 1.8 E 15.9 2.8

C.Y

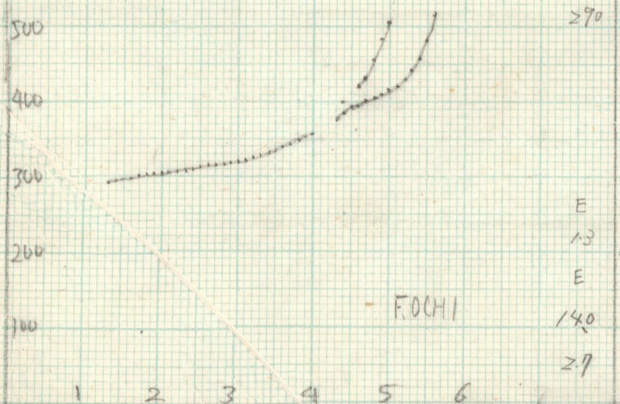
0253-0300 5.0 2.80



E 1.3 E 14.0 2.8

F.OCHI

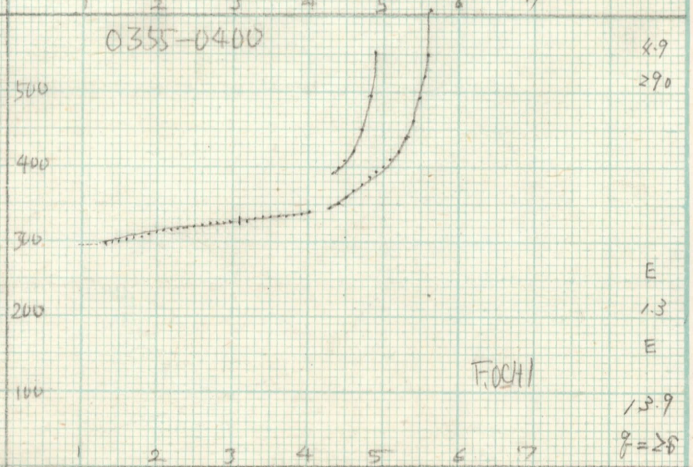
0055-0102 5.1 ≥90



E 1.3 E 14.0 ≥7

F.OCHI

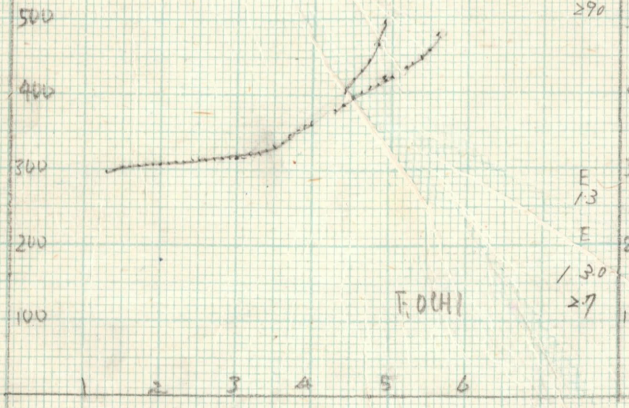
0355-0400 4.9 ≥90



E 1.3 E 13.9 ≥6

F.OCHI

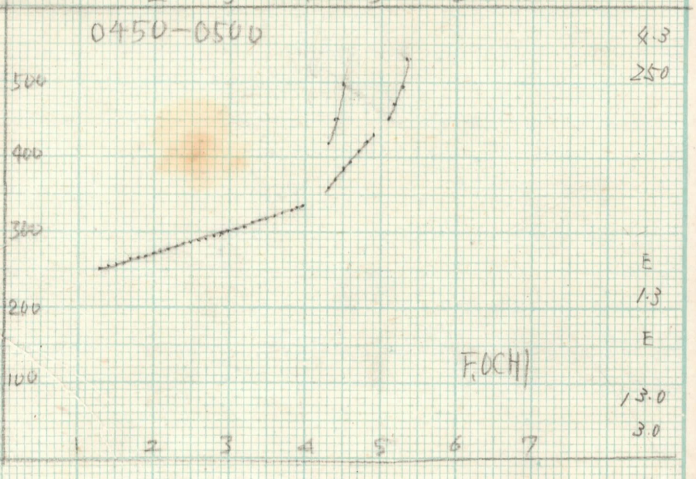
0158-0200 5.0 ≥90



E 1.3 E 13.0 ≥7

F.OCHI

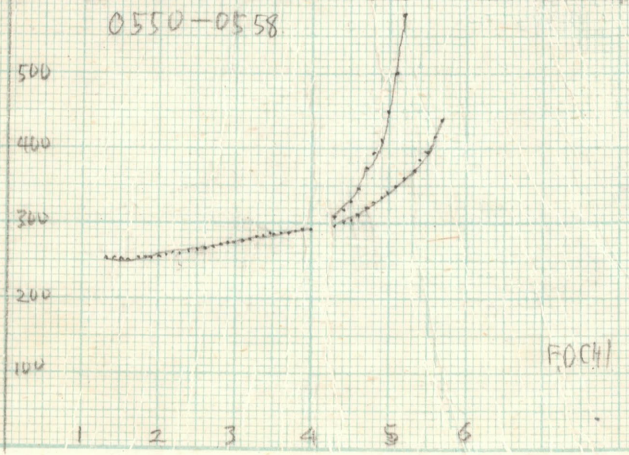
0450-0500 4.3 ≥50



E 1.3 E 13.0 3.0

F.OCHI

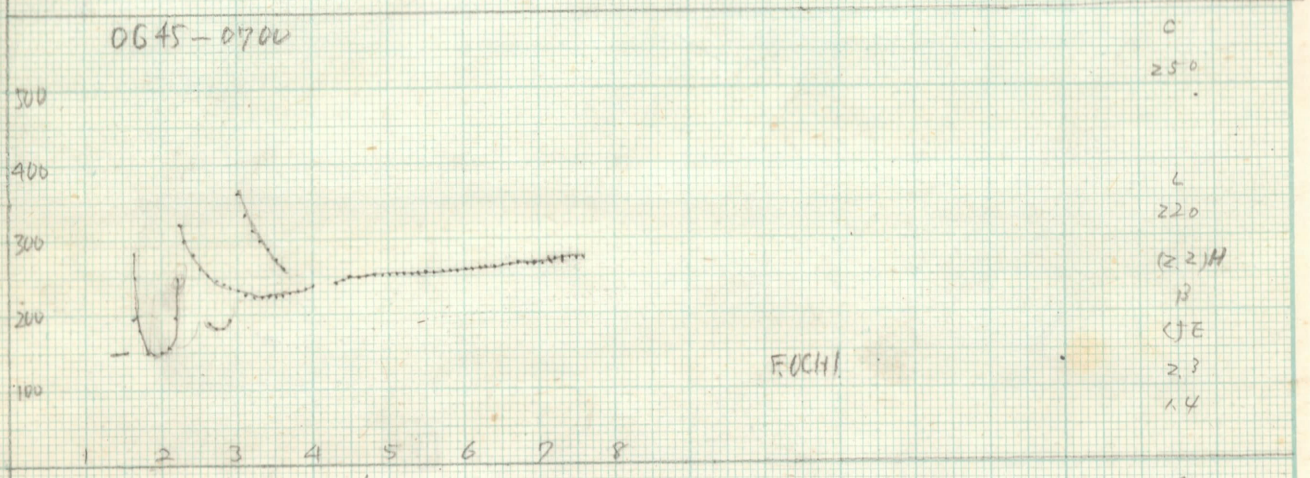
0550-0558 5.2 ≥50

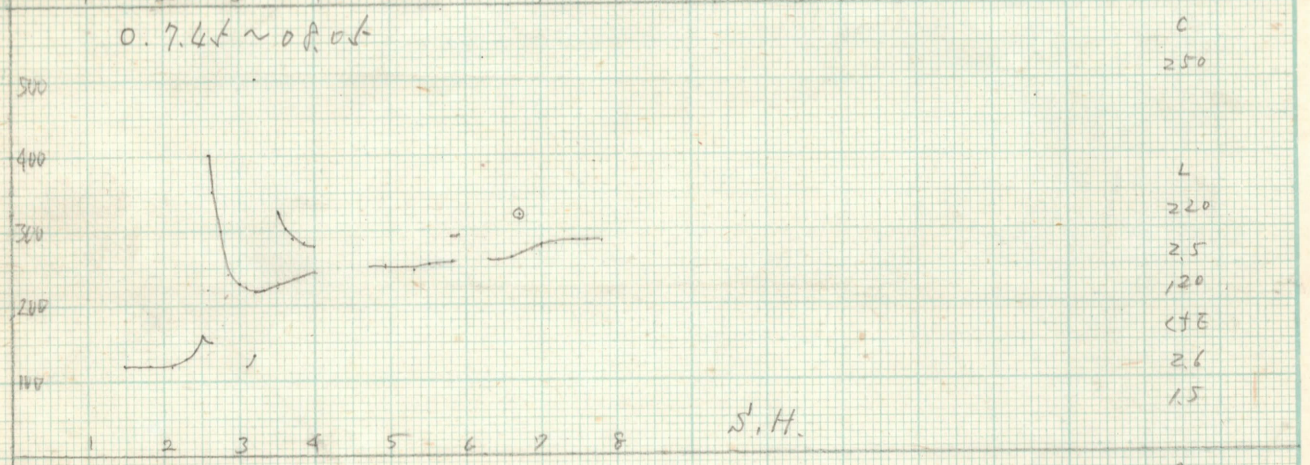


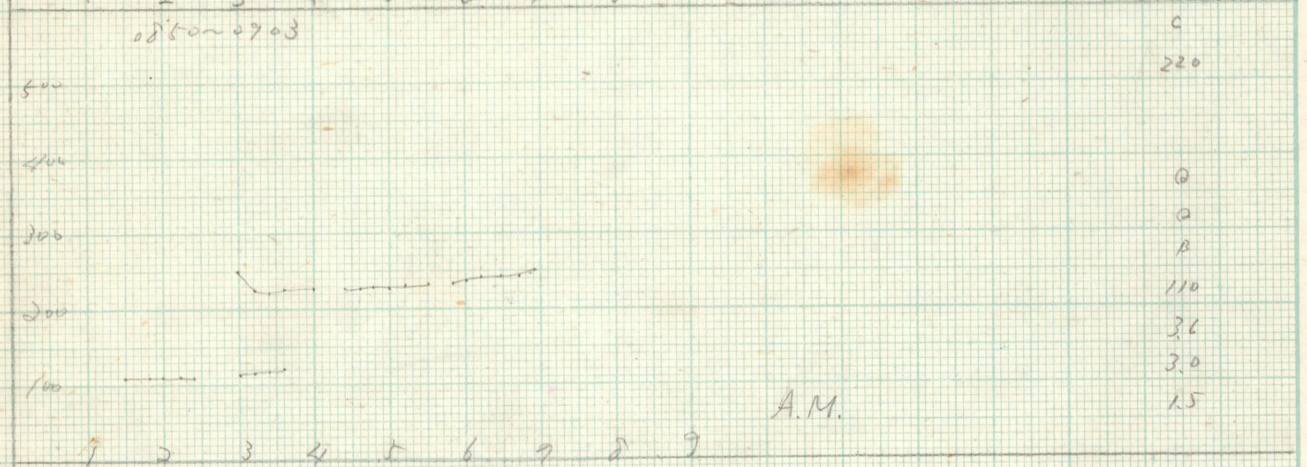
Q Q E E E 1.3 E 14.7 3.0

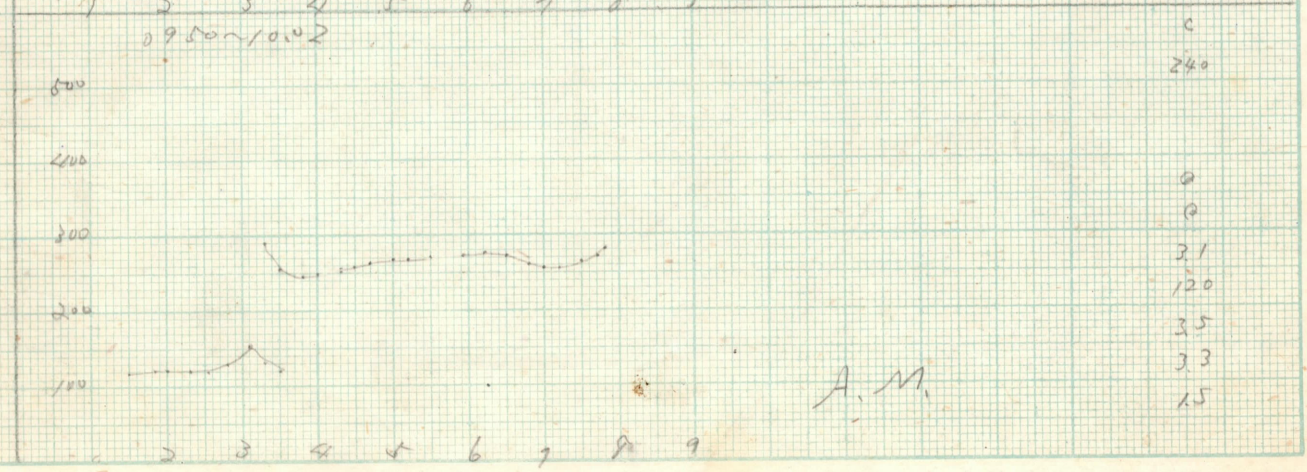
F.OCHI

6 NOV. 1947 WAKKANAI No 4605

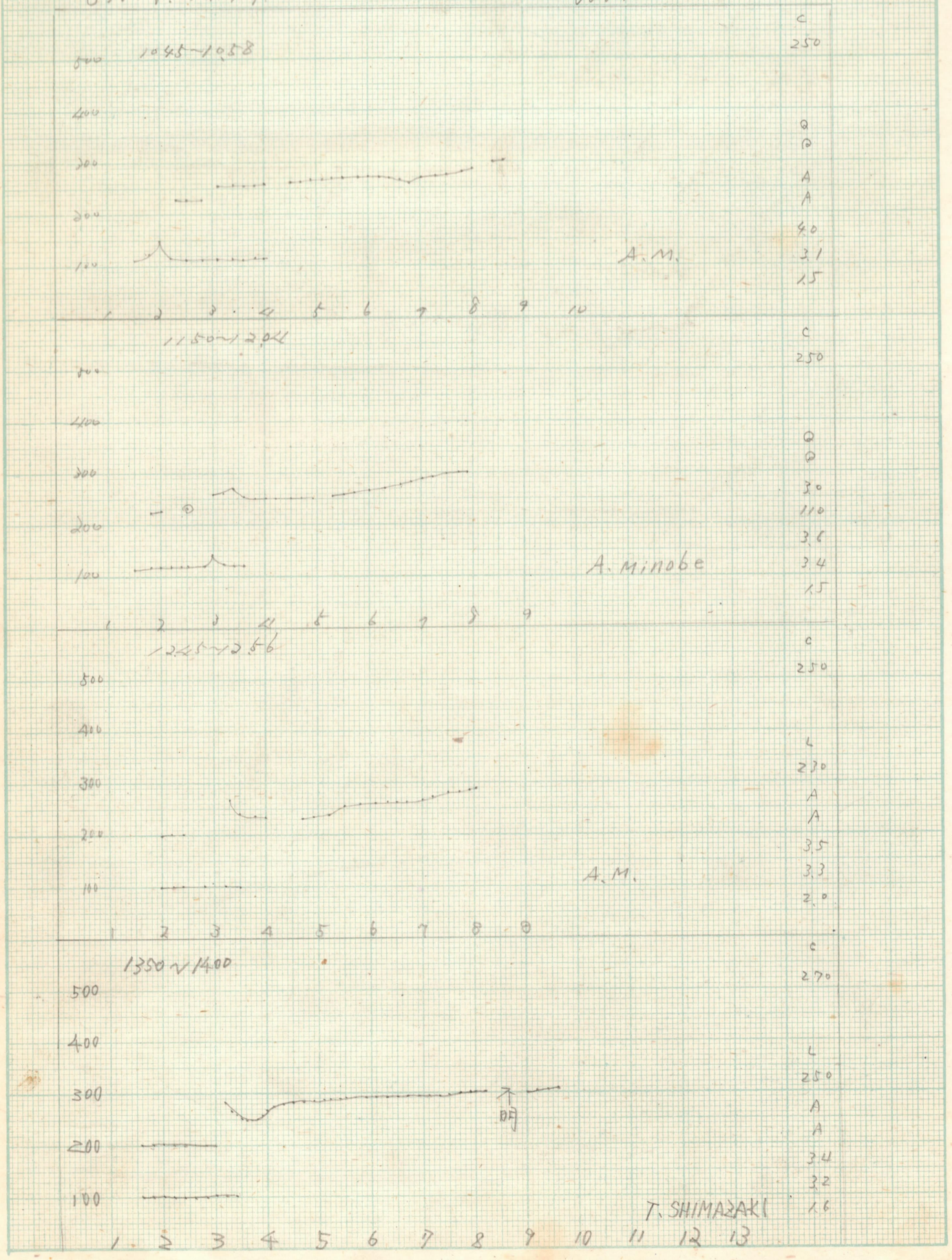




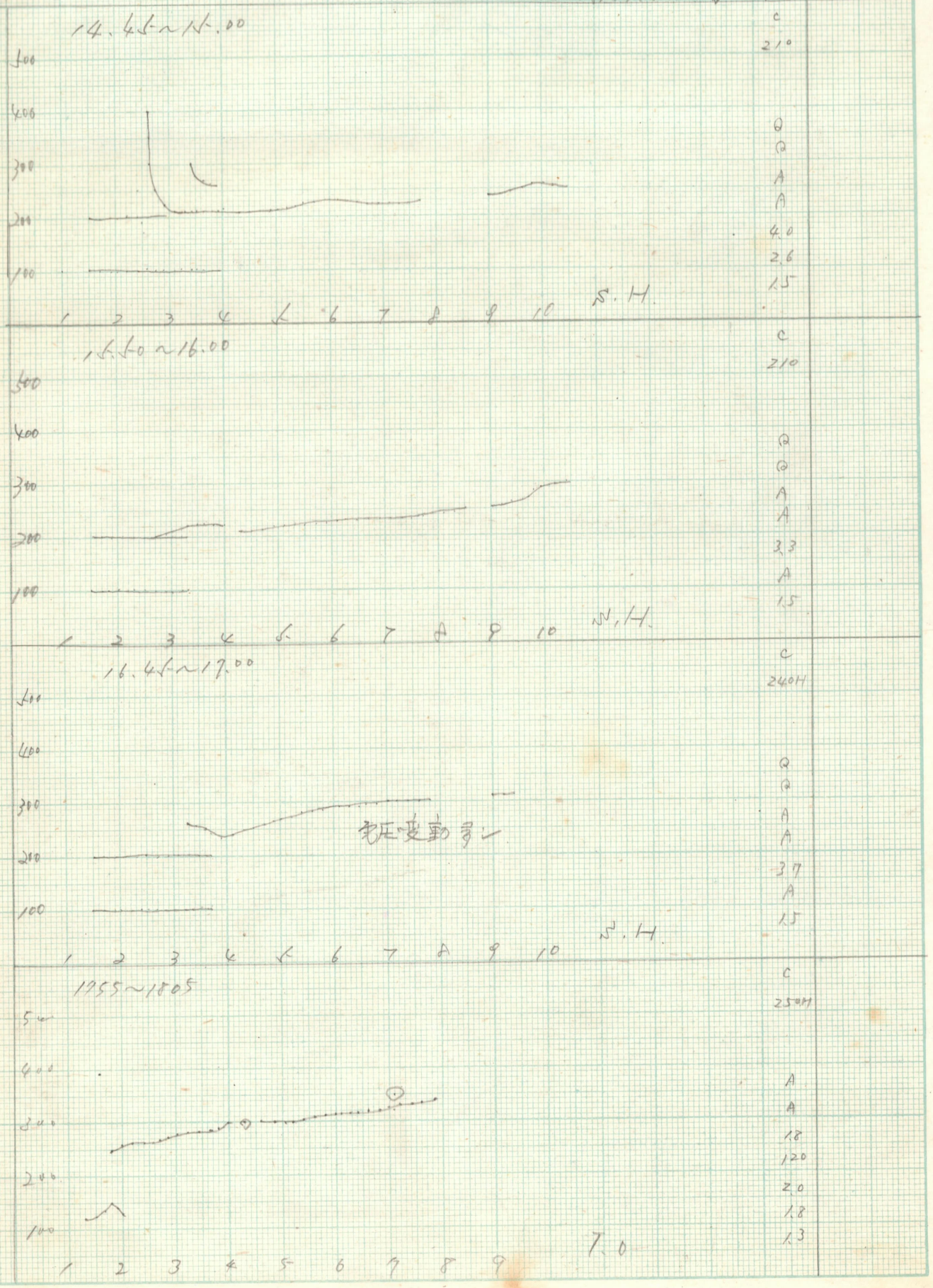




6 NOV. 1947 Wakkanai No 4606

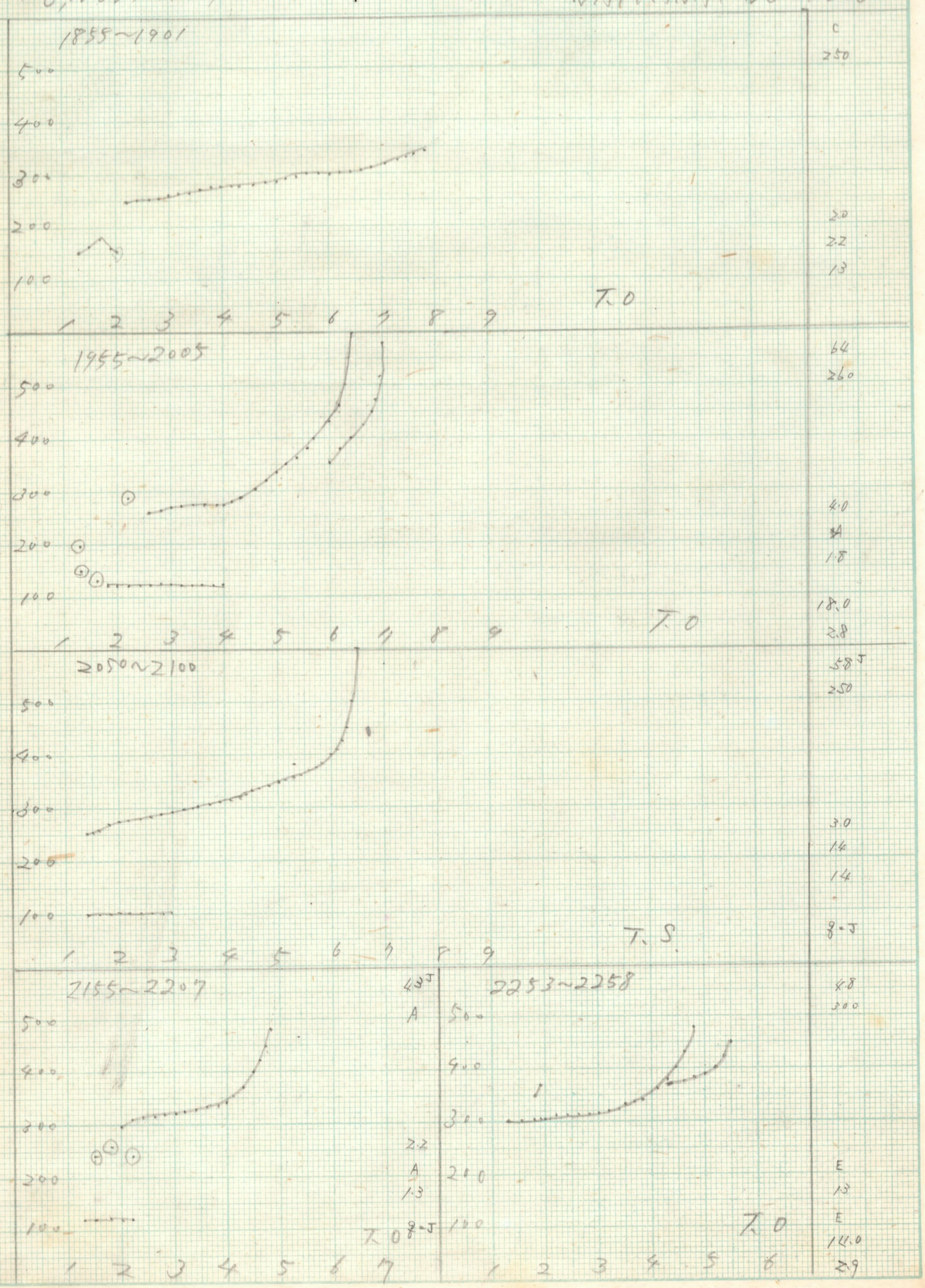


6 NOV. 1947. WAKKANAI No. 4607



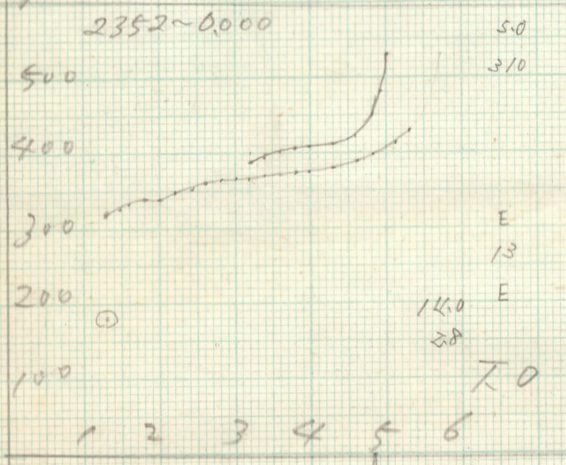
6, Nov. 1941

WAKKANAI No. 2608

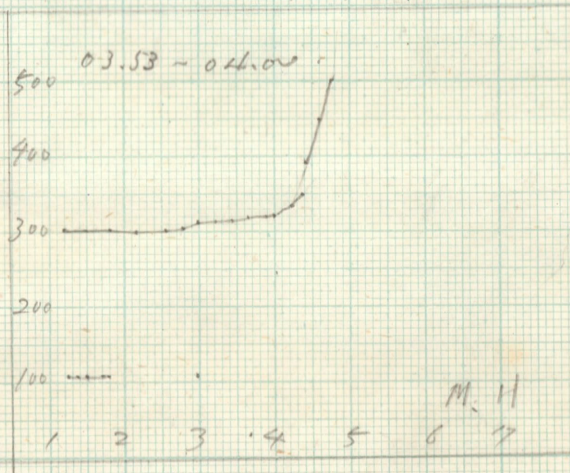


3. Nov. 1949 WAKKANAI No-4609

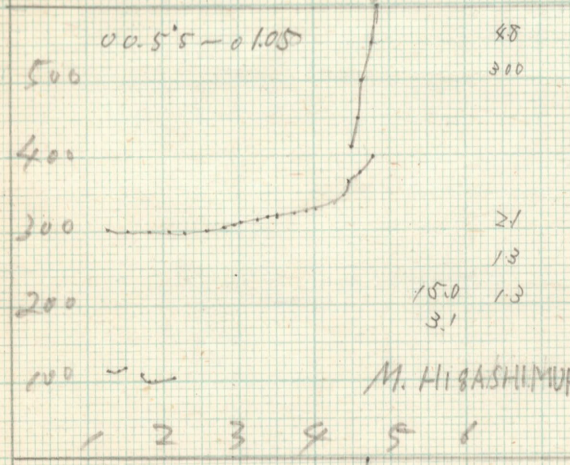
2352~0000



03.53 ~ 04.00

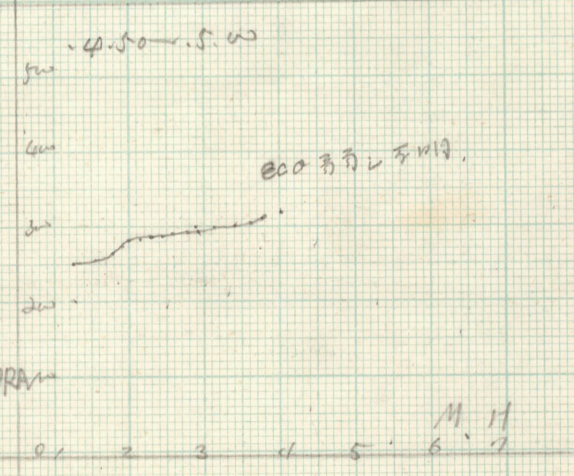


00.55 ~ 01.05

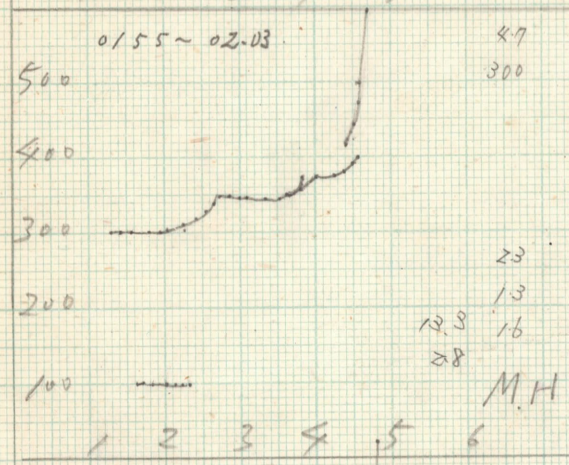


M. HIGASHIMURA

04.50 ~ 5.00

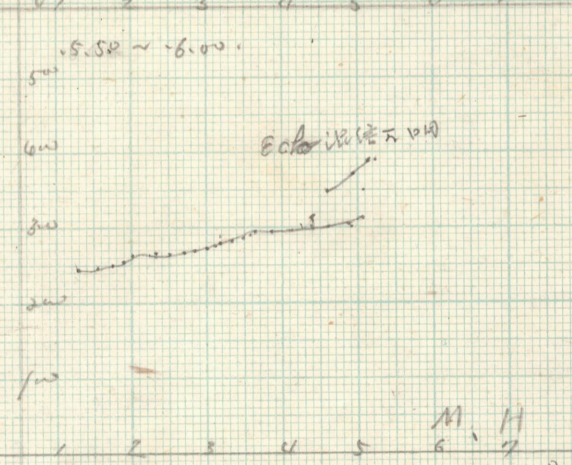


0155 ~ 02.03

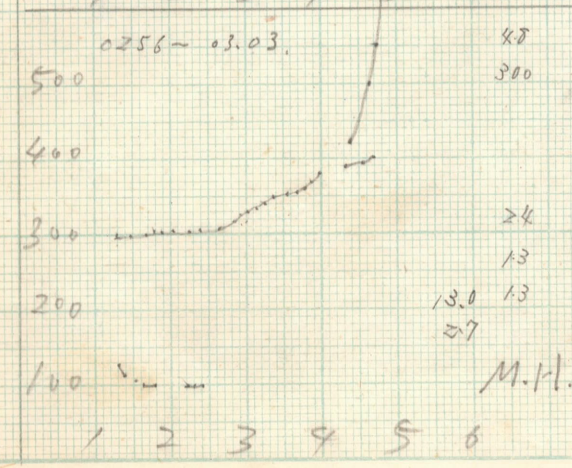


M.H

5.58 ~ 6.00

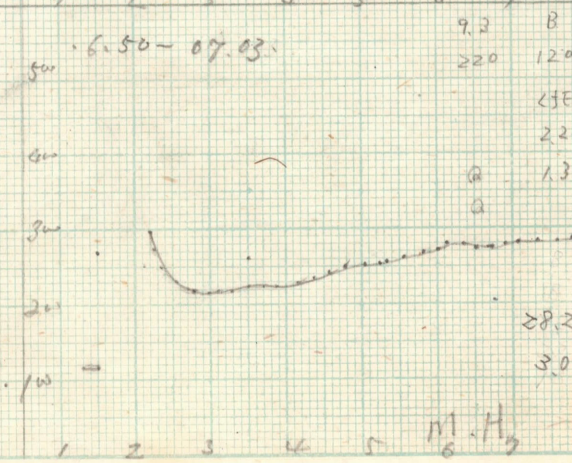


0256 ~ 03.03

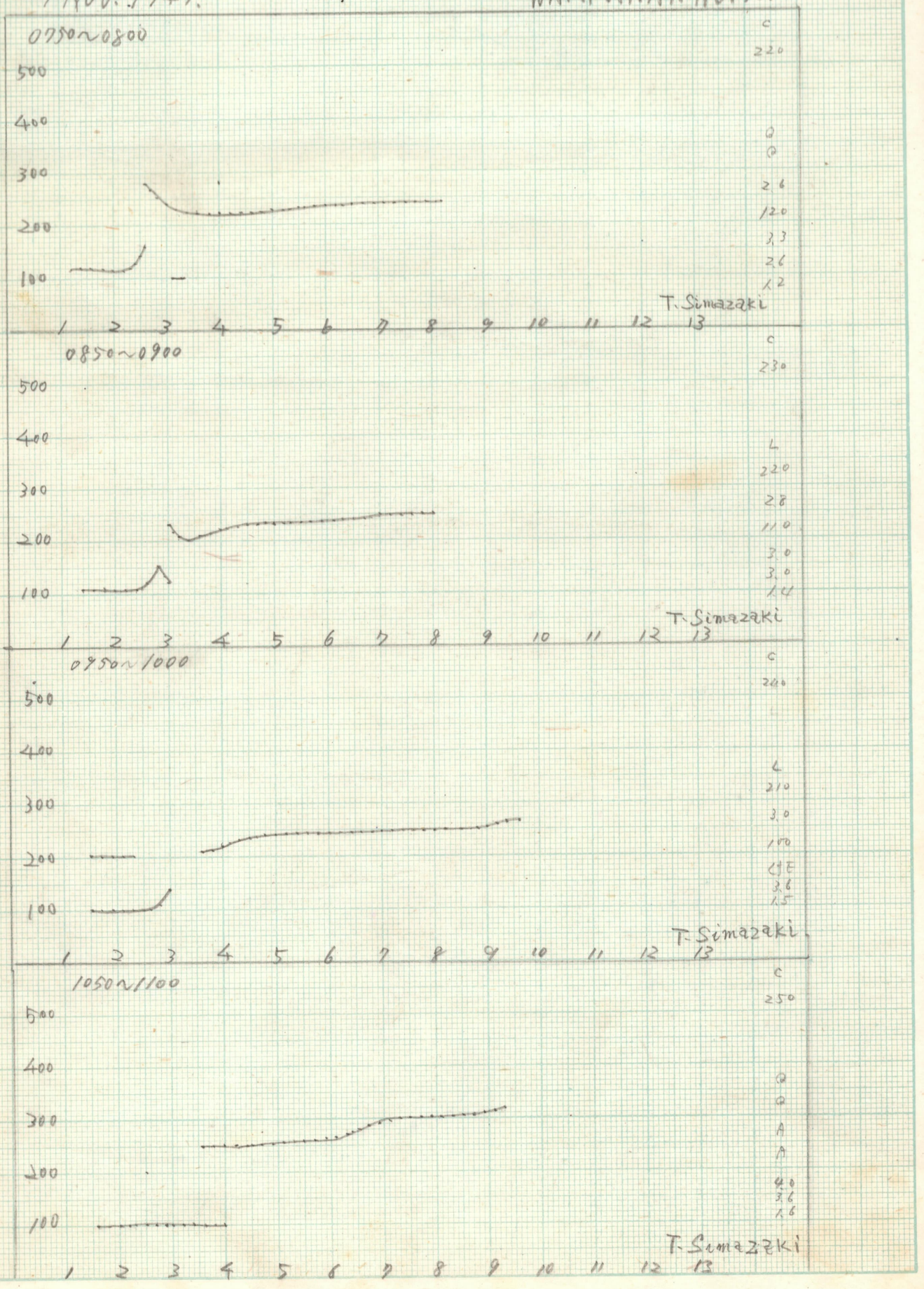


M.H.

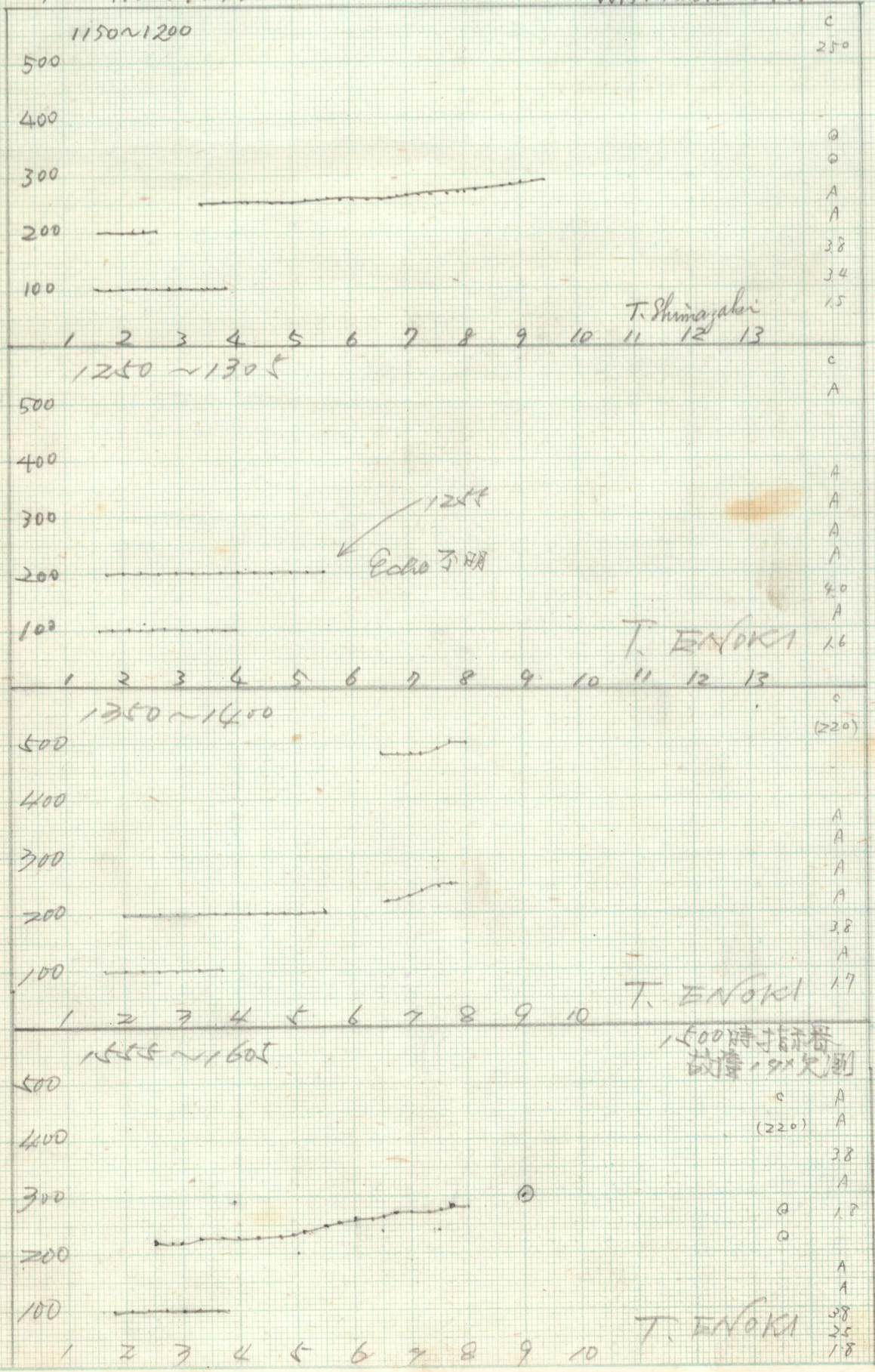
6.50 ~ 07.03



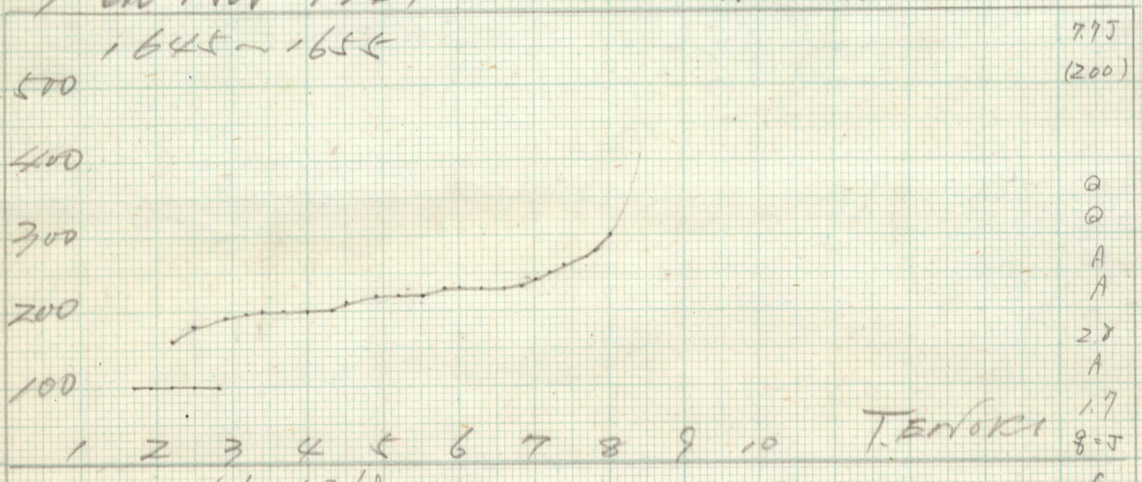
7 NOV. 1947. WAKKANAI. NO. 4610

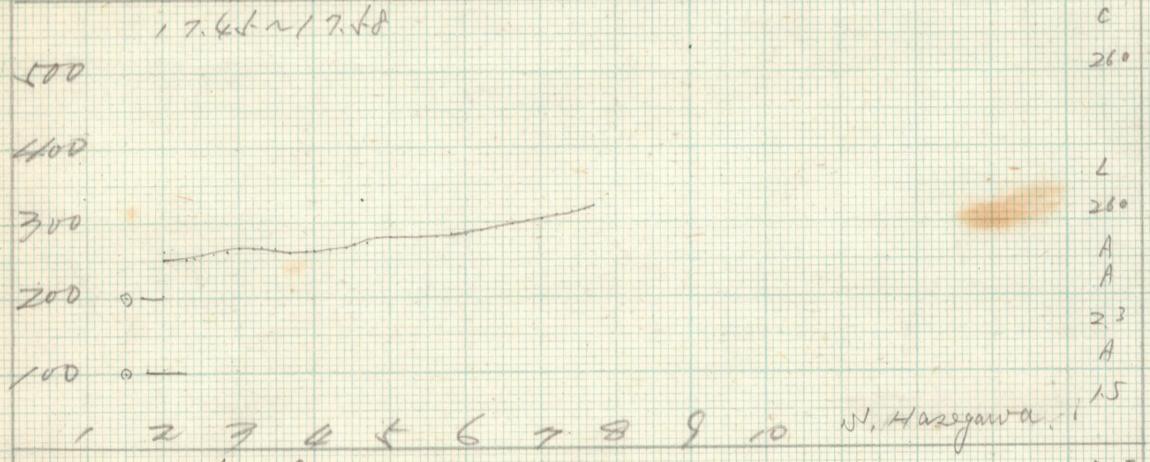


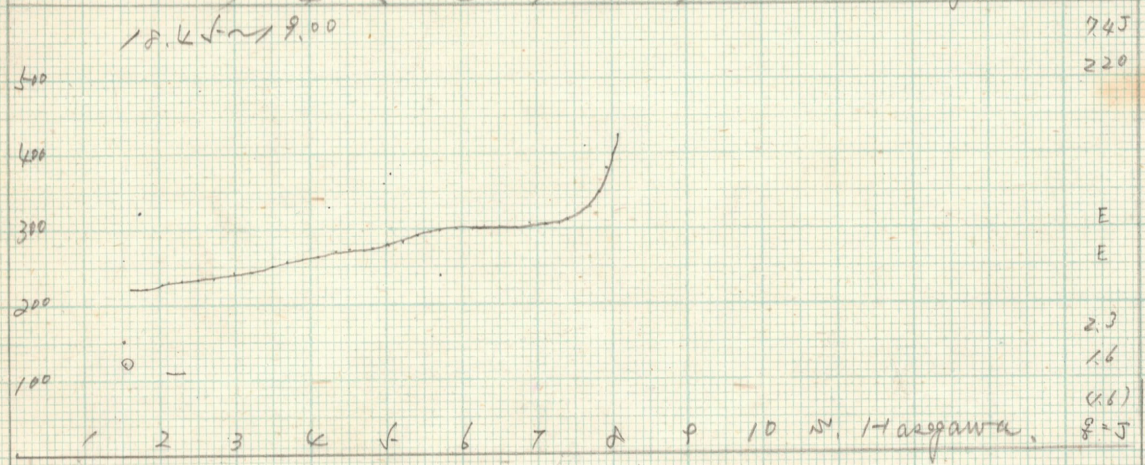
7th NOV. 1947 WAKKANAI. NO.4611

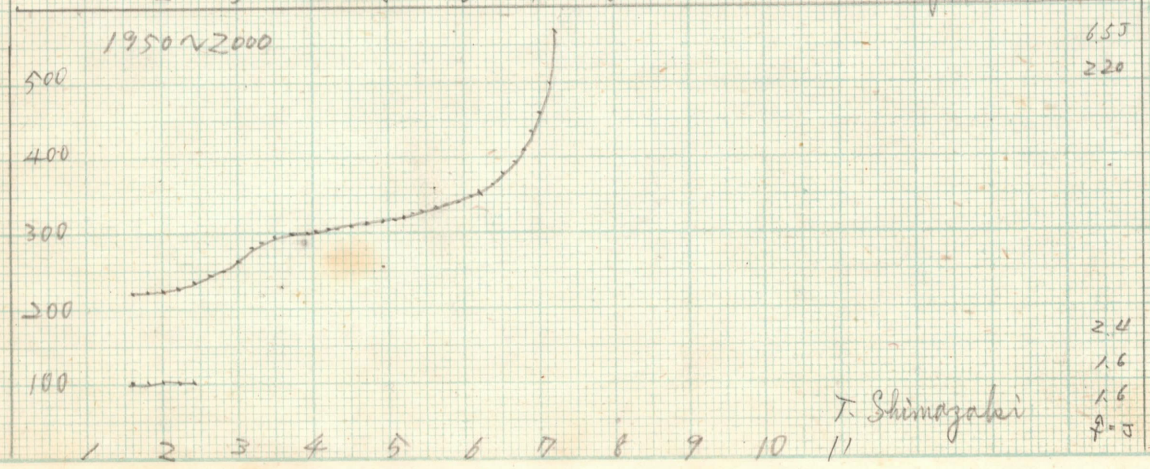


7th Nov 1947 WAKKANAI No 4612

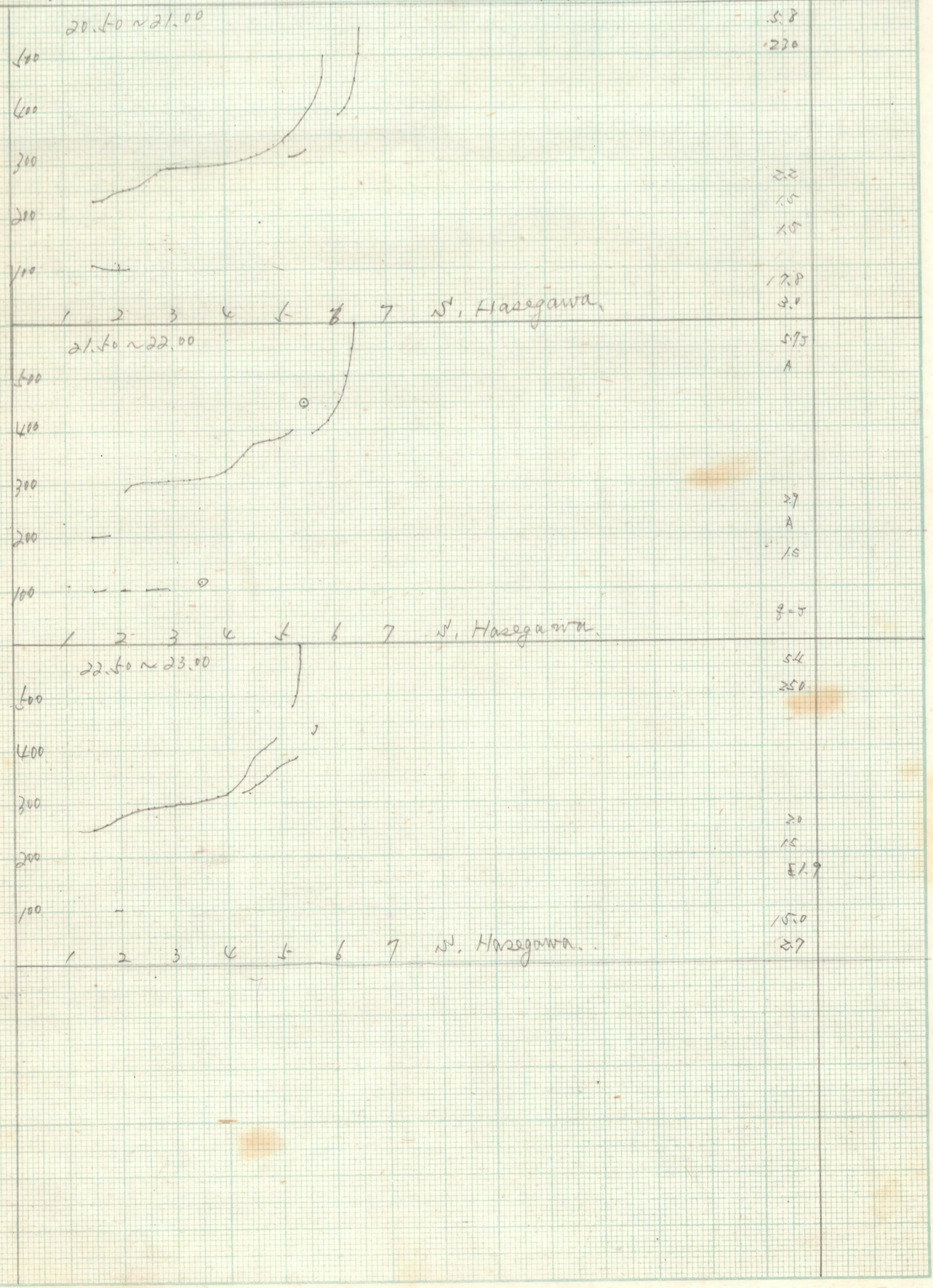




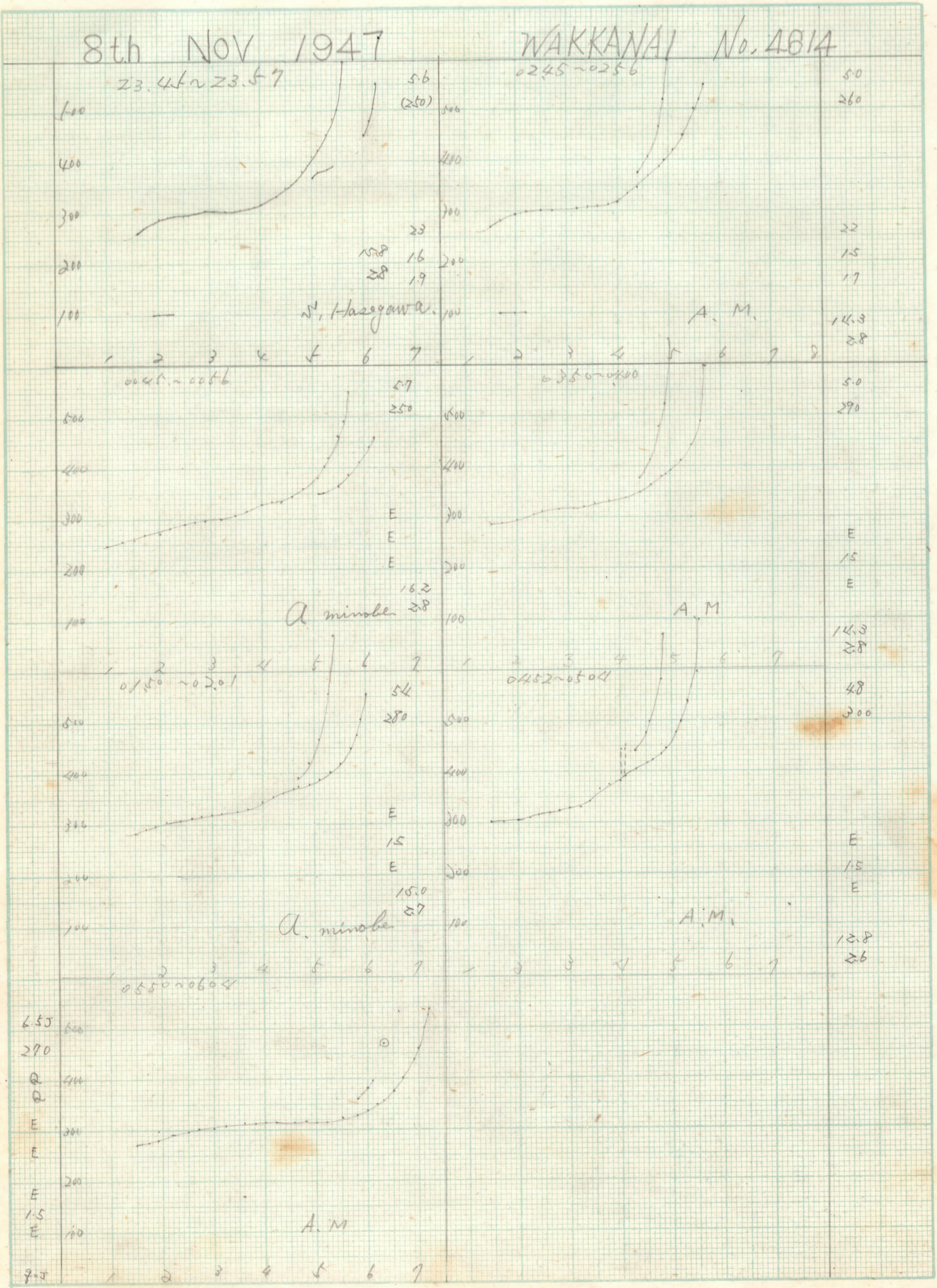




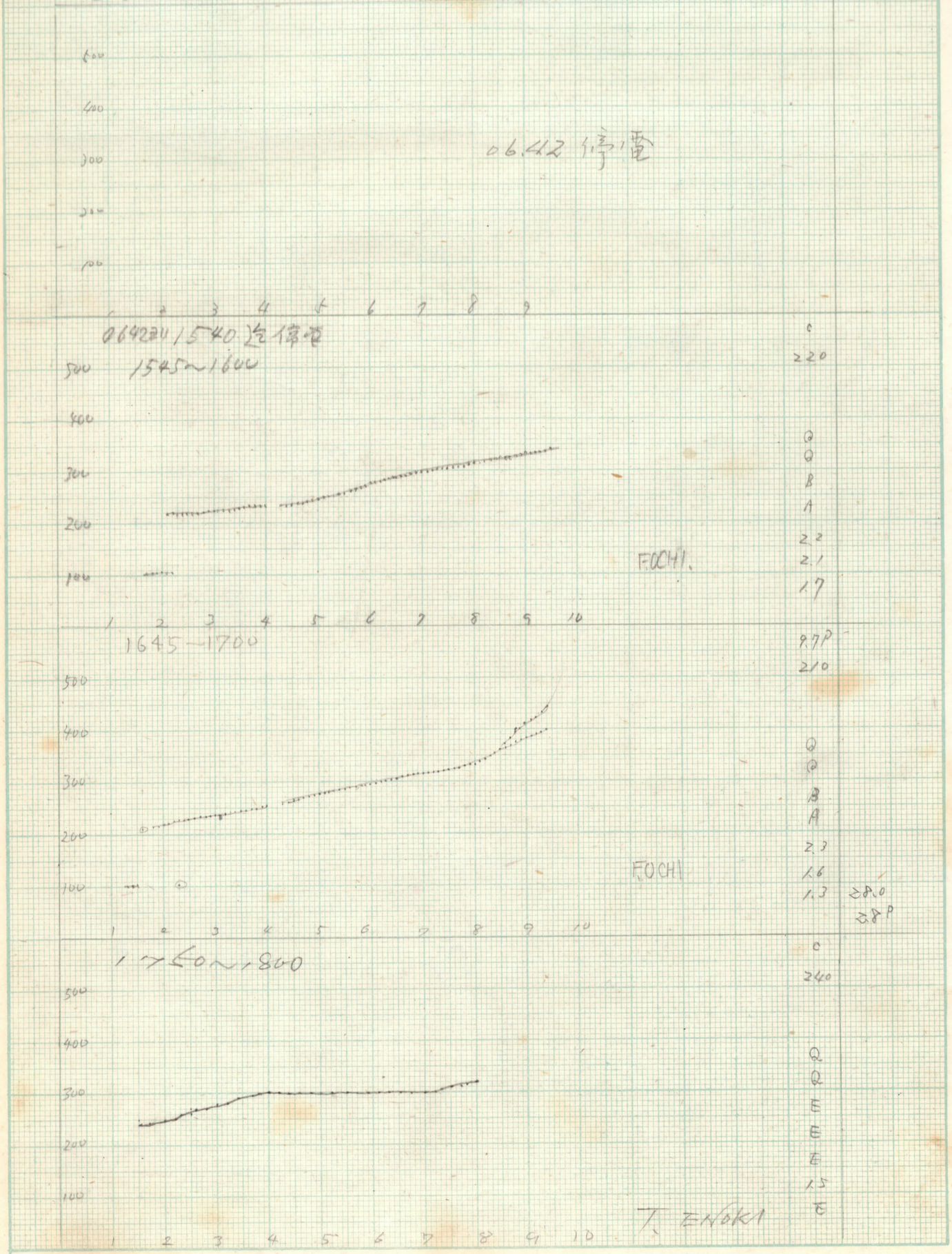
7th Nov 1947 · WAKKANAI No. 4613



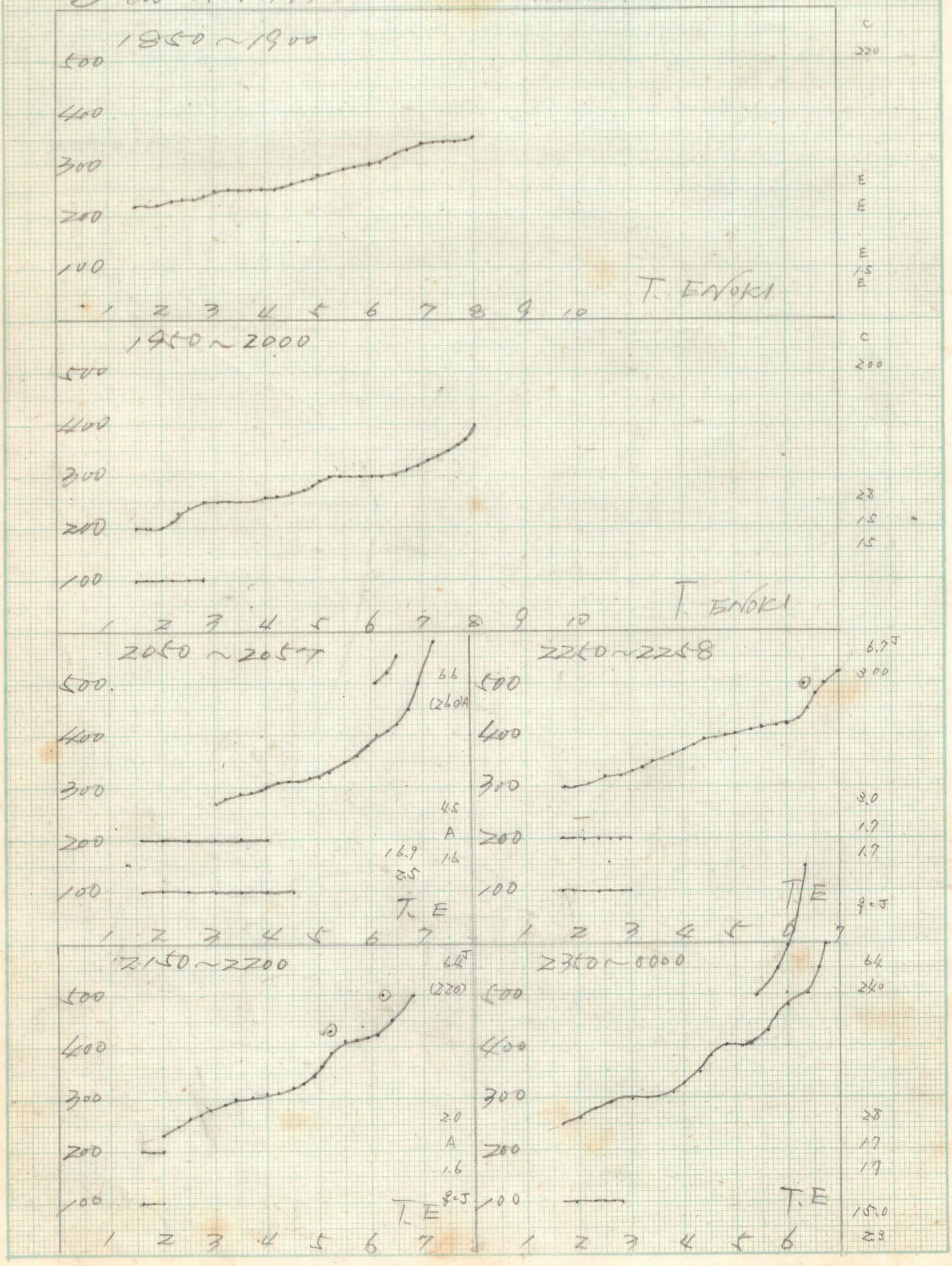
8th Nov 1947 WAKKANAI No. 4814



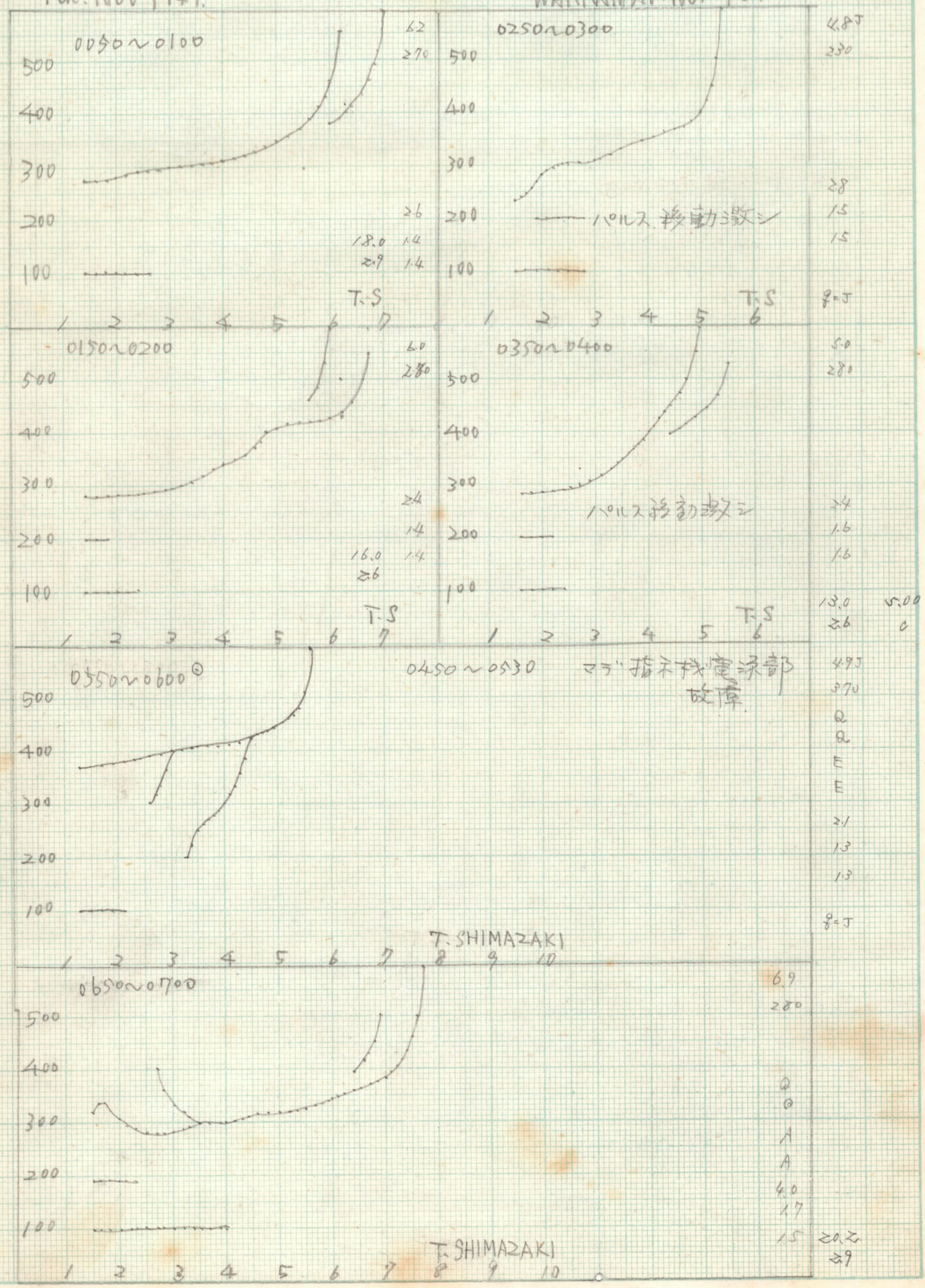
8th NOV 1947 WAKKWAI NO 4615



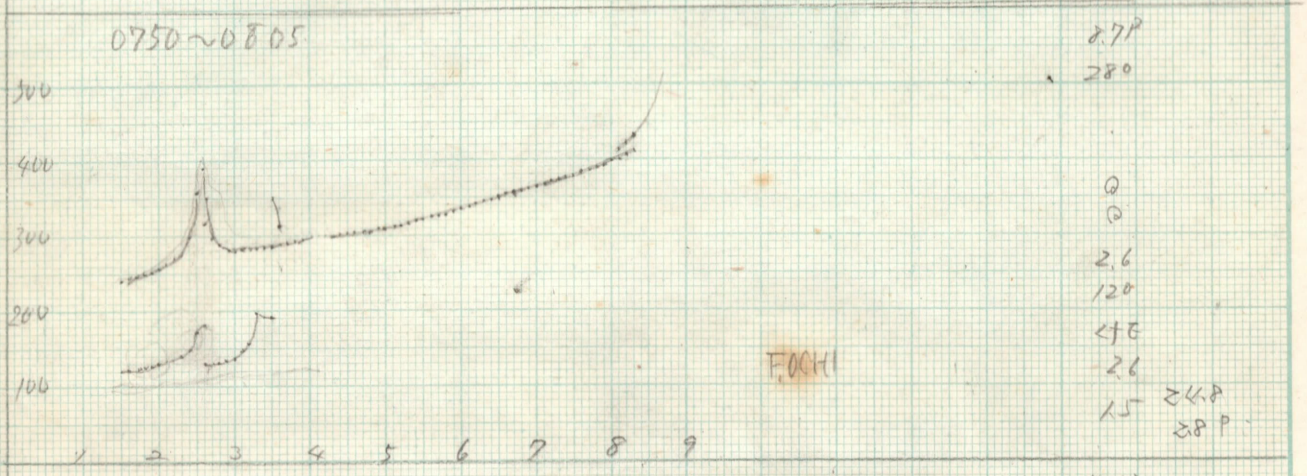
8th NOV 1947 · WAKKANAI No 4616

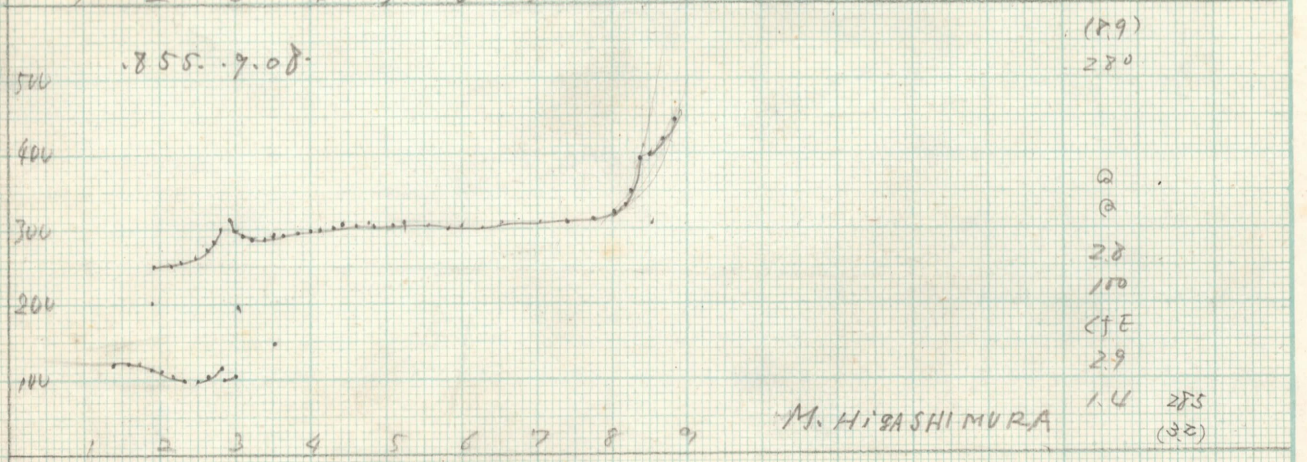


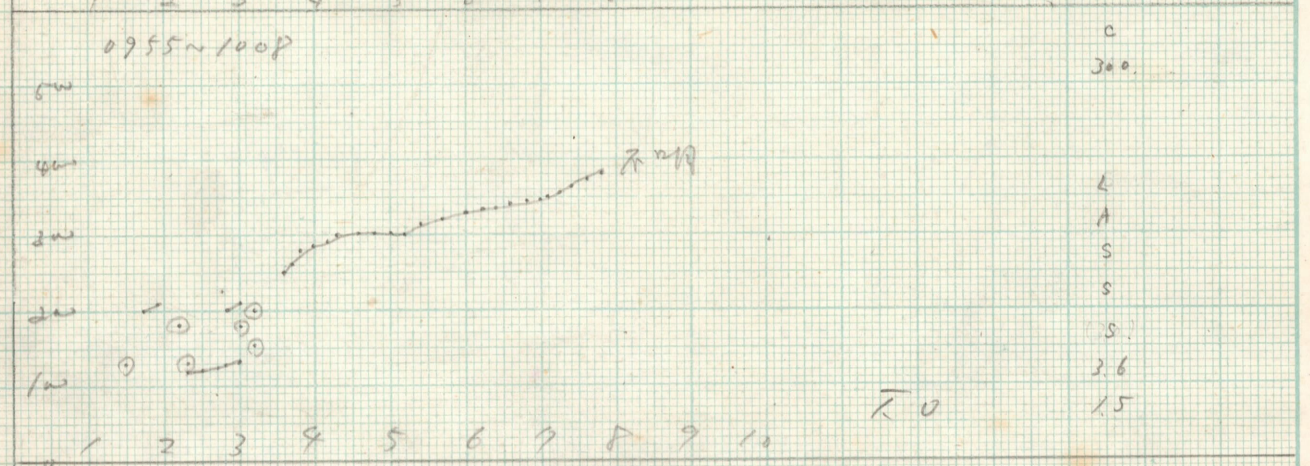
9th. NOV 1947. WAKKANAI. NO. 4617

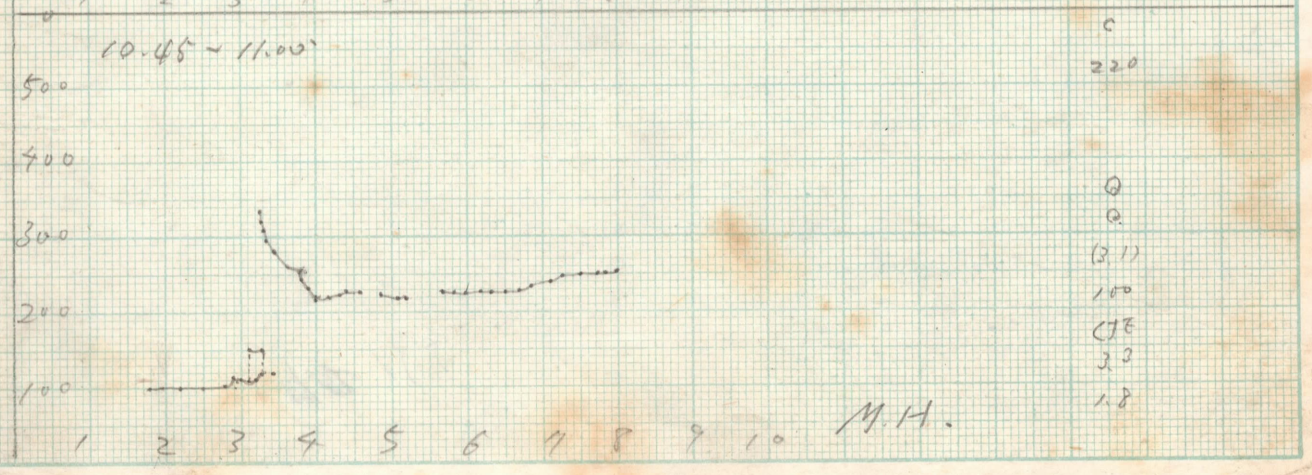


9 NOV. 1947 WAKKANAI NO 4618



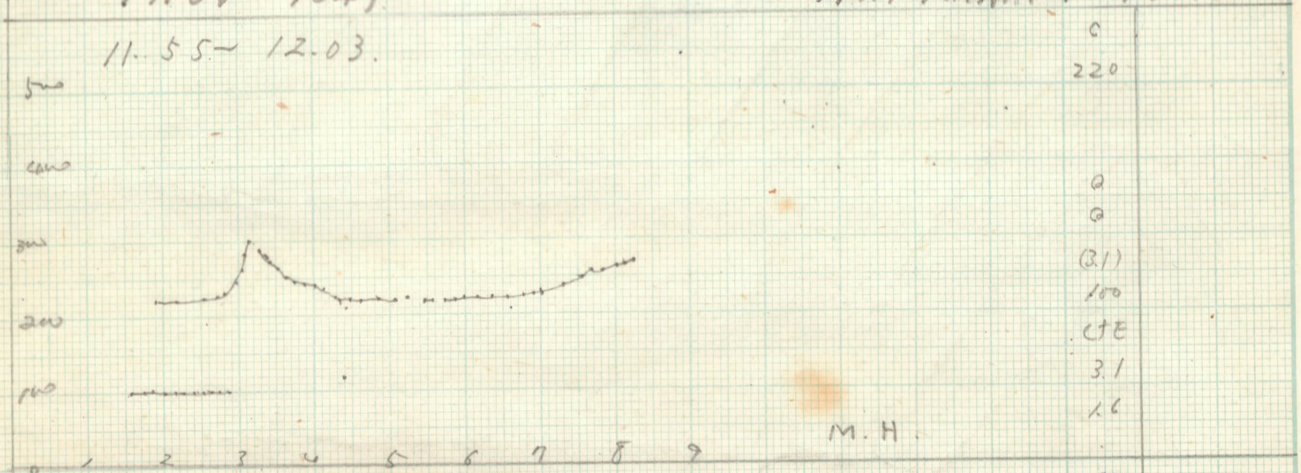




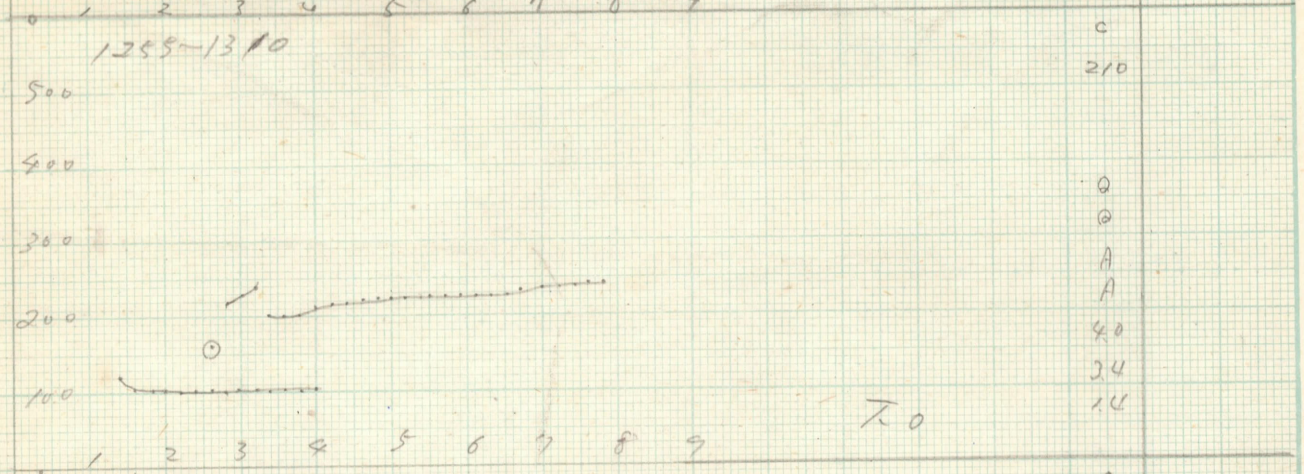


9 NOV 1947 WAKKANAI No 4619.

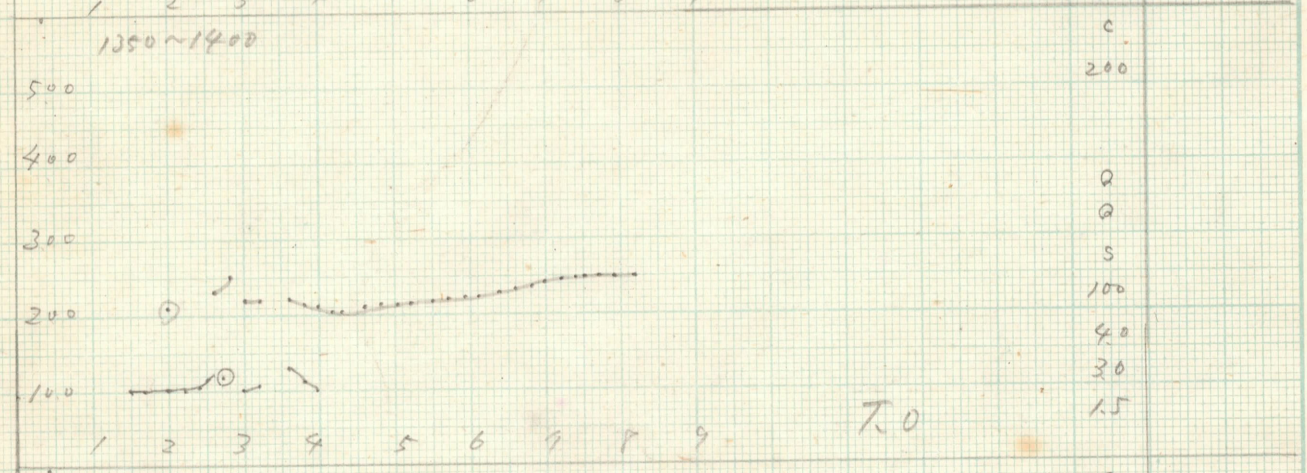
11.55~12.03.



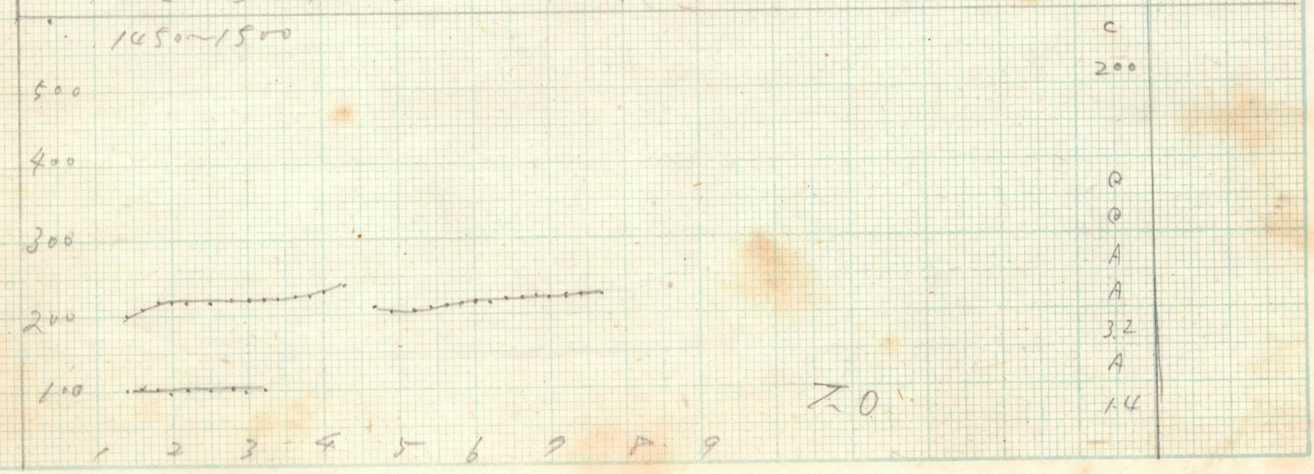
1255~1310



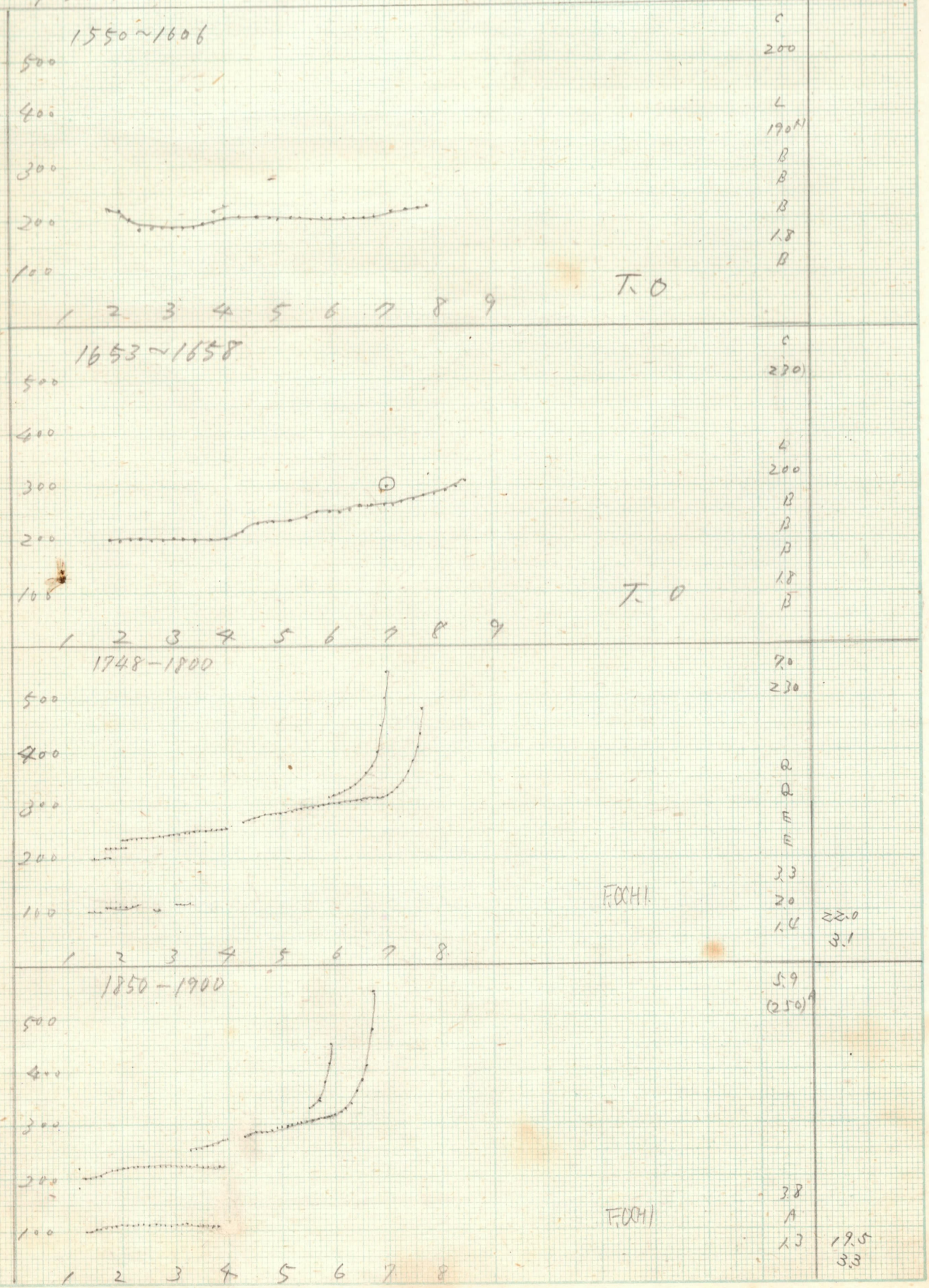
1350~1400



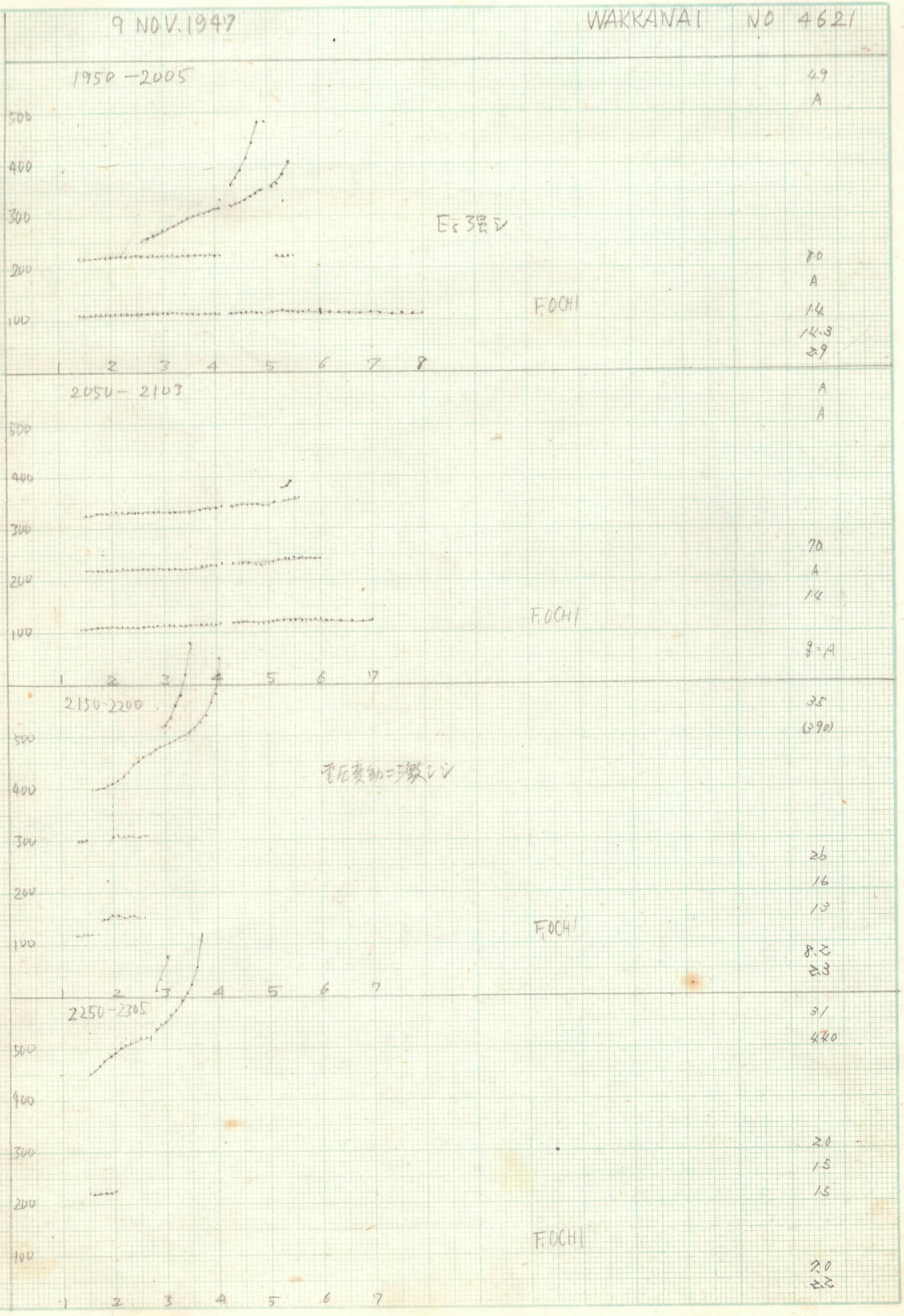
1450~1500

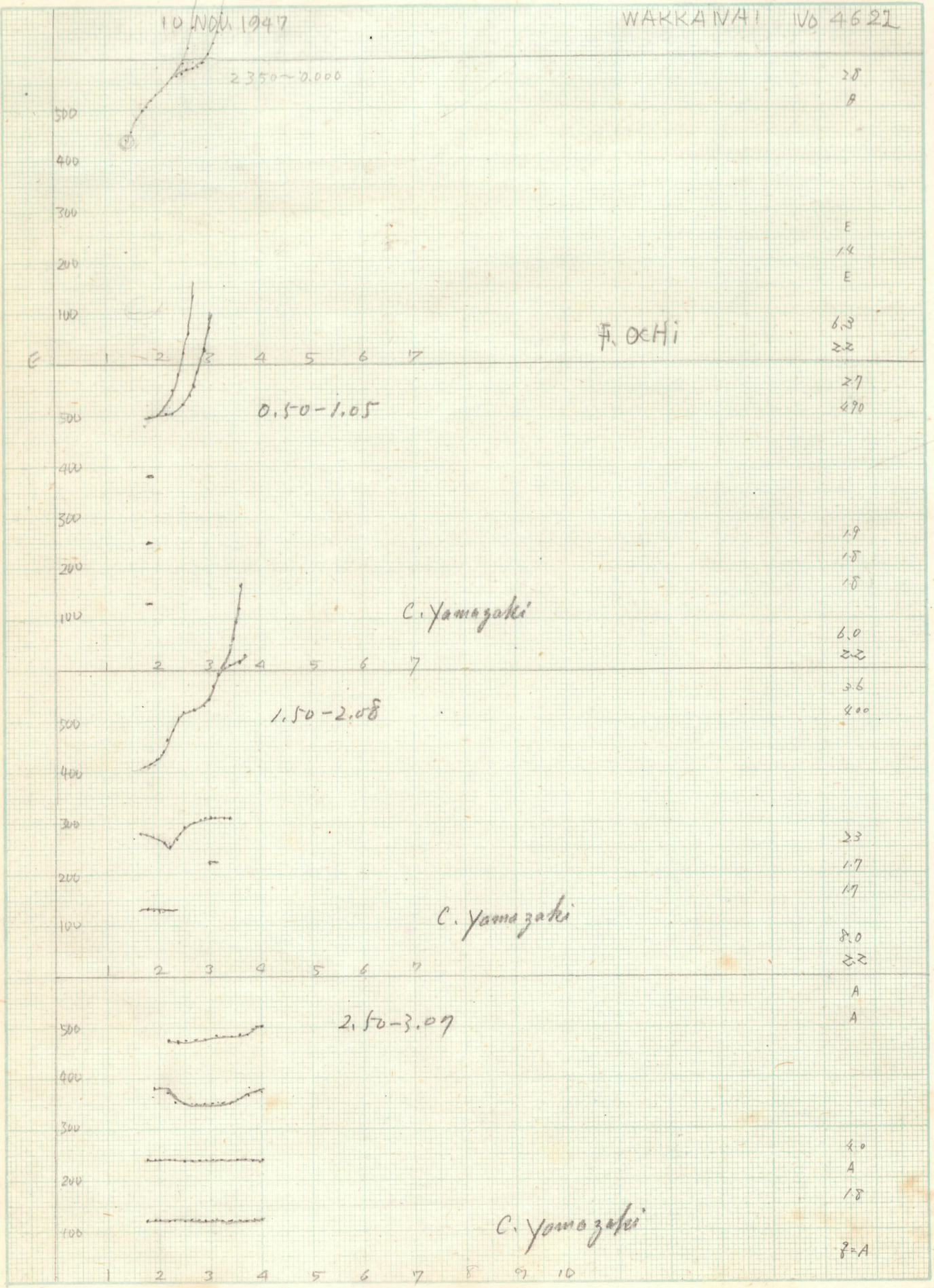


9 th, Nov. 1947. Wakkanai no ~ 4620



9 NOV. 1947 WAKKANAI NO 4621





2.8 MC
720 KM
750 KM
(3.4 MC)
10 NOV 1947
WAKKANAI
VO 4622
2350~0.000
500
400
300
200
100
E
1 2 3 4 5 6 7
F. OCHI
0.50-1.05
C. Yamazaki
1.50-2.08
C. Yamazaki
2.50-3.07
C. Yamazaki
1 2 3 4 5 6 7 8 9 10
2.8
8
E
1.4
E
6.3
2.2
2.7
4.90
1.9
1.8
1.8
6.0
2.2
3.6
4.00
2.3
1.7
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2.2
A
A
4.0
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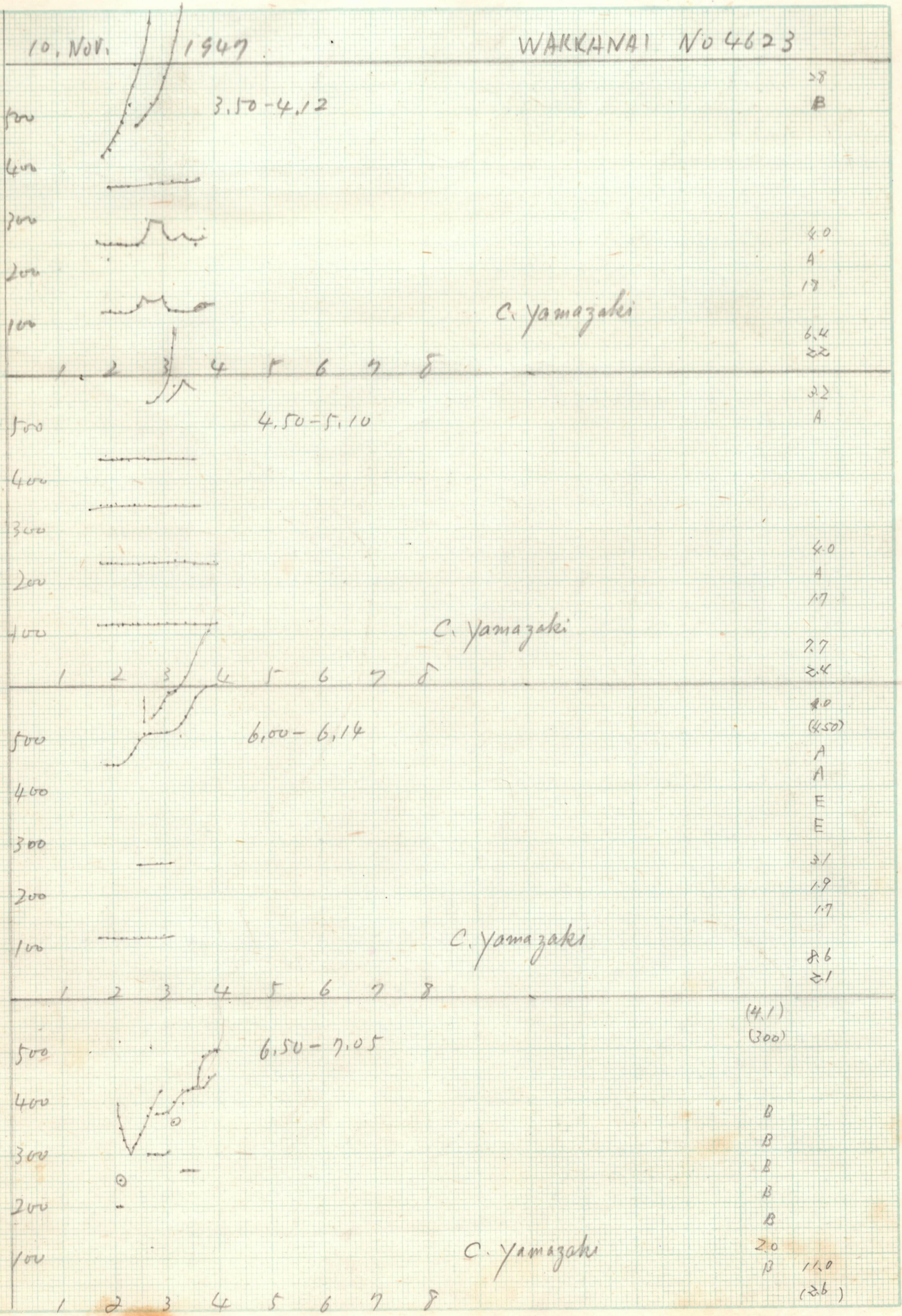
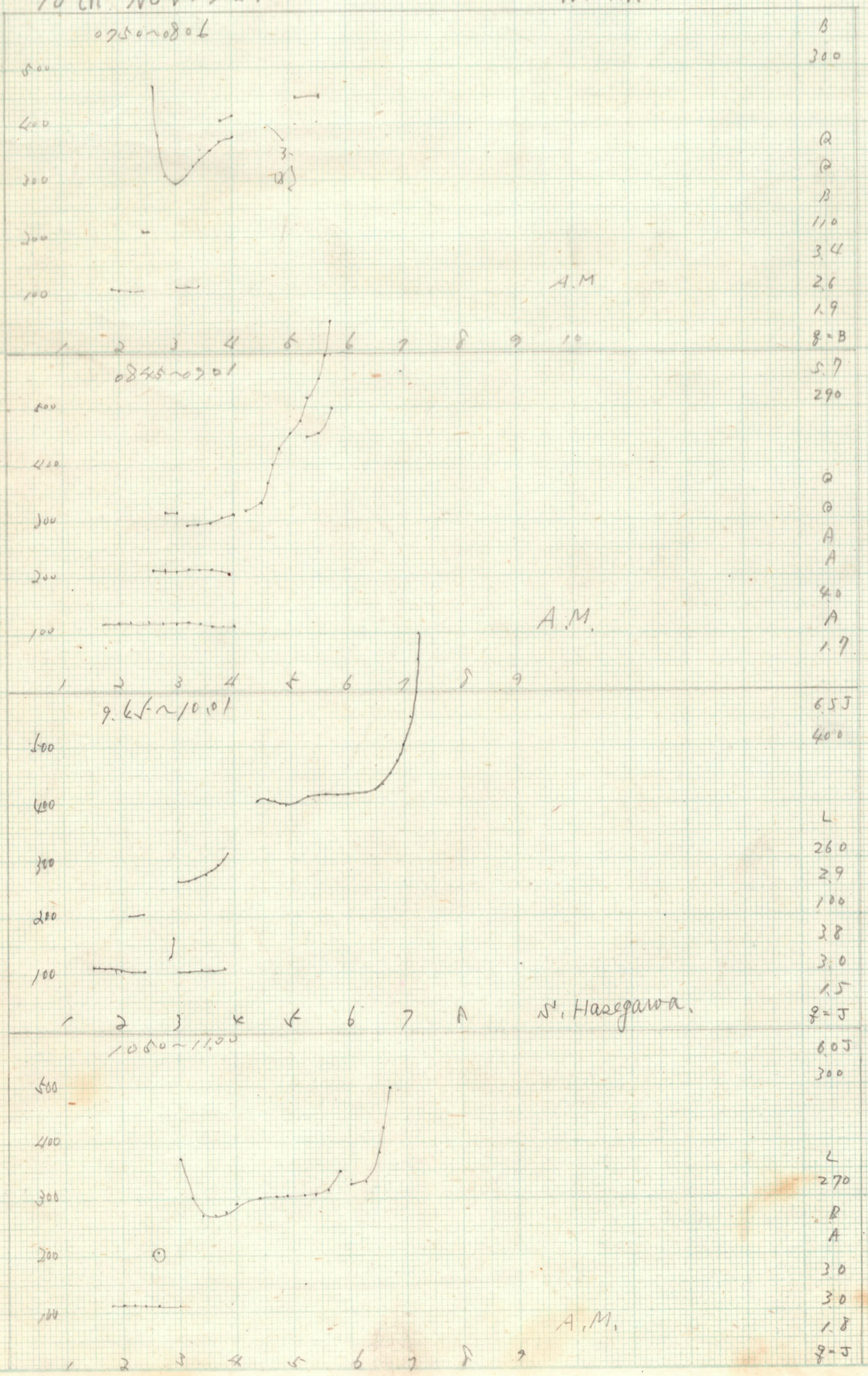
1.8
q=A

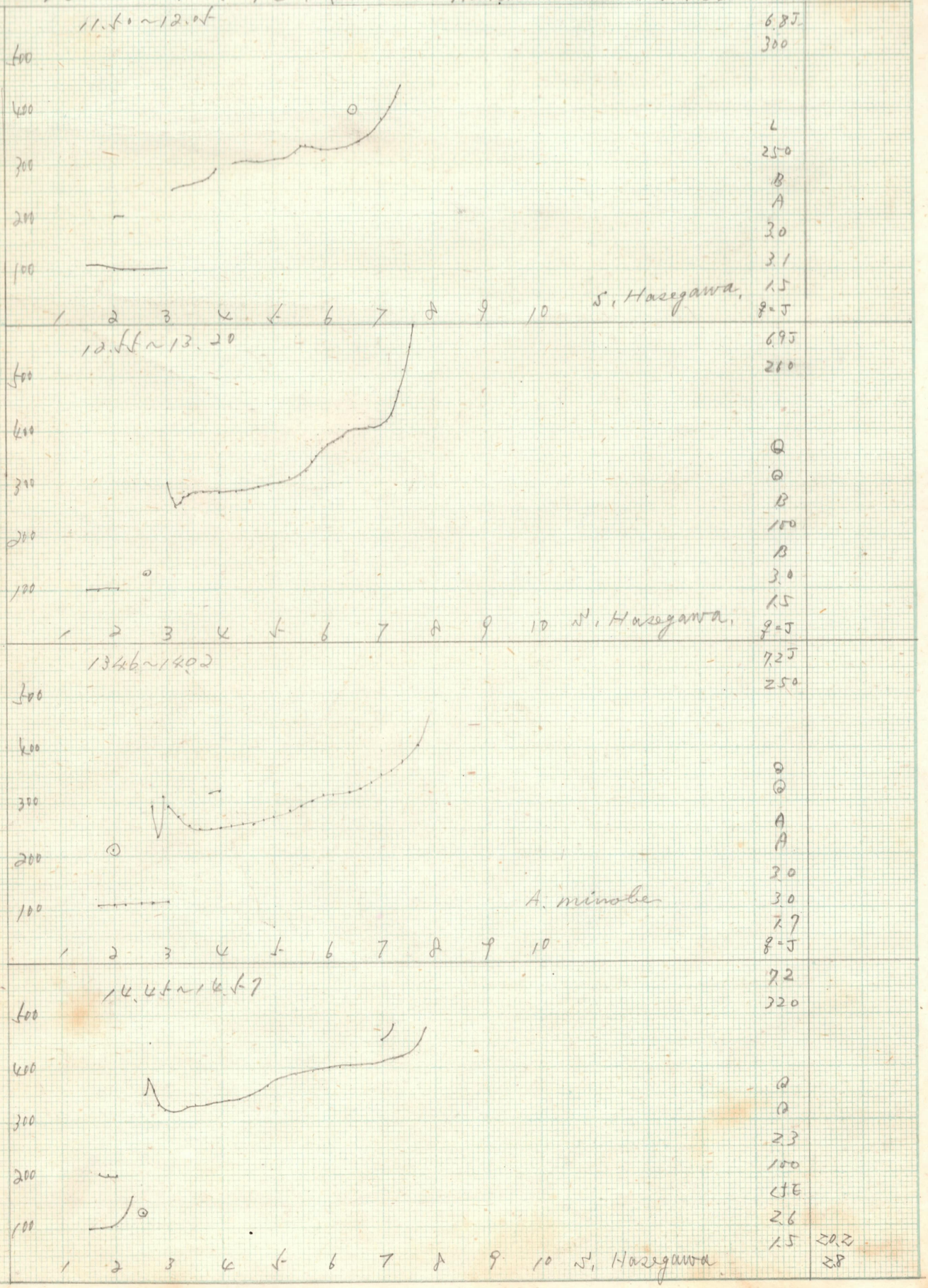
10. Nov. 1947 WAKKANAI No 4623



10th NOV 1947 WAKKANAI No 4624

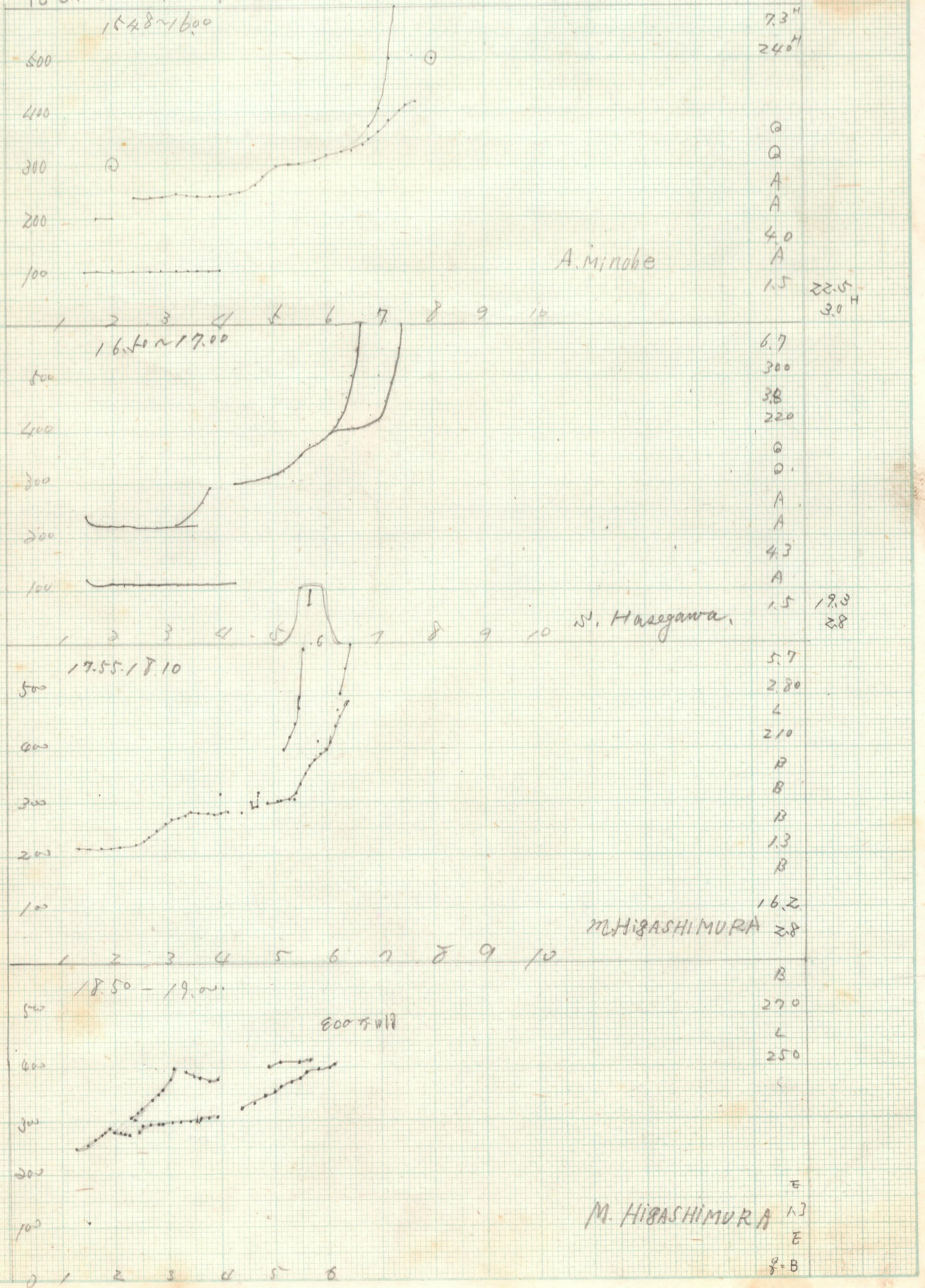


10th Nov. 1947 Wakkanai No. 4625



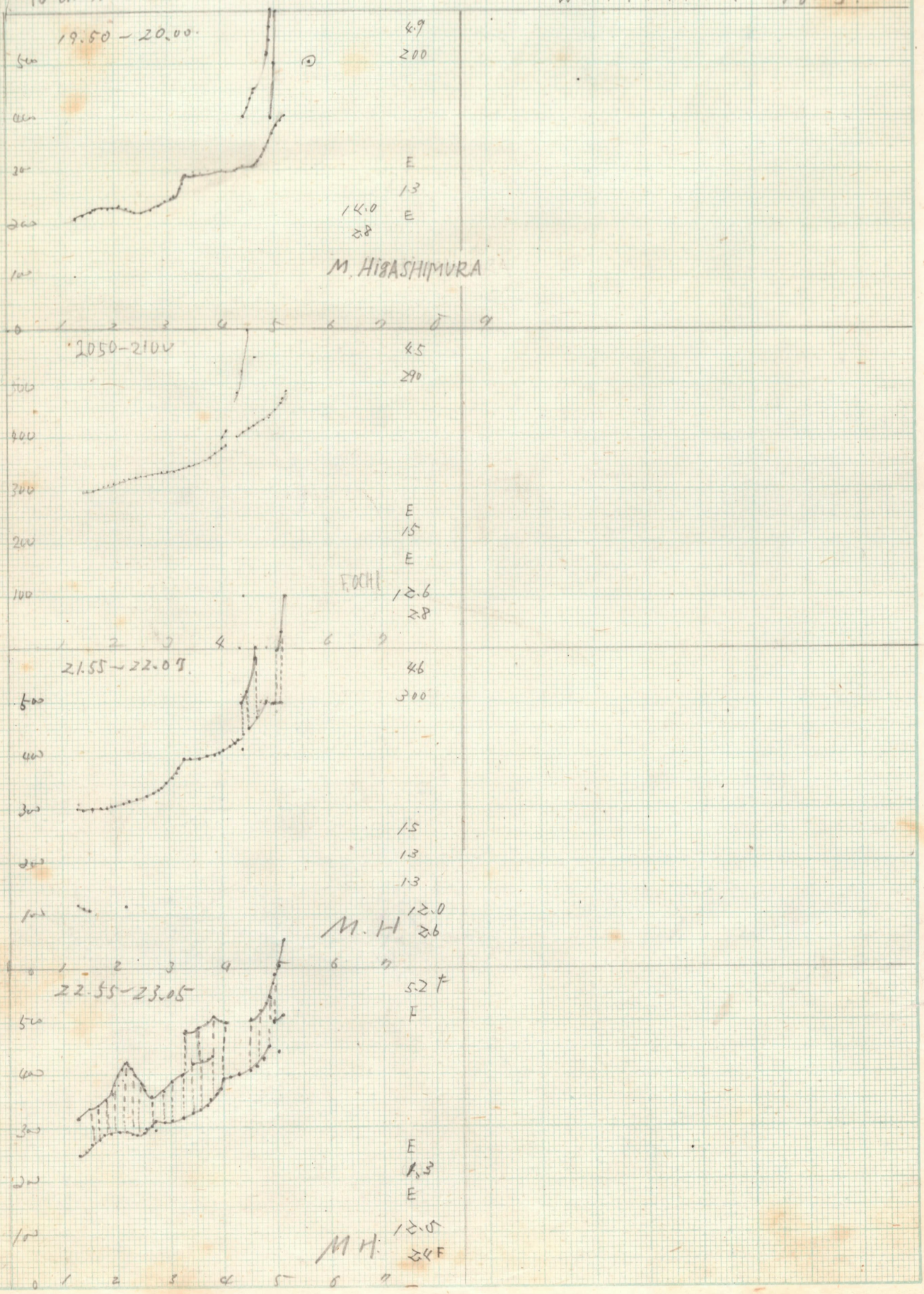
10th NOV 1947

WAKKANAI No-4626



10th NOV 1967

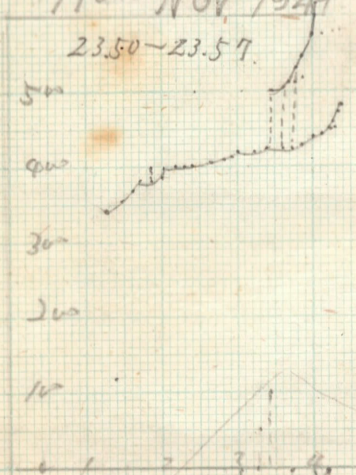
WAKKANAI No.4629.



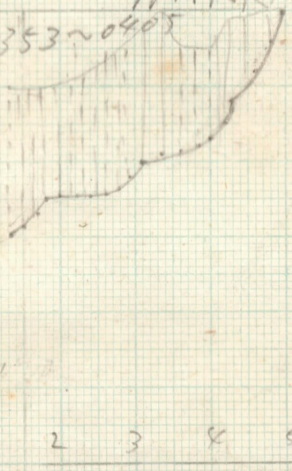
11th NOV 1949

WAKKANAI No 4628

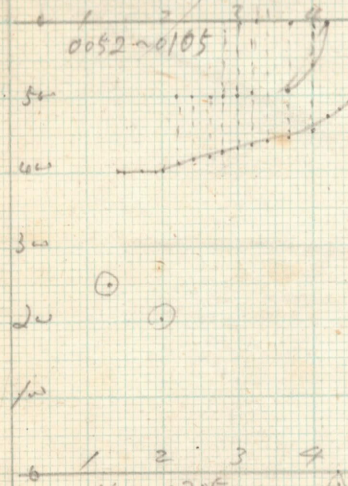
23.50~23.57



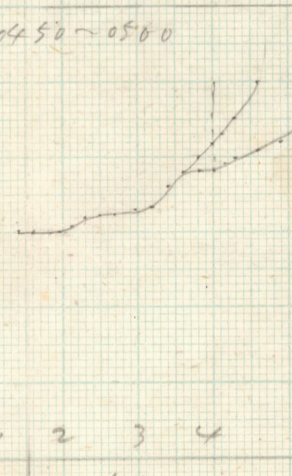
0353~0405



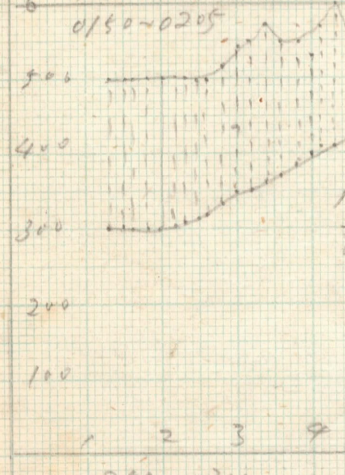
0052~0105



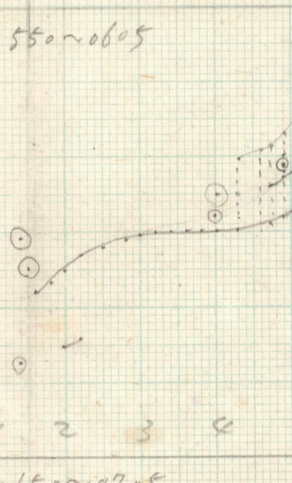
0450~0500



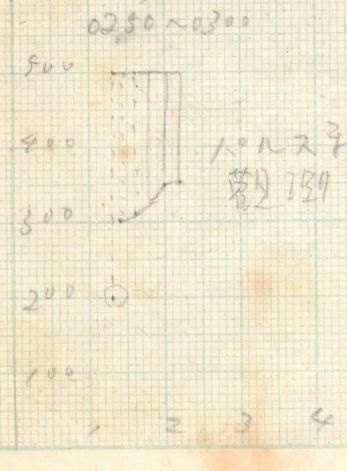
0150~0205



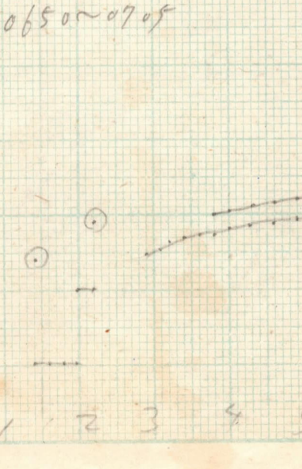
0550~0605



0250~0300



0650~0705



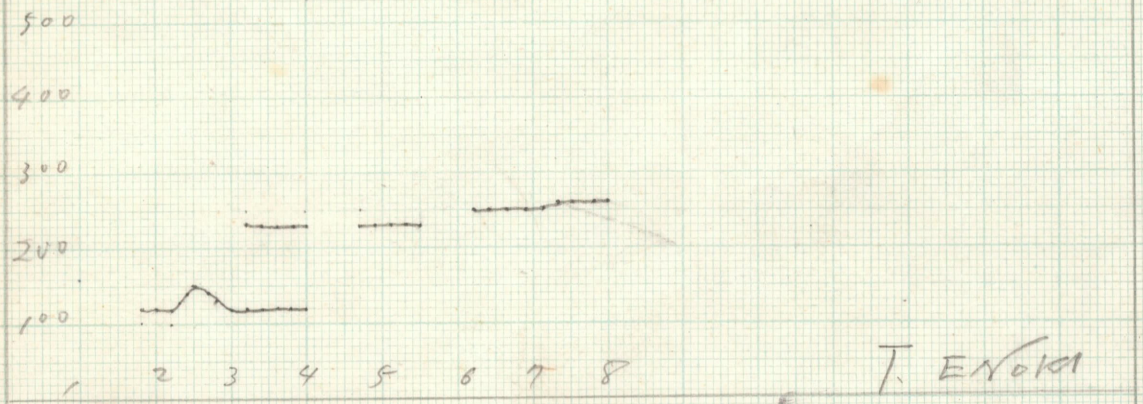
11th Nov 1949 Wakkanai no — 4629

0750 ~ 0800



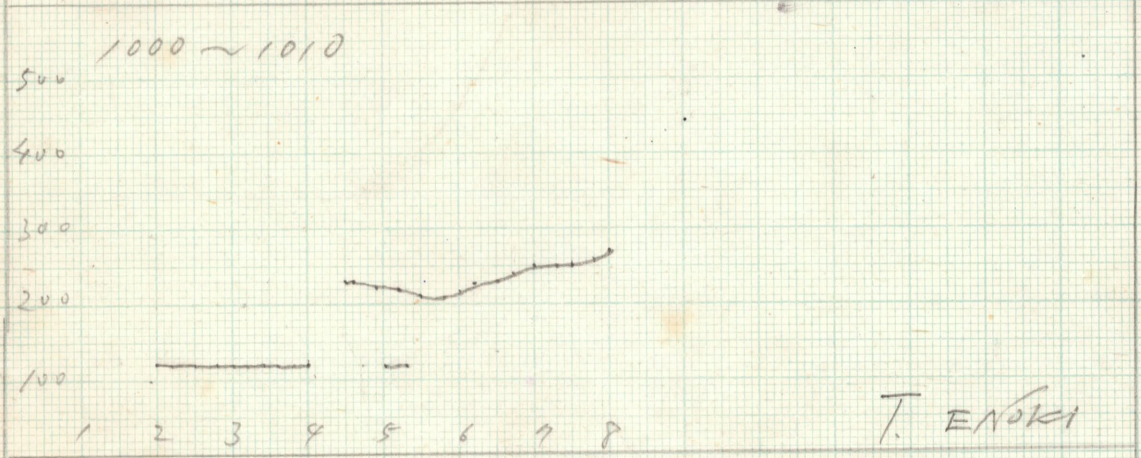
T. ENOKI

0850 ~ 0900



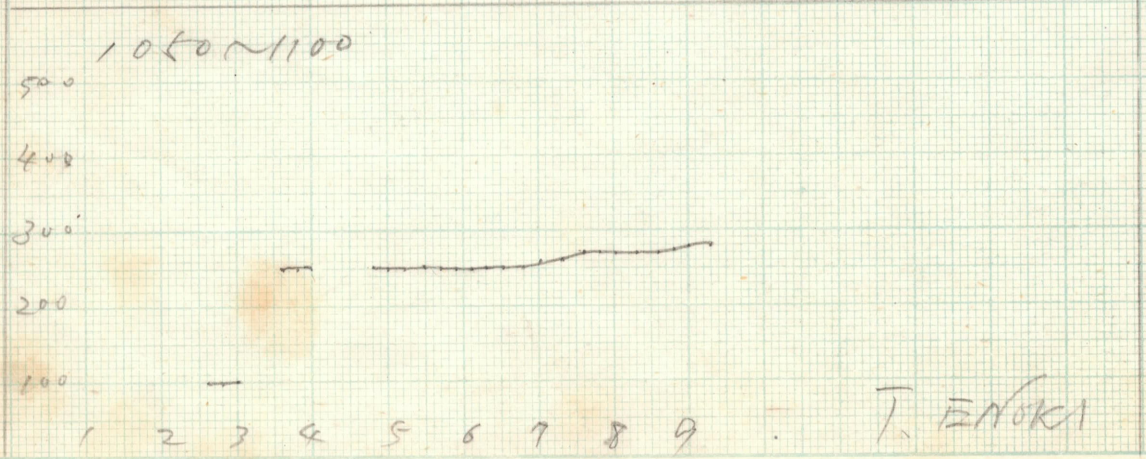
T. ENOKI

1000 ~ 1010



T. ENOKI

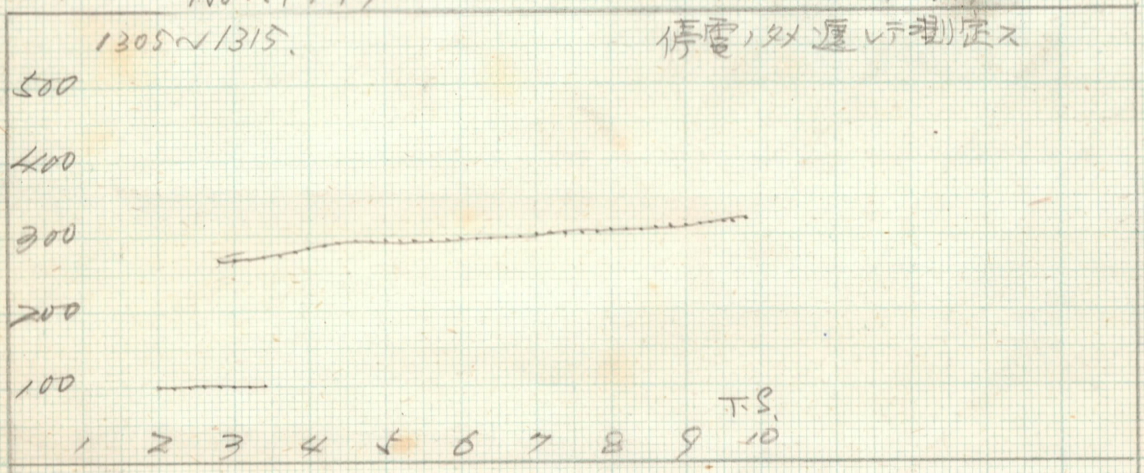
1050 ~ 1100



T. ENOKI

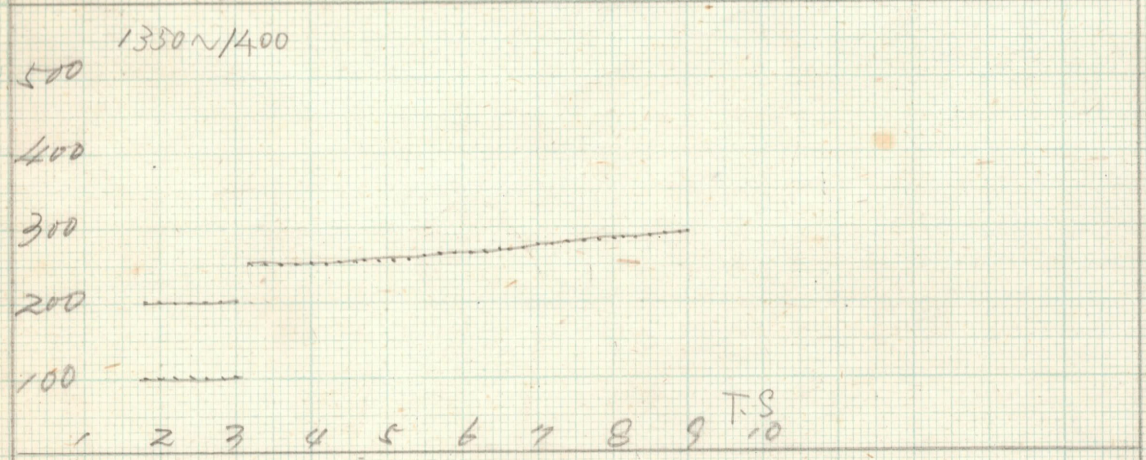
11th NOV. 1947 WAKKANAI No 4630

1305～1315. 停電ノ為遅レテ測定ス



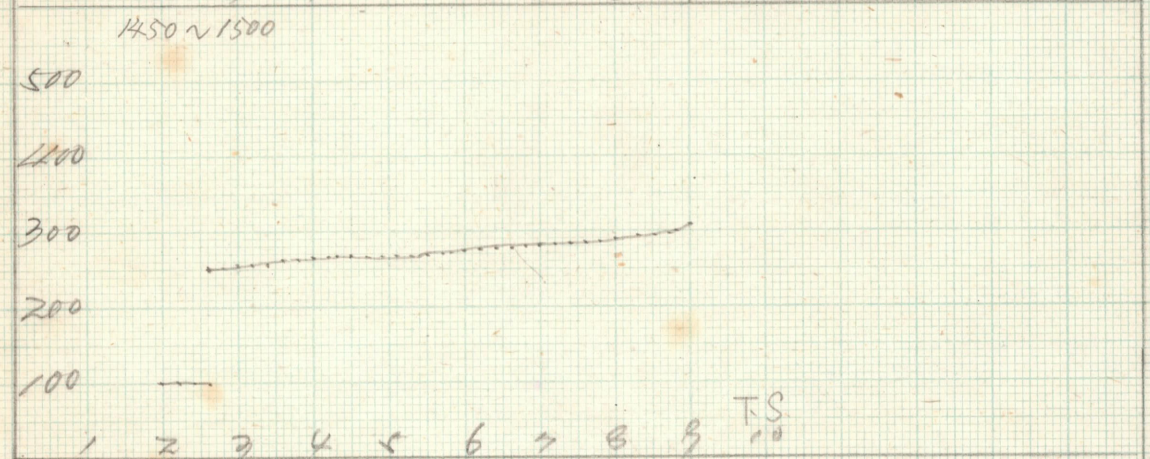
C ≥90 L ≥70 A A 34 A 20 g=c

1330～1400



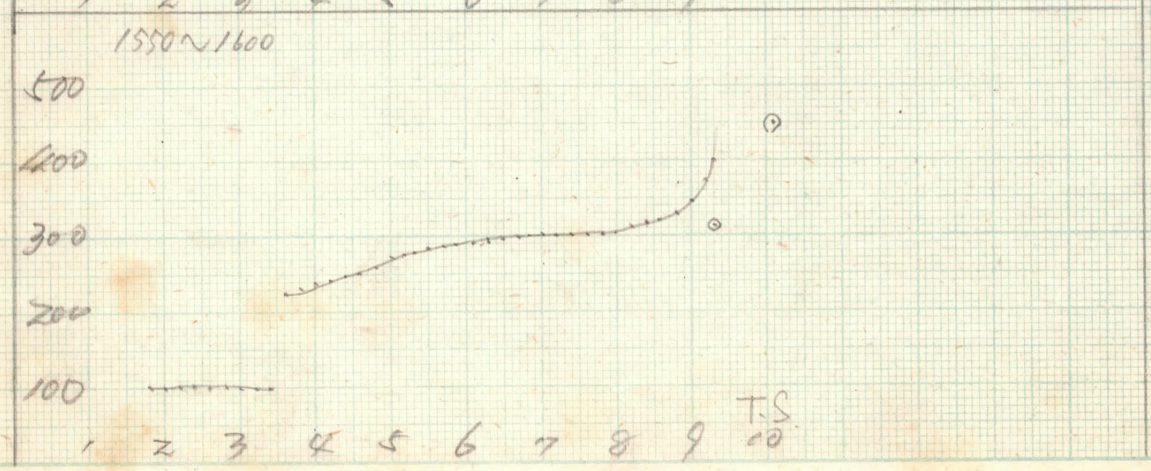
C ≥70 L ≥50 A A 30 A 18 g=c

1450～1500



C ≥50 L ≥50 L ≥60 A A 26 A 20

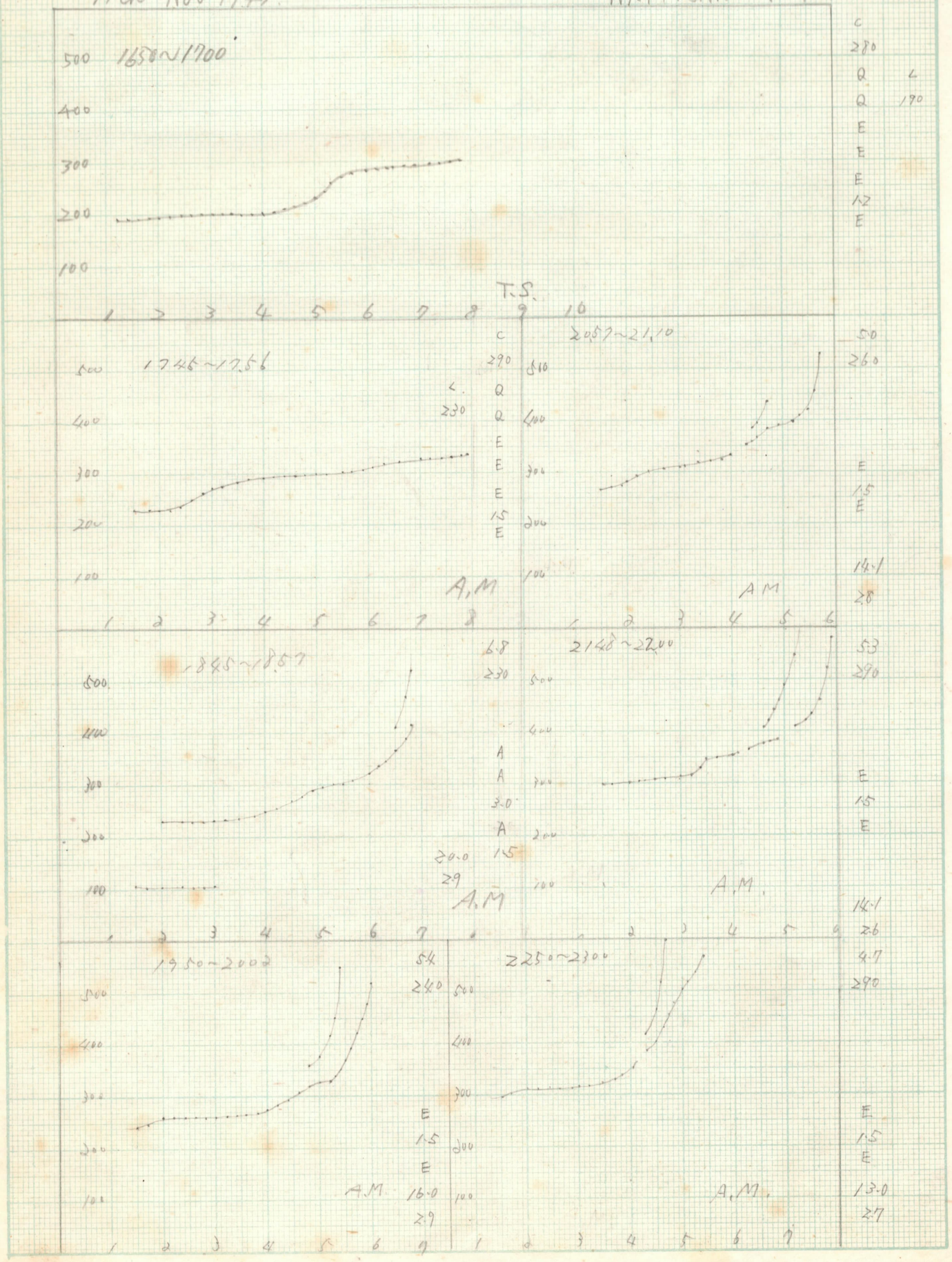
1550～1600



93 200 Q L Q ≥70 A A 34 A 18 30.5 32

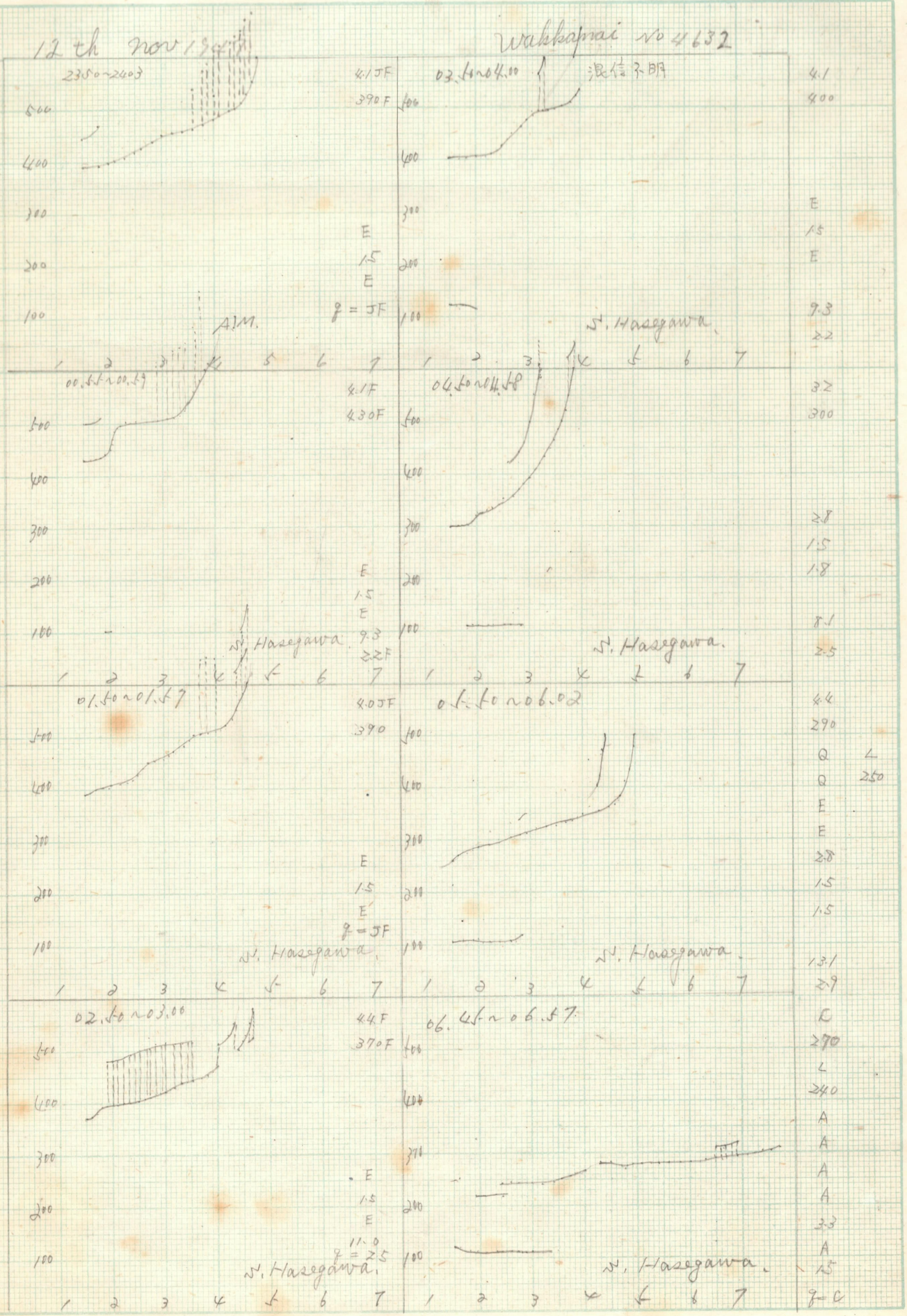
11th Nov 1949.

WAKKANAI. No. 4631

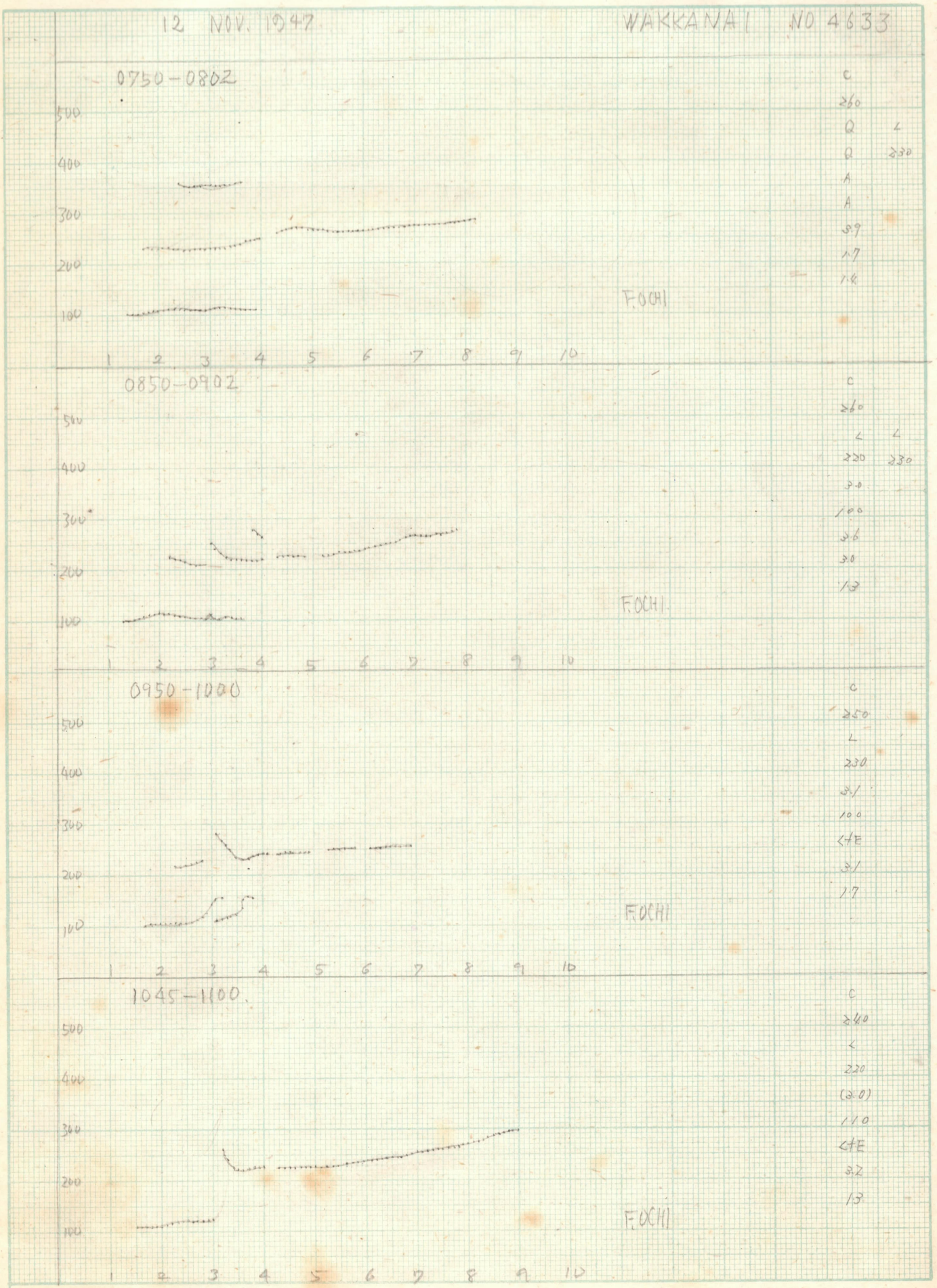


12th Nov. 1960

Wakkanai No 4632

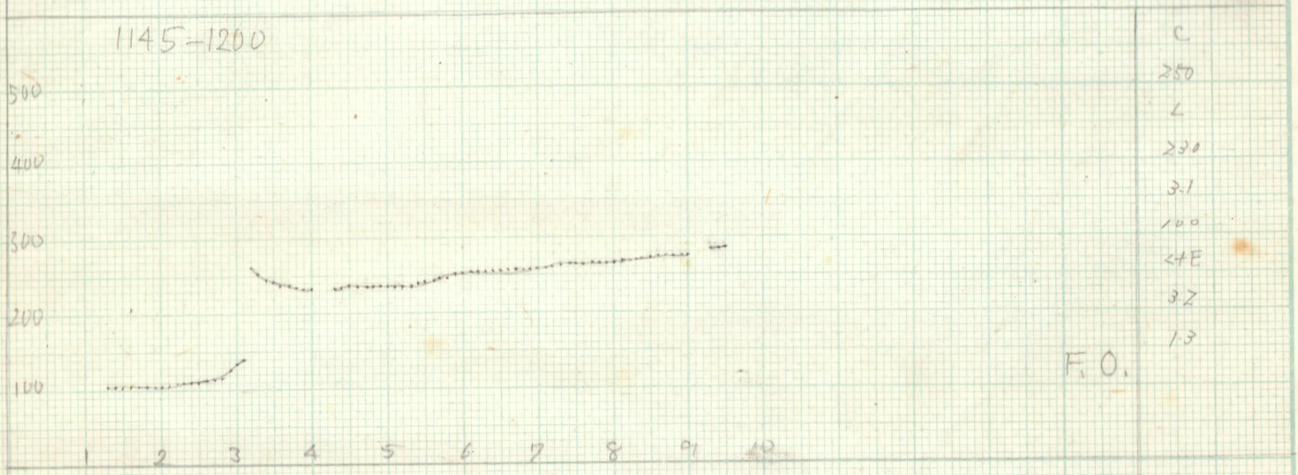


12 NOV. 1947 WAKKANAI NO 4633

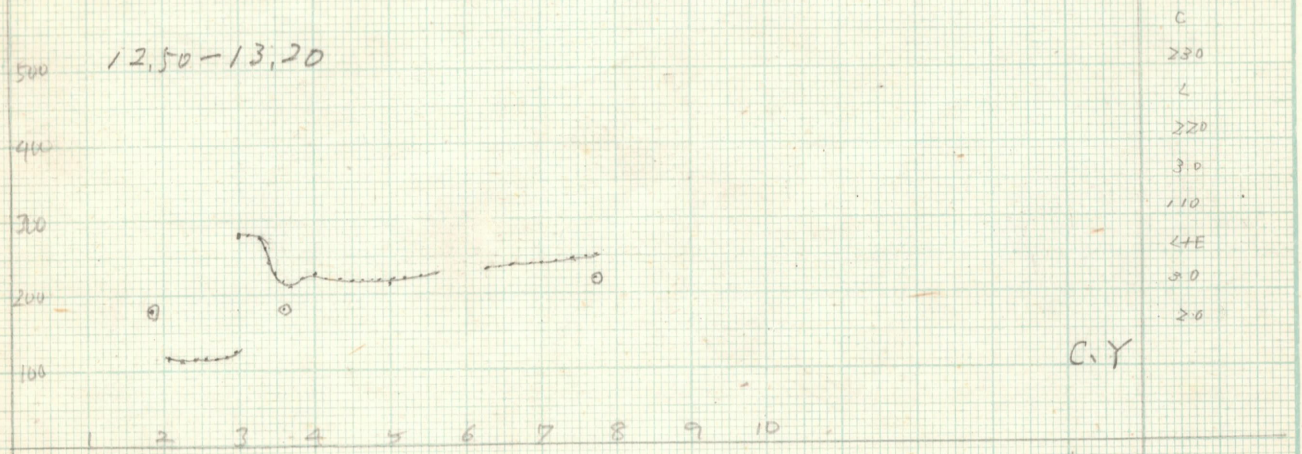


12 NOV 1997 WAKKANAI NO 4634

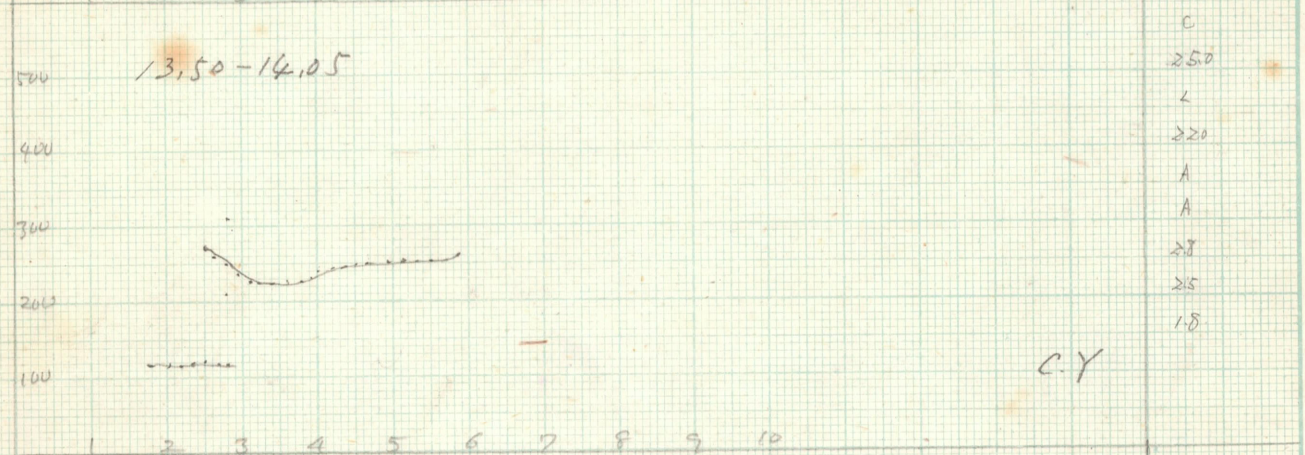
11.45-12.00



12.50-13.20

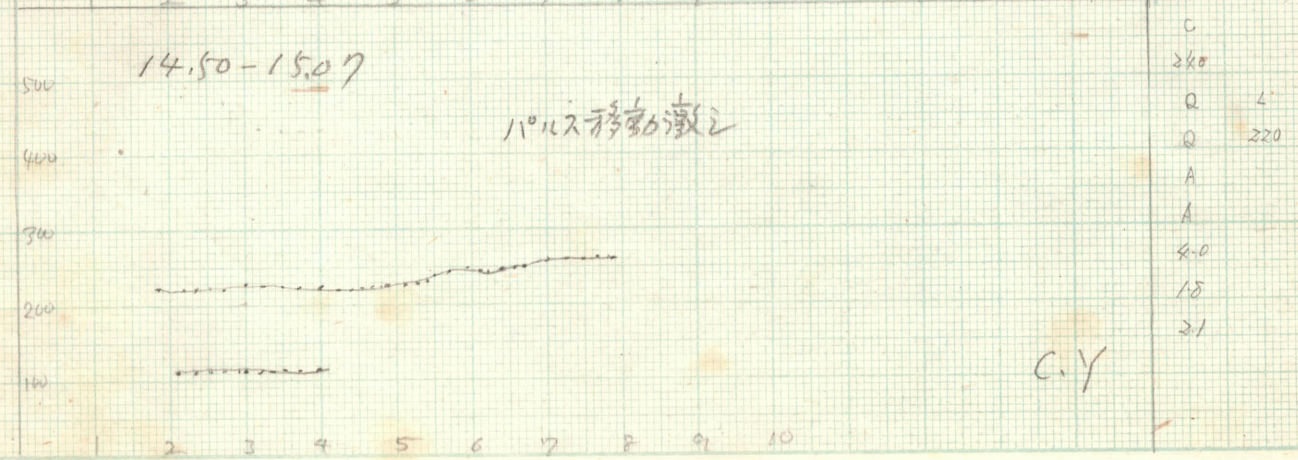


13.50-14.05



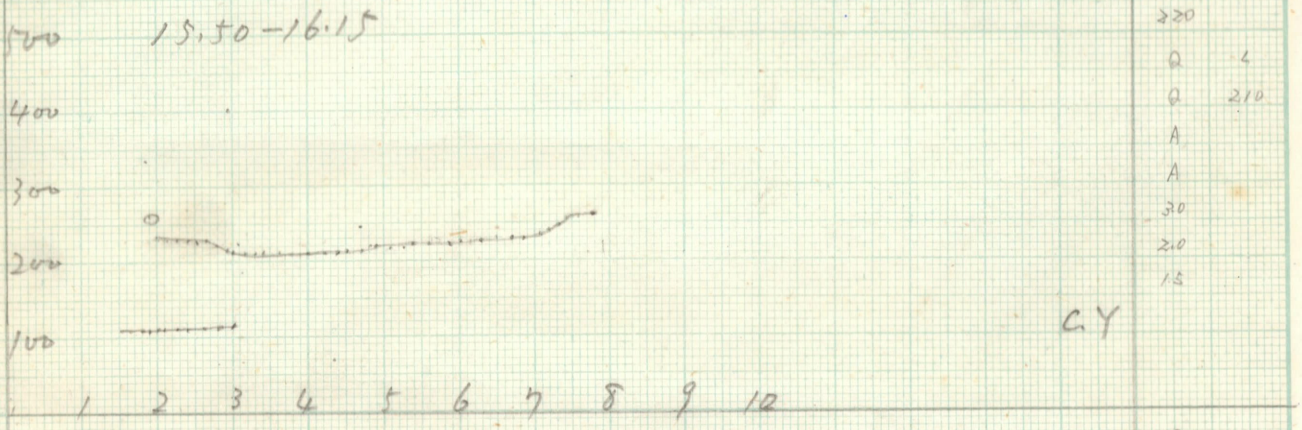
14.50-15.07

パルス移動測定

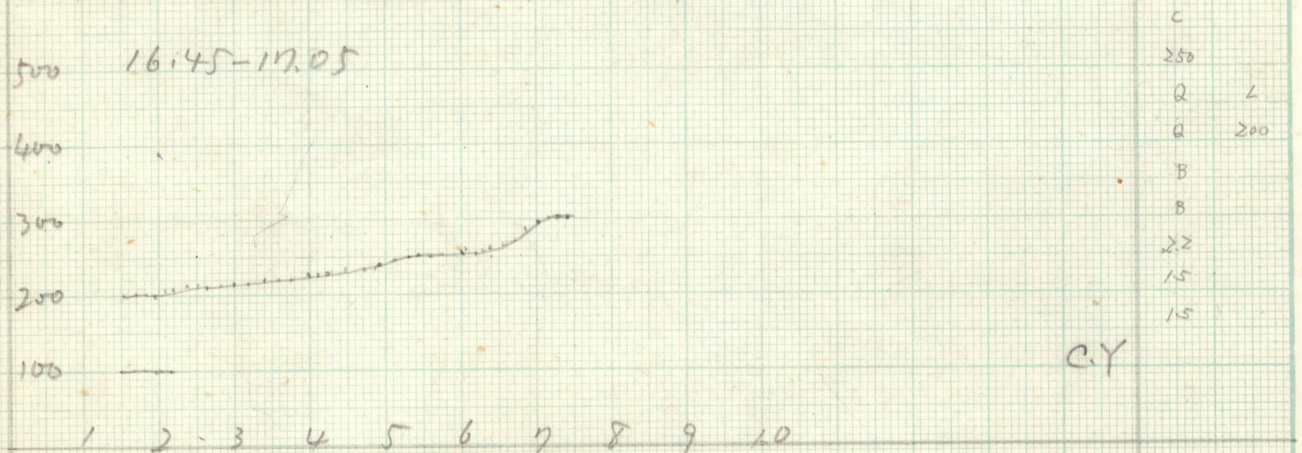


12. NOV. 1947 WAKKANAI NO 4635

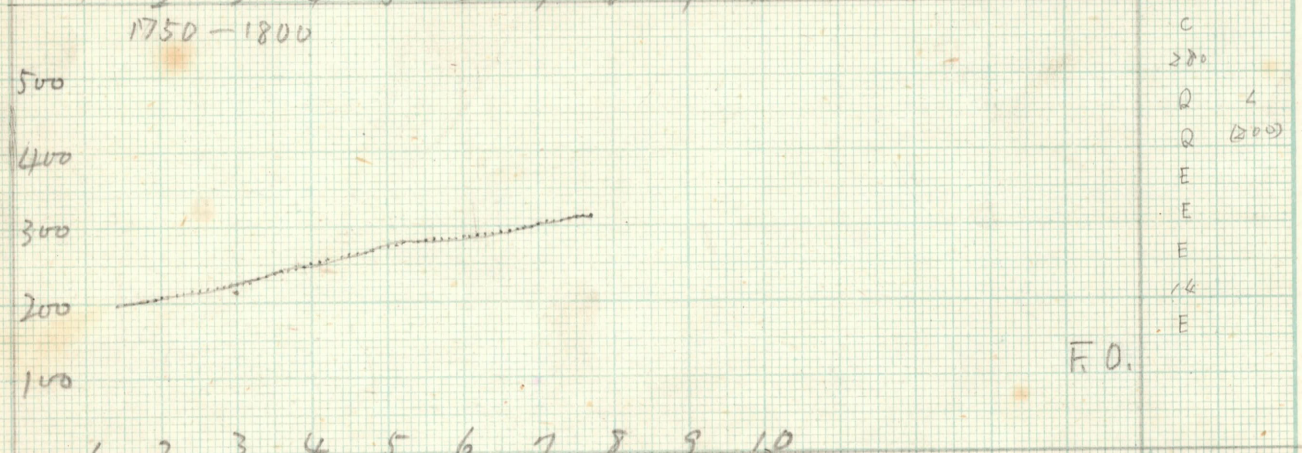
15.50 – 16.15



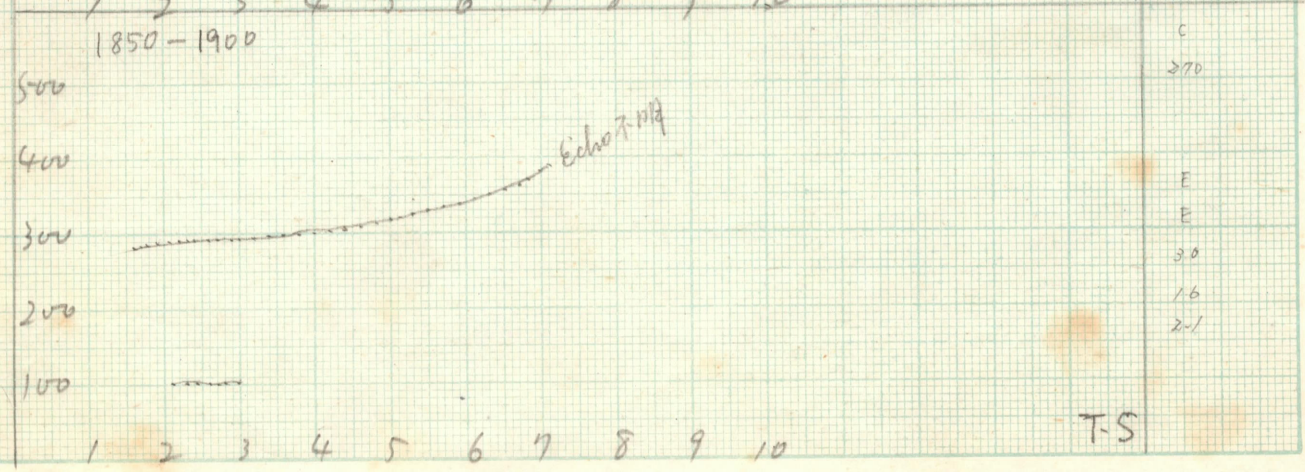
16.45 – 17.05



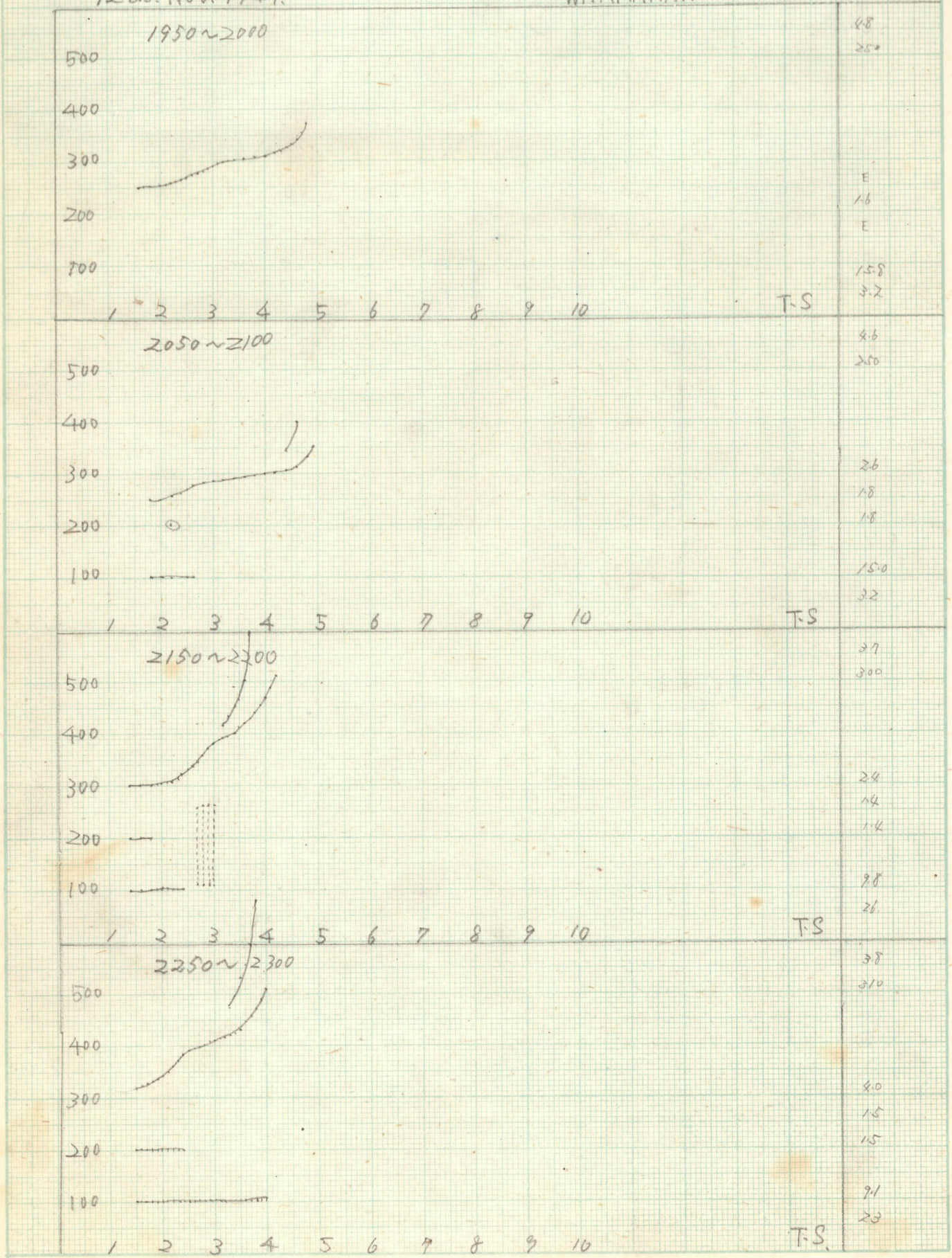
17.50 – 18.00



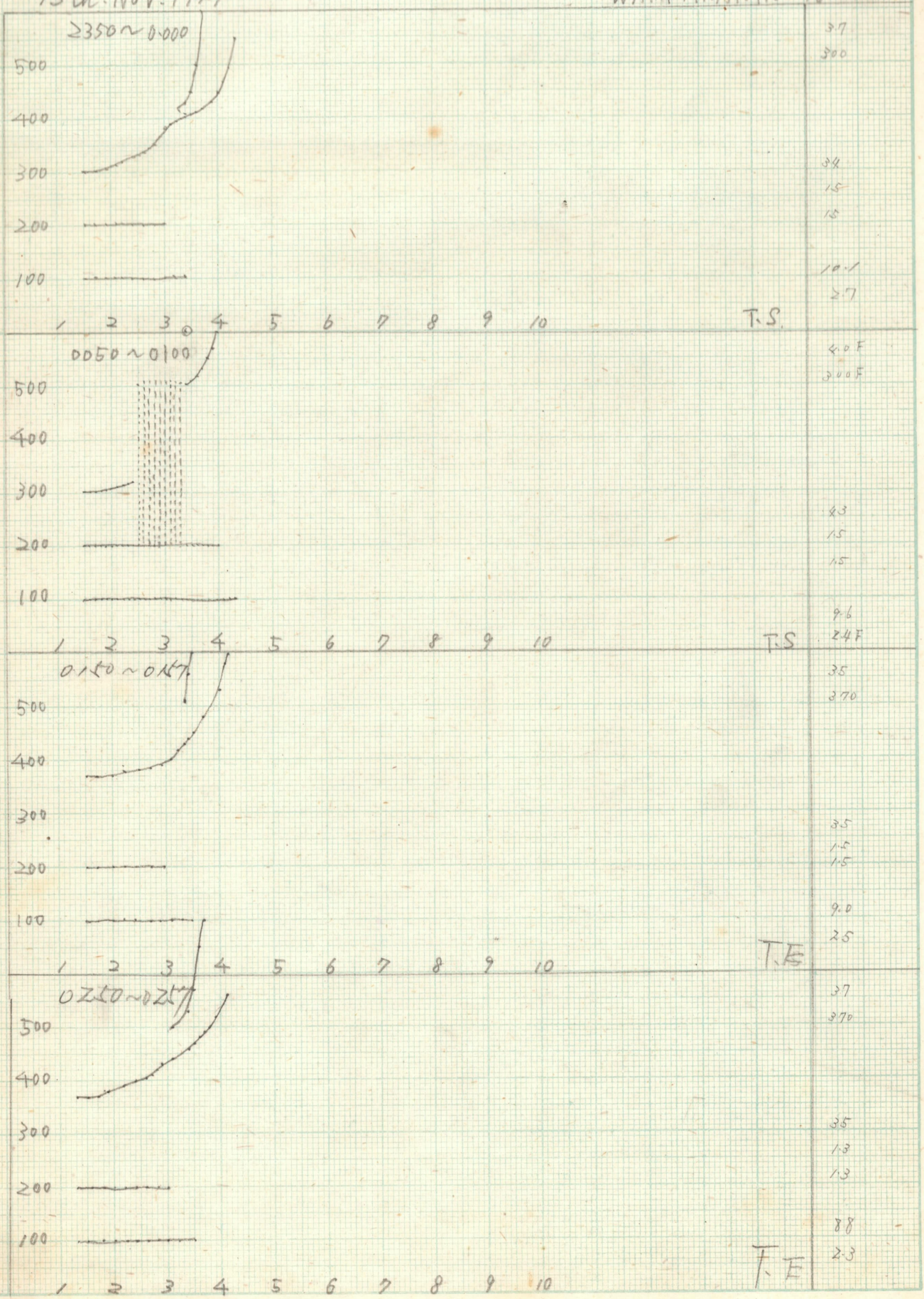
18.50 – 19.00



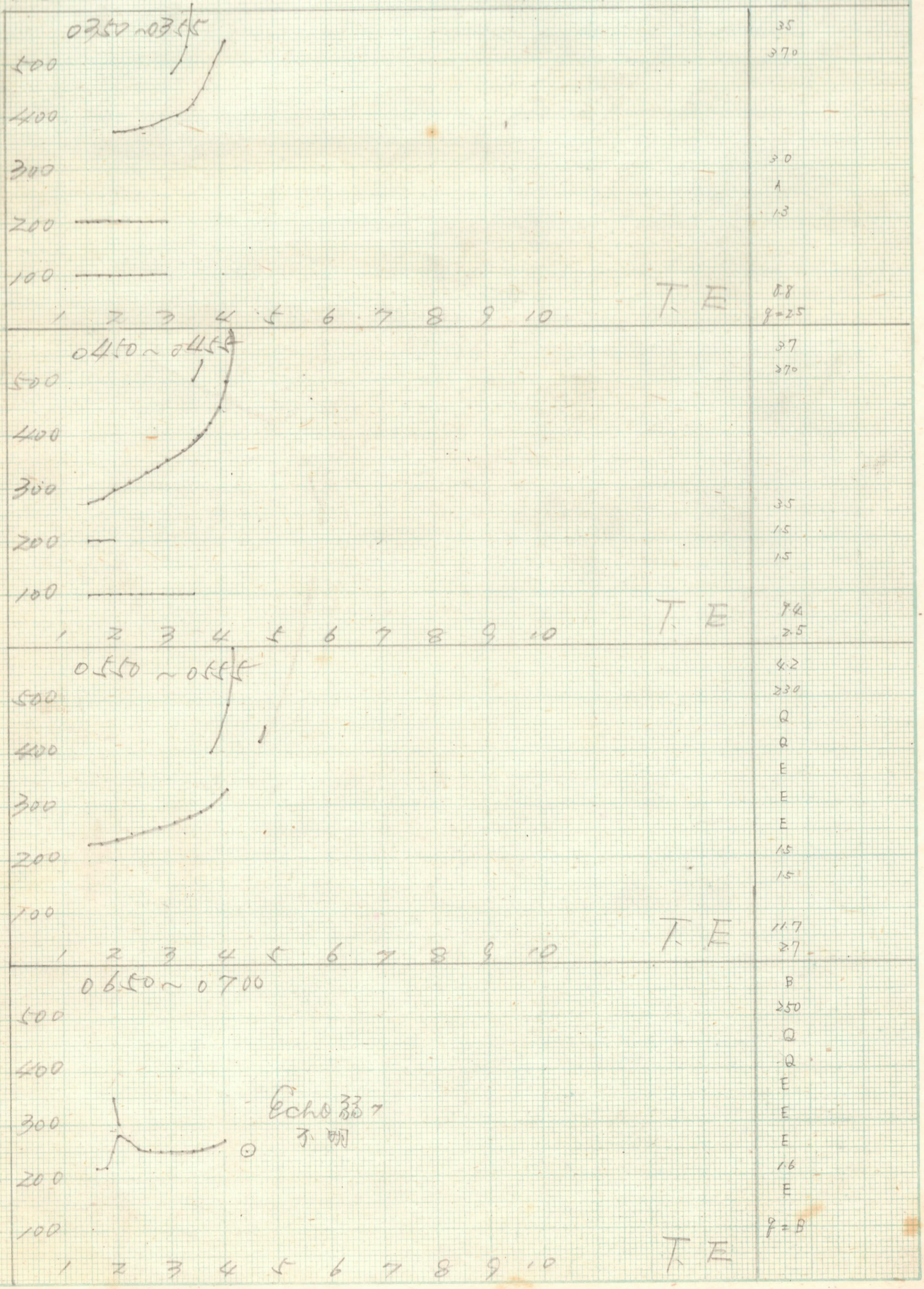
12th. NOV. 1947. WAKKANAI. No4636



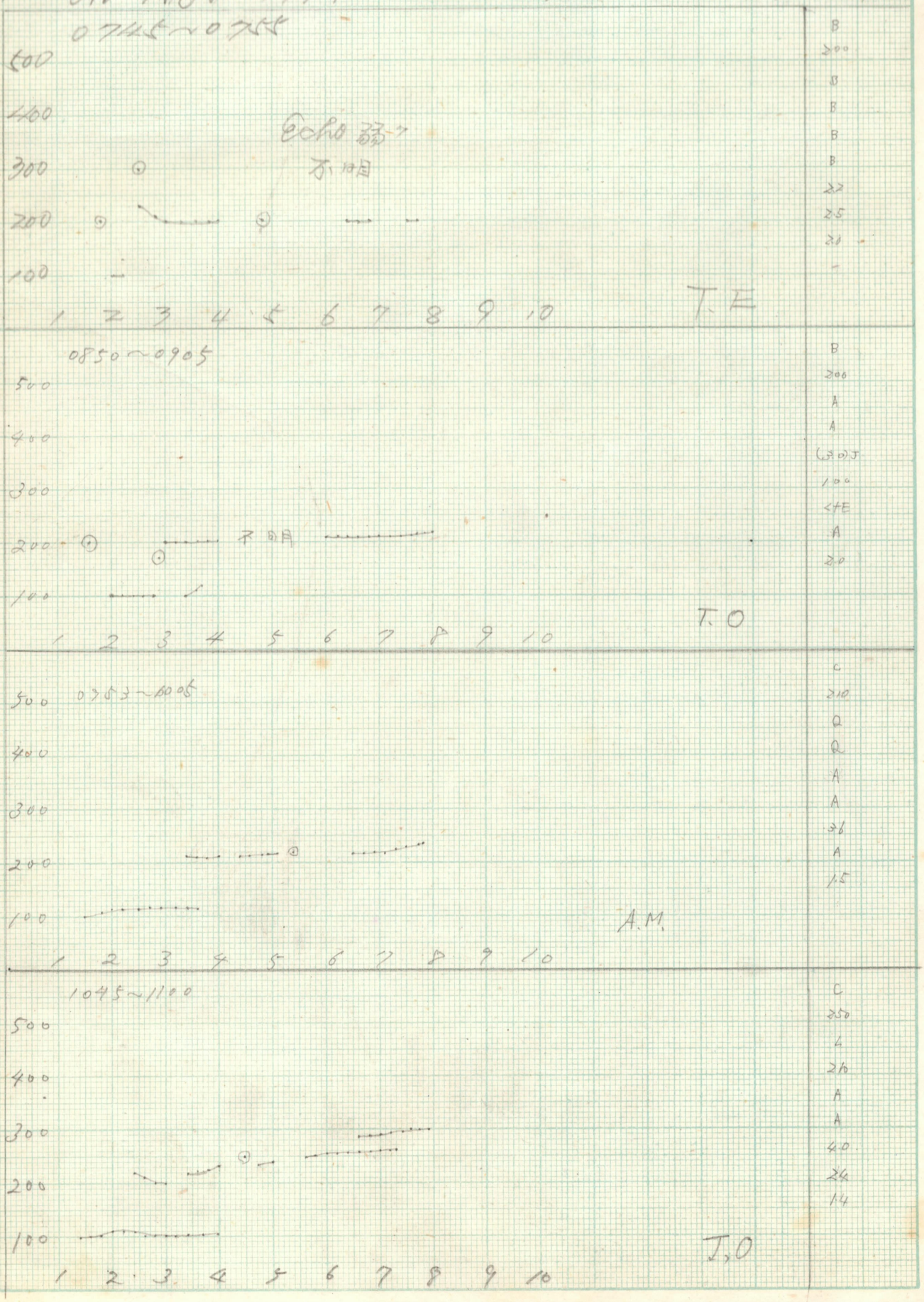
13th. NOV. 1947 WAKKANAI. NO. 4637.



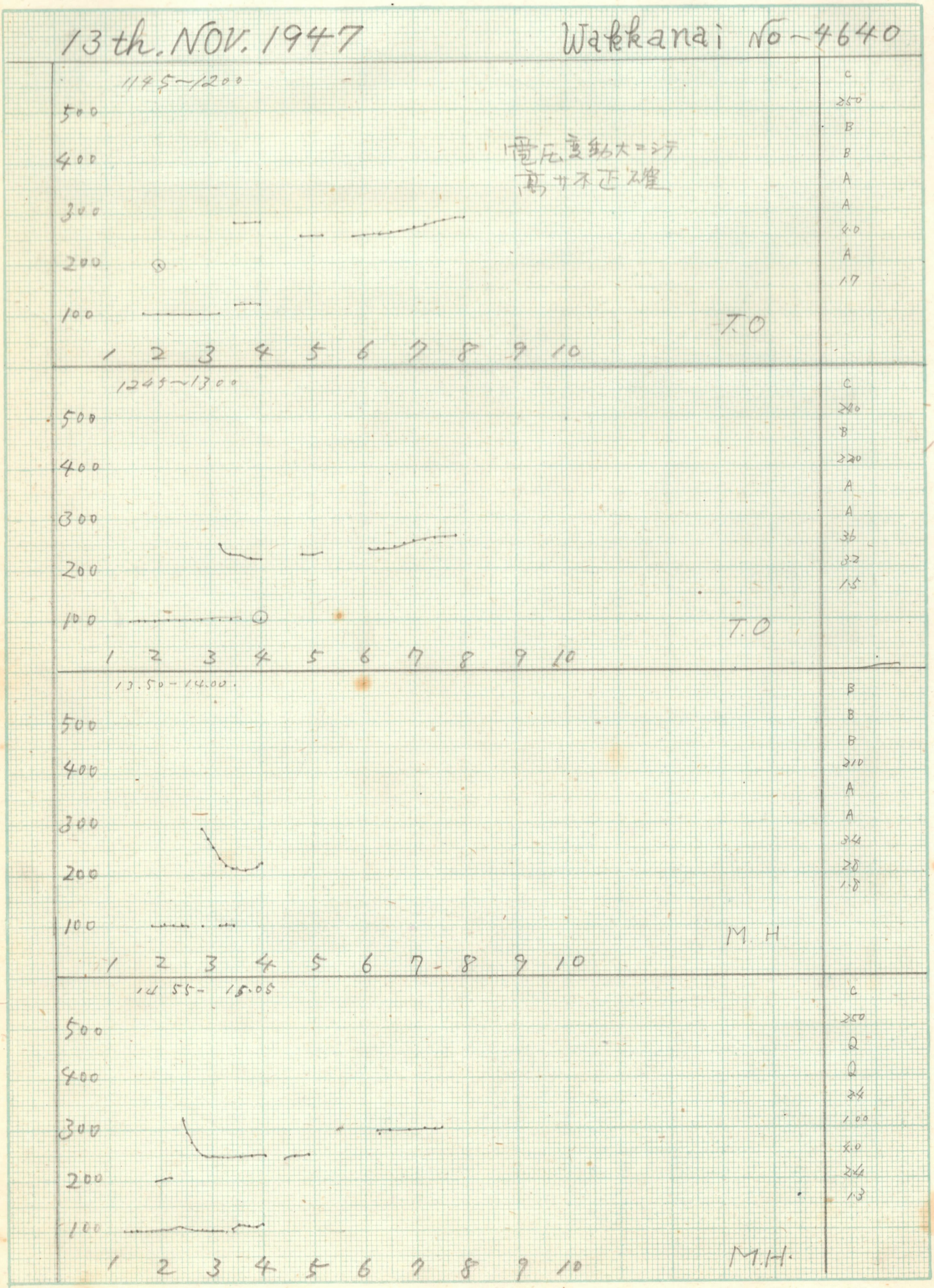
13th NOV 1947 WAKKANAI NO 4638



13th NOV 1947 WAKKANAI No 4639

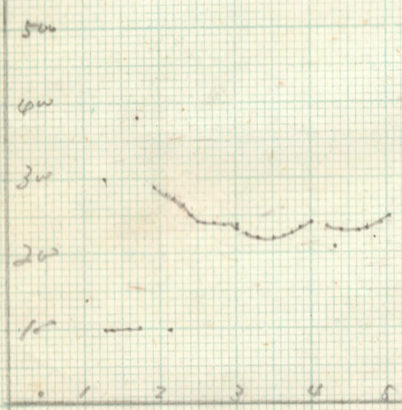


13th. NOV. 1947 Wakkanai No-4640



13th NOV 1947 WAKKANAI No 4641

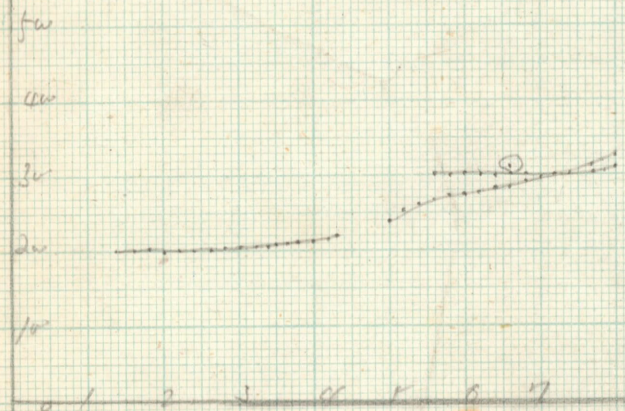
16.50–16.00



M.H.

B
330
410
220
A
A
17
20
13

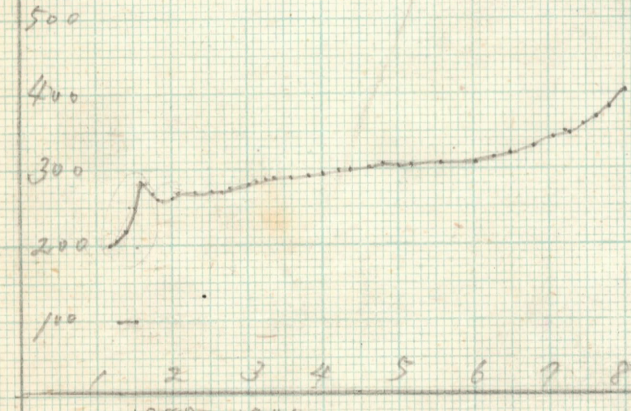
1645–1705



T.O

C
370
Q 4
Q 200
E
E
E
14
E

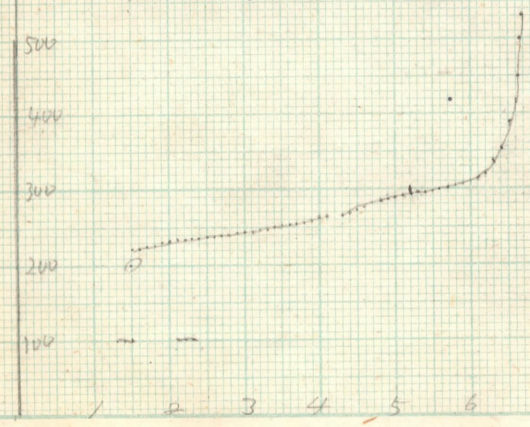
17.55. 18.03



M.H.

C
300M
Q
Q
E
E
15
12
13

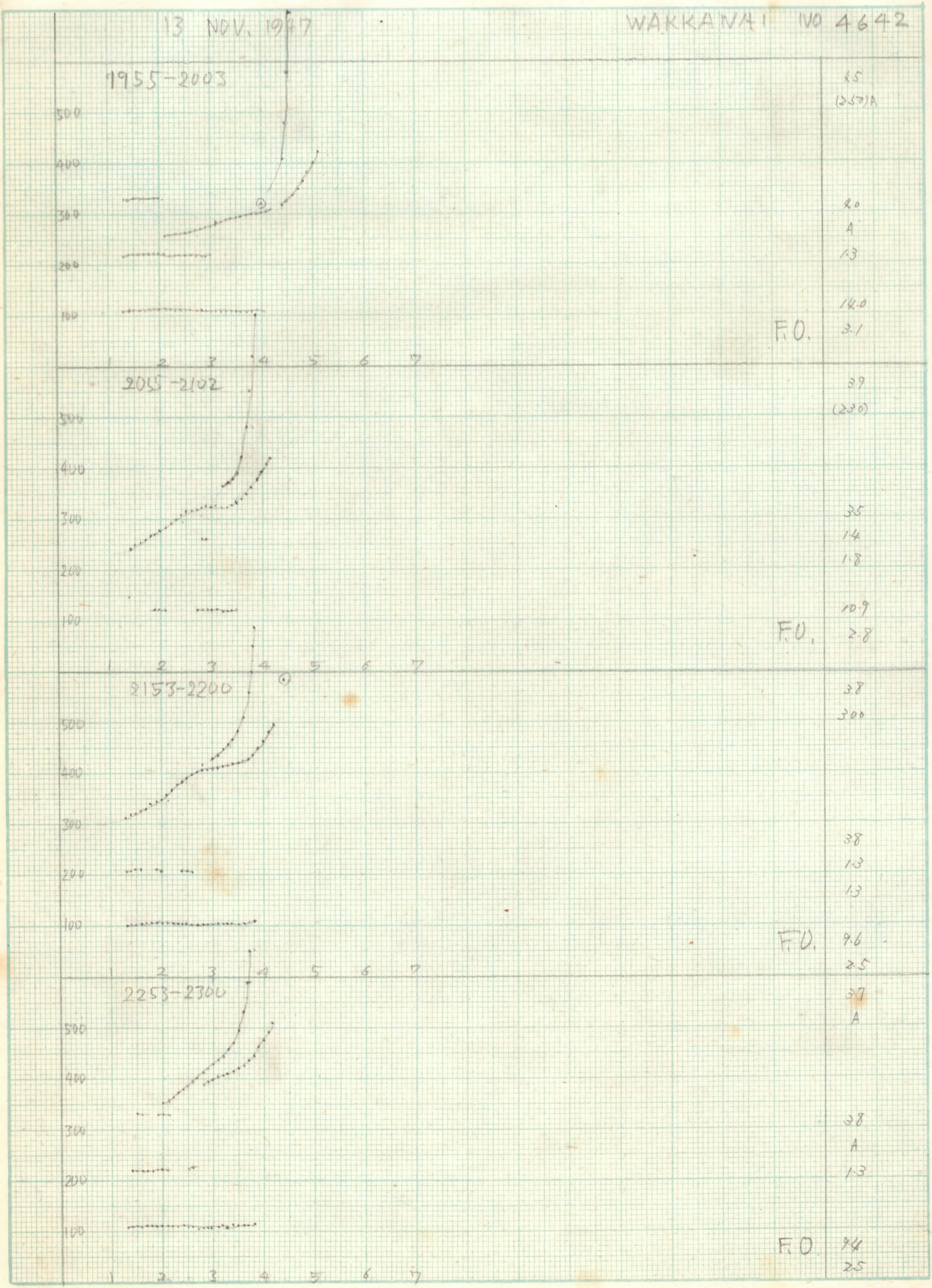
1850–1900



F.O.

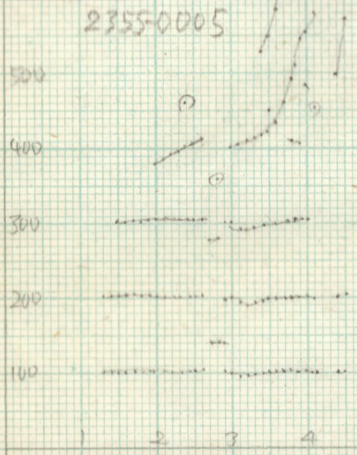
6.0
320
E
E
2.3
1.5
1.3
21.9
2.6

13 NOV. 1967 WAKKANAI NO 4642



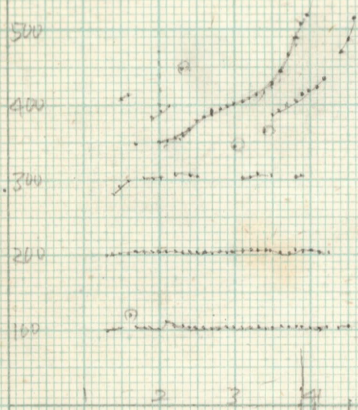
14 NOV. 1947 WAKKANAI WD 4643

2355-0005



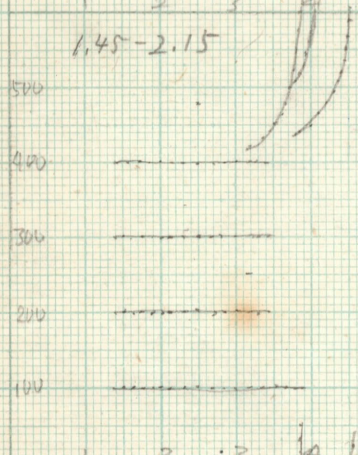
3.8
A
4.5
A
1.3
9.0
2.3
F.O.

0050-0100



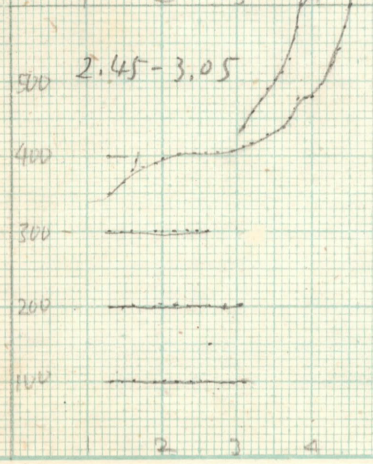
4.1
(3.50)A
4.5
A
1.3
10.5
2.5
F.O.

1.45-2.15



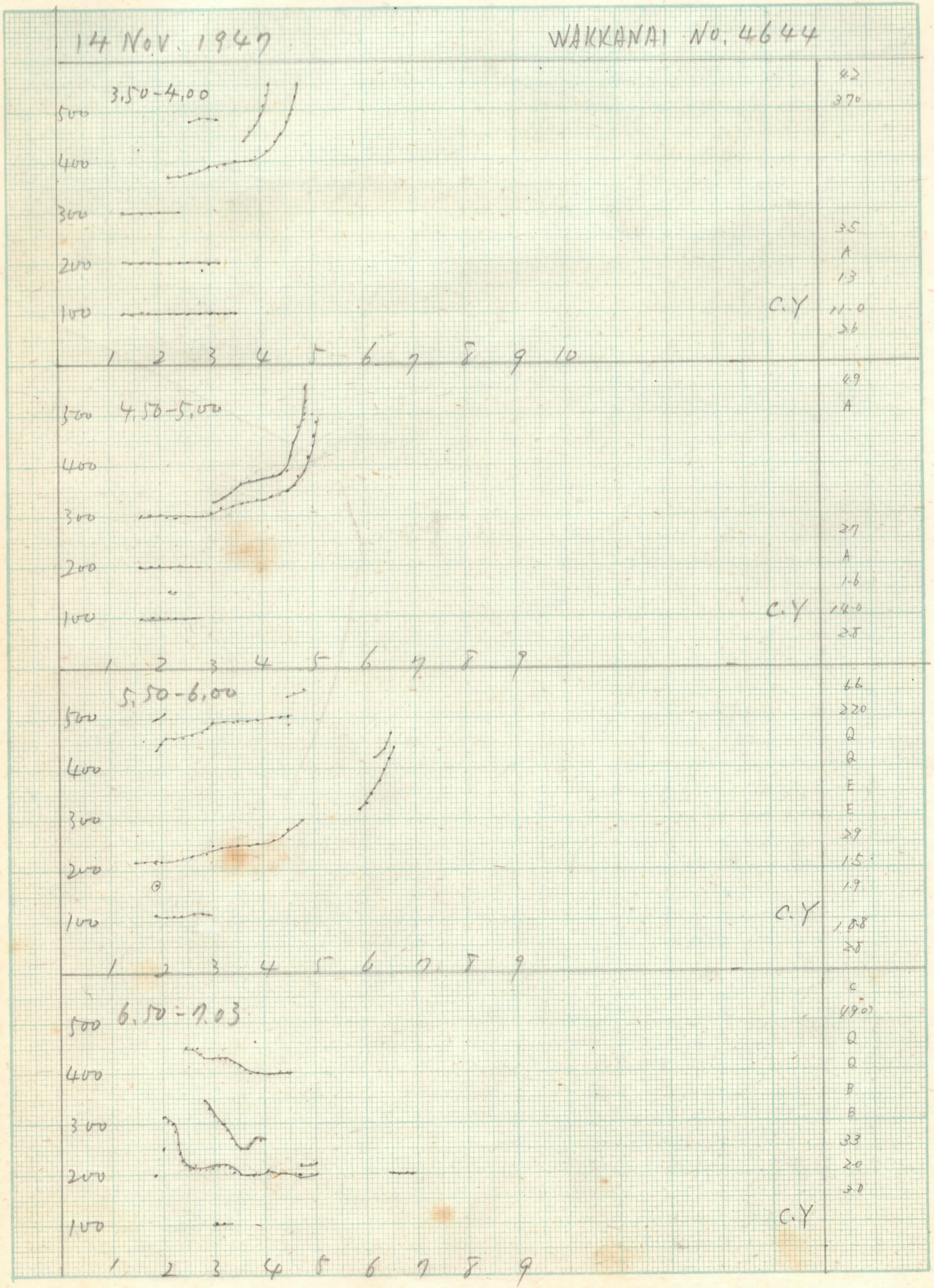
3.9
A
3.9
A
1.4
10.1
2.5
C.Y

2.45-3.05

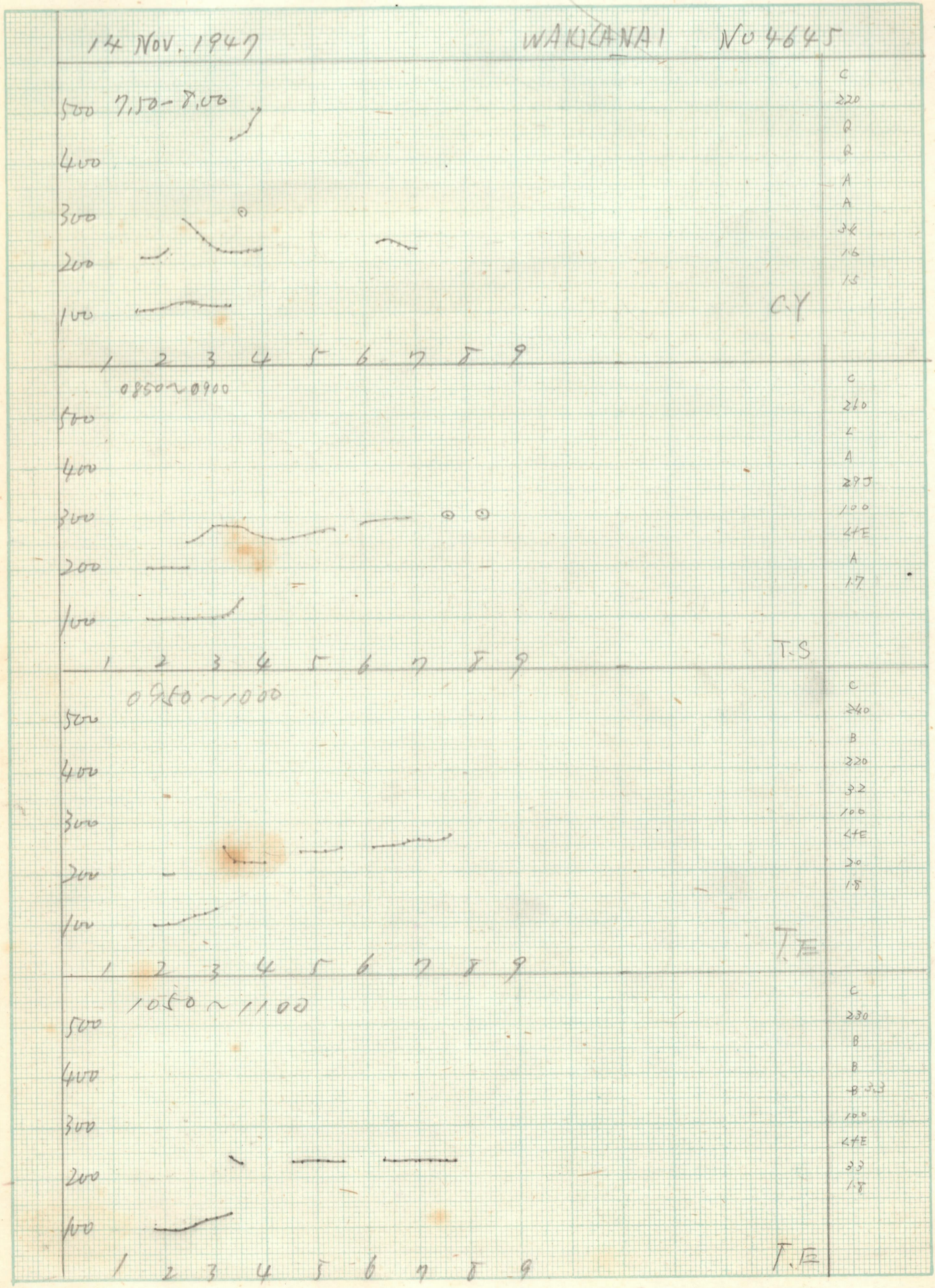


3.9
3.40
3.1
1.3
1.3
9.7
2.4
C.Y

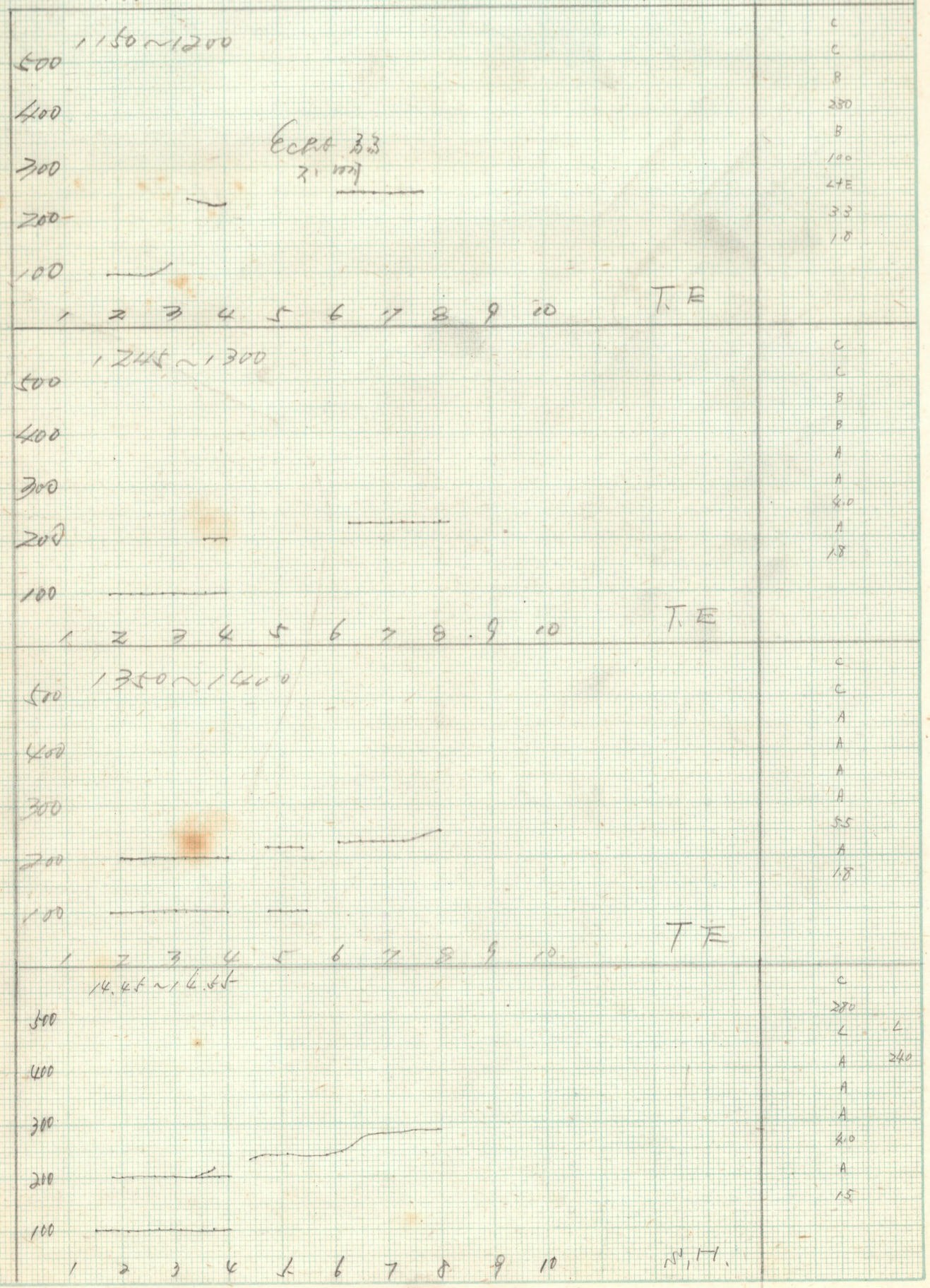
14 Nov. 1947 WAKKANAI No. 4644



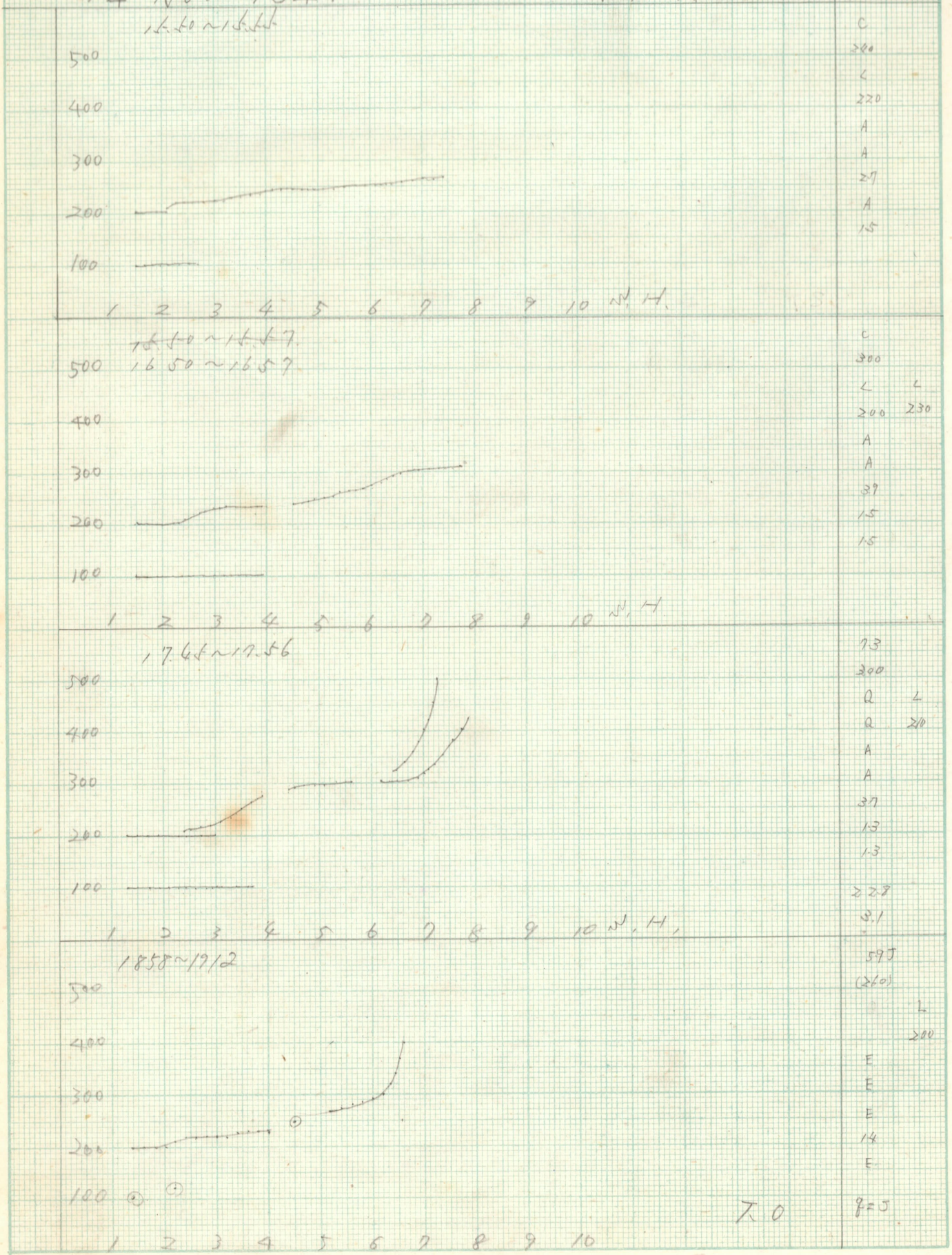
14 Nov. 1947 WAKKANAI No 4645



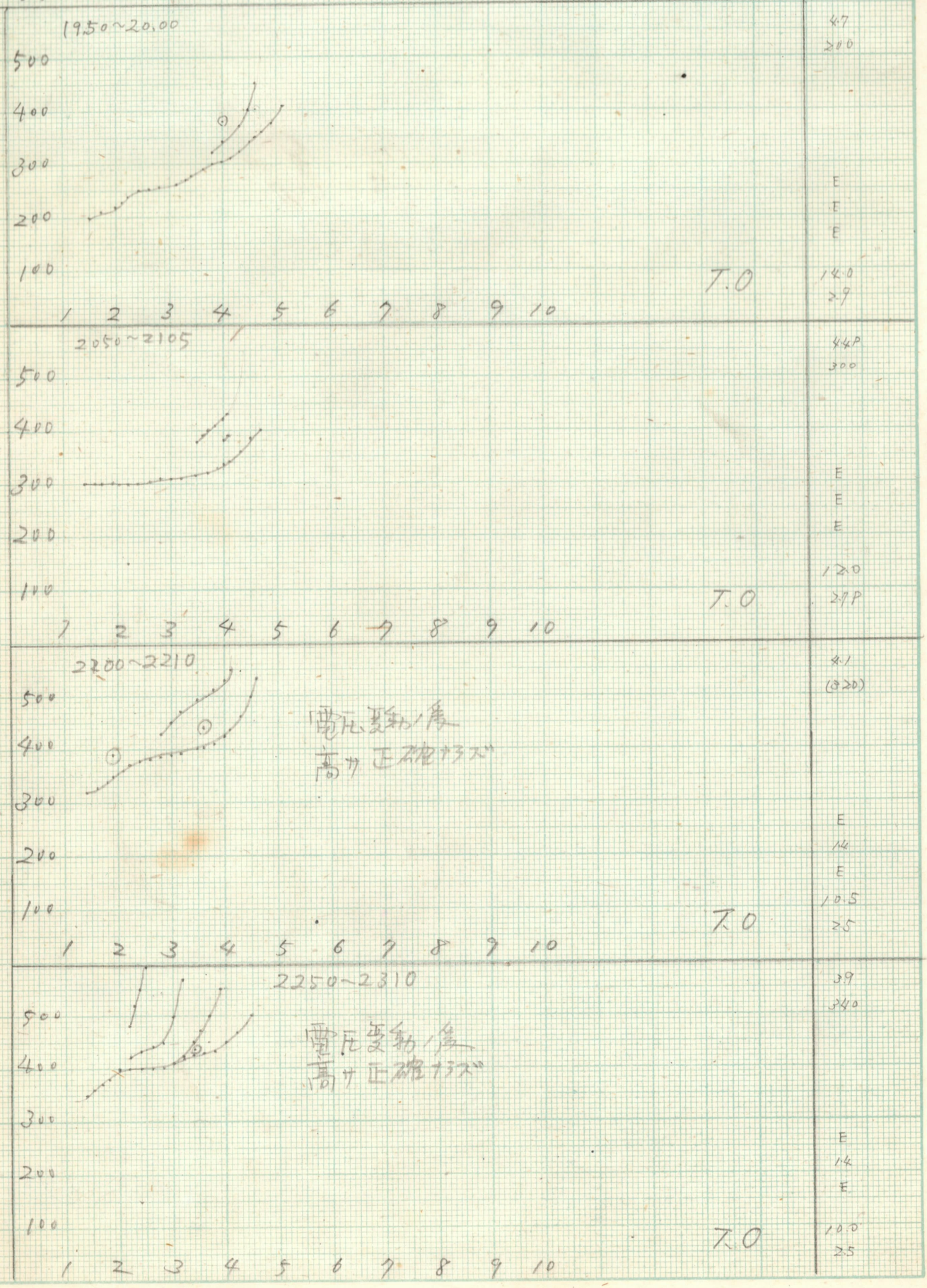
14 NOV 1947 WAKAYAMA NO 4646



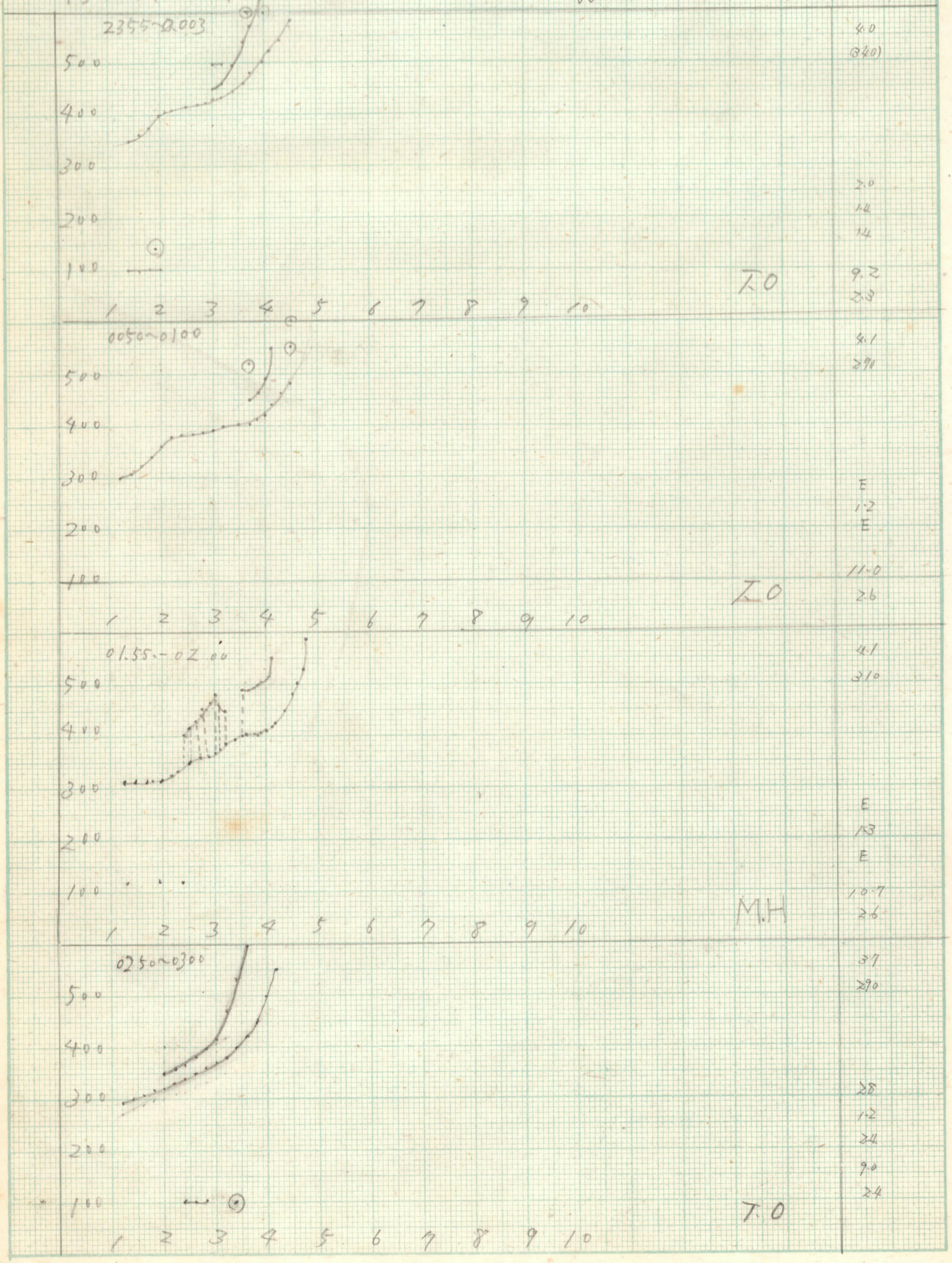
14 NOV 1947 WAKKANAI No. 4647



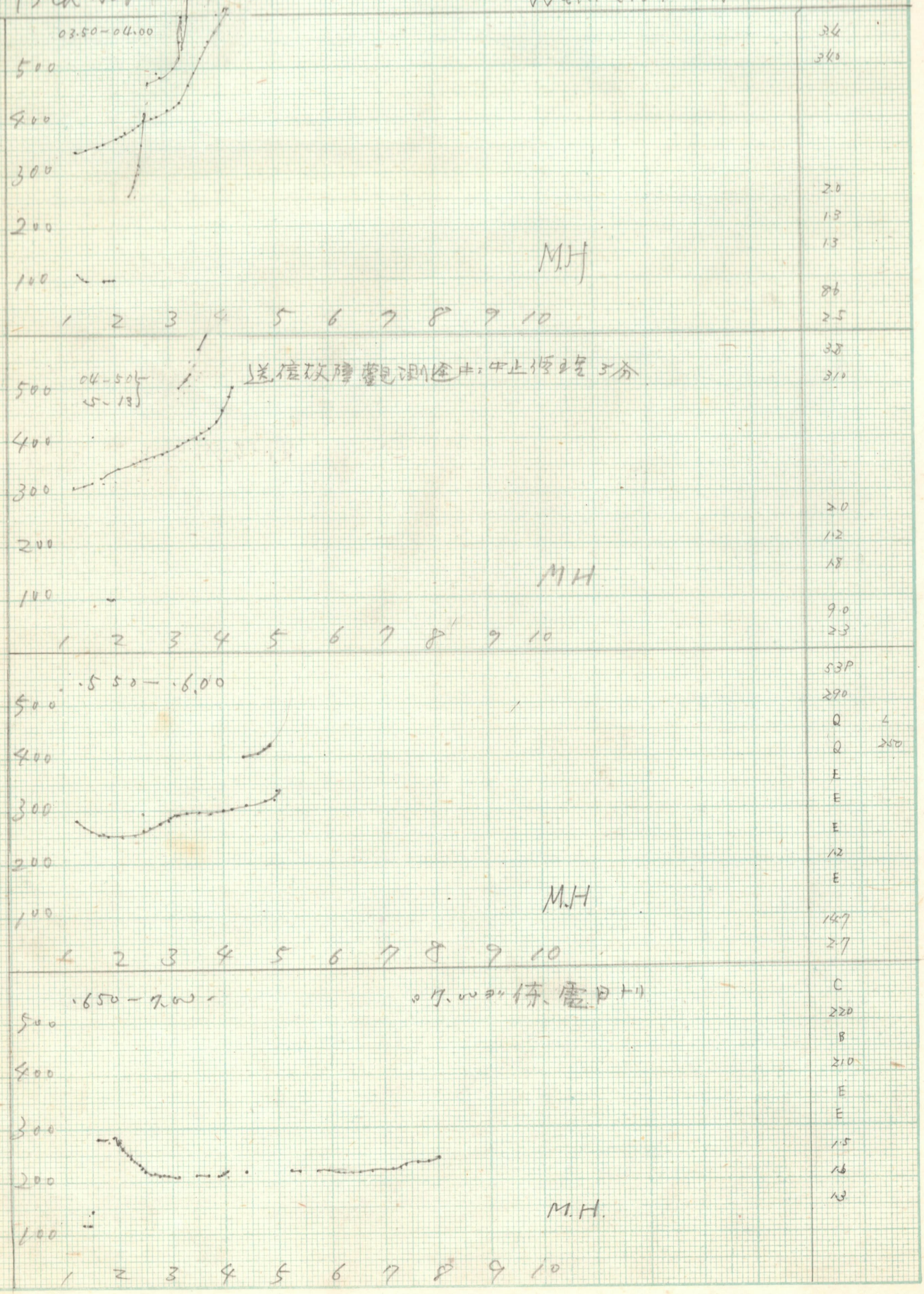
14th, NOV. 1947 WAKKANAI NO-4648



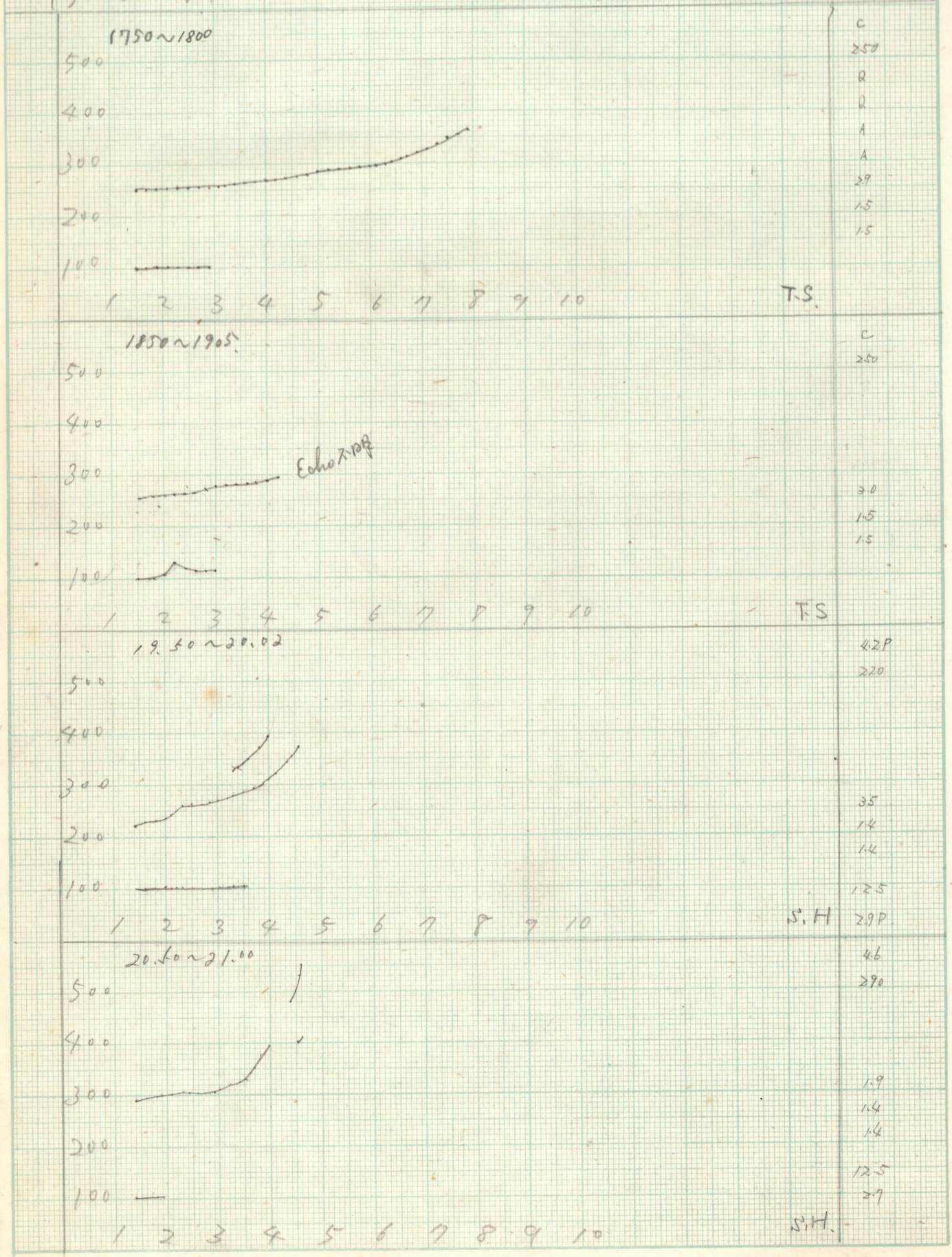
15th. Nov. 1947 Wakkanai No 46449



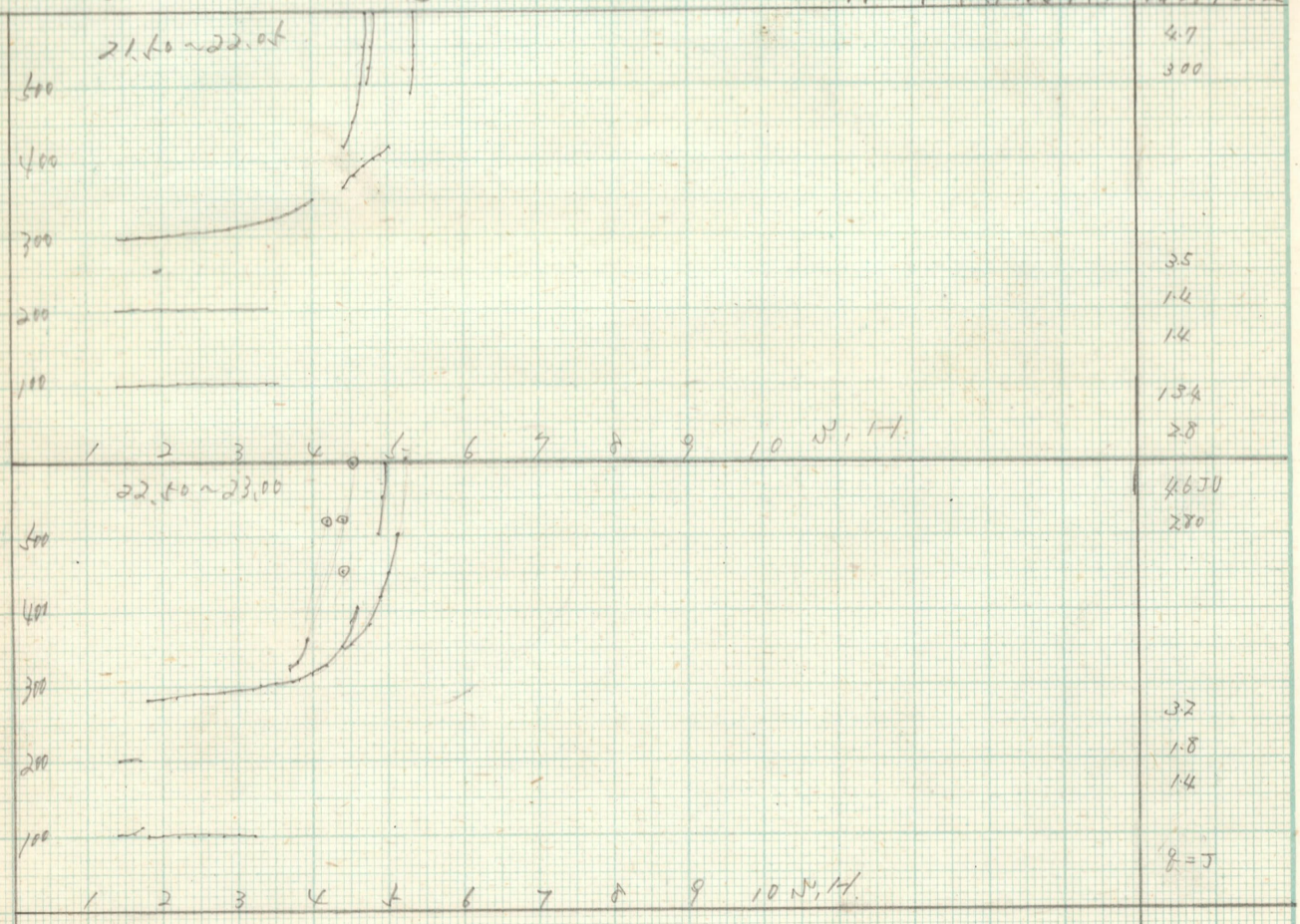
15th Nov 1947 Wakkanai No 4650



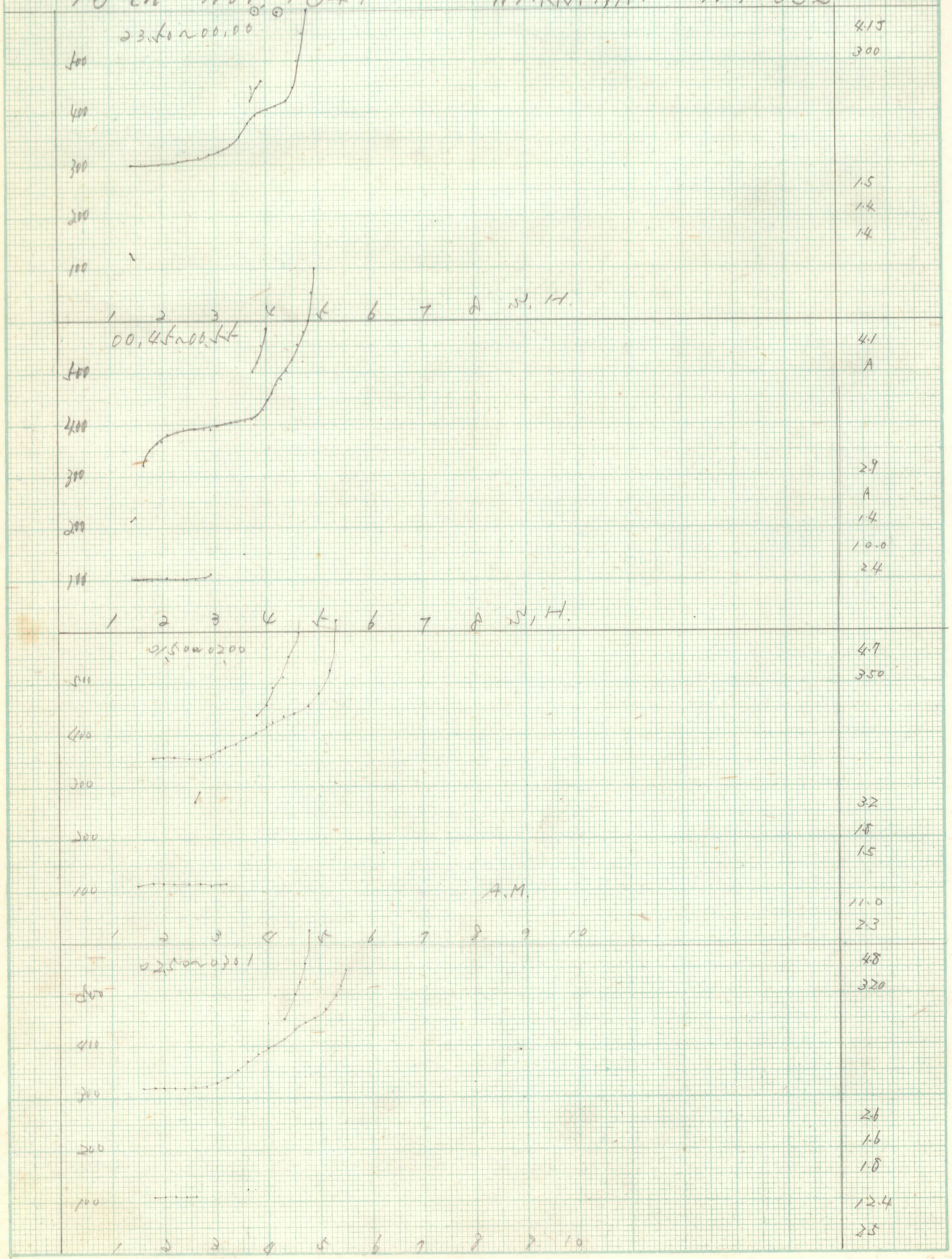
15th Nov 1947 WAKKANAI No 4651



15 th. Nov 1947 WAKKANAI No.4652

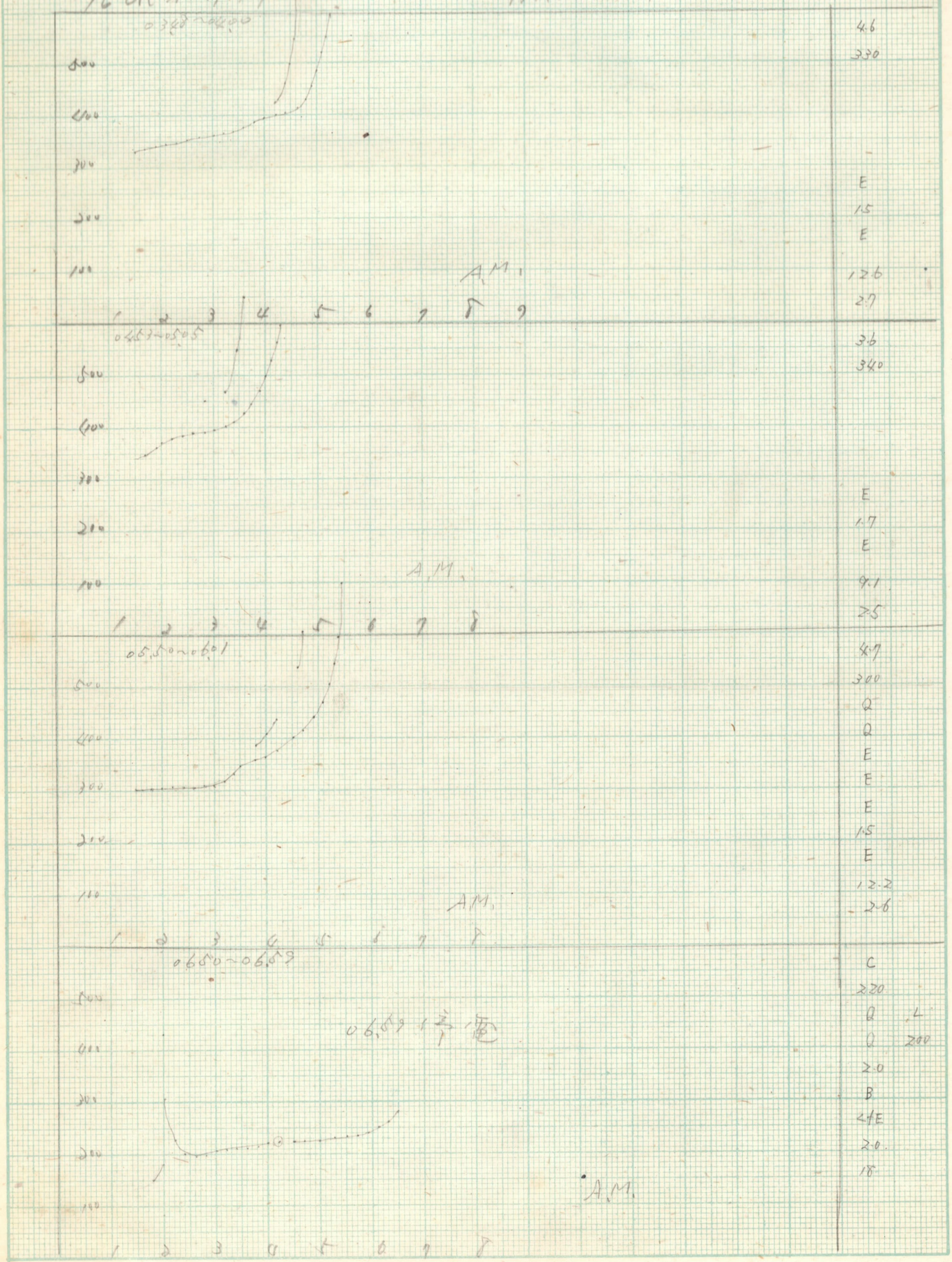


16 th Nov. 1947 WAKKANAI No. 4653

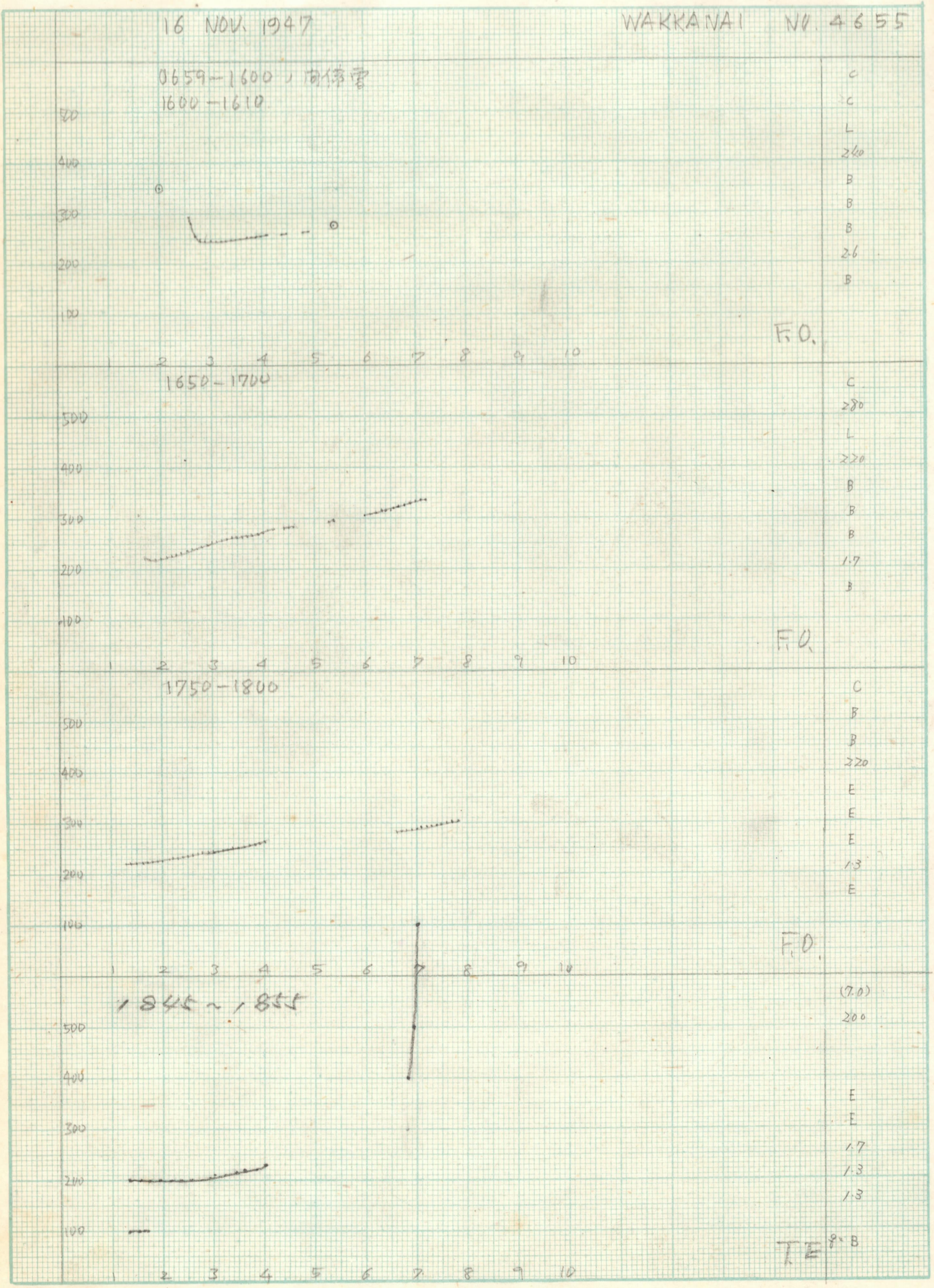


16th Nov 1997

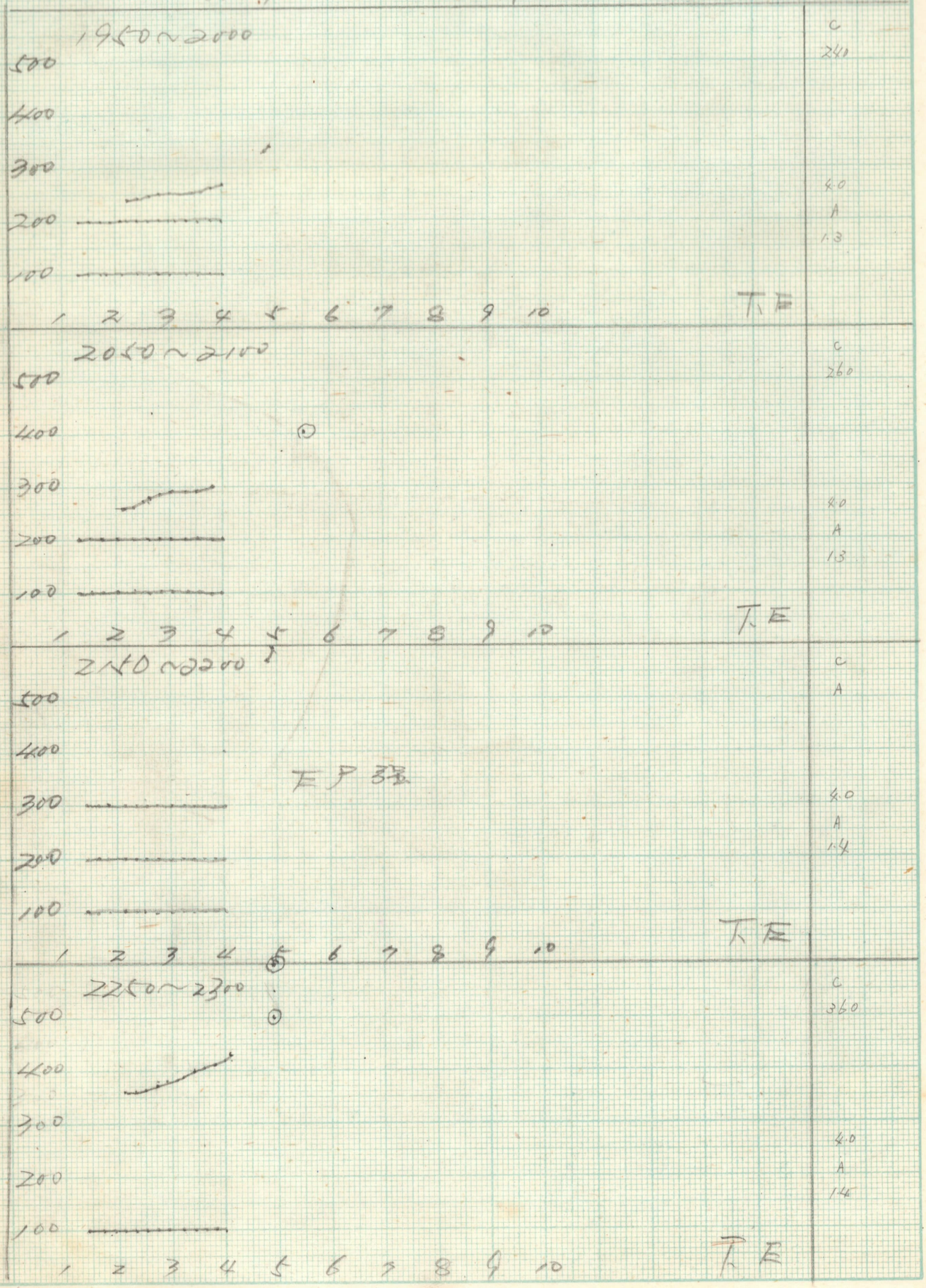
WAKKANAI No-465 d



16 NOV. 1947 WAKKANAI No. 4655

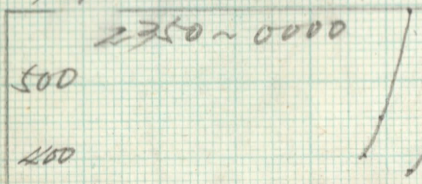


16 OCT 1967 WAKKANAI No 6656



17 NOV 1947 HAKKANAI NO 4657

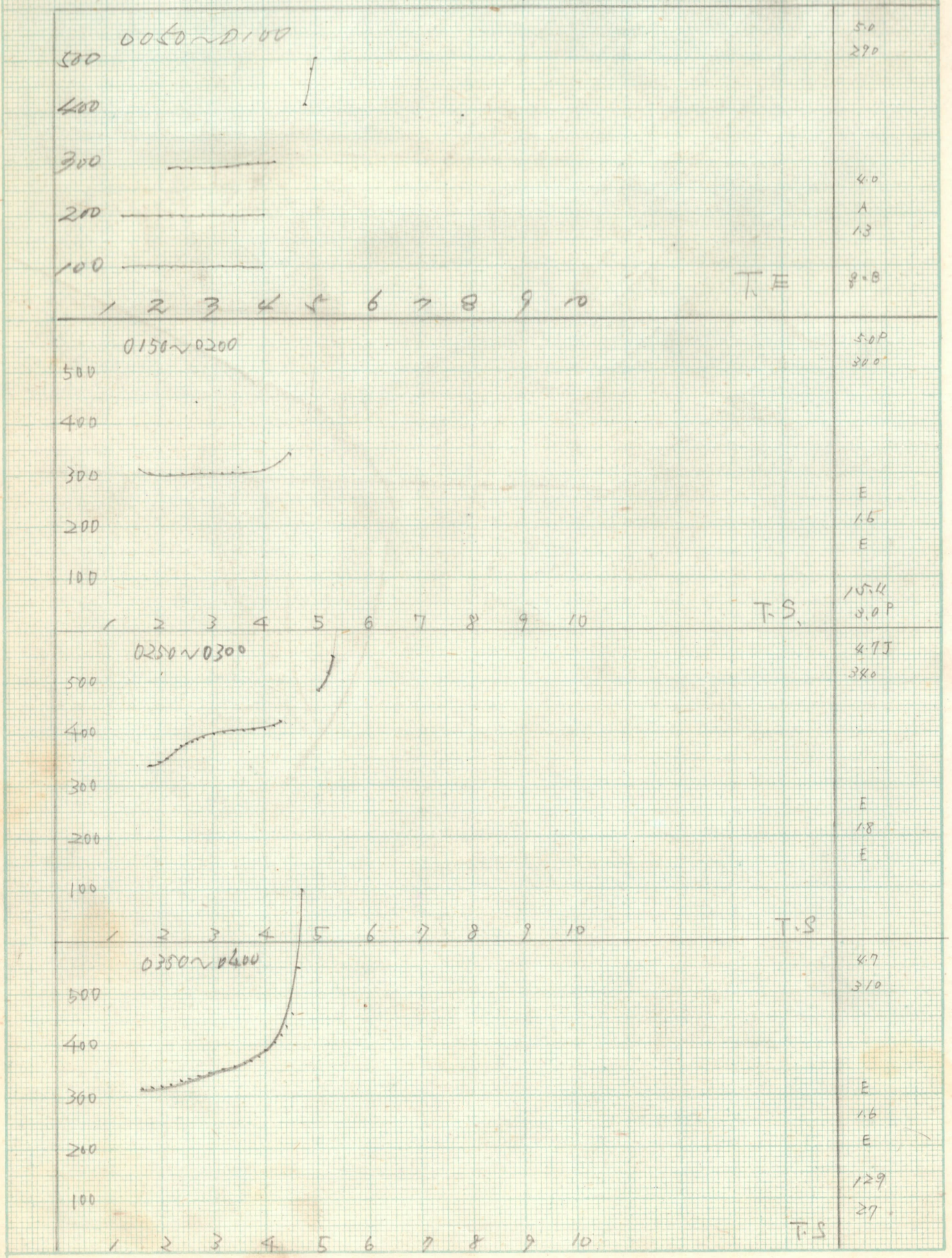
2350~0000



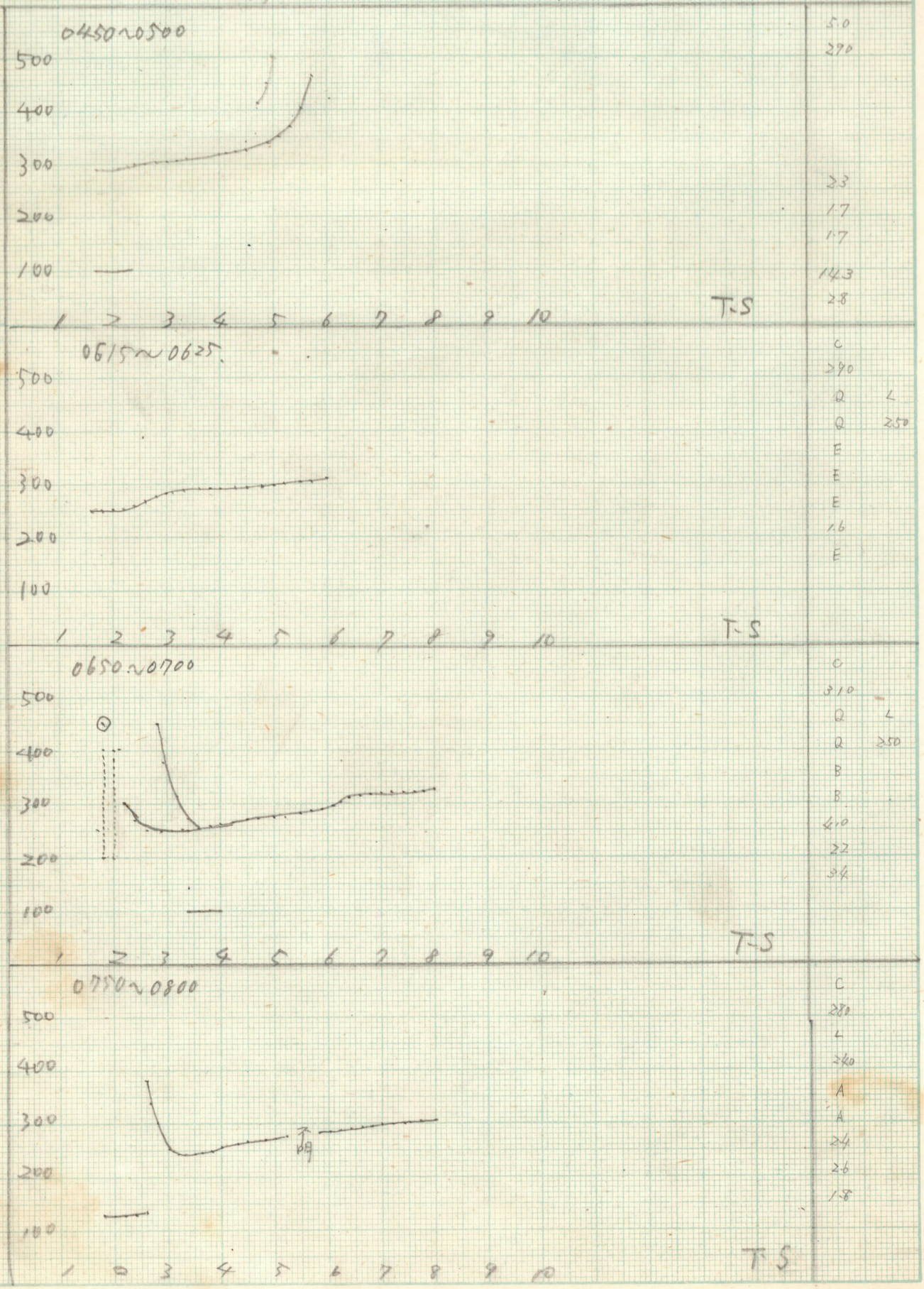
T.F

5.3
(3.00)
4.0
1.8
1.8
14.7
27

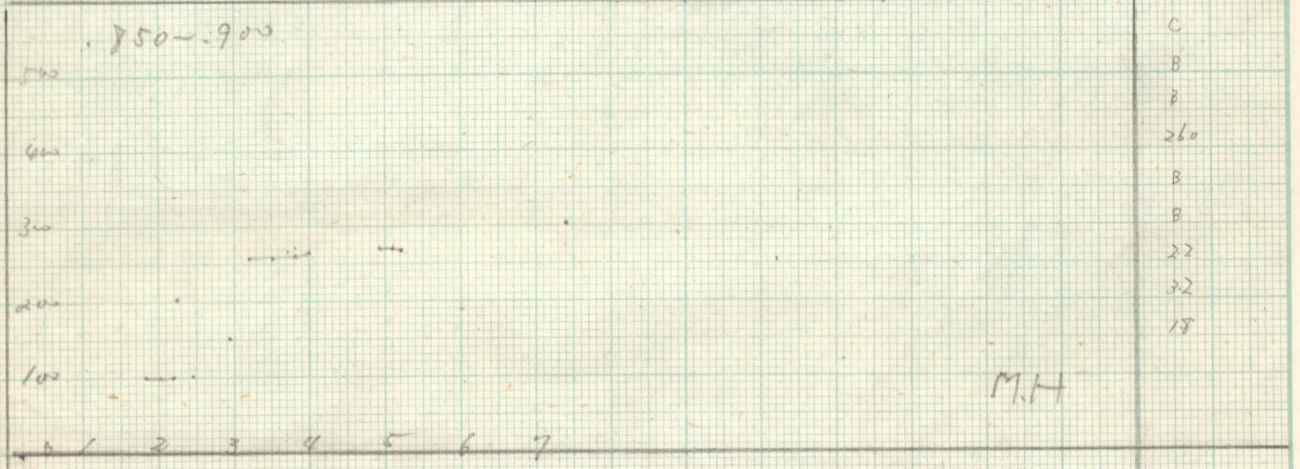
17 NOV 1947 WAKKANAI No 4658

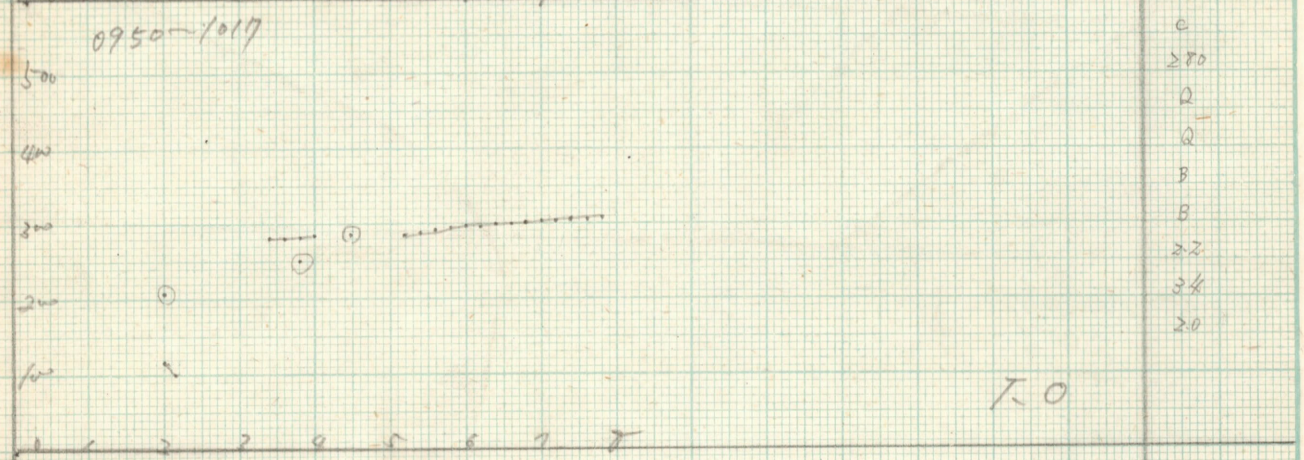


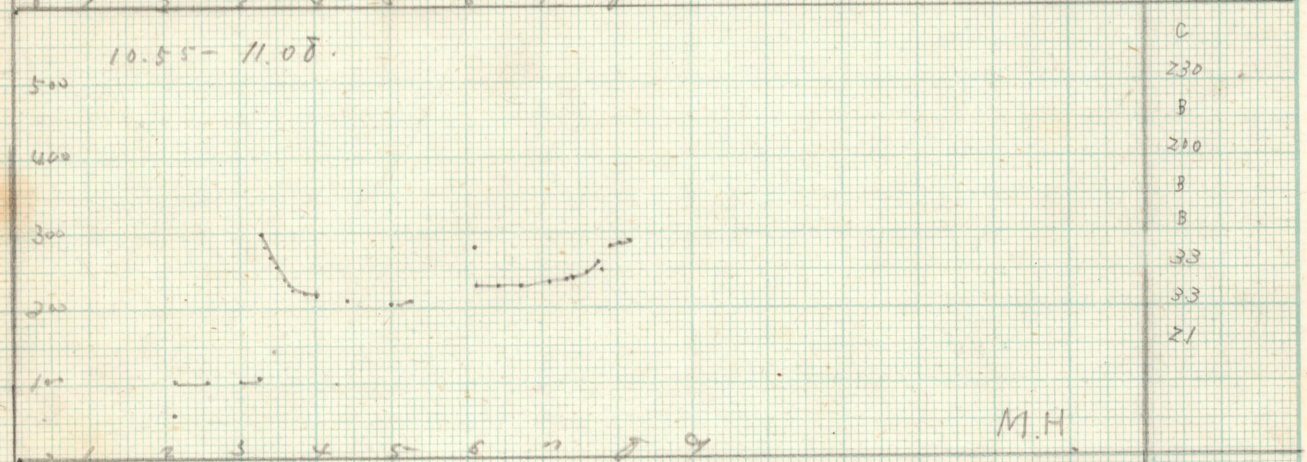
17th. Nov. 1947 WAKKANAI. No. 4659

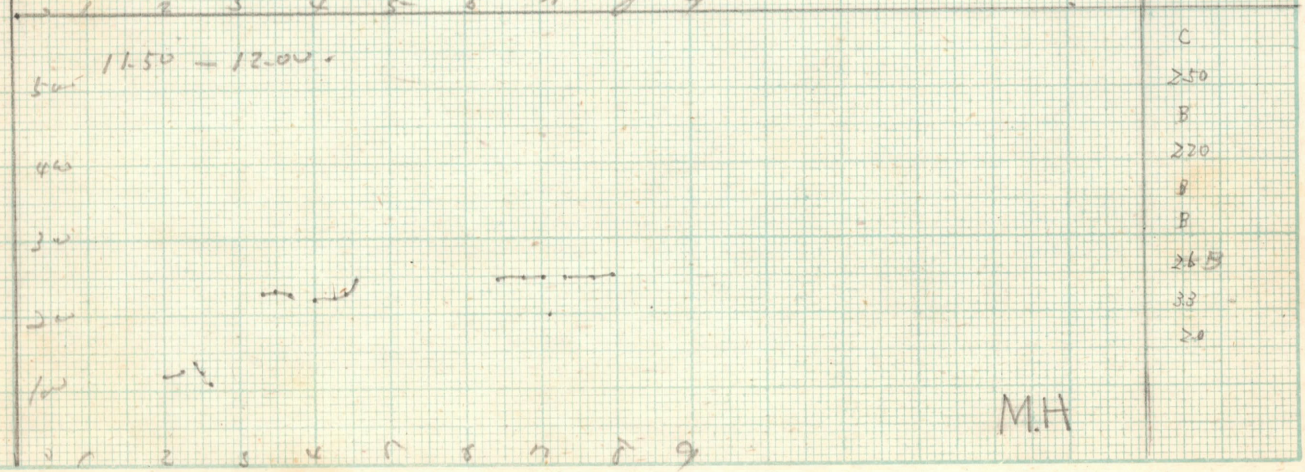


17th. NOV/1949. WAKKANAI No 6660.

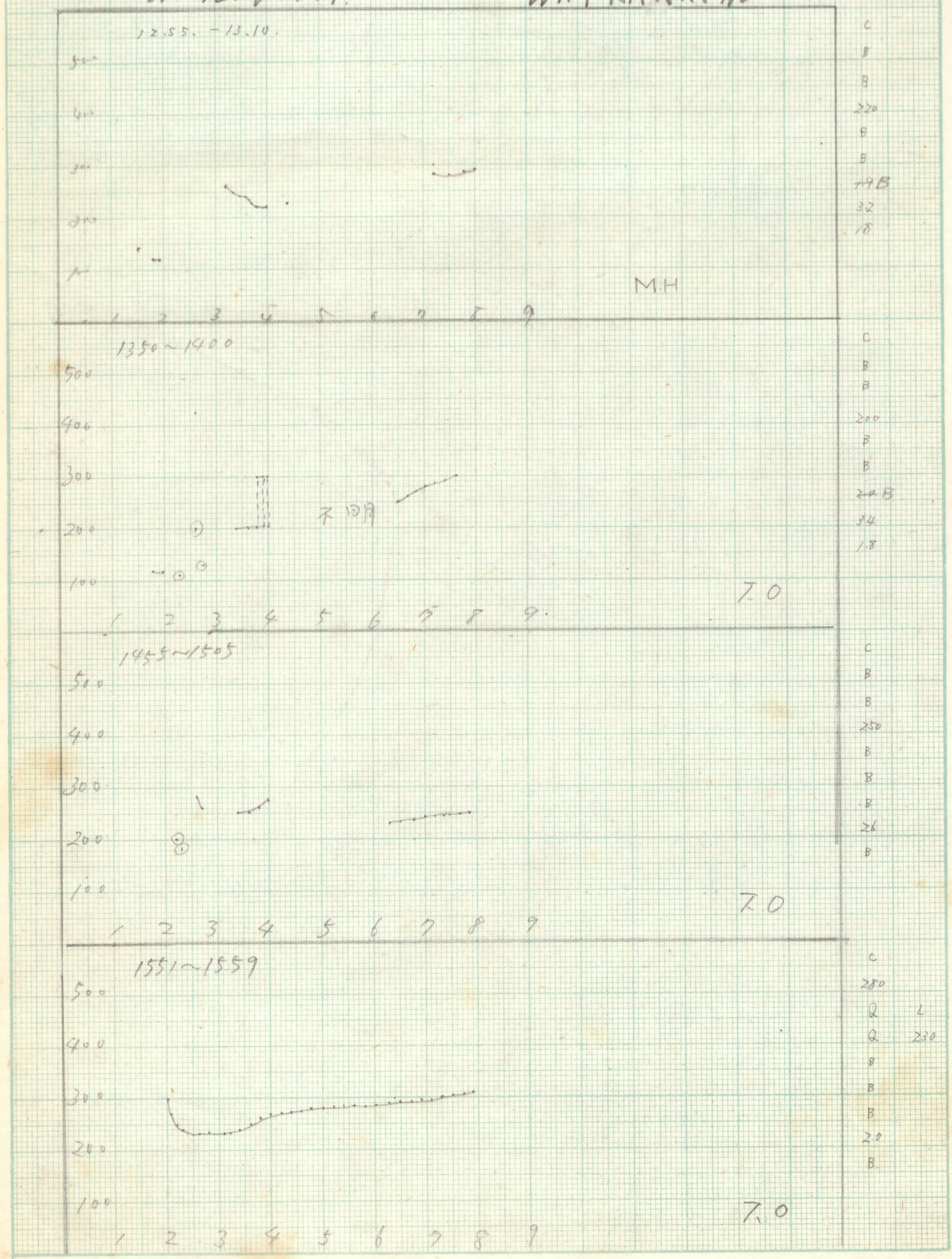




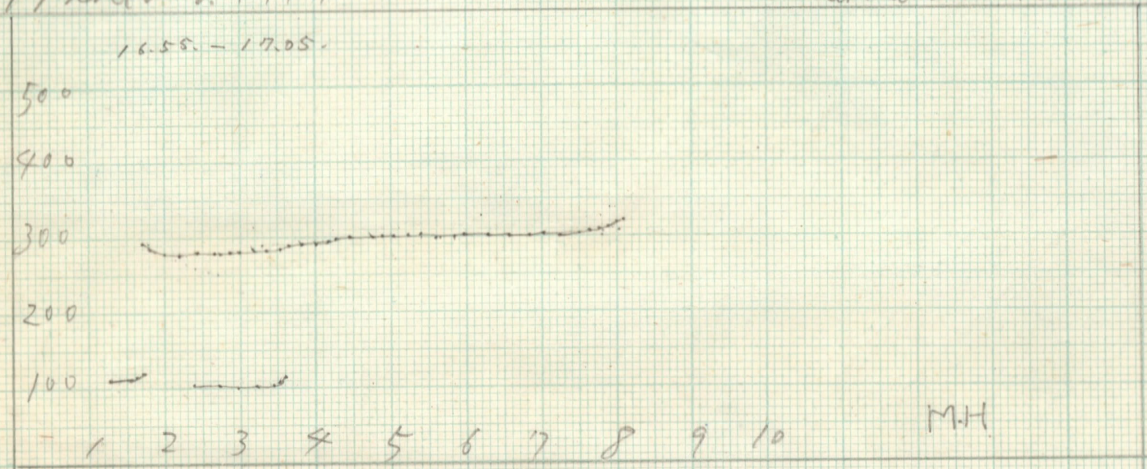


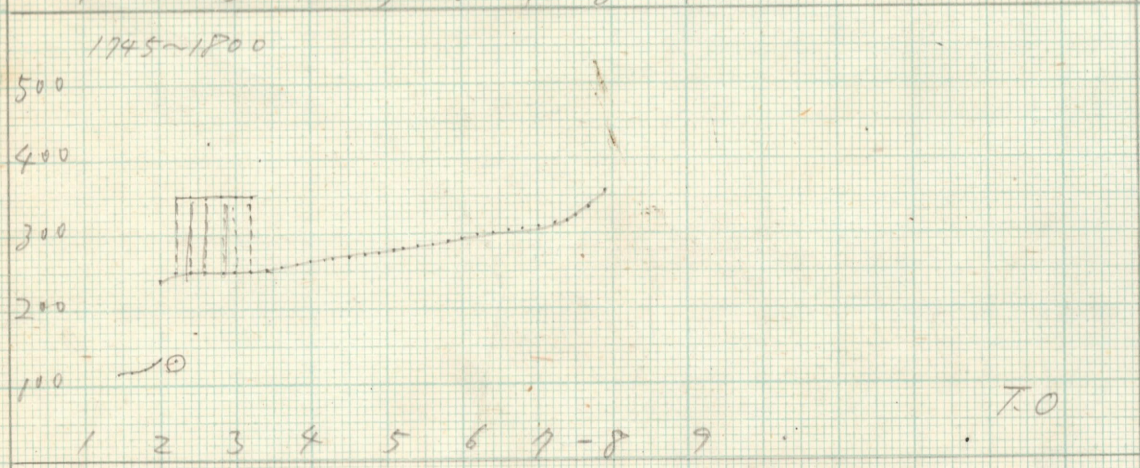


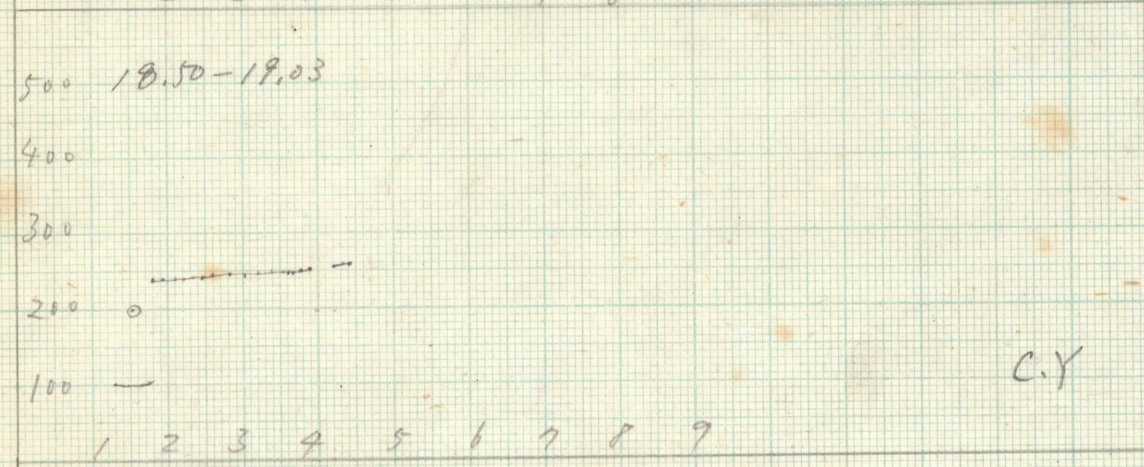
19th NOV 1947. WAKKANAI No 4661.

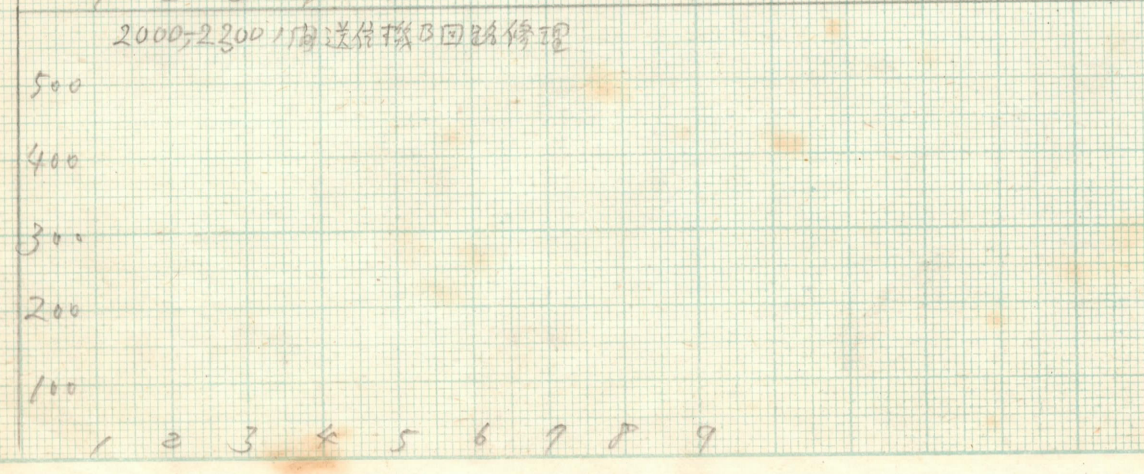


17th Nov. 1947 Wakkanai No~4662



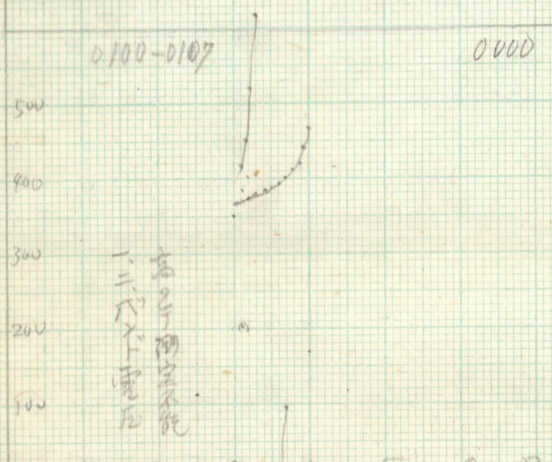




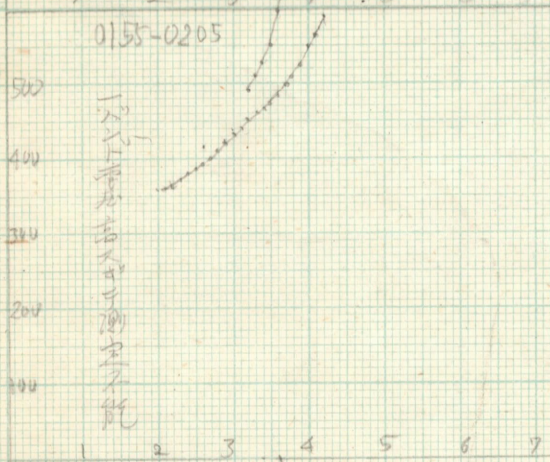


18 NOV. 1947 WAKKANAI NO 4663

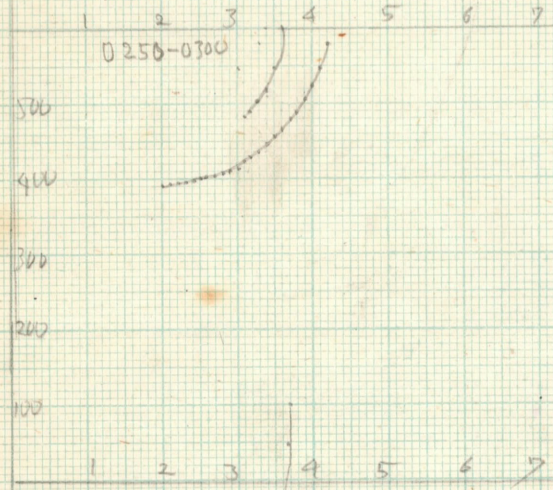
0000 受信機利用波放降 19×点測



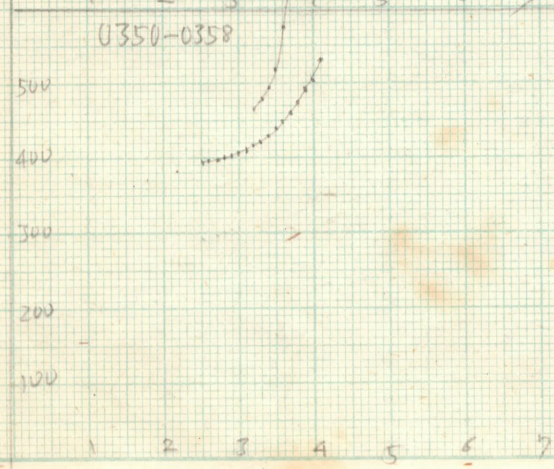
3.3
C
C
C
C
F.O. 9.5
2.8



3.7
(3.50)
C
C
C
F.O. 8.8
2.3

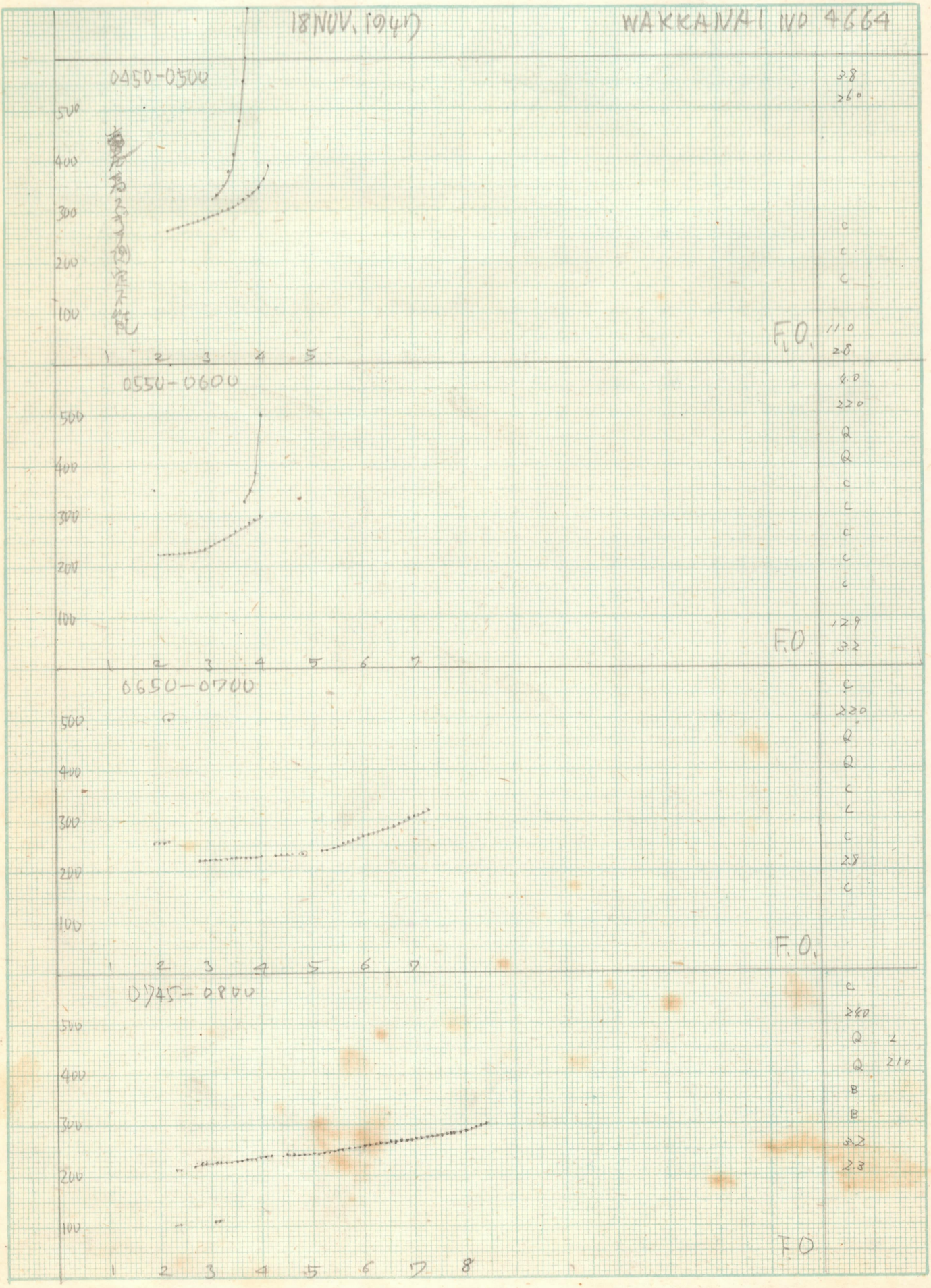


3.6
3.90
C
C
C
F.O. 9.0
2.5

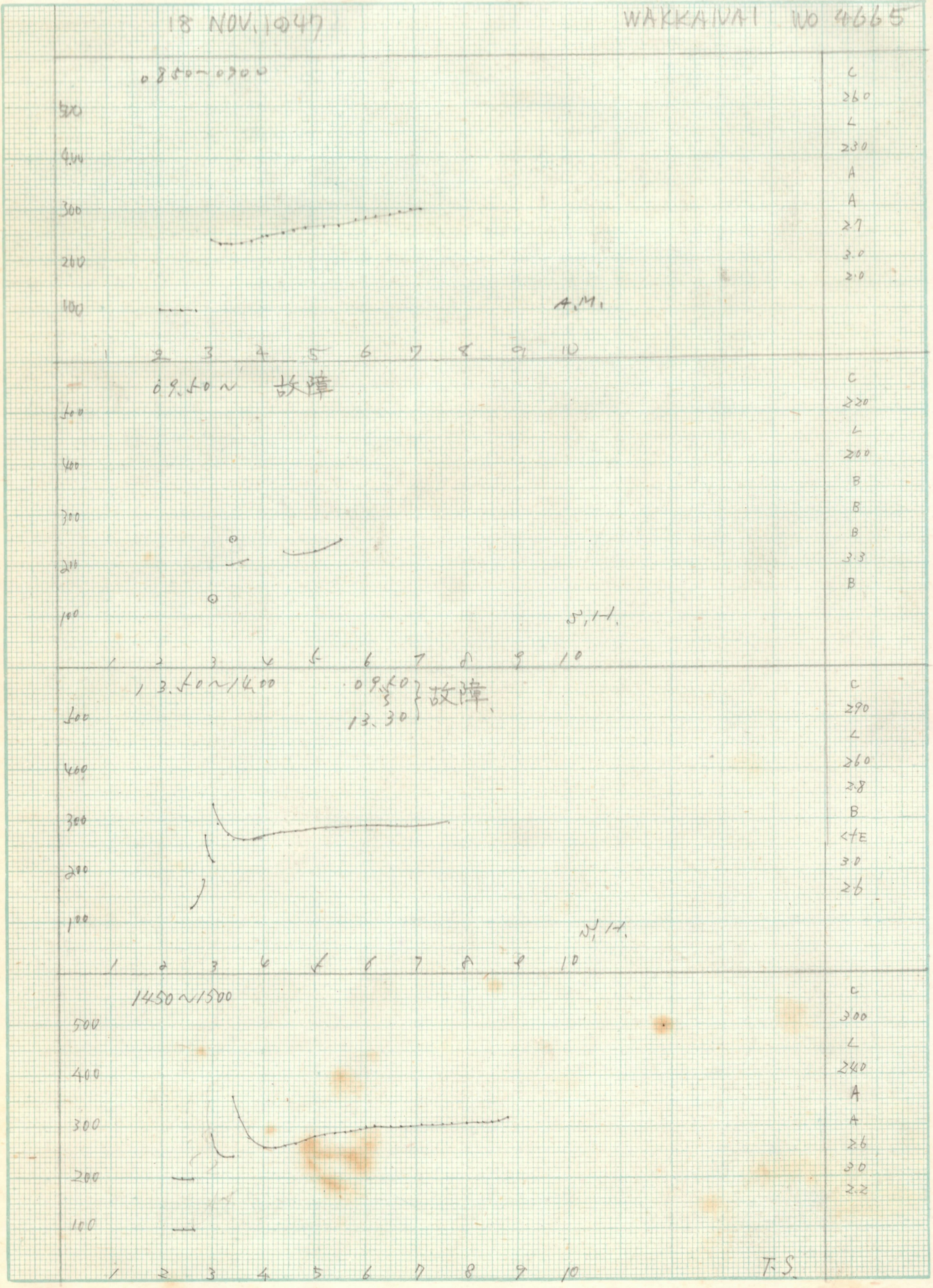


3.7
3.90
C
C
C
F.O. 9.2
2.4

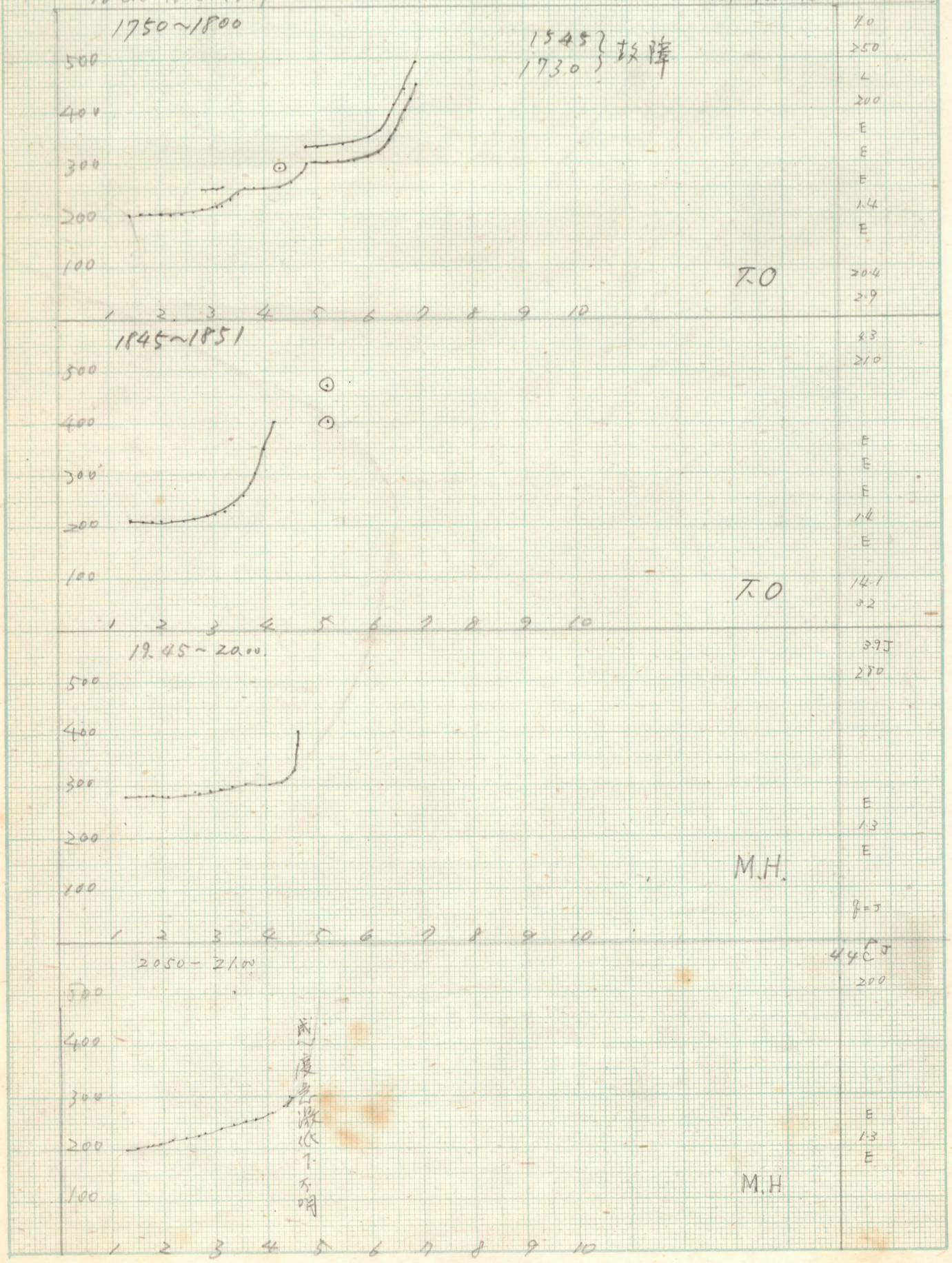
18NOV, 1941 WAKKANAI WD 4664

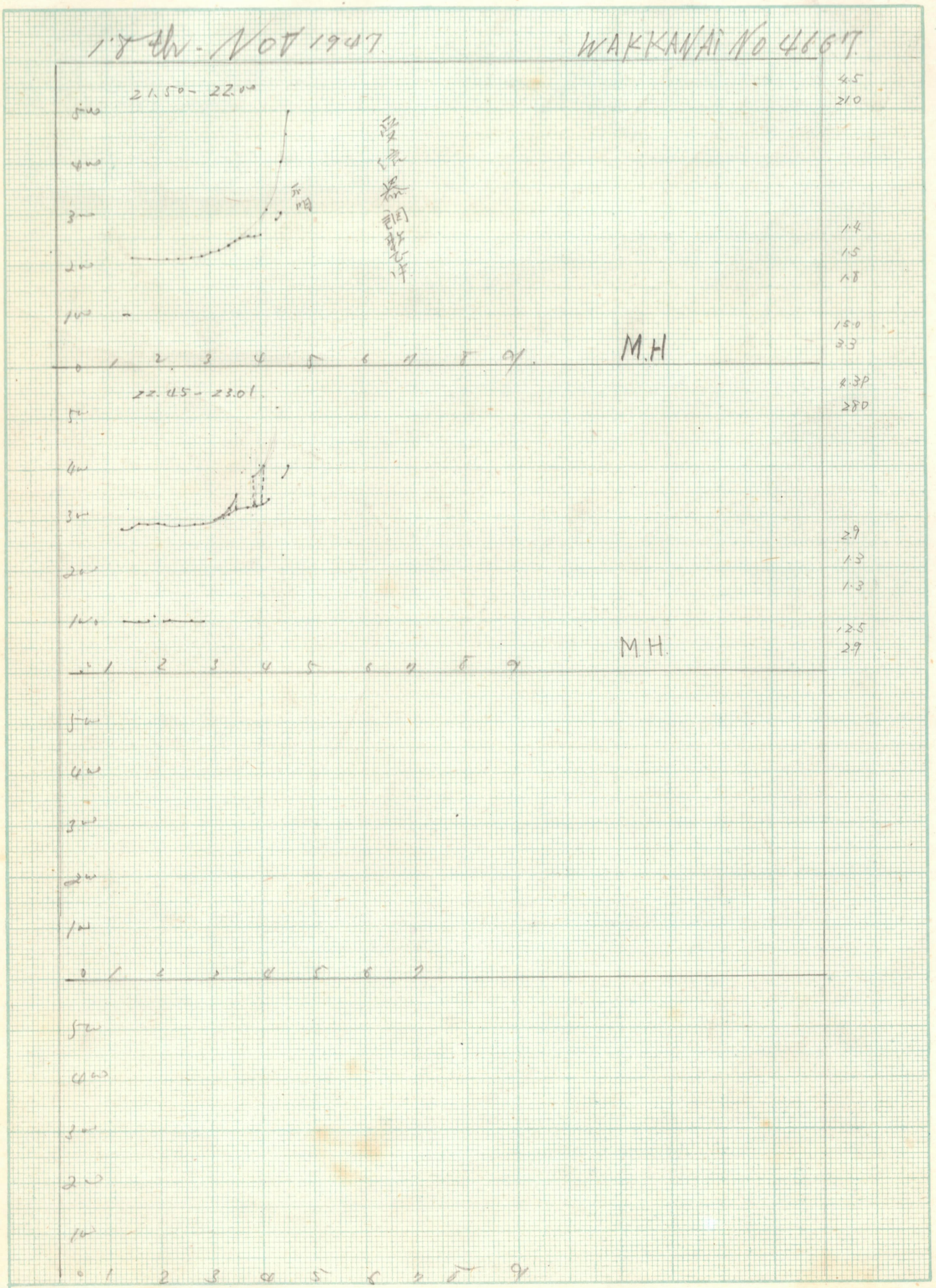


18 NOV. 1947 WAKKANAI NO 4665

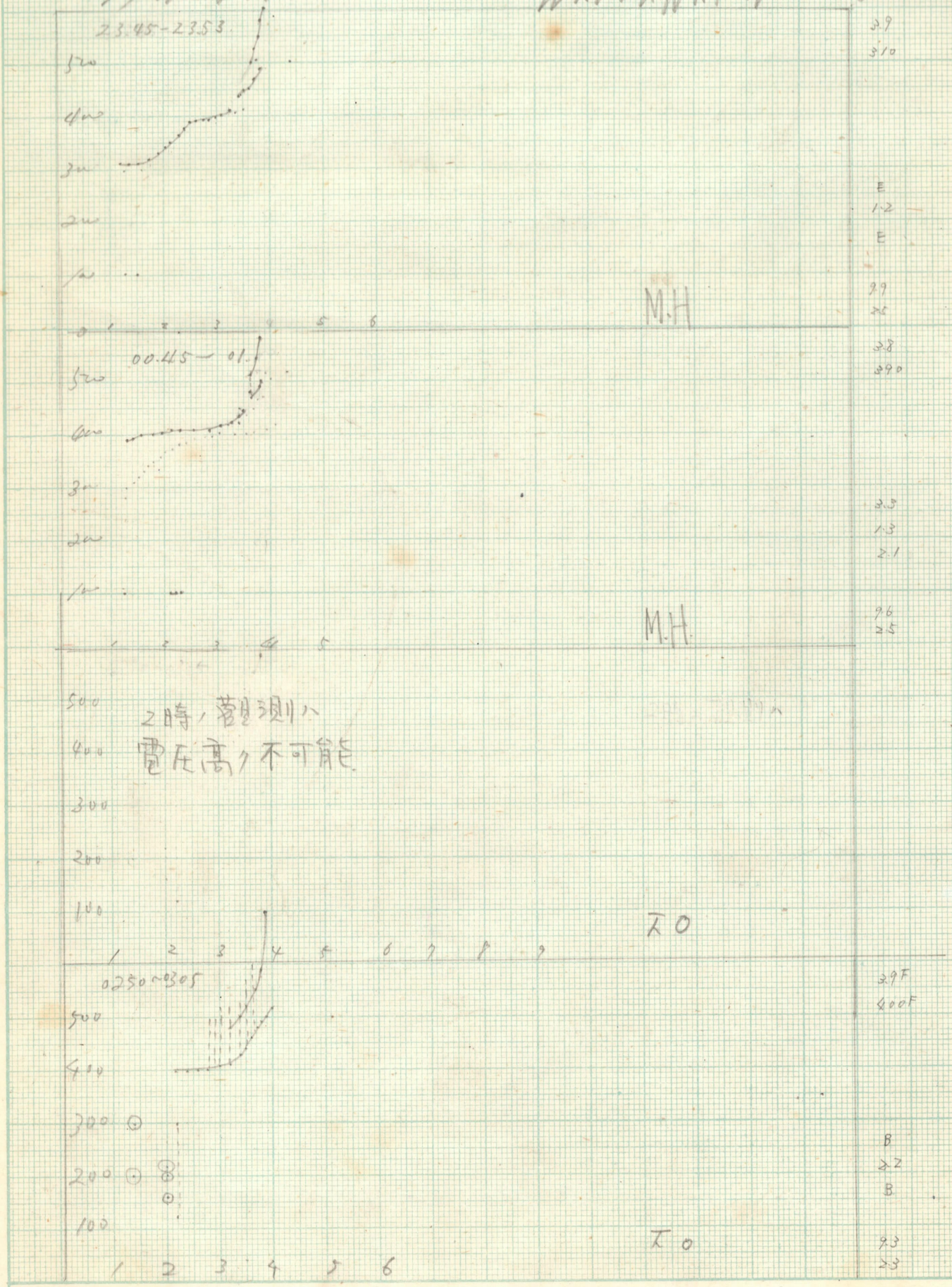


18th NOV 1947 WAKKANAI. NO 4666

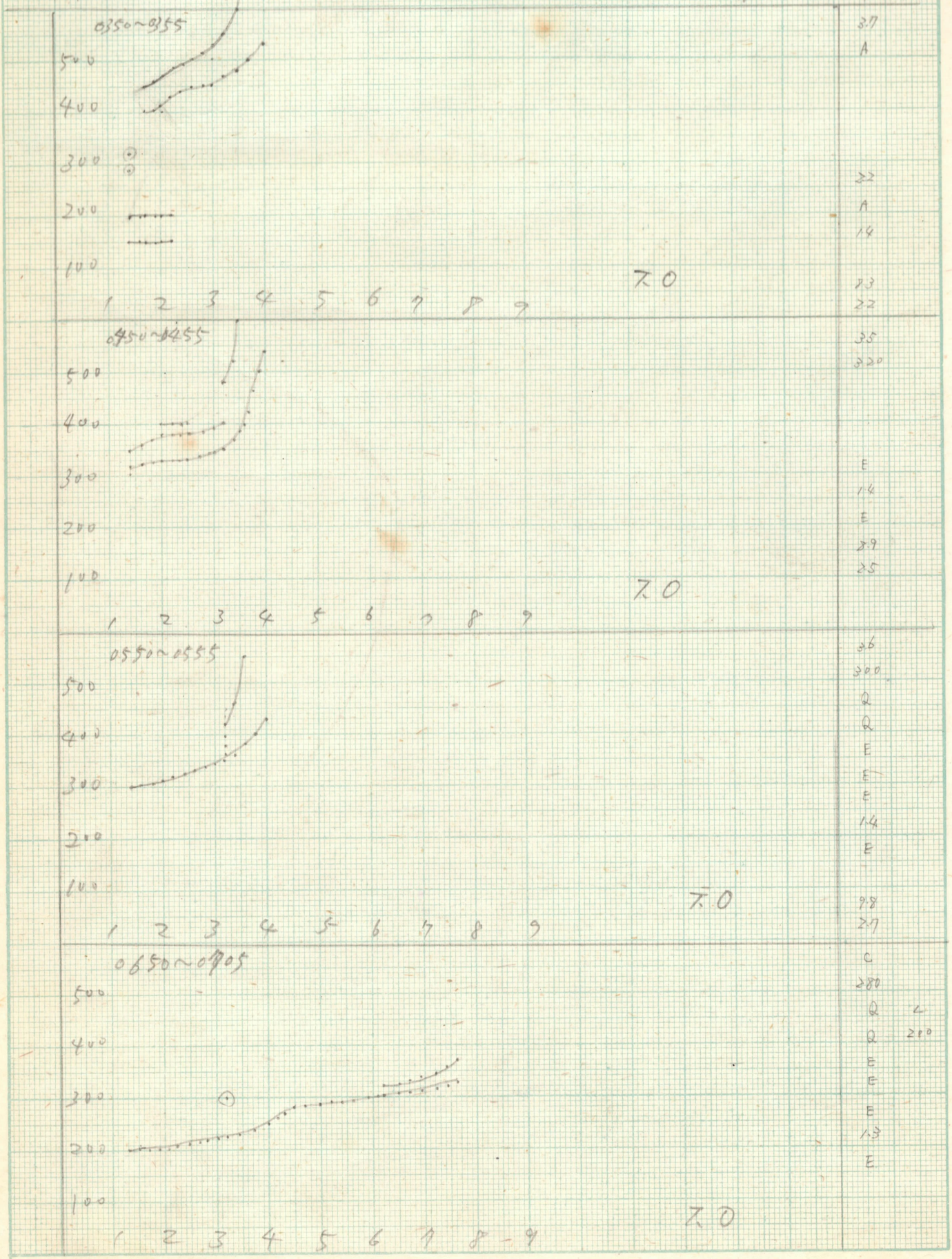



WAKKANAI NO 4667
21.50 - 22.00
M.H
22.45 - 23.01
M.H

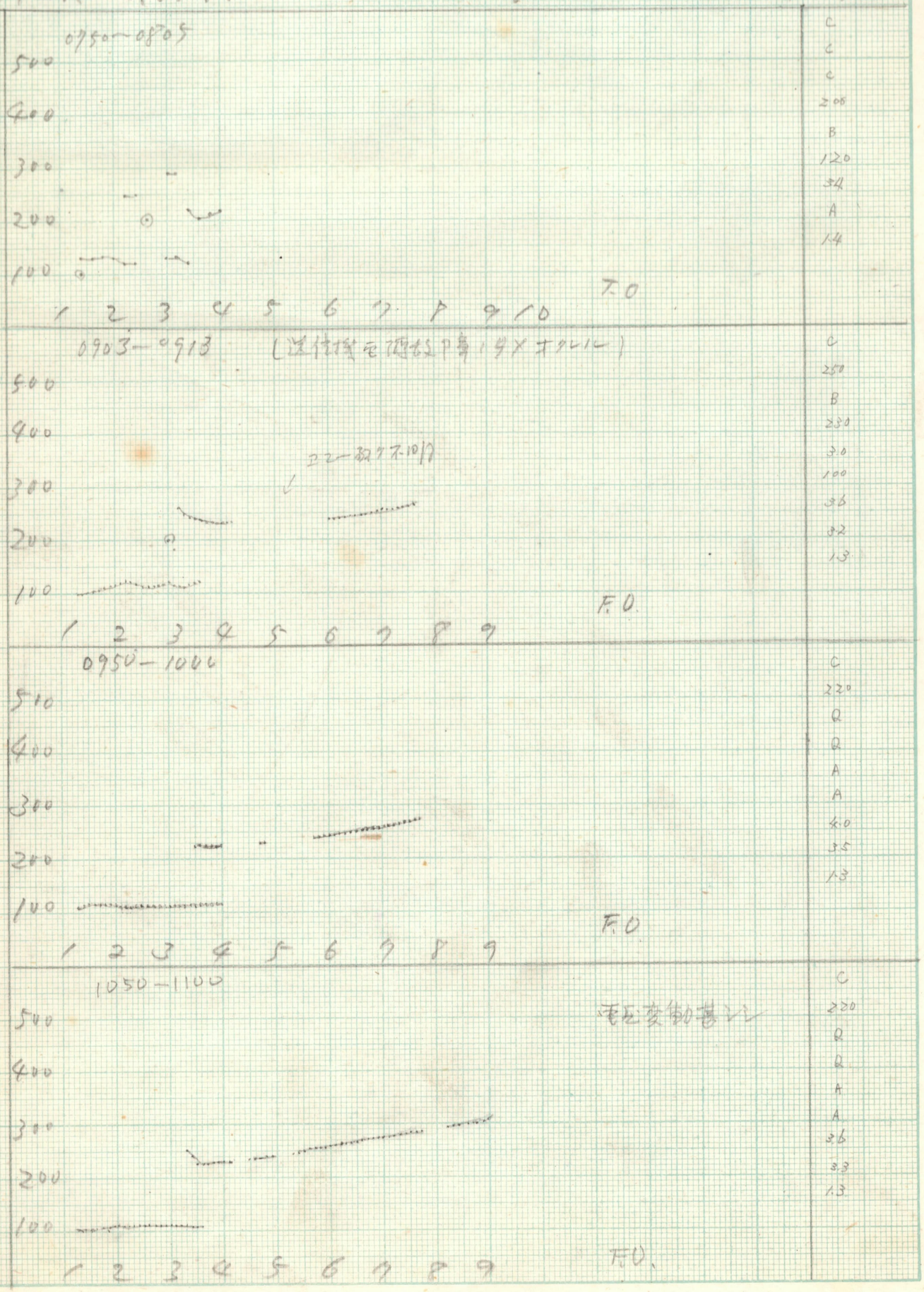
19th NOV 1949 WAKKANAI No 668



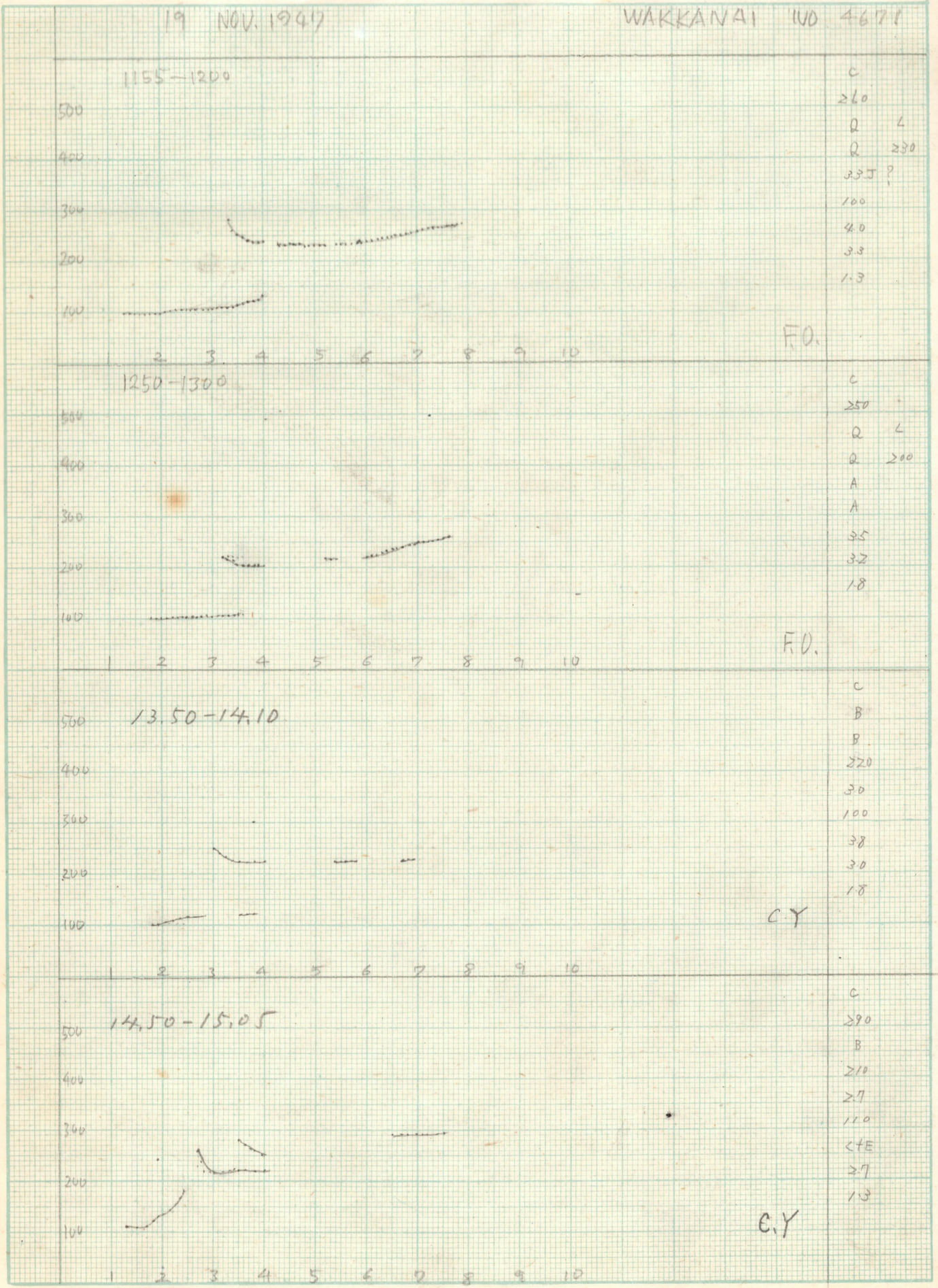
19th Oct 1997 No-4669



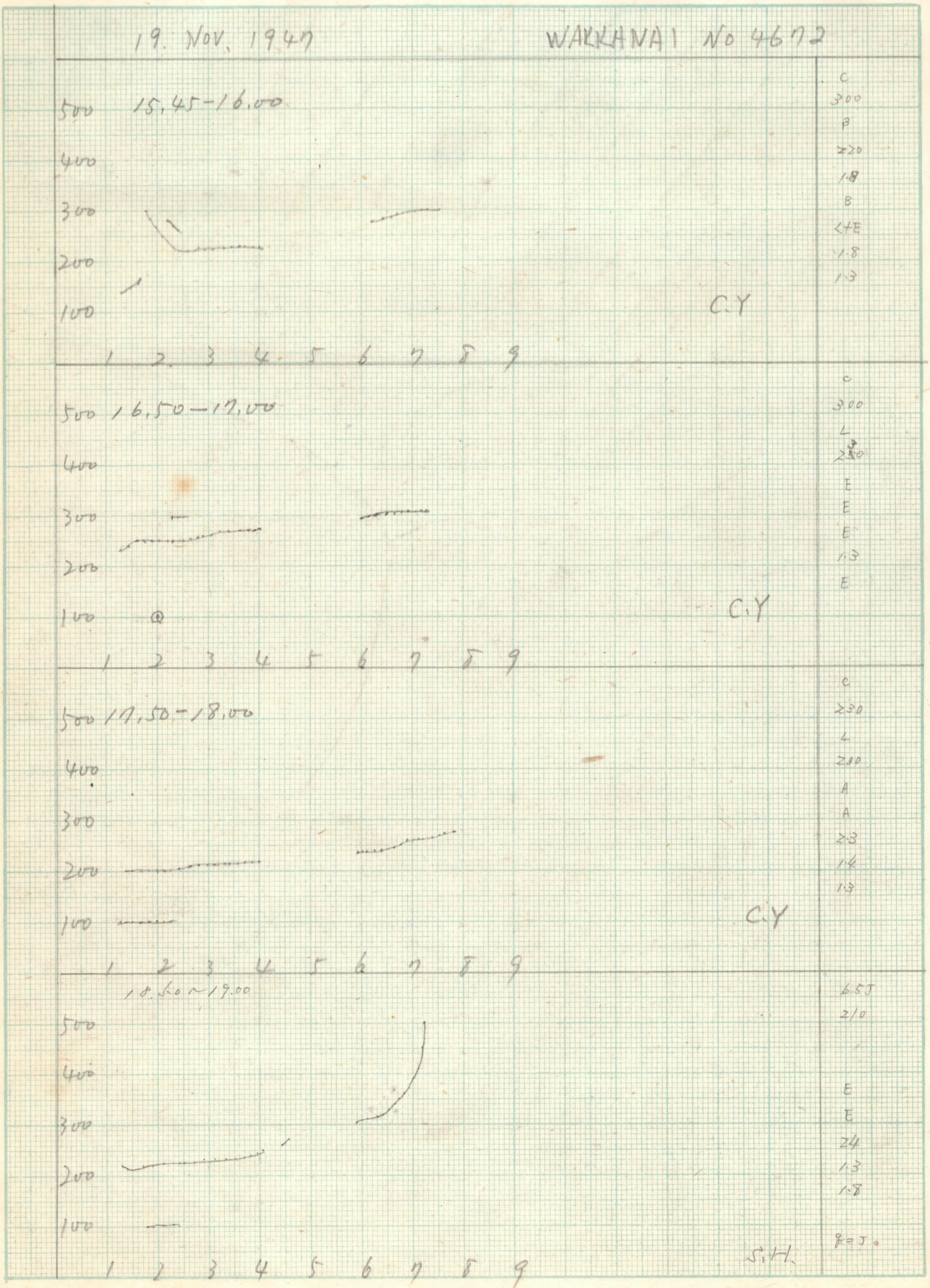
19th Nov. 1947 Wakkanai No~4670



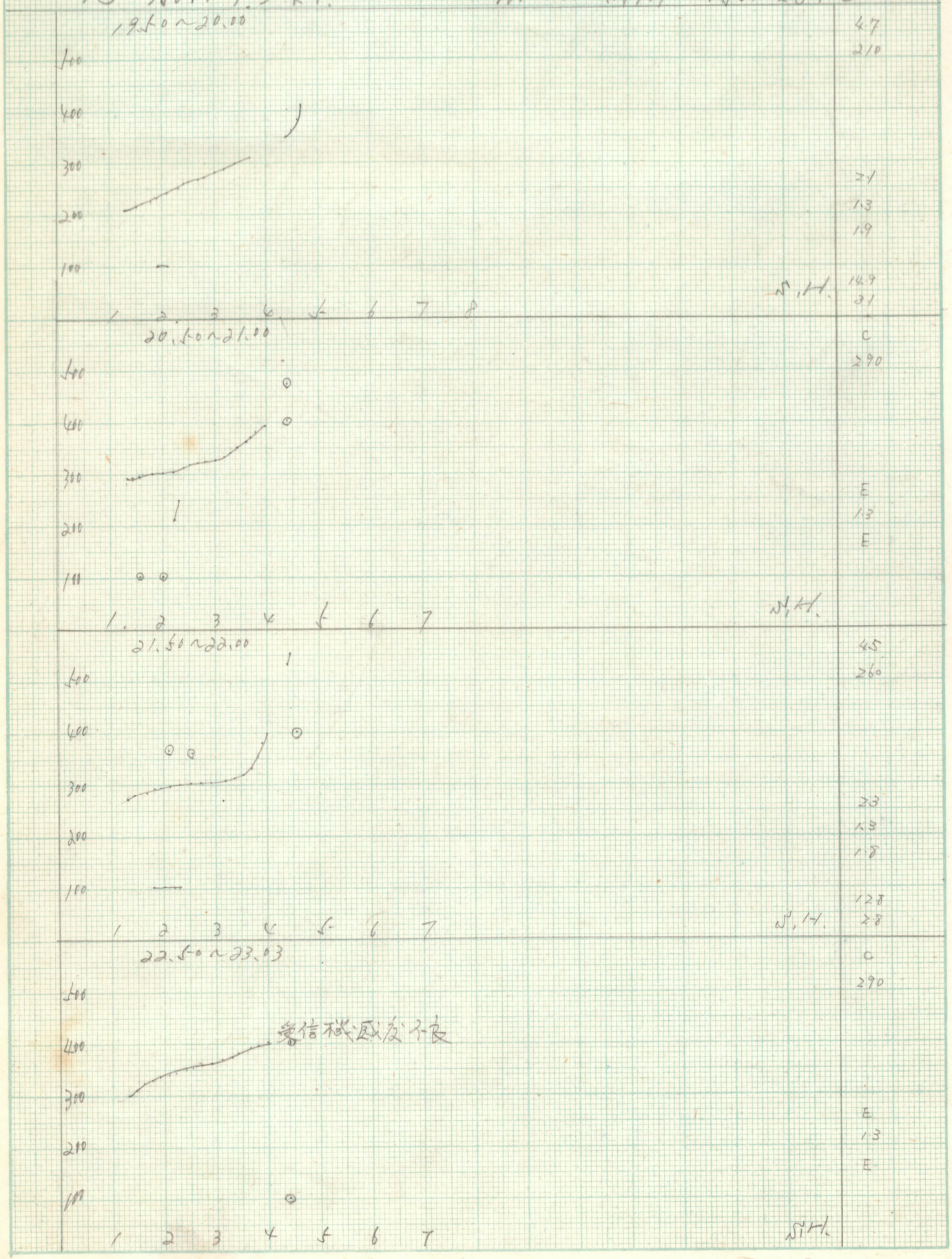
19 NOV. 1947 WAKKANAI WO 4678



19. Nov. 1947 WAKKANAI No 4672

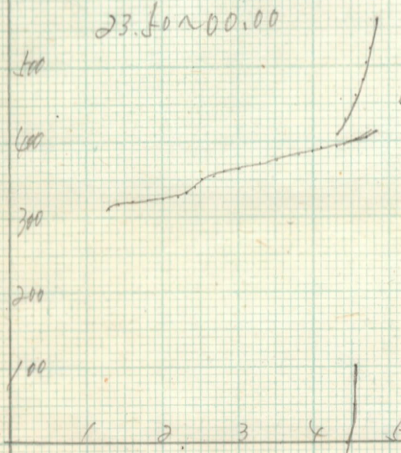


19 Nov. 1947. WAKKANAI No. 4673



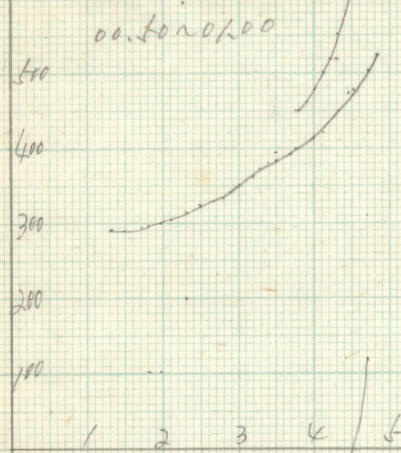
20 NOV. 1947 WAKKANAI N4674

23.50~00.00



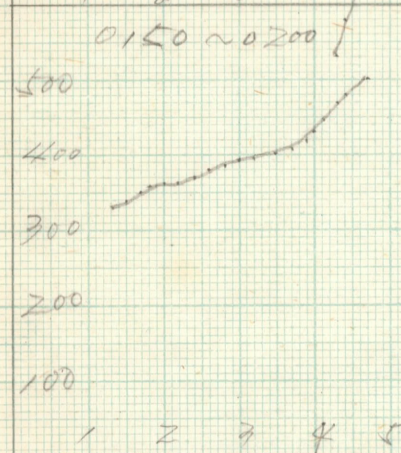
4.9
3.0
E
1.3
E
13.1
2.6
S.H.

00.50~01.00



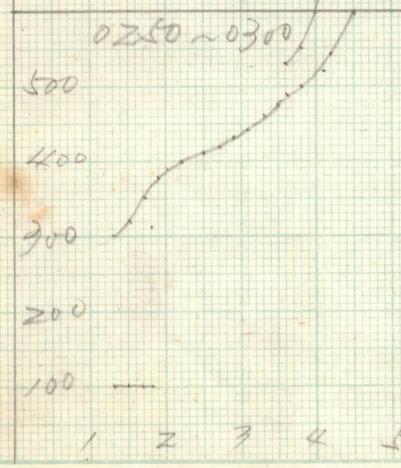
4.6
2.90
E
1.3
E
11.0
2.3
S.H.

01.50~02.00



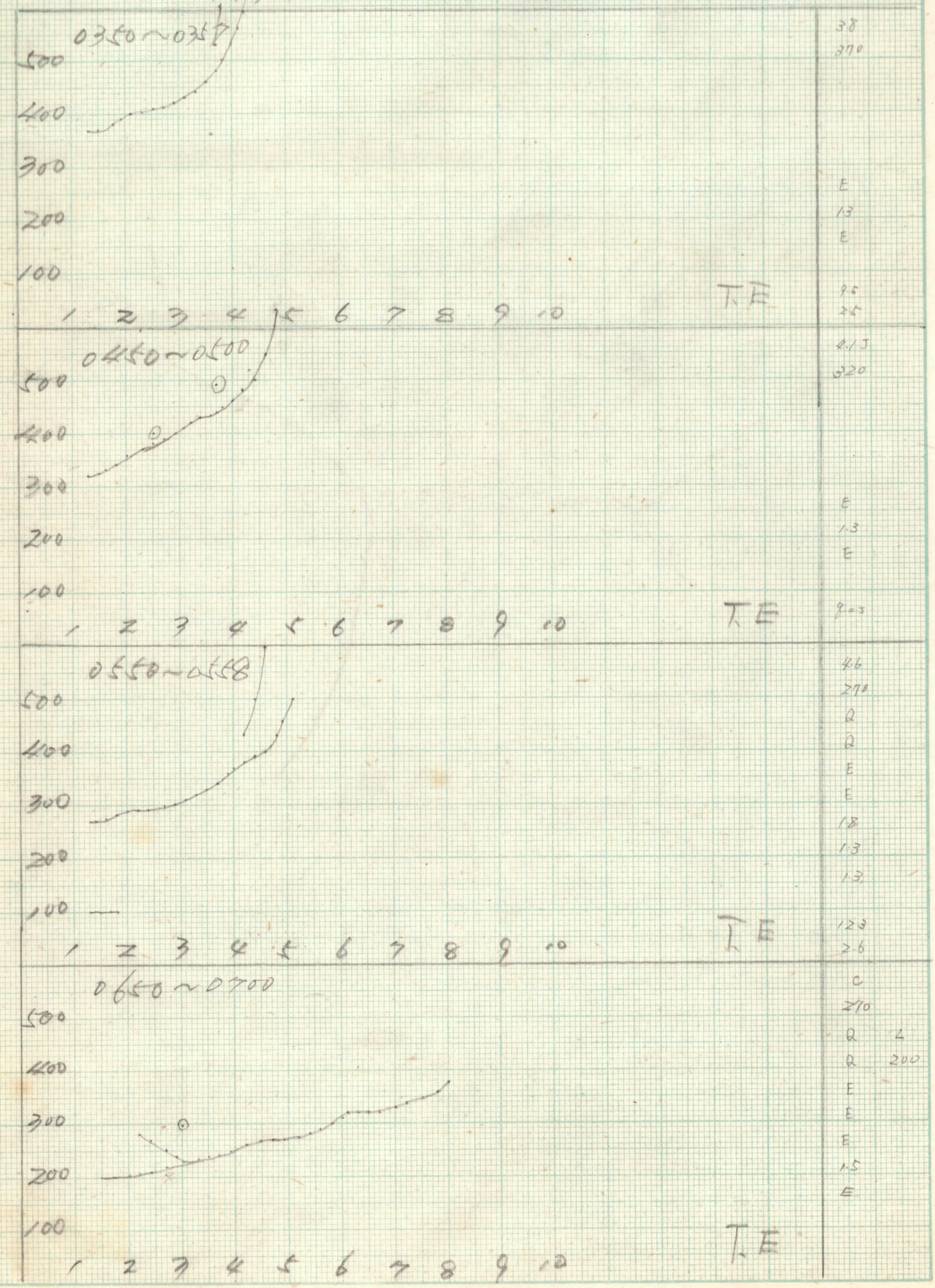
4.7
3.30
E
1.3
E
11.0
2.3
T.E

02.50~03.00

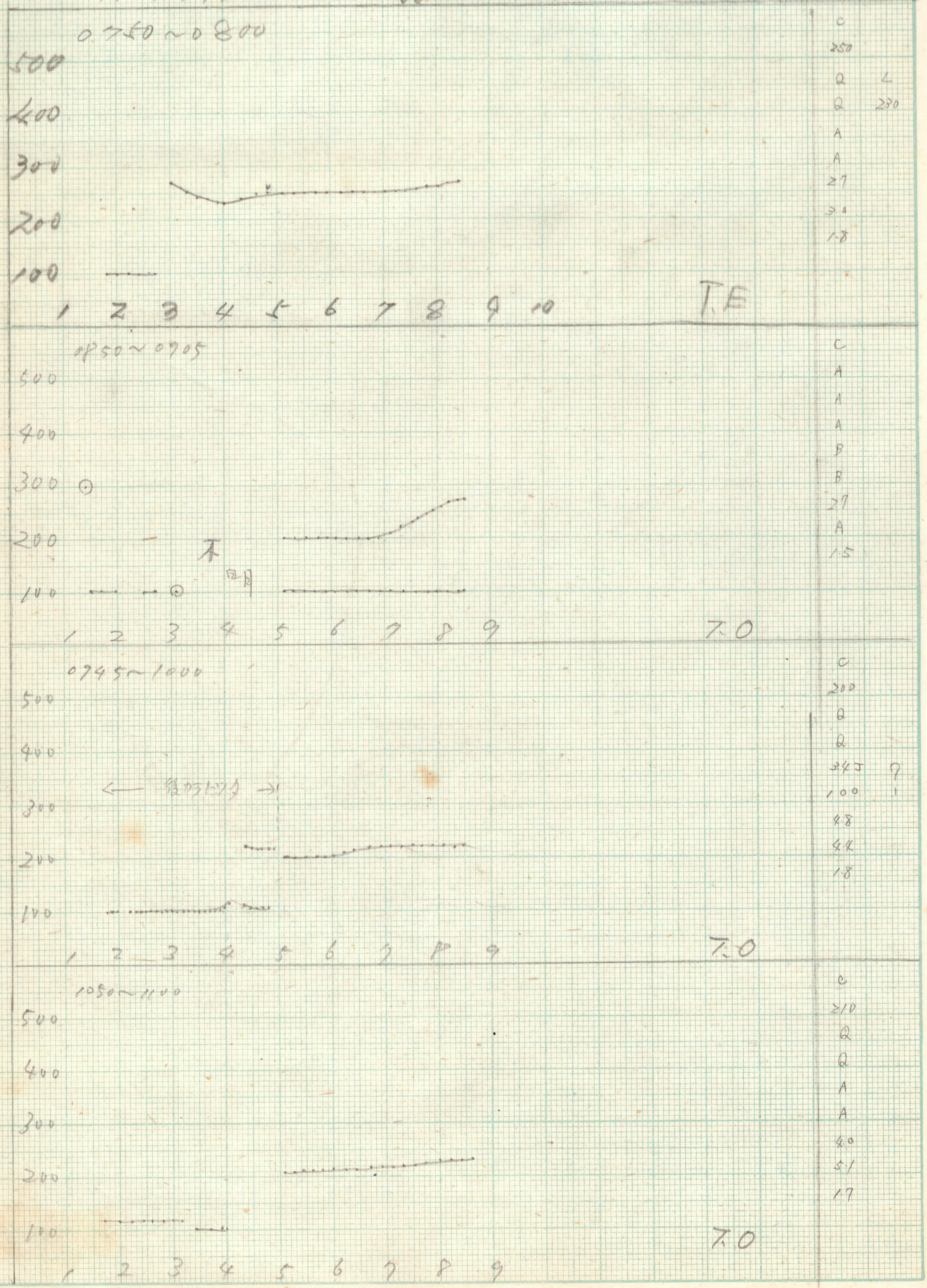


4.2
2.90
1.8
1.3
1.3
9.7
2.3
T.E

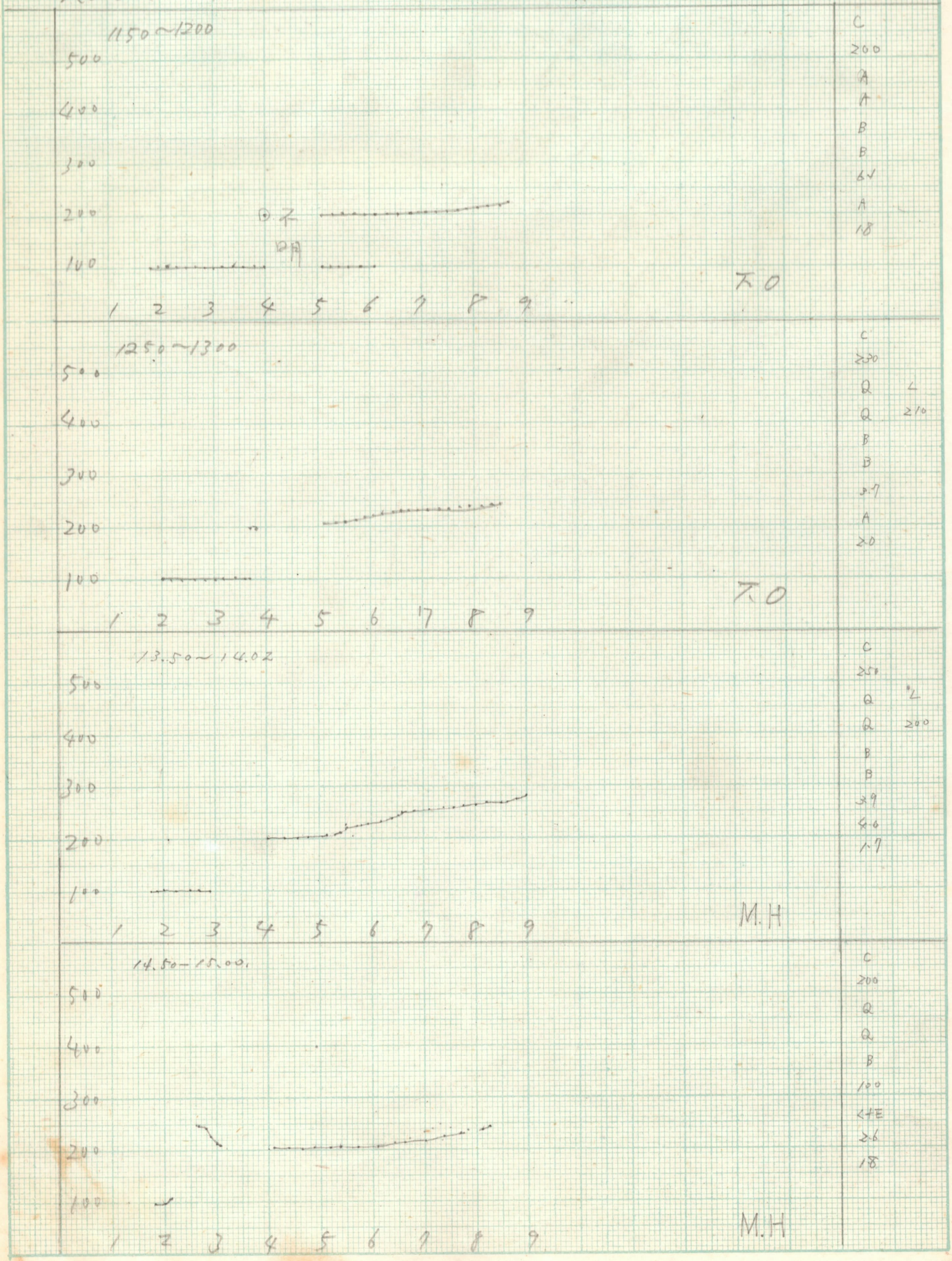
20 NOV 1947 WAKKANAI No 4675



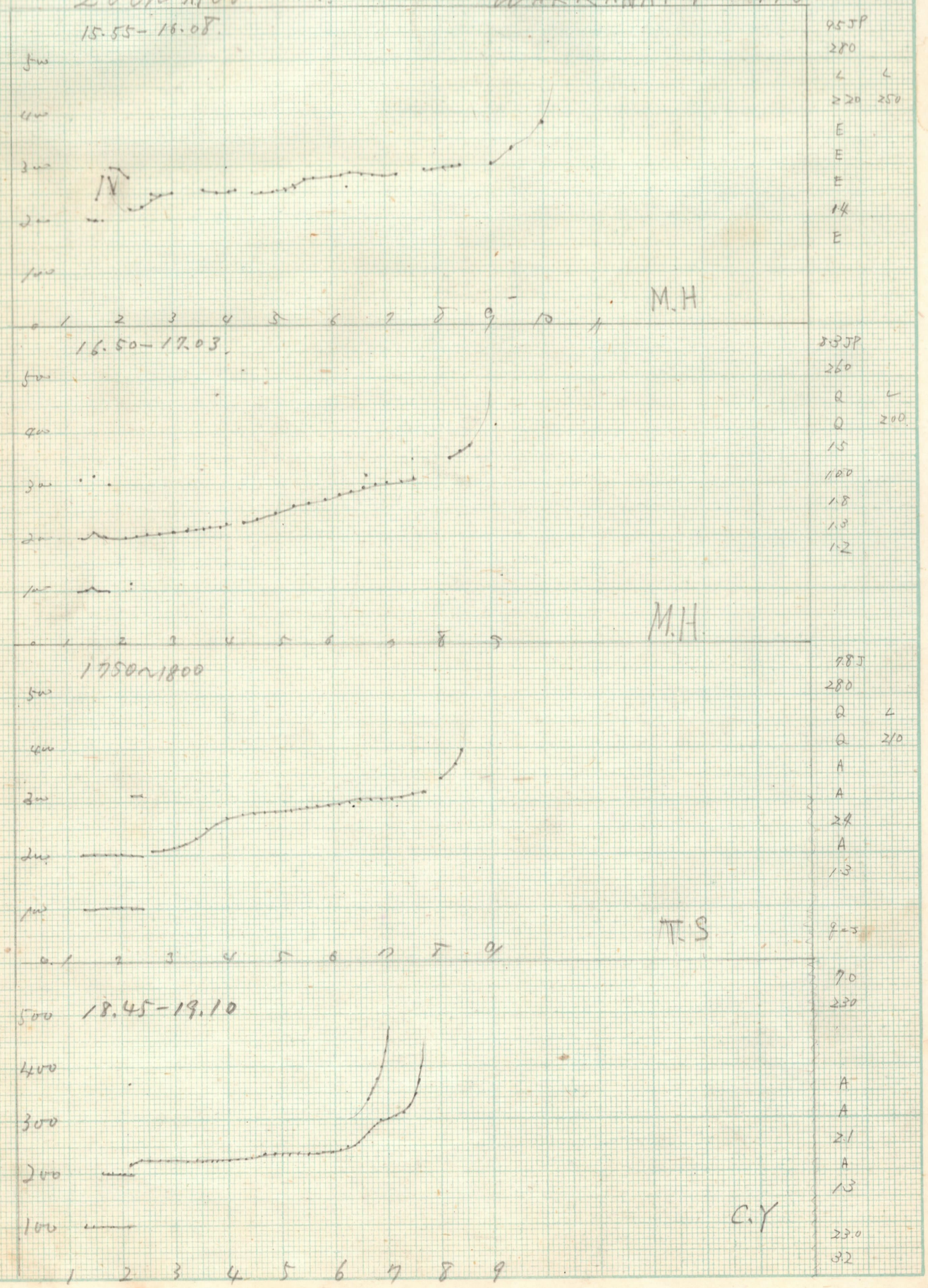
20 NOV, 1947 WAKKANAI NO 4676



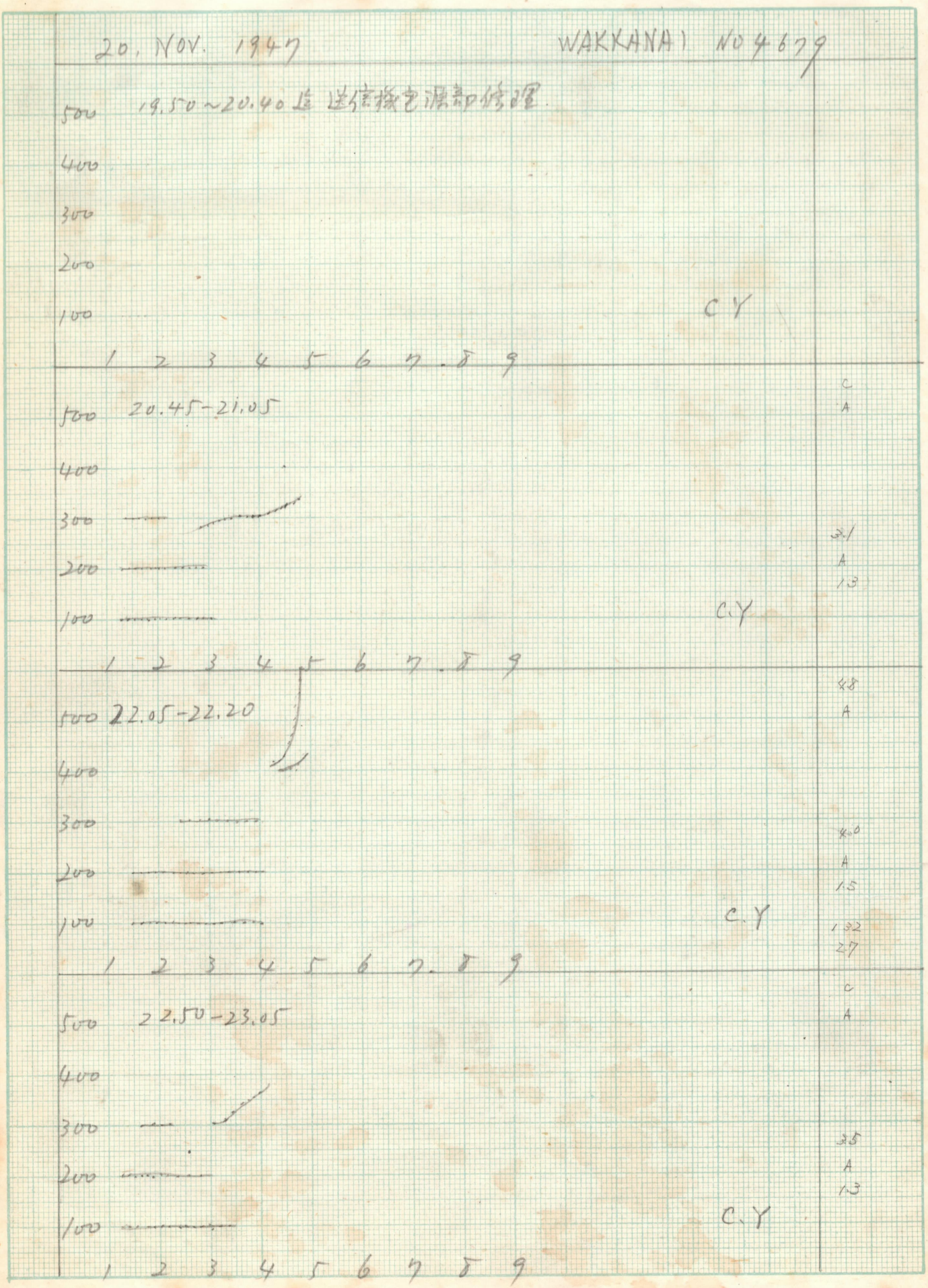
20th. Nov, 1947 WAKKANAI No 46717



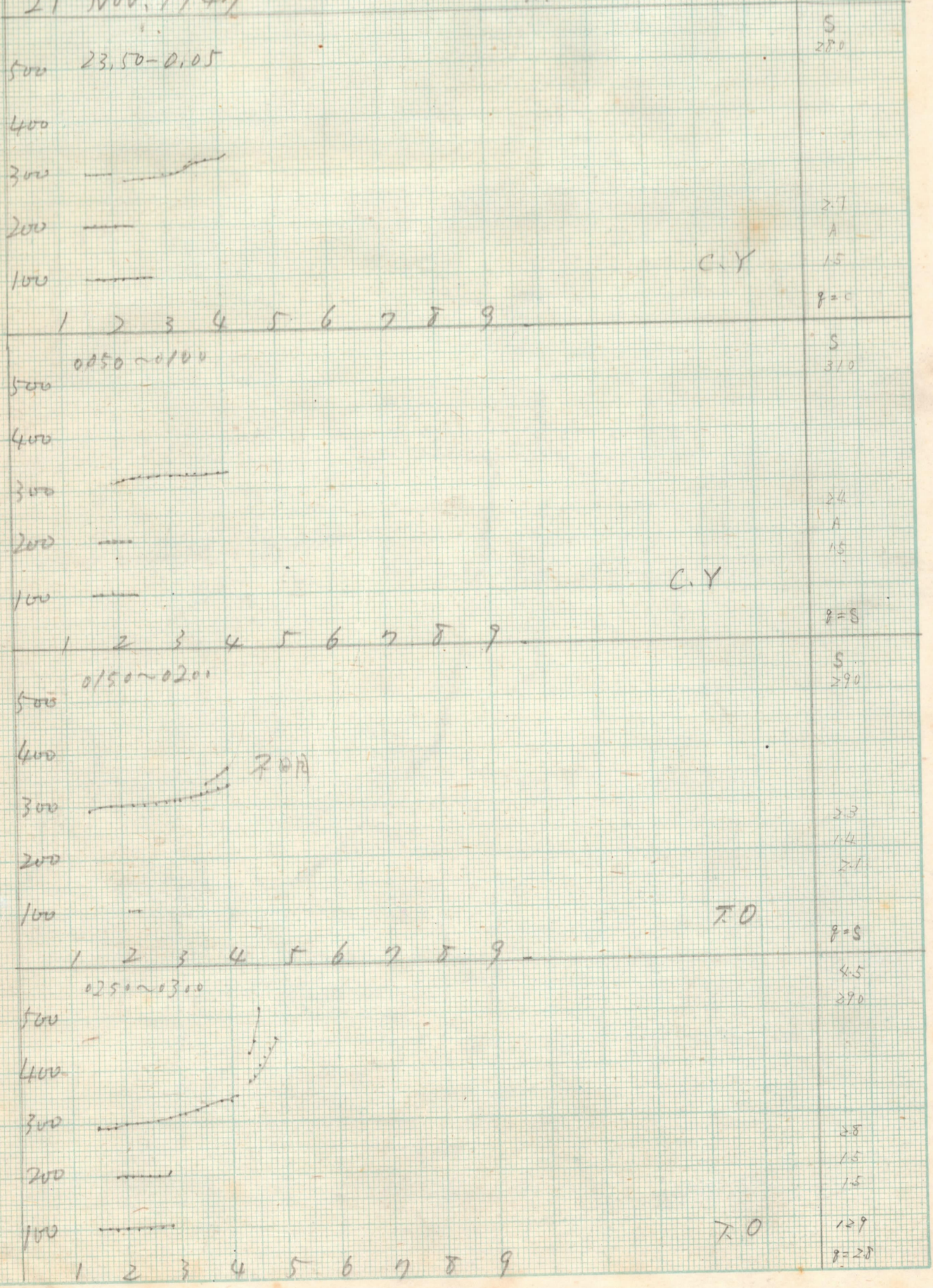
20th NOV 1947. WAKKANAI N. 4678



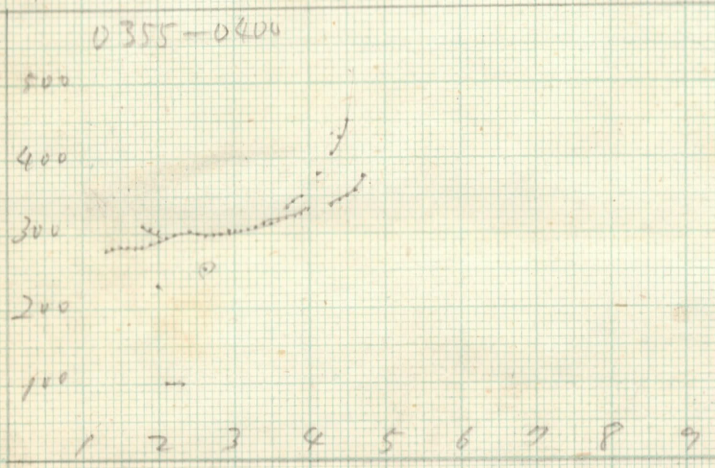
20. NOV. 1947 WAKKANAI NO 4679



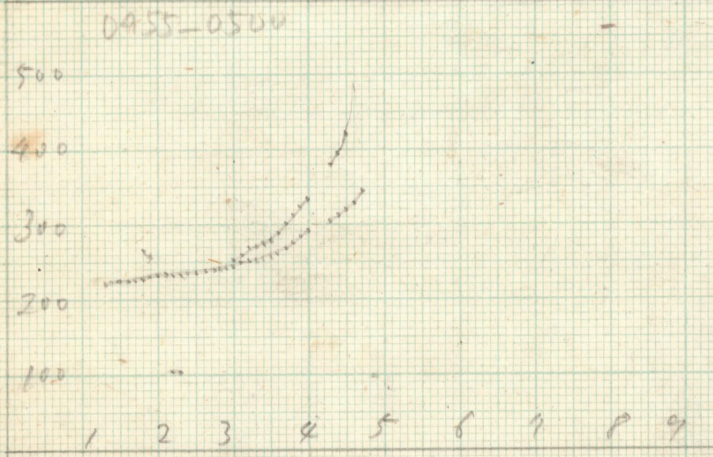
21 NOV. 1947 WAKKANAI NO 46580



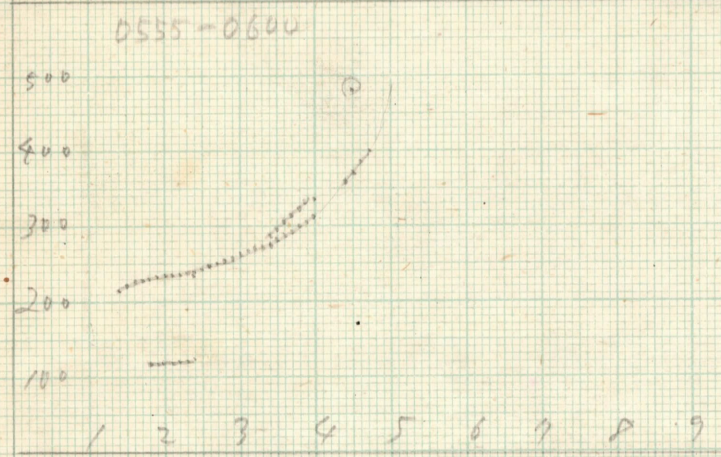
21, Nov. 1947 Wakkanai No 4681



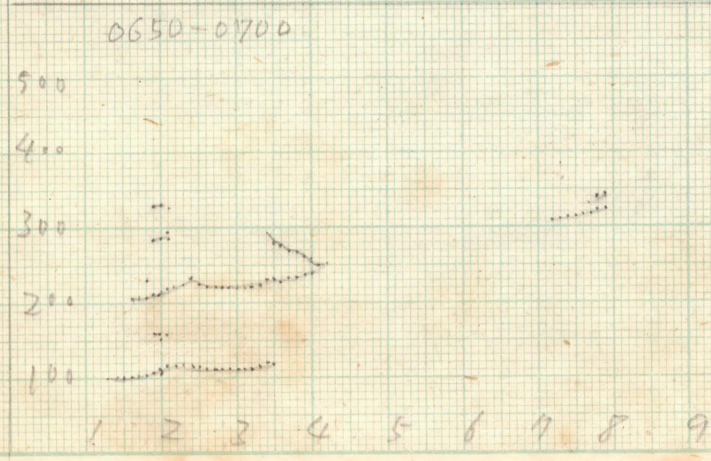
4.6
280
2.3
1.3
2.1
F.O.
13.0
q = 28



4.6
220
2.3
1.3
2.2
F.O.
13.9
q = 28



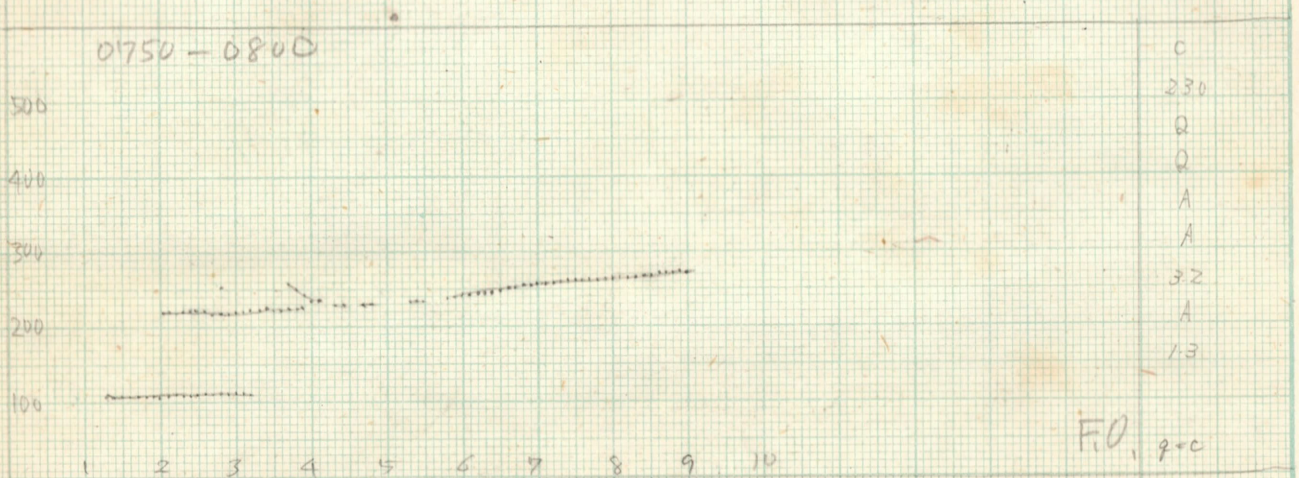
4.5 JP
210
2.4
1.4
1.8
F.O.
q = JP



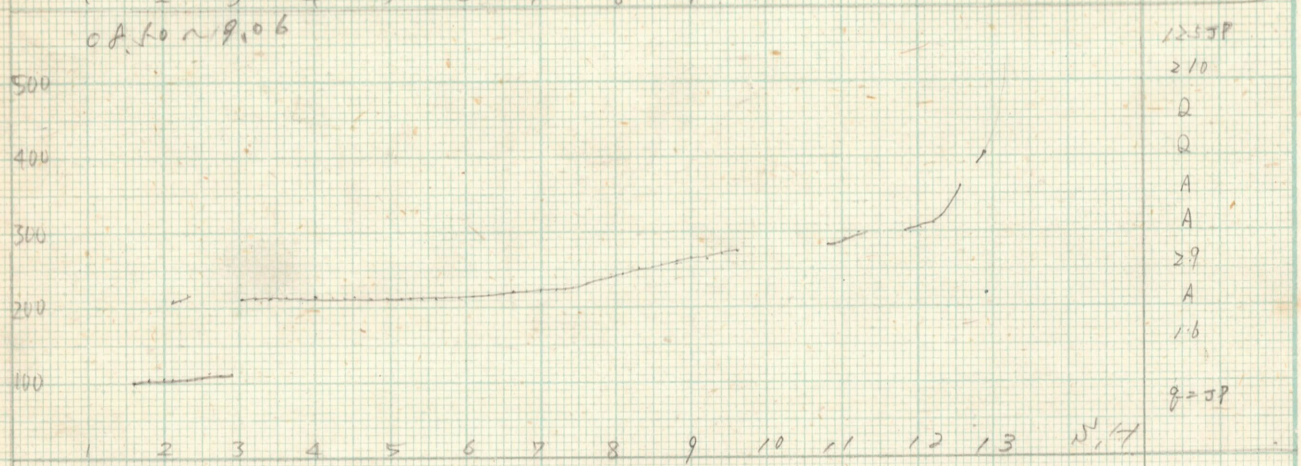
B
B
Q
Q
(2.1)
100
3.5
A
1.3
F.O.

21 NOV. 1947 WAKKANAI NO 4682

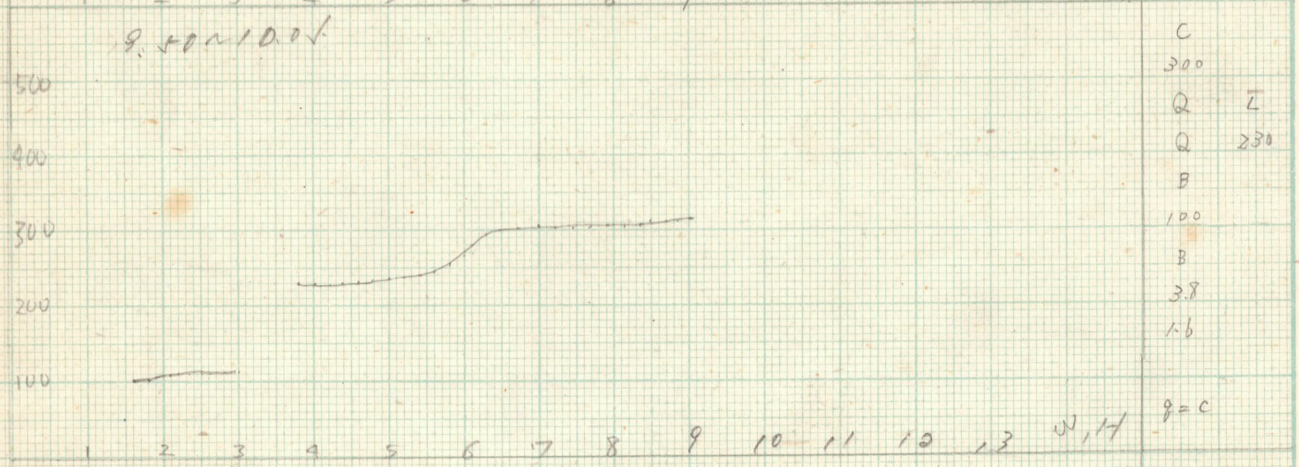
0750 – 0800



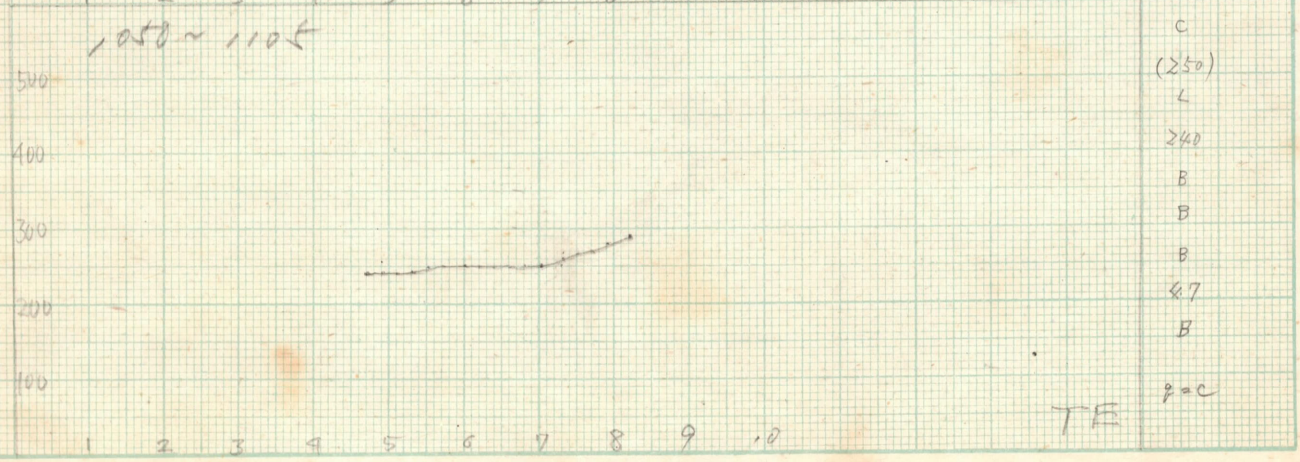
0A.50 ~ 9.06



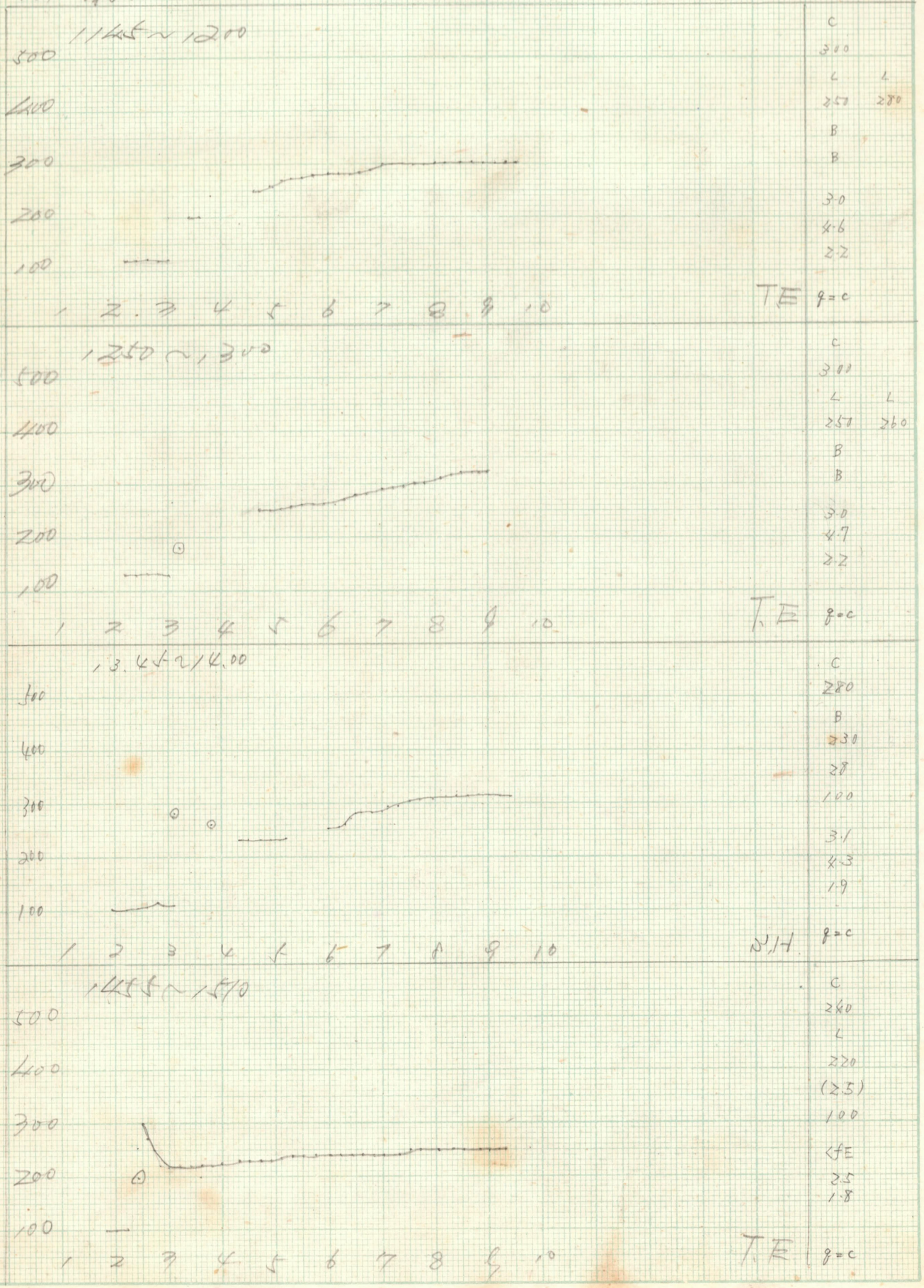
9.50 ~ 10.0 ✓



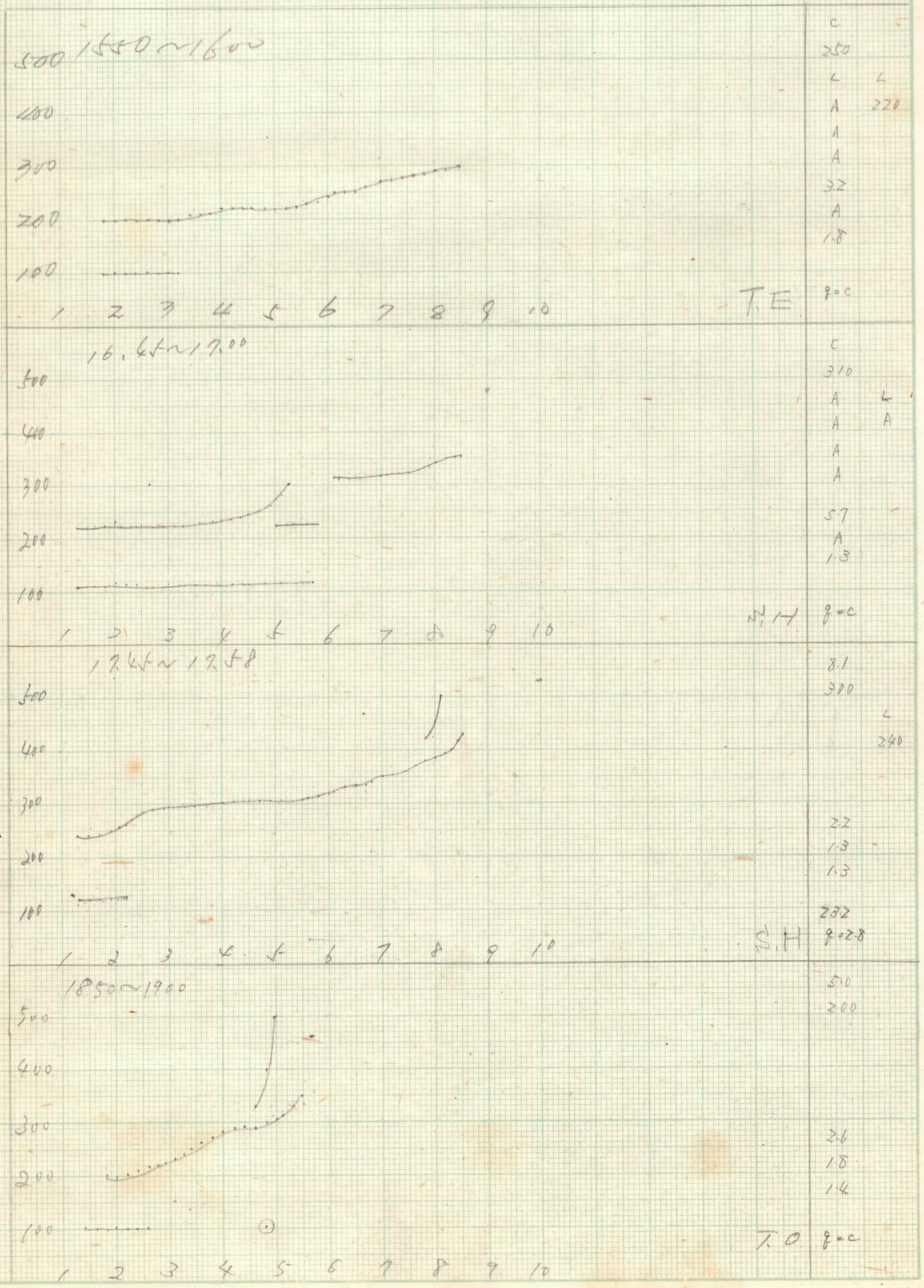
10.50 ~ 11.0 ✓



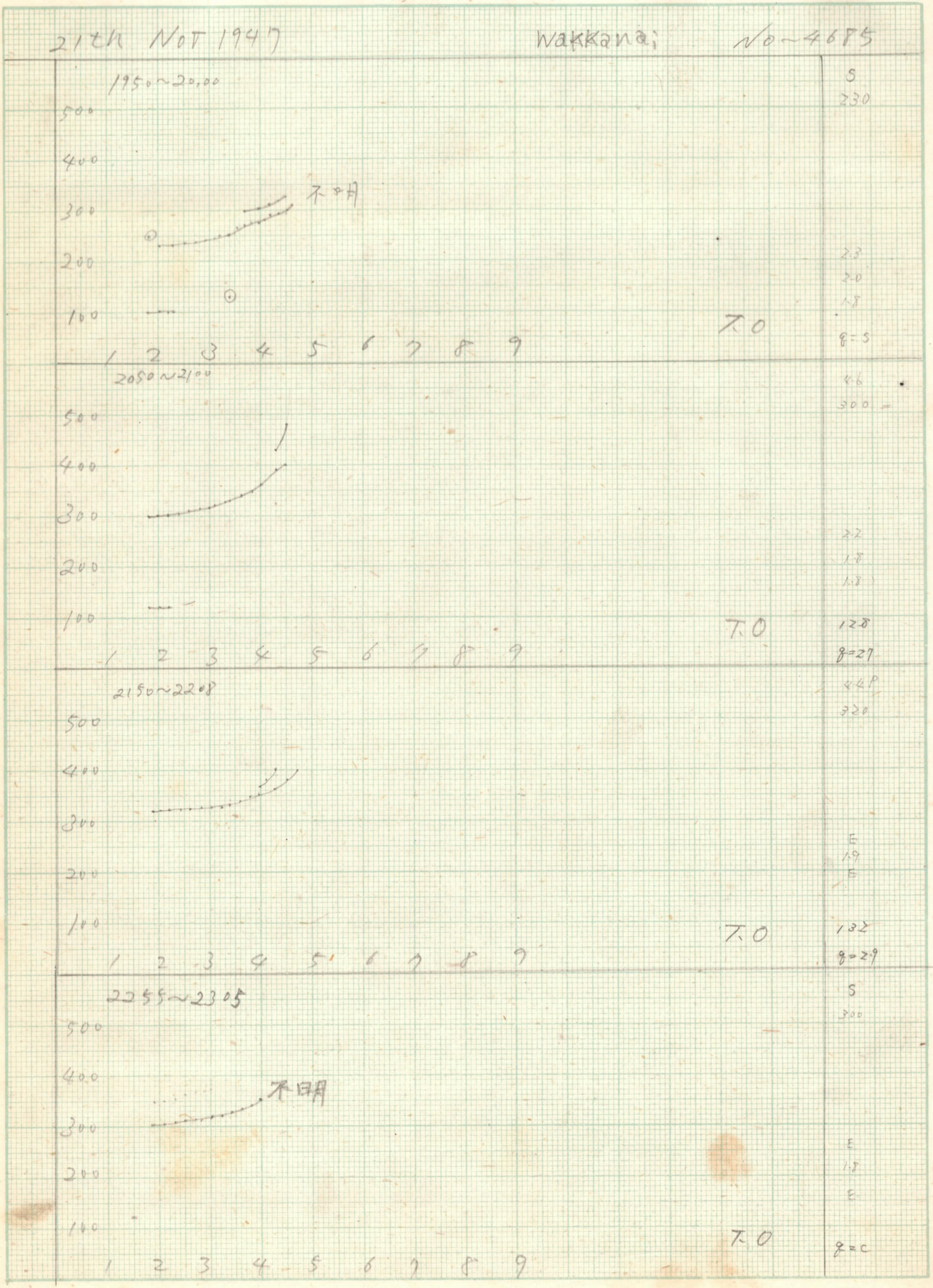
21 NOV 1947 WAKKANAI No 4683



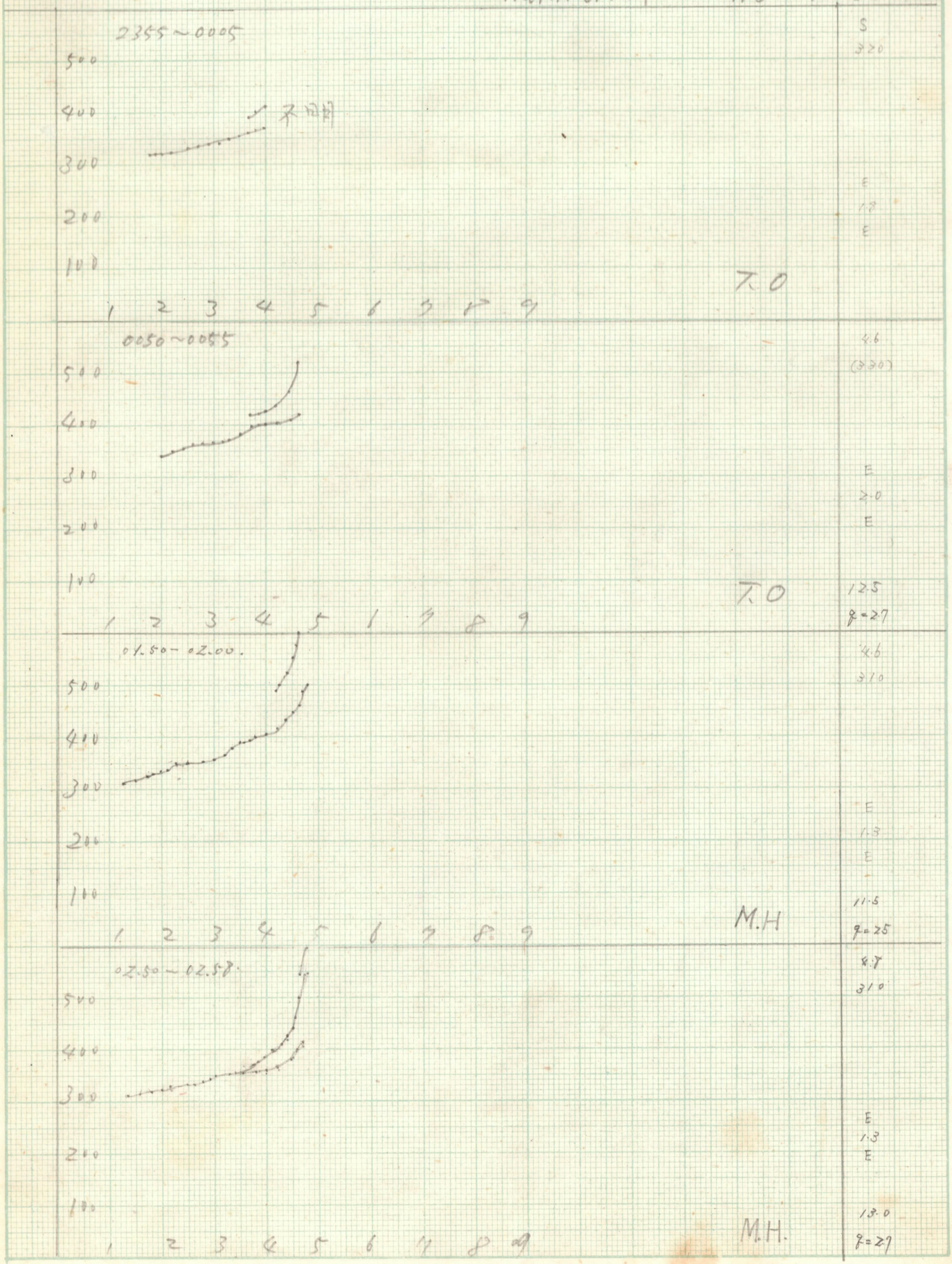
21 NOV 1947 WARKANAI No 4684



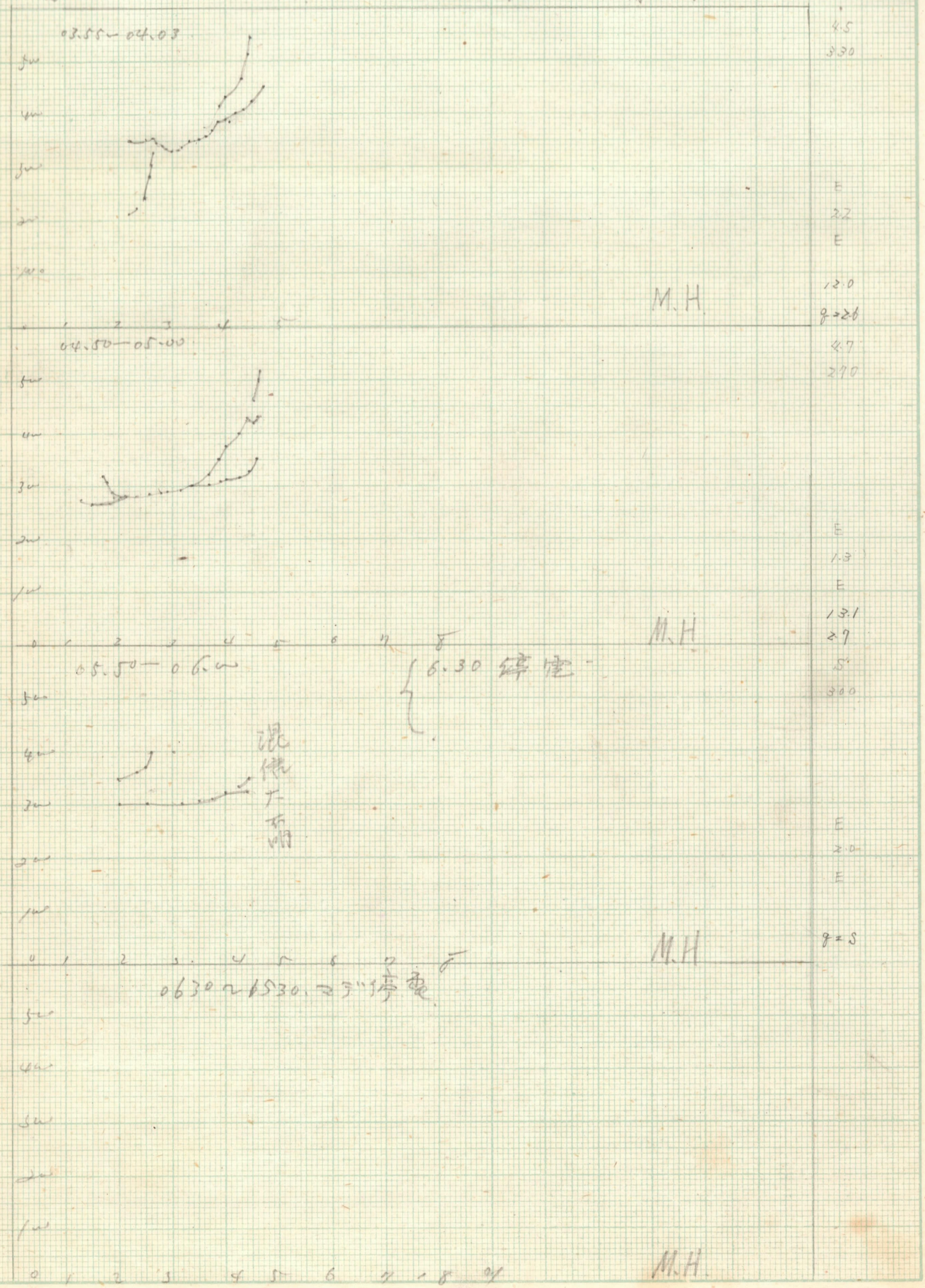
21th Nov 1947 wakkanai No-4685



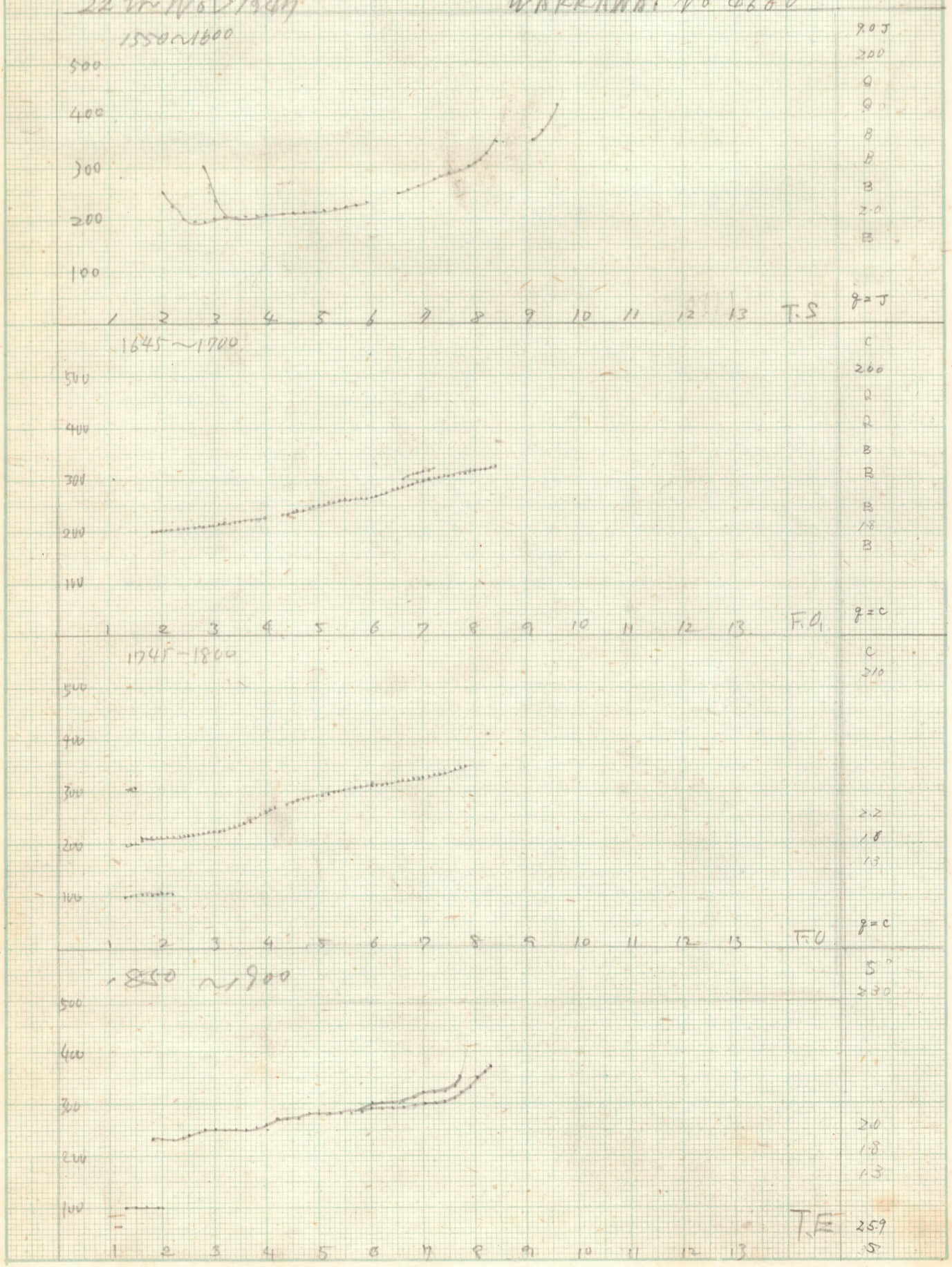
22th Nov. 1947 Wakkanai No~4686



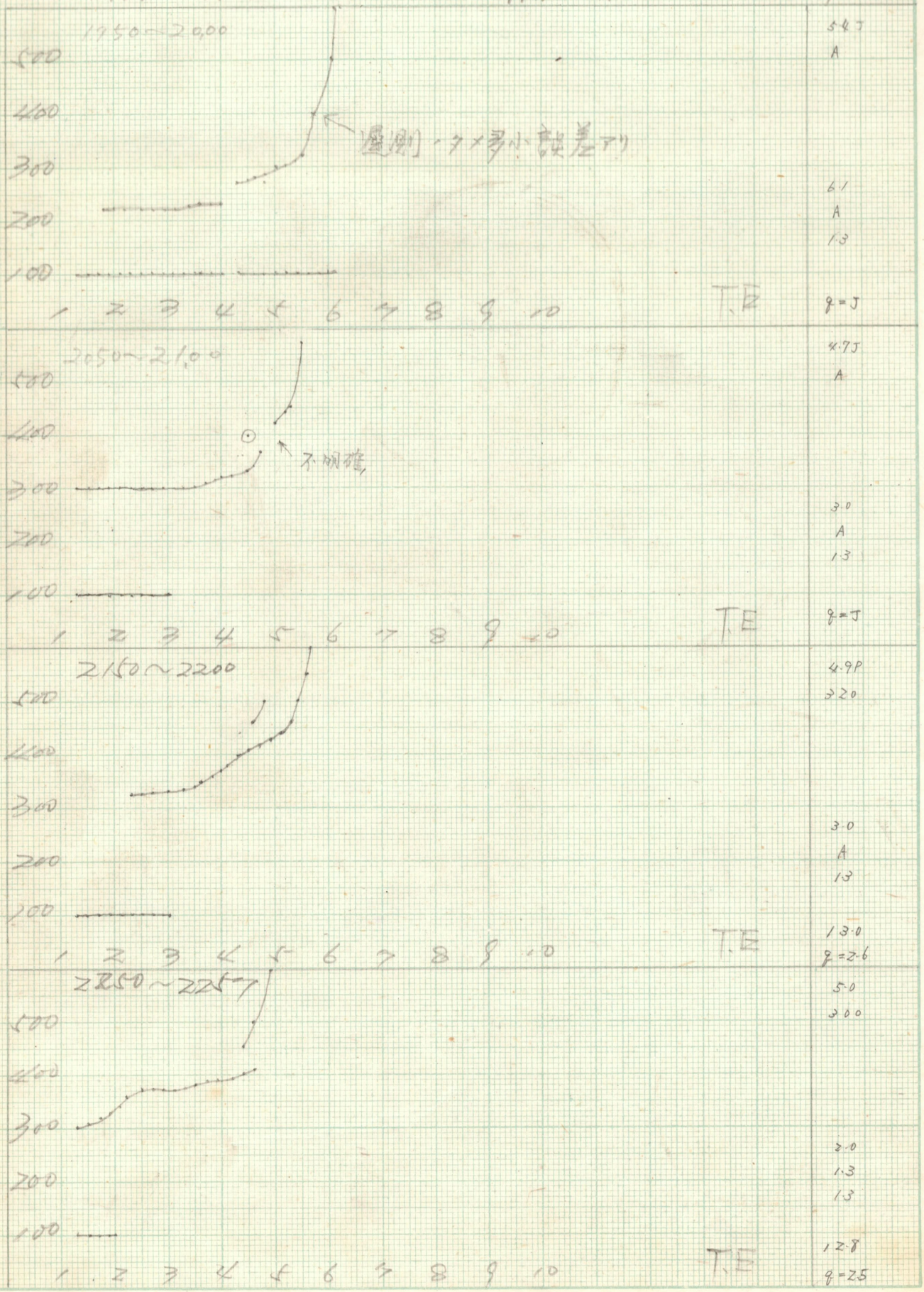
22th-NOV 1947 WAKKANAI No 4687



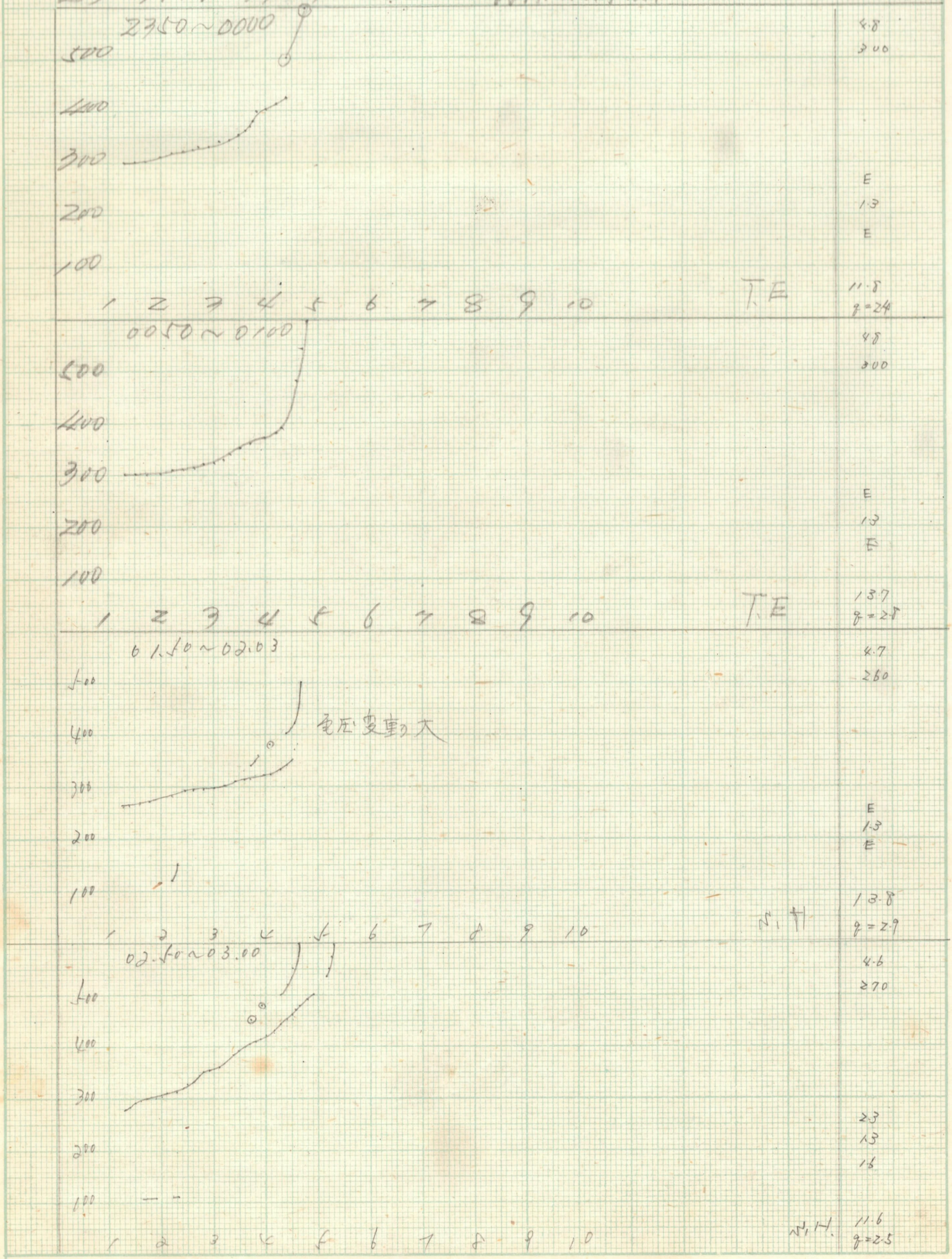
22th Nov 1947 WAKKANAI No 4680



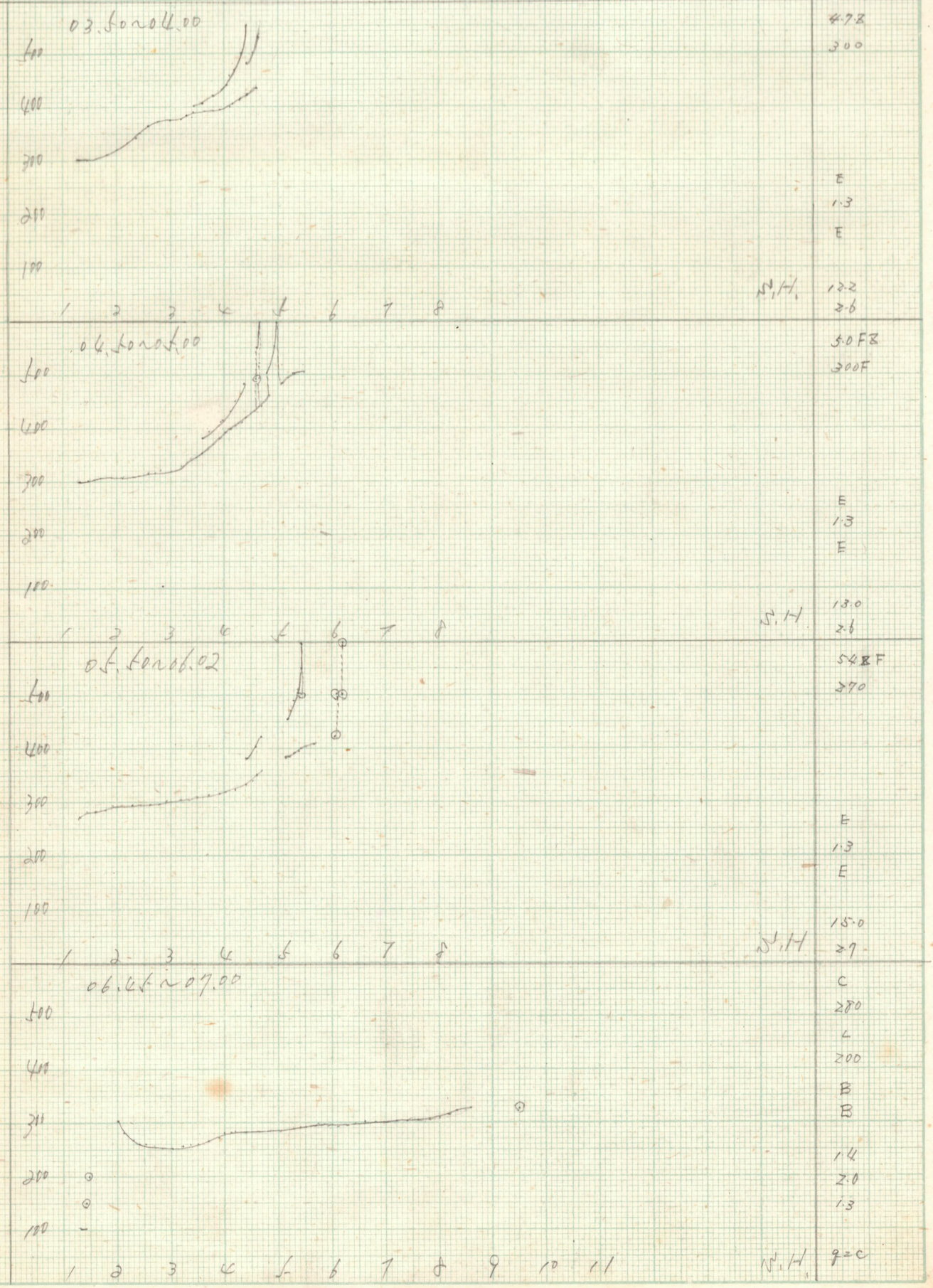
22 NOV 1947 WAKKANAI No 4689



23 NOV 1947 WAKKANAI No 4690

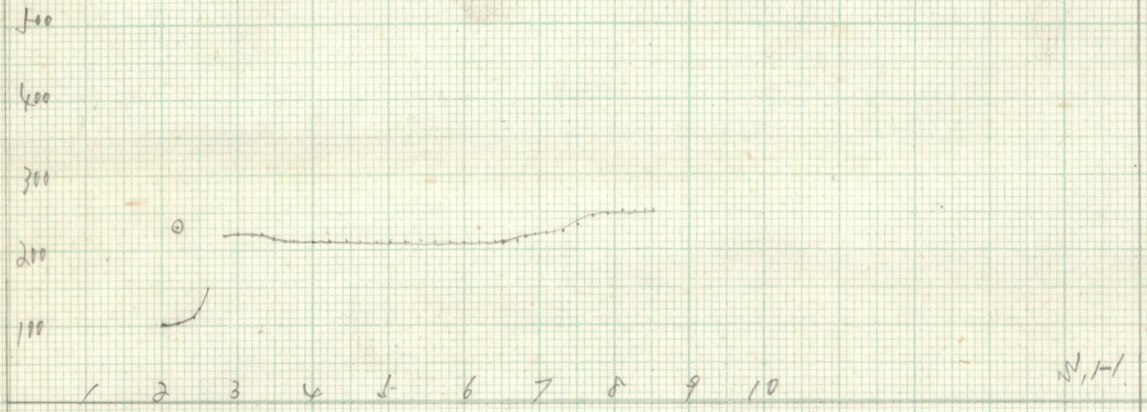


23 Nov. 1947 WAKKANAI No. 4691

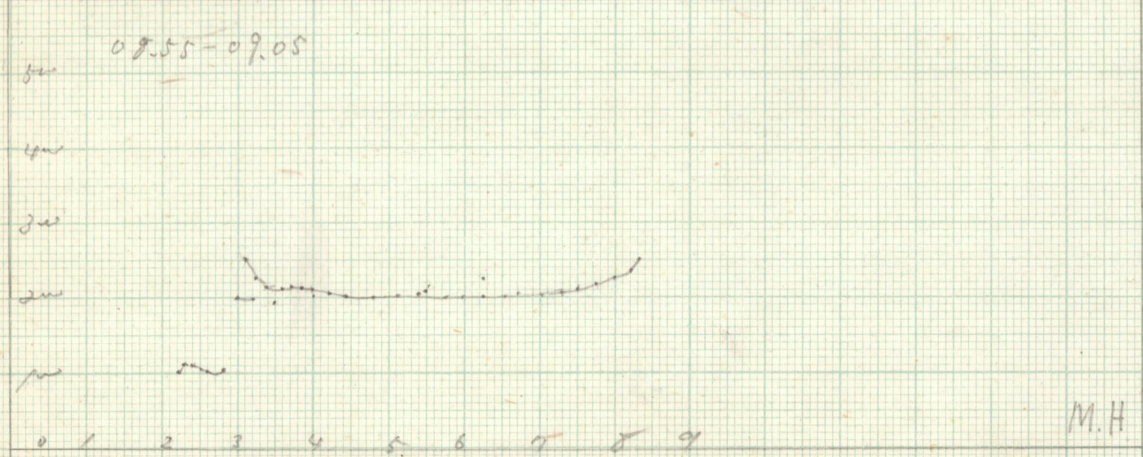


23 NOV. 1947 WAKKANAI No. 4692

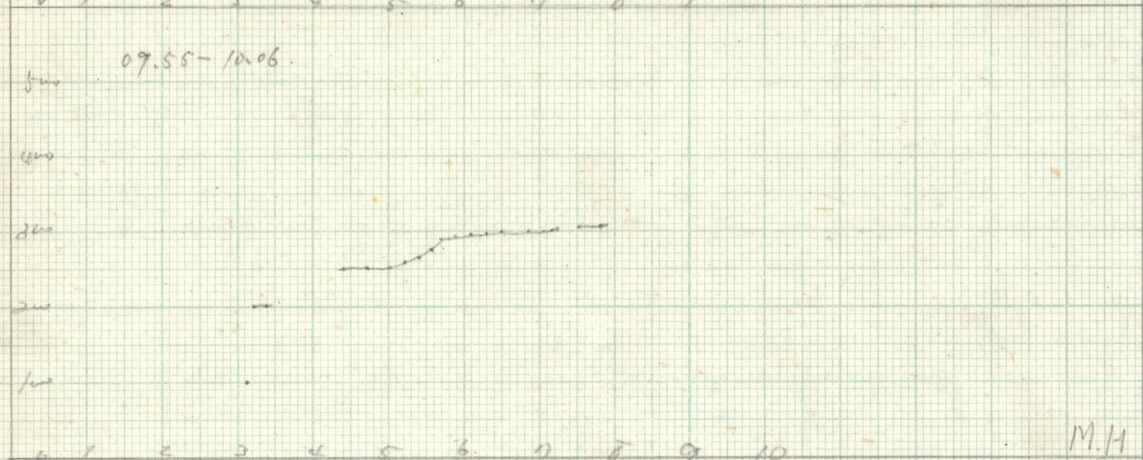
07.47~08.00



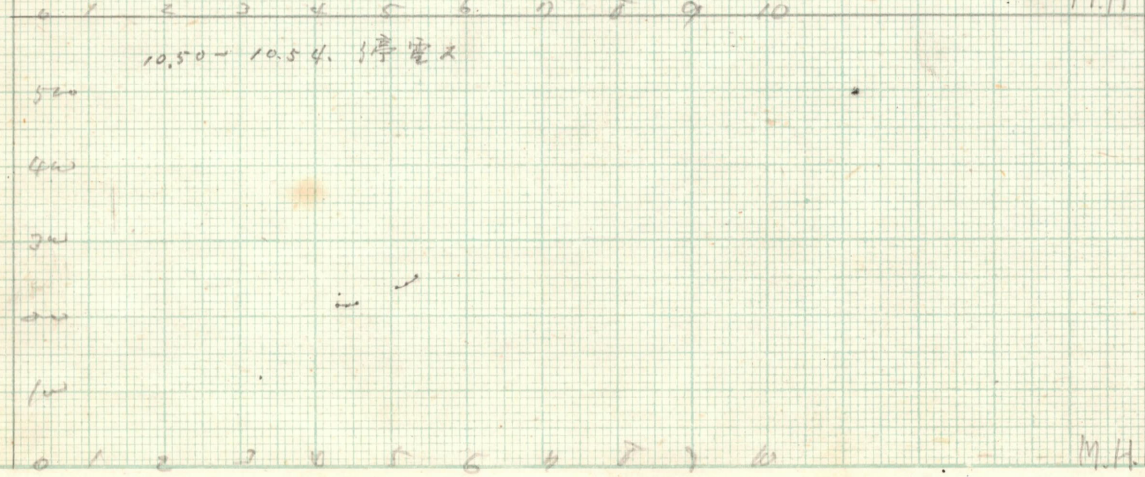
08.55~09.05



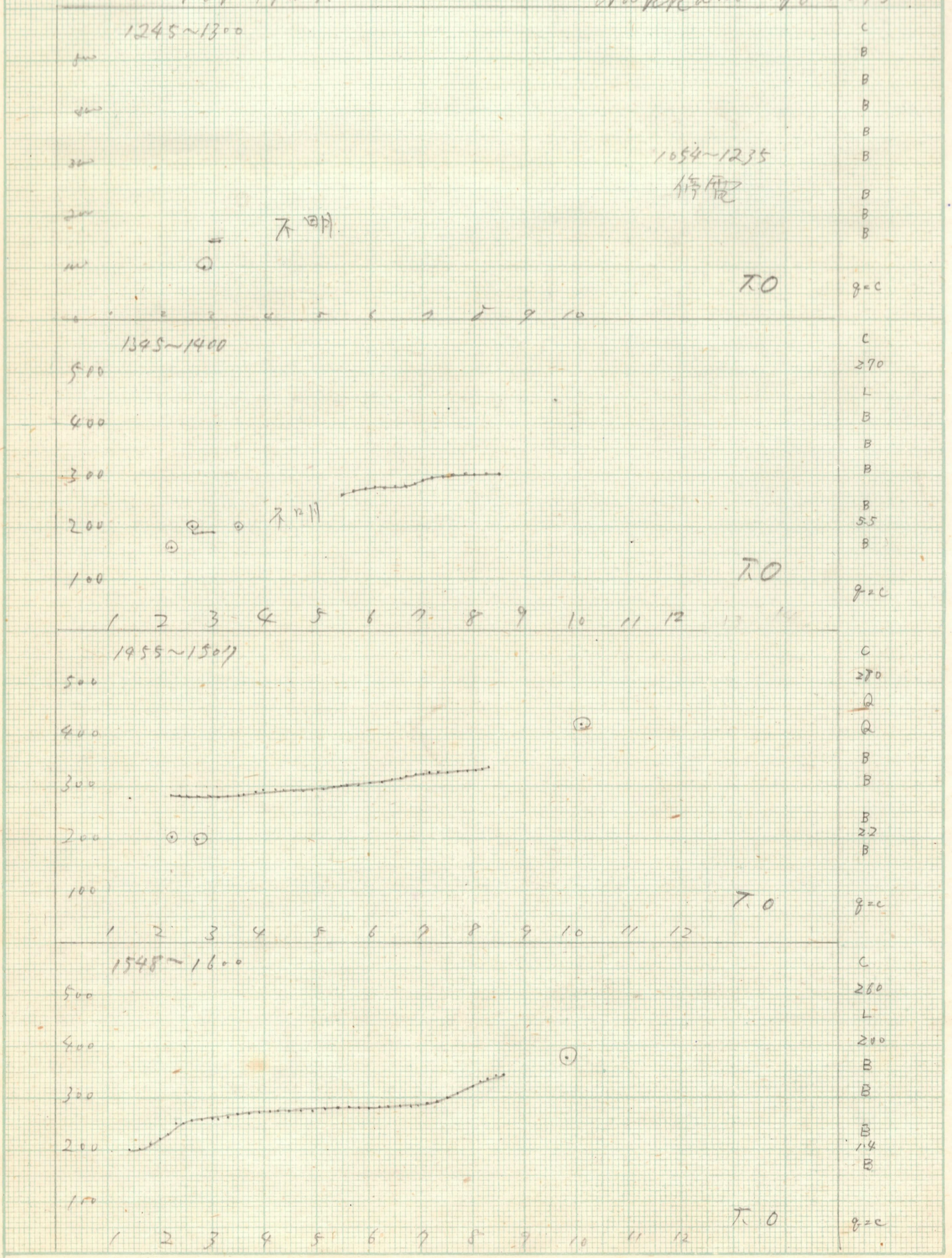
09.55~10.06



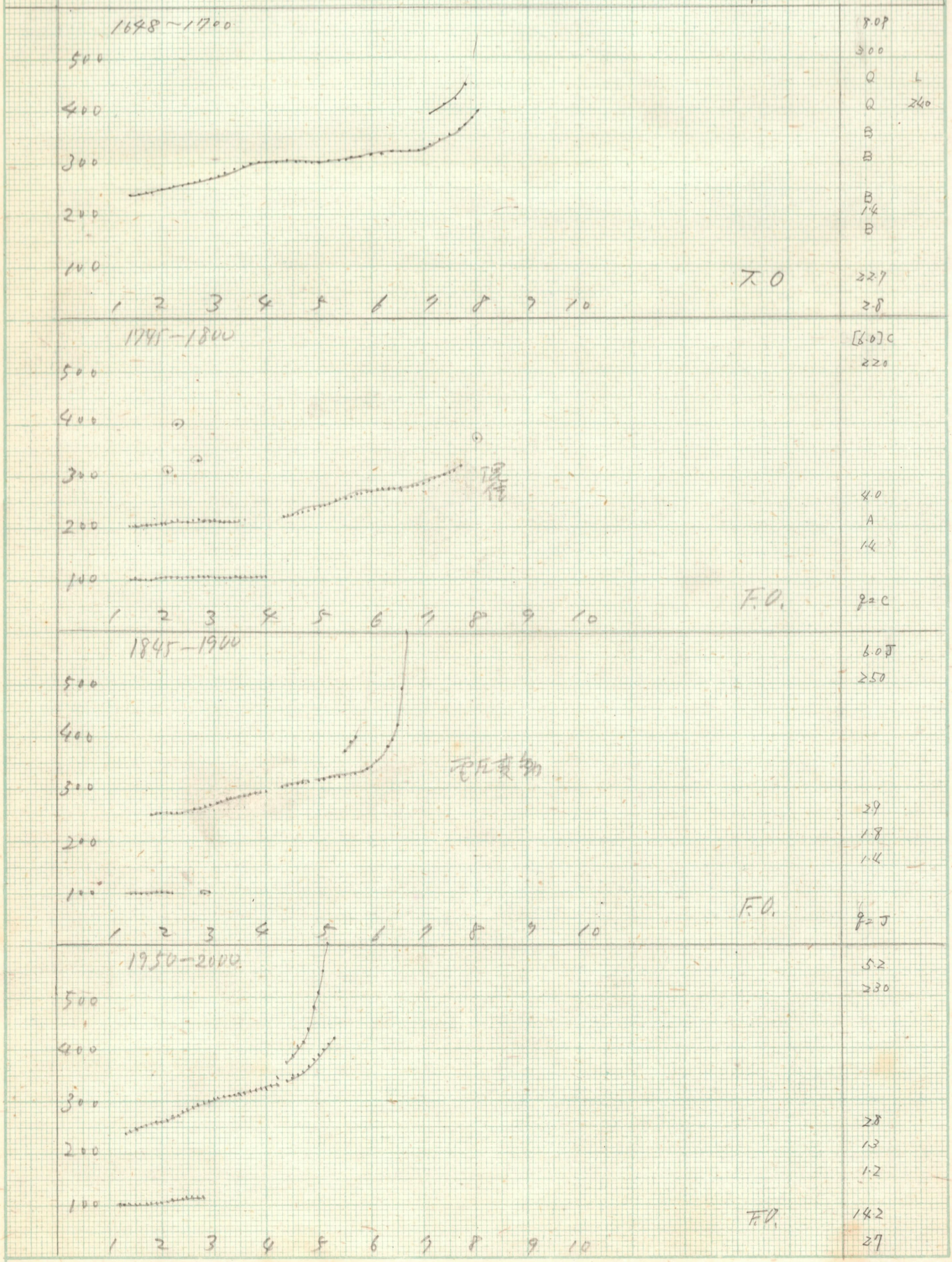
10.50~10.54. 停電ス



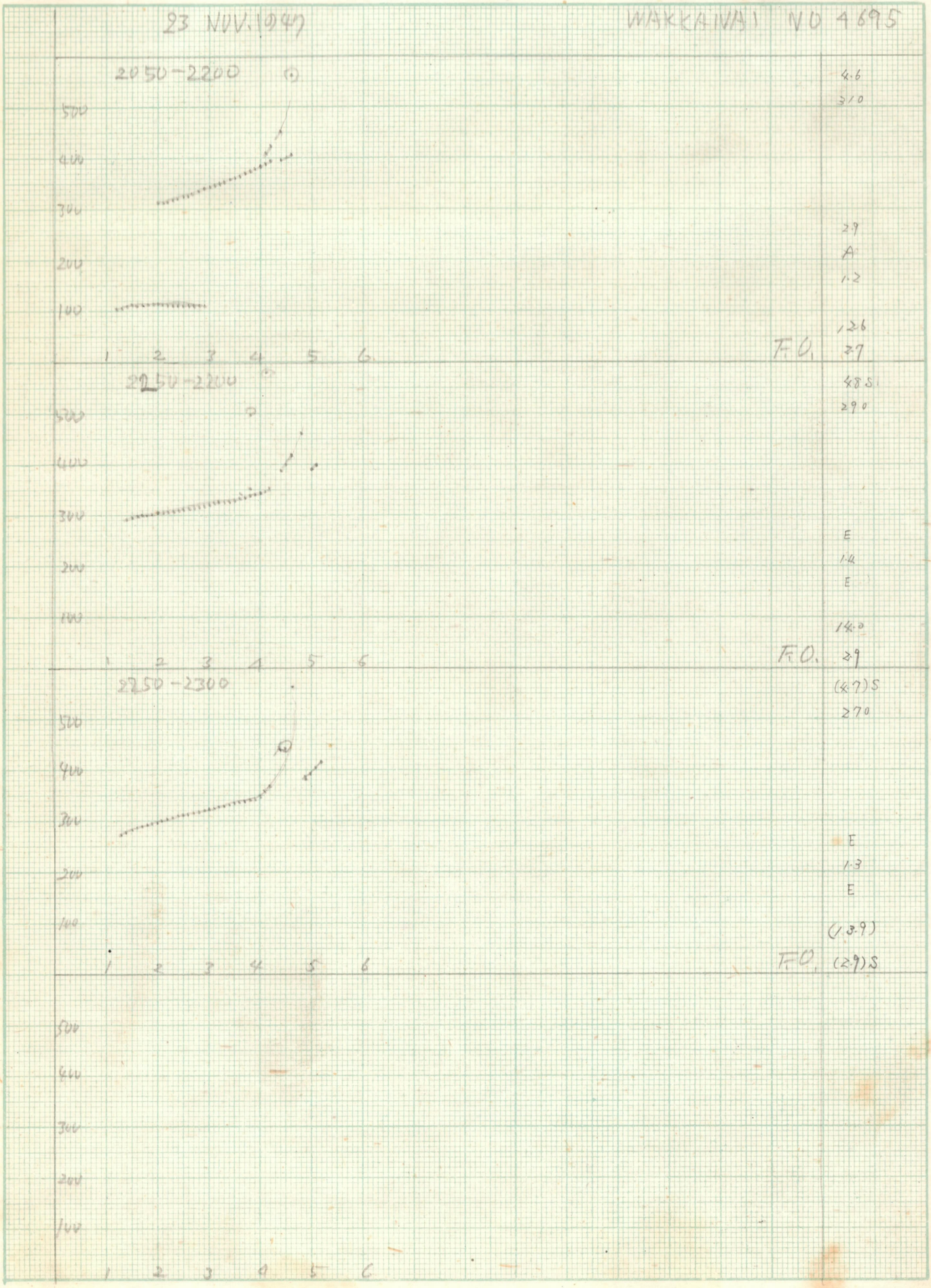
23th NOV 1947. Wakkanai No 4693



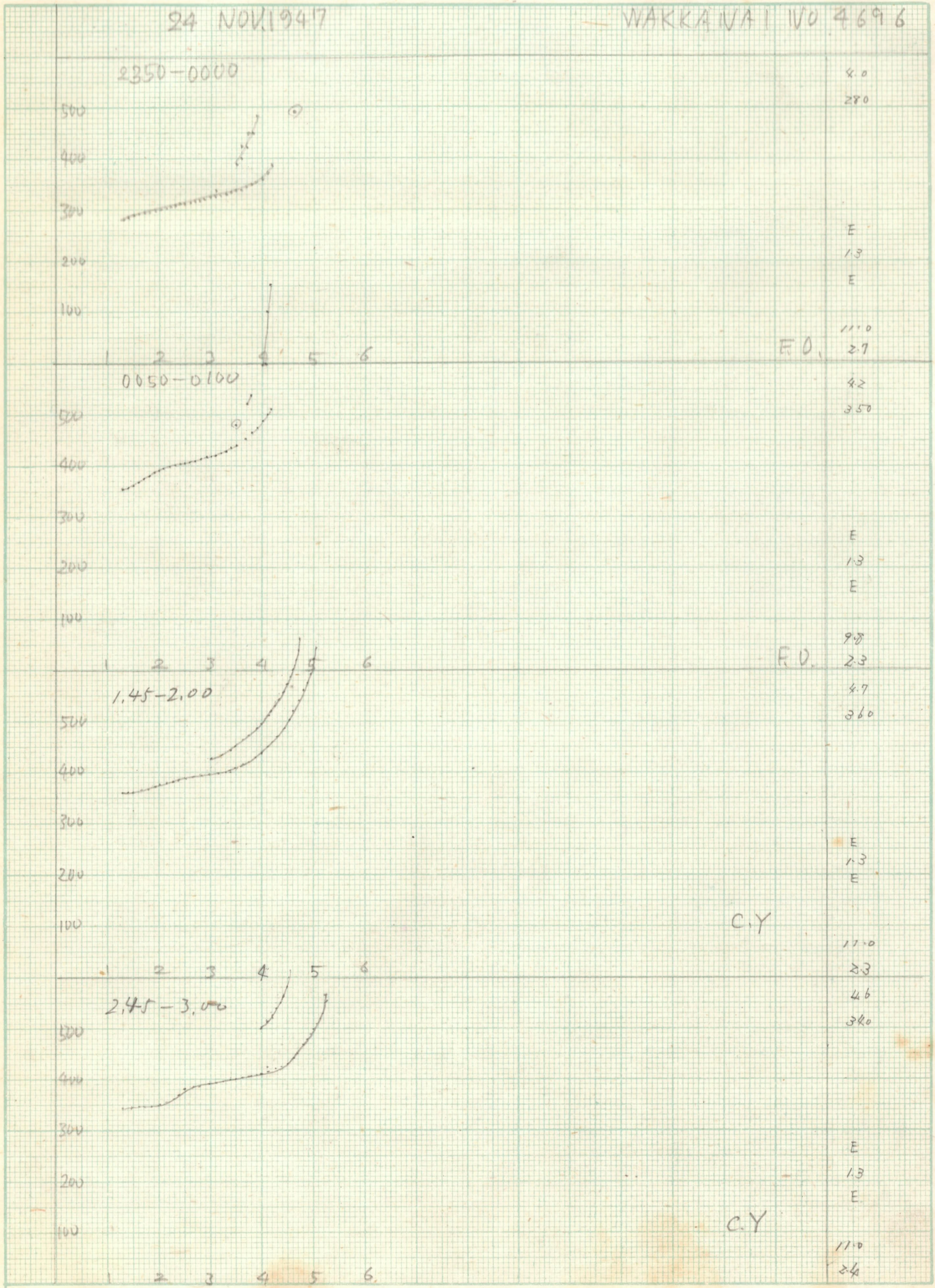
23th No.F 1747 WAKKANAI No.~4694



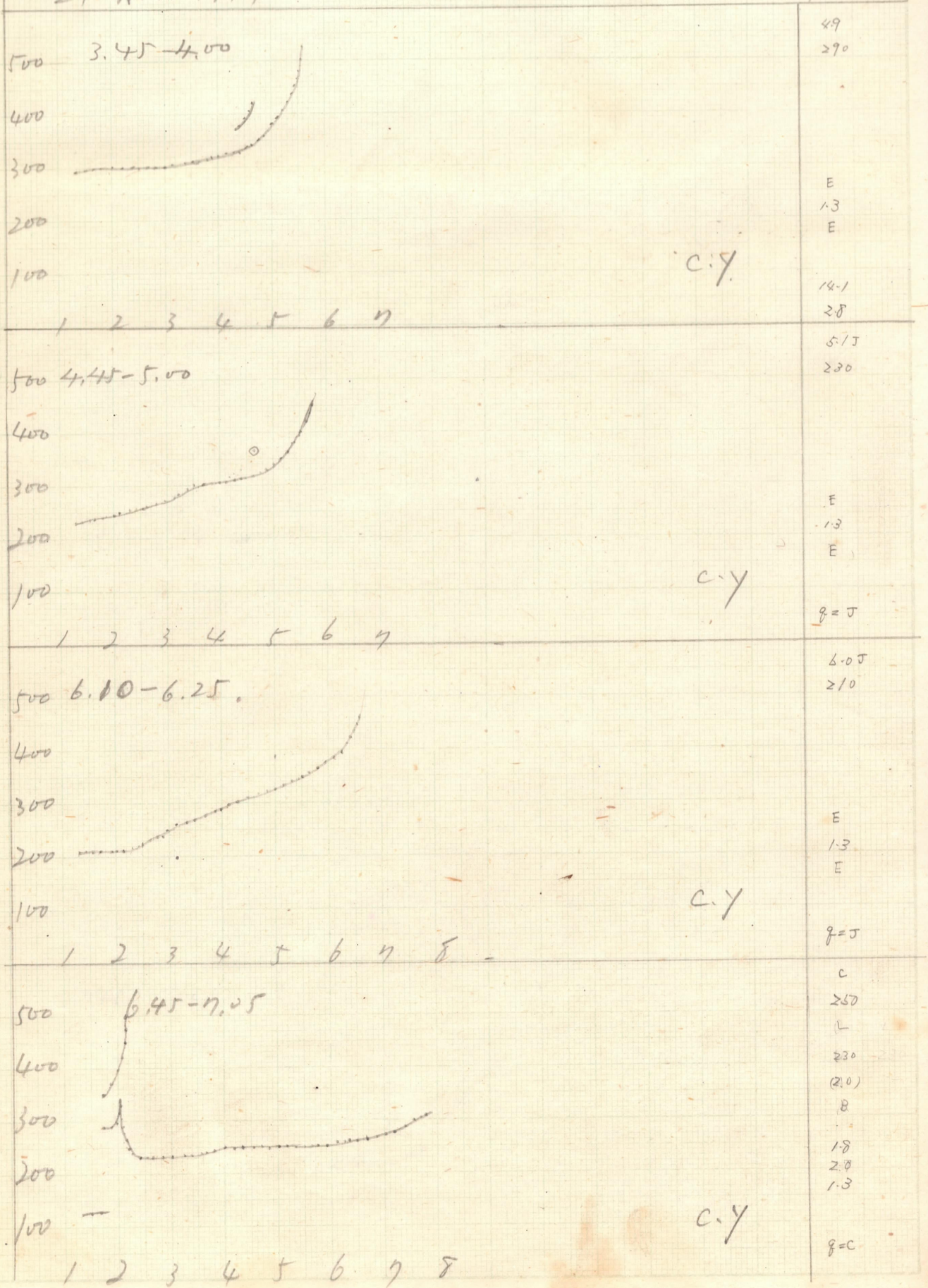
23 NOV. 1947 WAKKANAI NO 4695



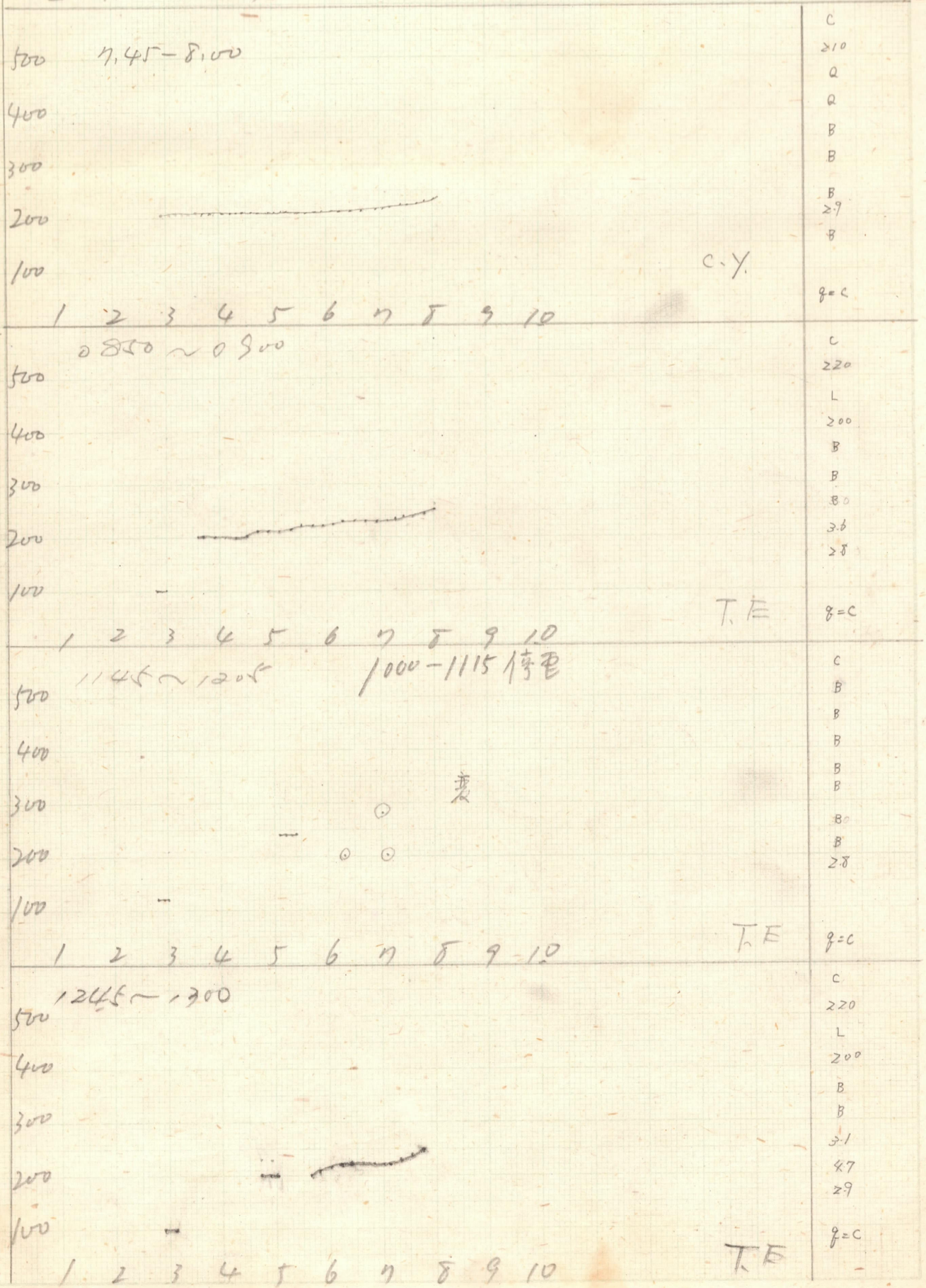
24 NOV 1947 — WAKKANAI VO 46996



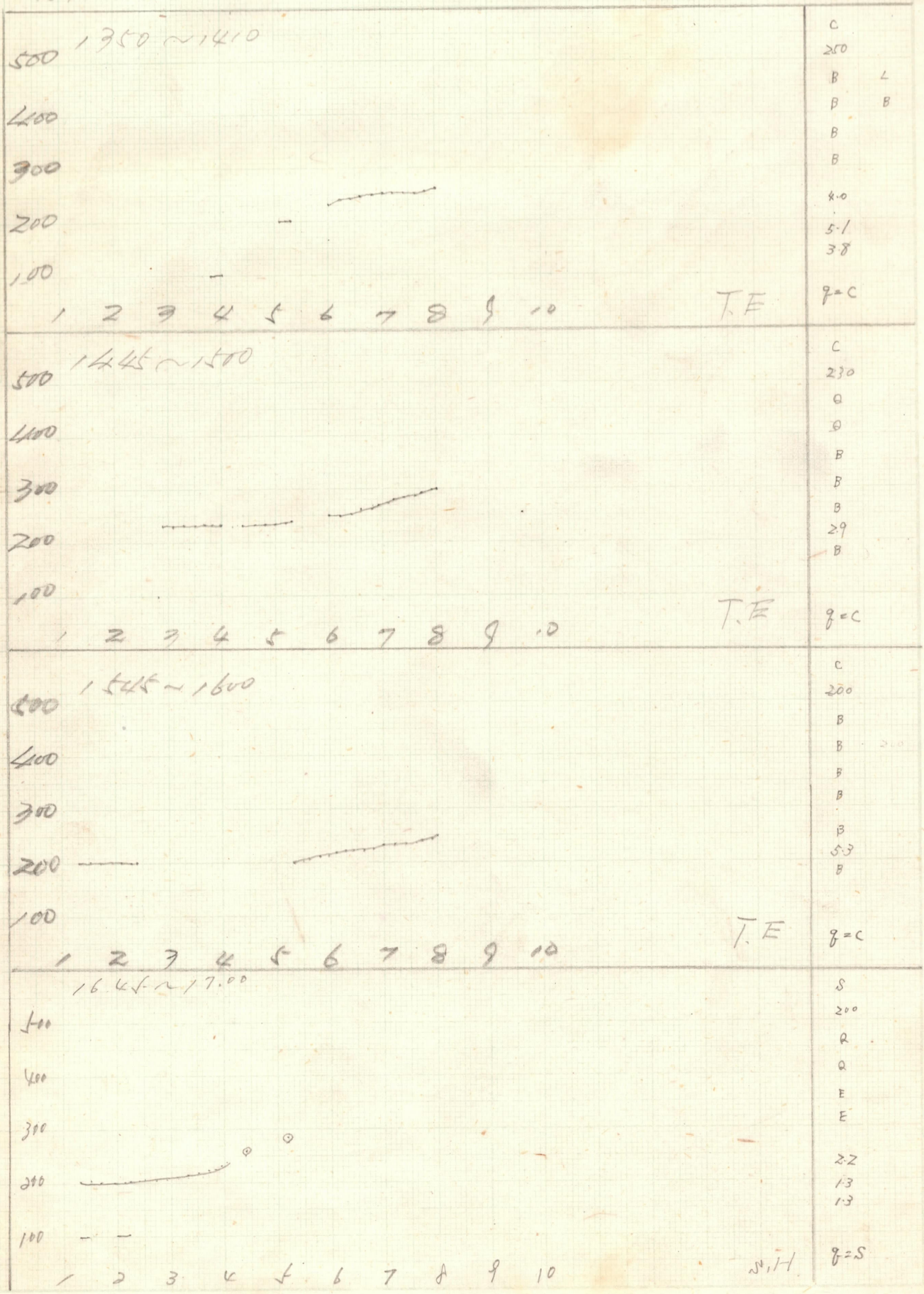
24 NOV. 1947 WAKKANAI No 4697



24 NOV. 1947 WAKKANAI No 4698



24 NOV. 1947 WAKKANAI No 4699



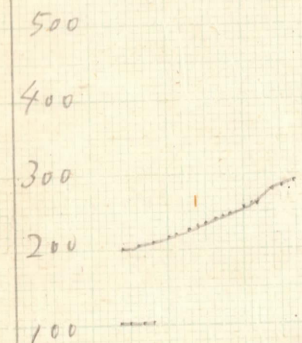
24 NOV. 1947 WAKKANAI No. 4700

17.44 ~ 18.00



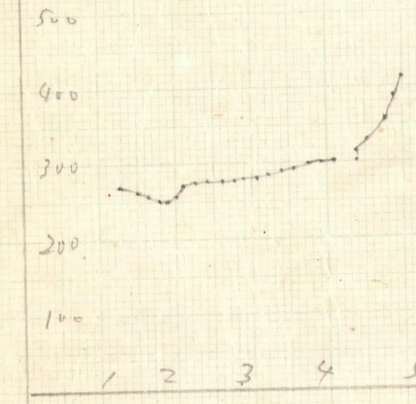
C
220
E
1.3
E
W.H
q=C

18.45 ~ 19.00



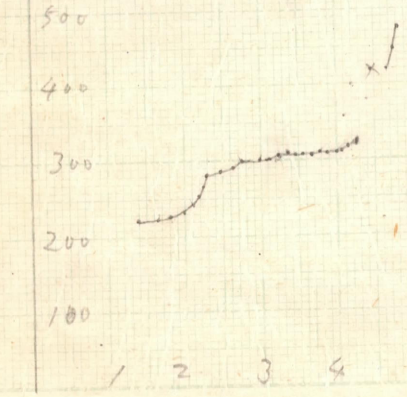
S
200
1.8
1.4
1.4
T.O
q=S

19.50 ~ 20.00



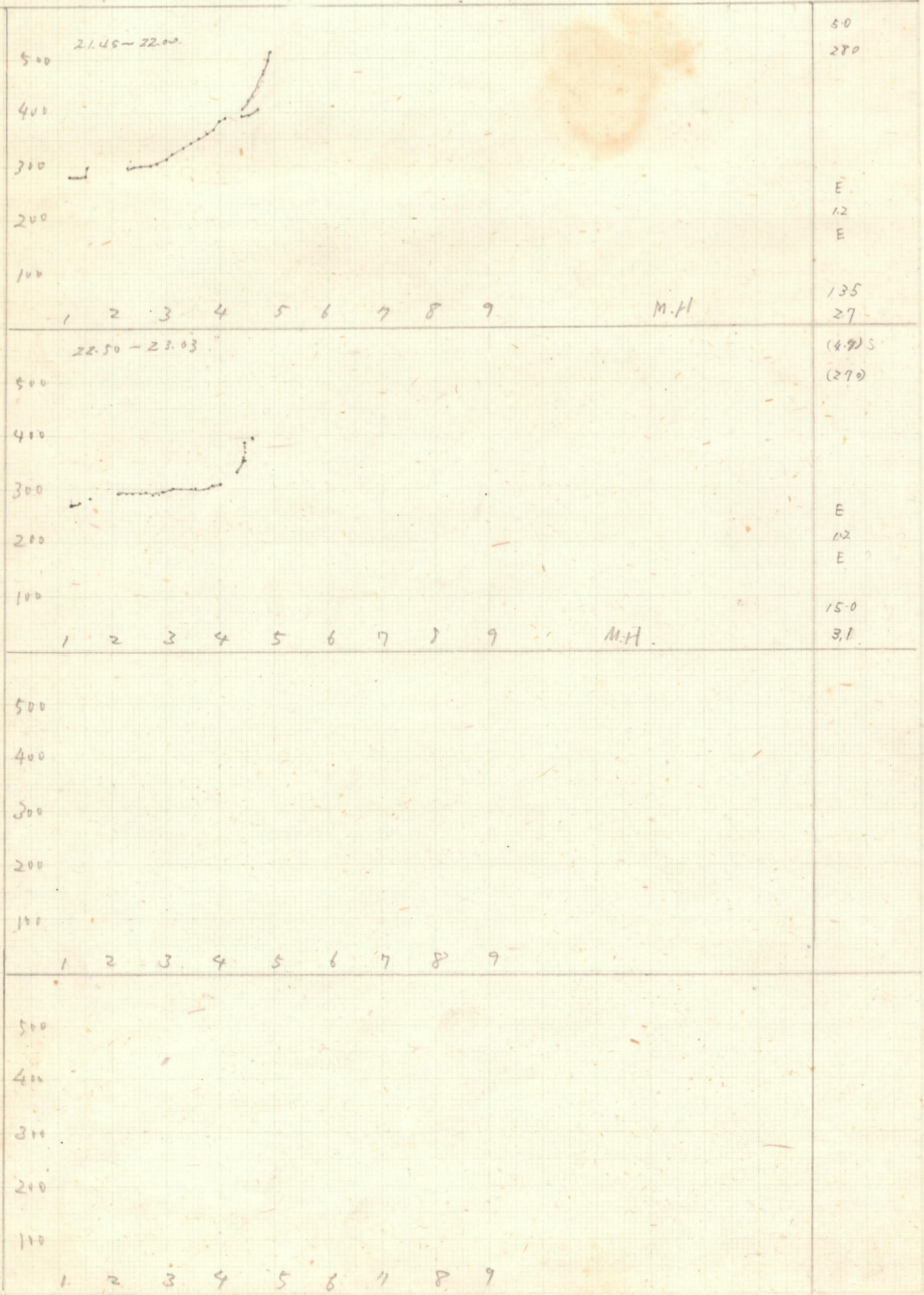
5.0 H
250 H
E
1.3
E
M.H.
q=JH

20.50 ~ 21.00



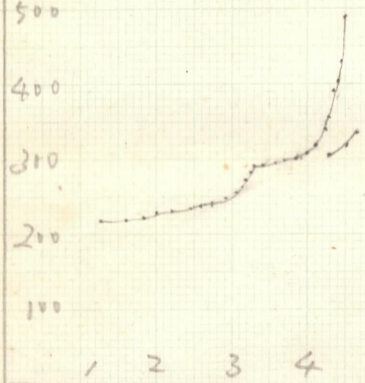
4.8H
220H
E
1.4
E
14.1
2.9H
M.H

24th, NOV. 1947. Wakkanai. No~4701



25th. Nov. 1947 Wakkanai No ~ 4802

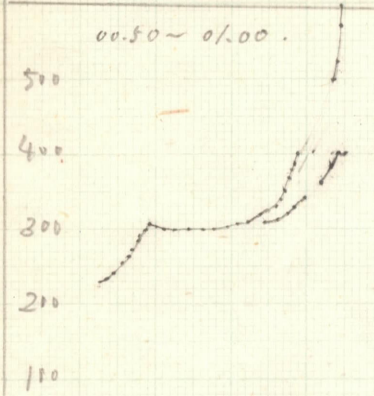
23.50 ~ 00.01



M.H.

8.5 H
220 H
E
1.3
E
14.5
3.2

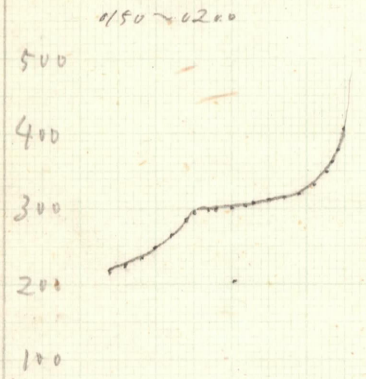
00.50 ~ 01.00



M.H.

4.5 H
230 H
E
1.3
E
12.2
2.7

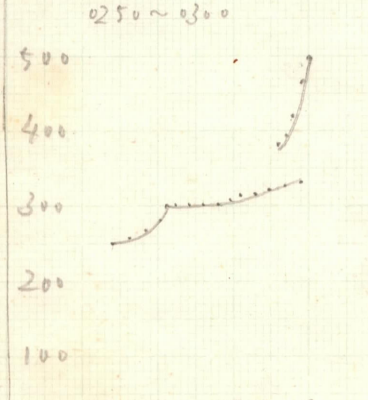
01.50 ~ 02.00



T. O

3.9 JH
220 H
E
1.4
E
8 = JH

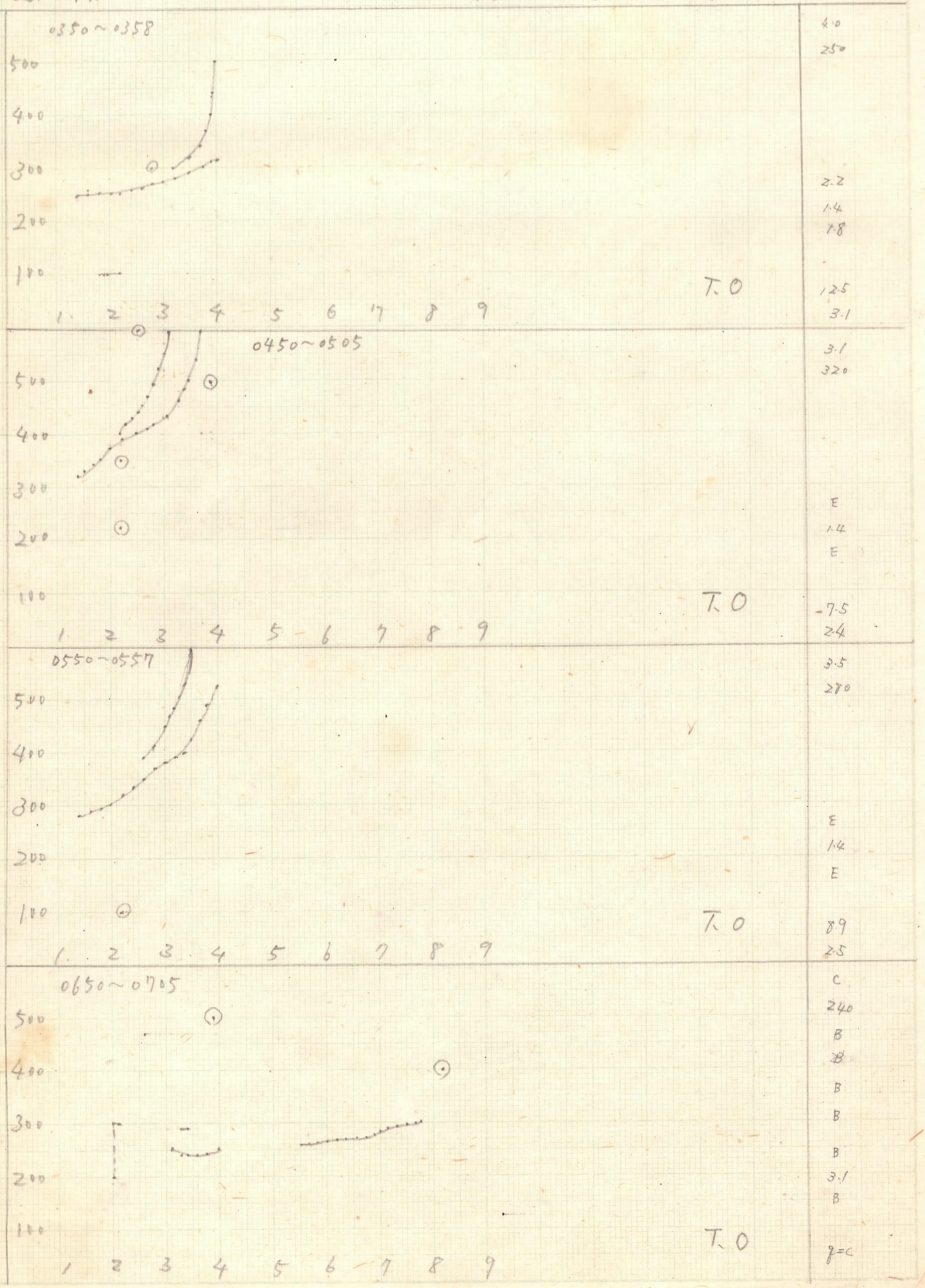
02.50 ~ 03.00



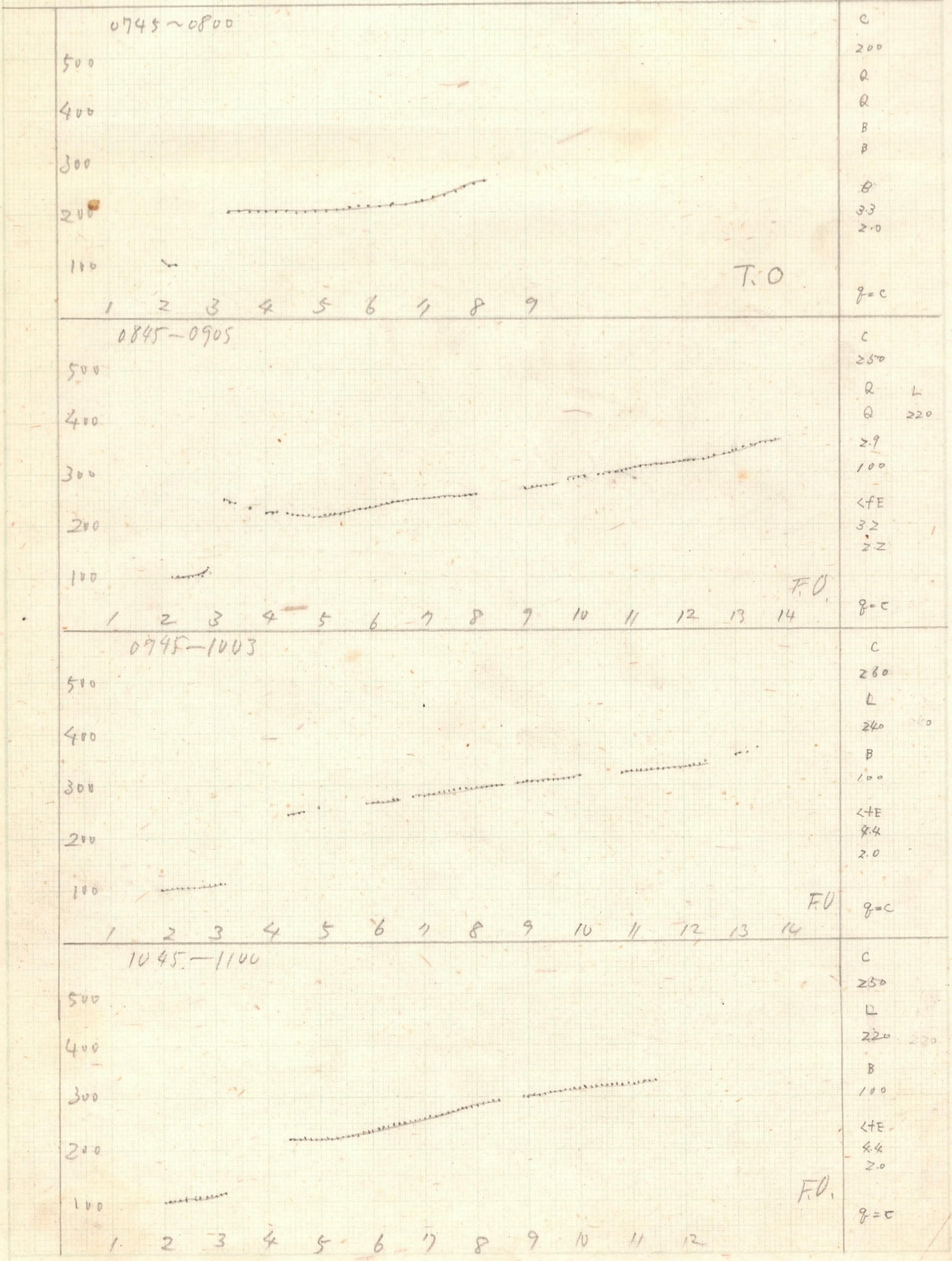
T. O

4.0 H
250 H
E
1.4
E
11.5
2.8

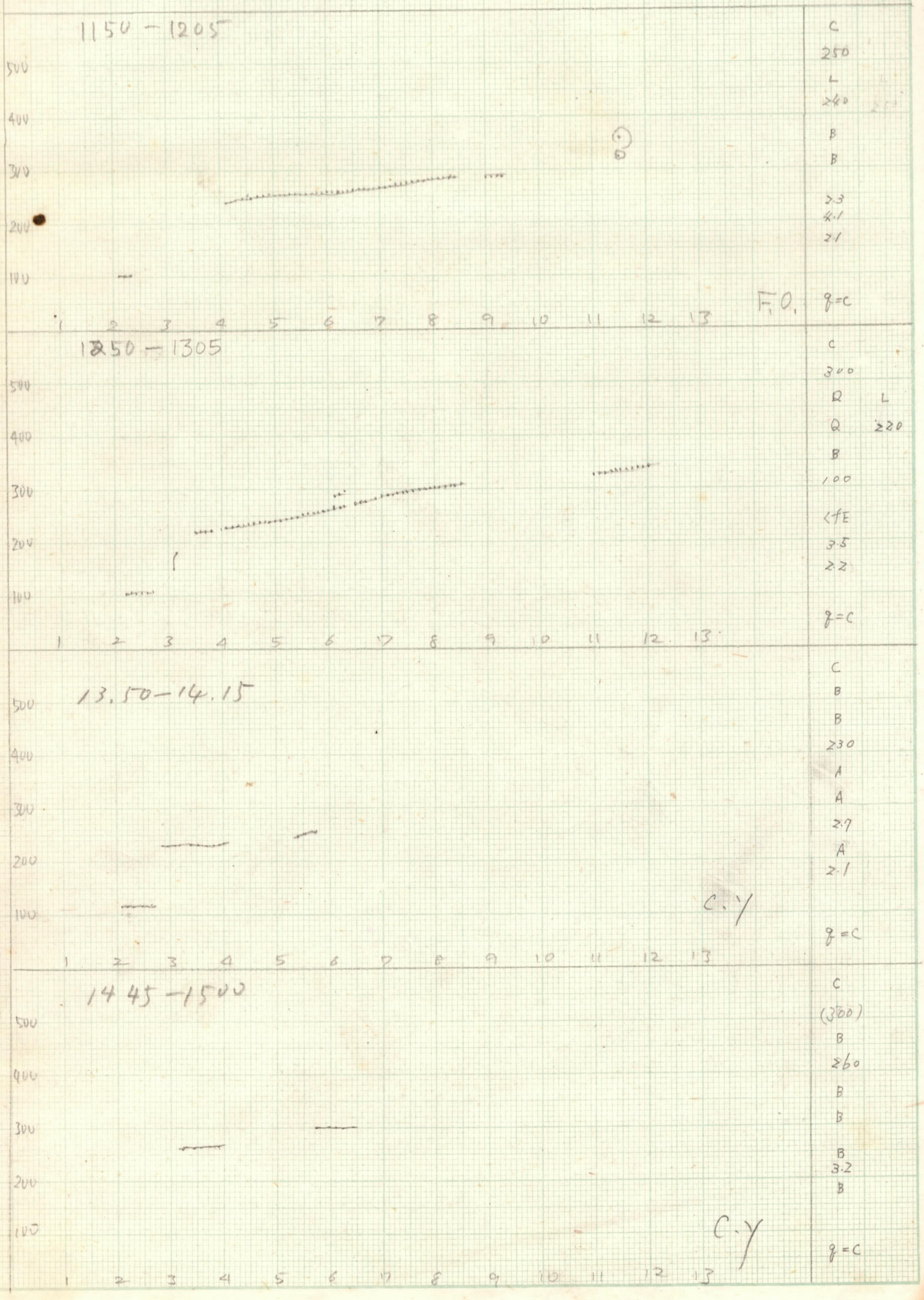
25th. Nov. 1947 Wakkanai No. 4703



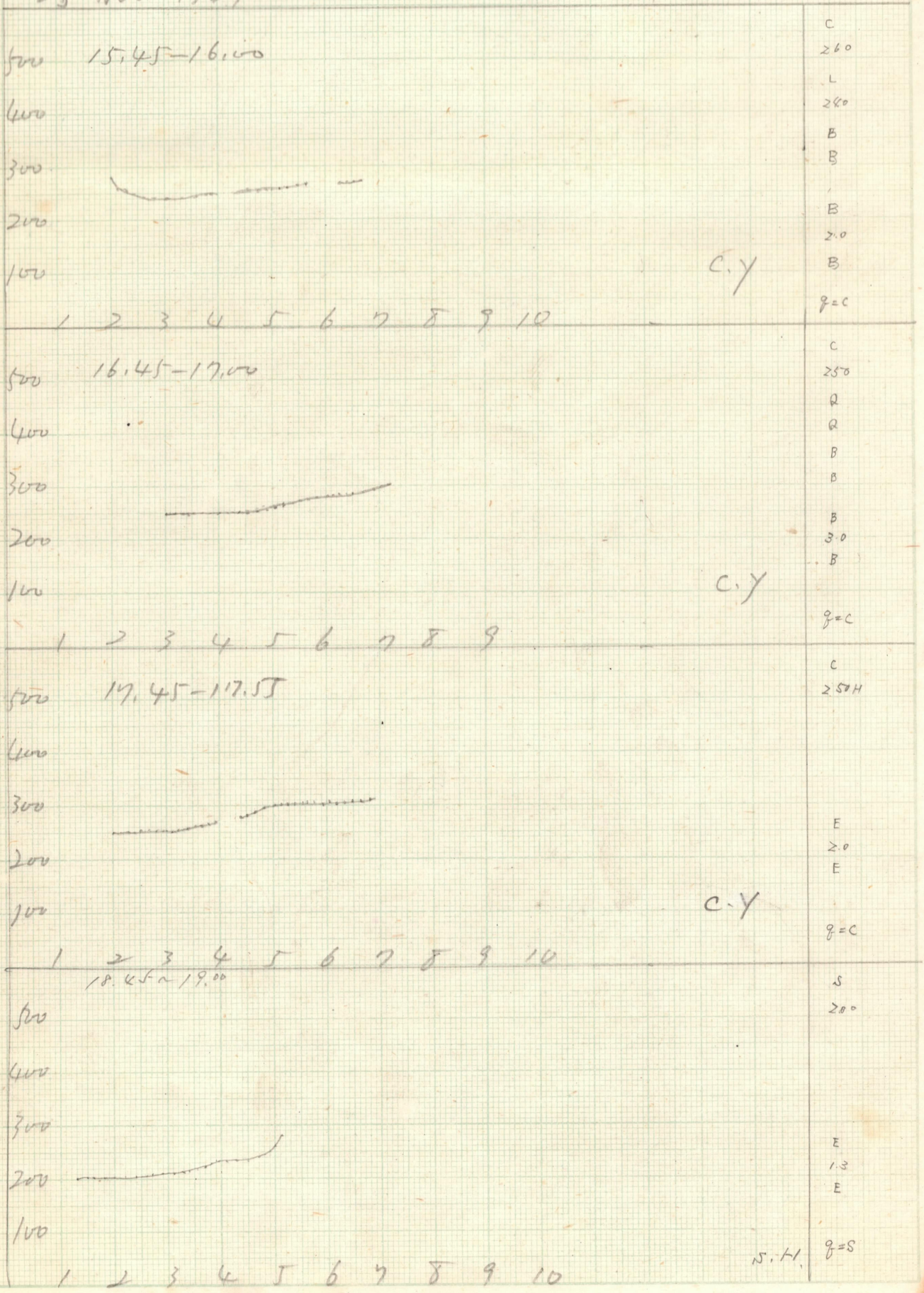
25th Oct 1947 Wakkanai No ~ 4704



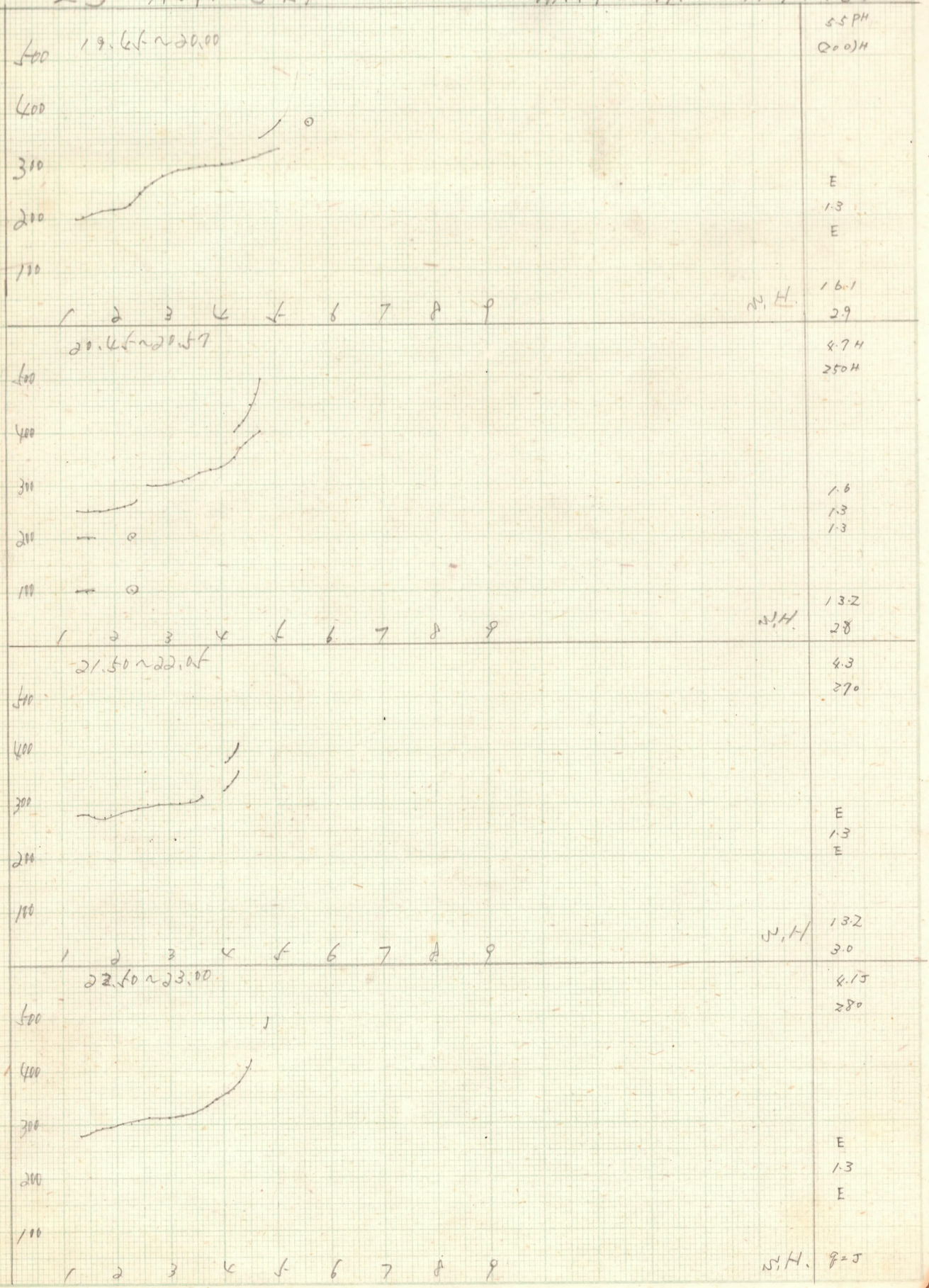
25 NOV. 1947 WAKKANAI VU 4705



25 NOV. 1967 WAKKANAI NO 4706

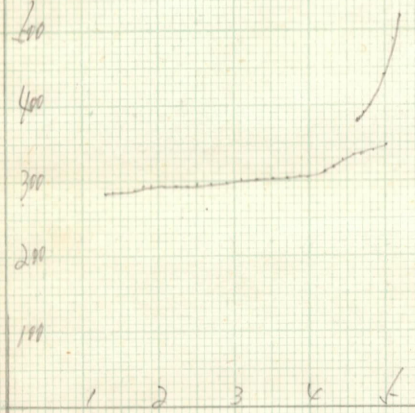


25 NOV. 1947 WAKKANAI No.4707



26 Nov. 1947 WAKKANAI No. 4708

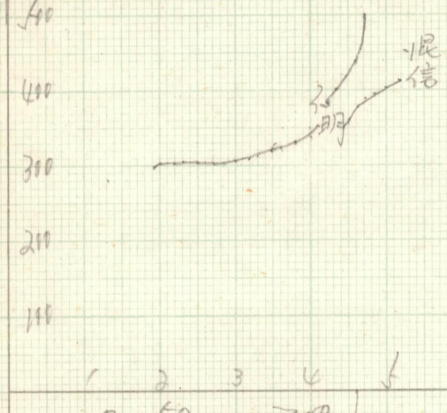
23.50 ~ 00.00



N, H

5.2
2.80
E
1.3
E
15.0
2.9

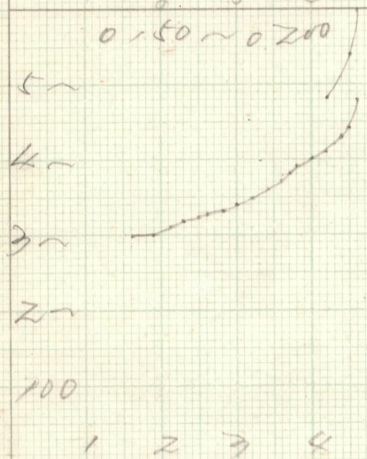
00.50 ~ 01.03



N, H.

4.7
3.00
E
1.9
E
13.6
2.8

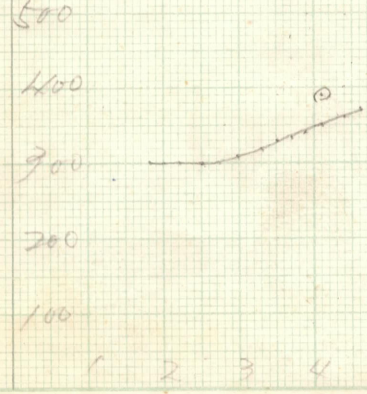
01.50 ~ 02.00



T. E

4.6
3.00
E
1.6
E
11.6
2.5

02.50 ~ 03.10

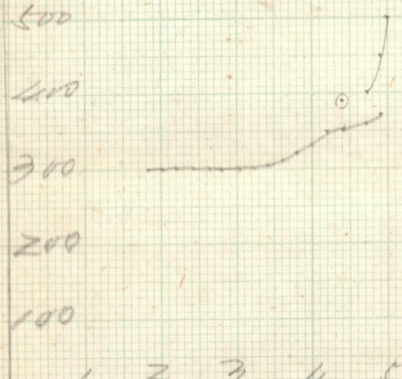


T E

S
3.00
E
1.8
E
9=0

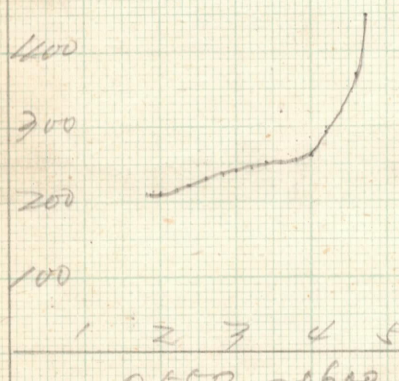
26 NOV 1947　　WAKKANAI　NO 4709

0350～0400



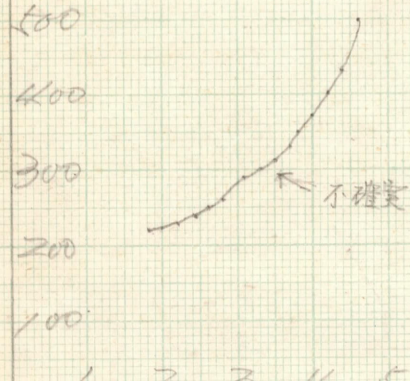
5.0
300
E
1.8
E
T.E
14.7
2.9

0445～0505



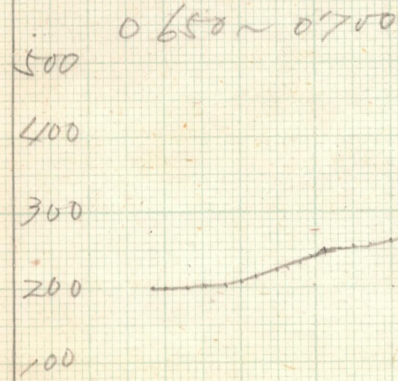
4.7
2.10
E
1.8
E
T.E
15.9
(3.3)

0550～0600



(4.6)
2.20
E
1.8
E
T.E
13.0
(2.8)

0650～0700



C
2.50
Q　L
Q　2.00
B
B
B
1.8
B
T.E
q=c

26 IV 07 1947 WAKKANAI IV0470

0745～0805

500 400 300 200 100

1 2 3 4 5 6 7 8 9 10

C C

A A B B B A B

T.E

q=c

0850～0908

500 400 300 200 100

強い線雪風，ダイセカ断

復旧に手間どり，1分休止 (1530頃)

Echo不明

T.O

1 2 3 4 5 6 7 8 9 10

15.50～16.00

500 400 300 200 100

C 280 L 220 B B B 1.8 B

M.H.

q=c

1 2 3 4 5 6 7 8 9 10

16.50～17.00

500 400 300 200 100

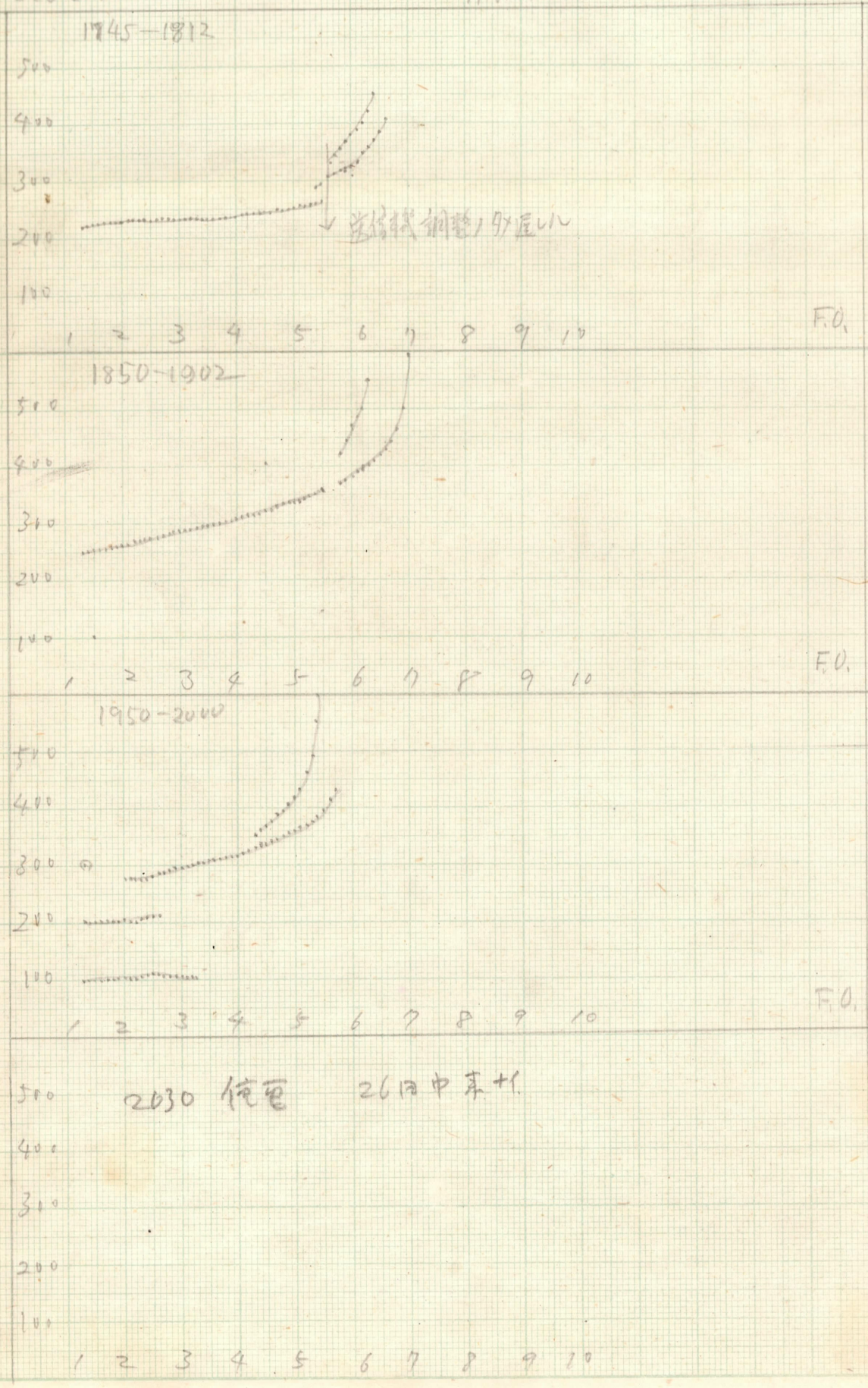
C 250 L 220 B B B 1.3 B

M.H.

q=c

1 2 3 4 5 6 7 8 9 10

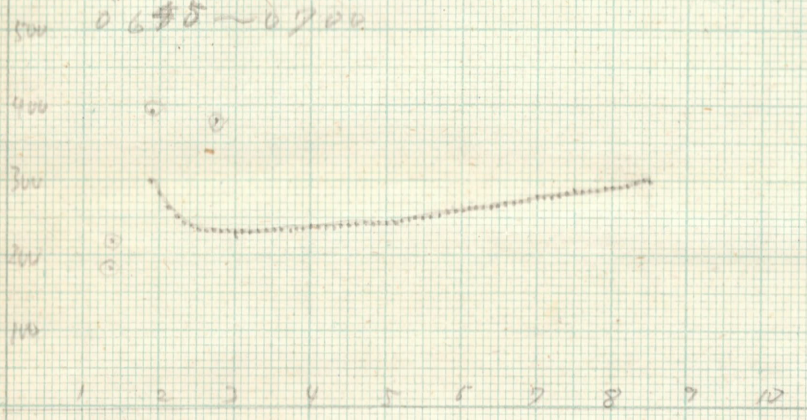
26th. Nov. 1947 WAKKANAI No~4711



27th NOV. 1947 WAKKANAI NO 4712

26 NOV 1947 2030 — 27 NOV 1947 630 1回停電

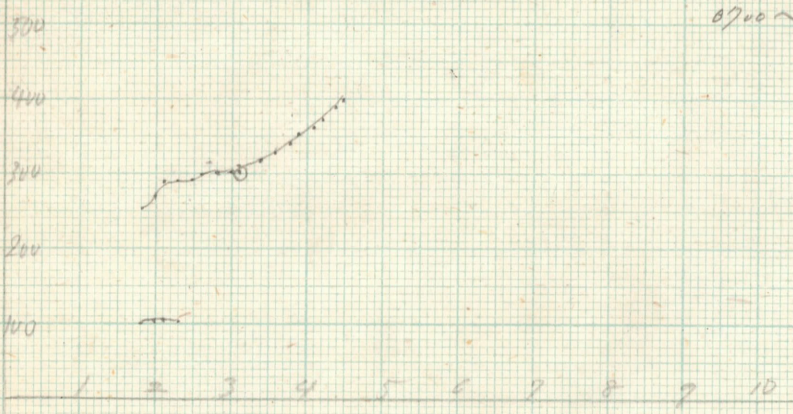
0645 ~ 0700



C
230
E
E
E
1.9
E
F.O. q=c

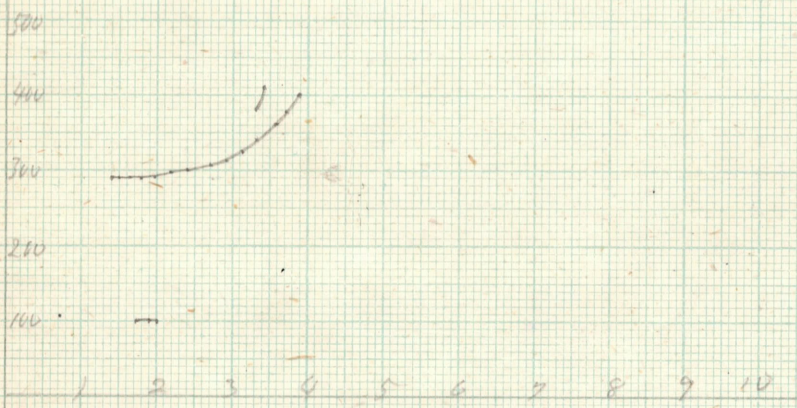
2150 ~ 2200

0700 ~ 2130 1回停電

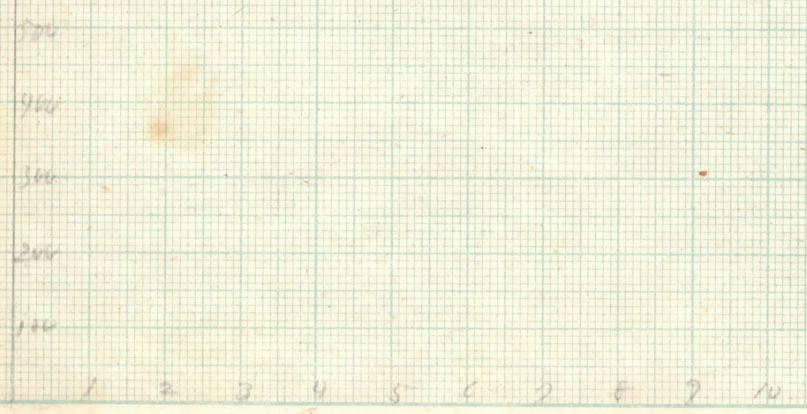


C
(250)
2.3
1.8
1.8
T.O q=c

2250 ~ 2255

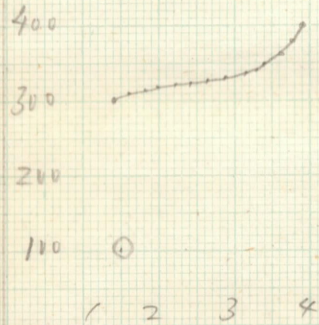


3.5
290
2.0
1.4
1.7
T.O 10.5
3.0



28th, Oct 1947 Wakkanai No~4713

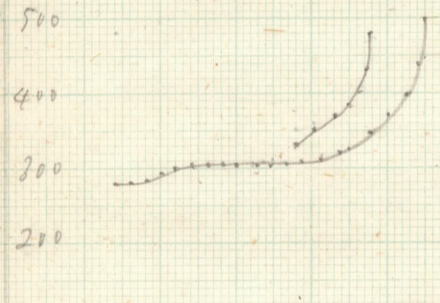
2350~2357



T.O

4.0
3.0
E
1.4
E
12.1
3.0

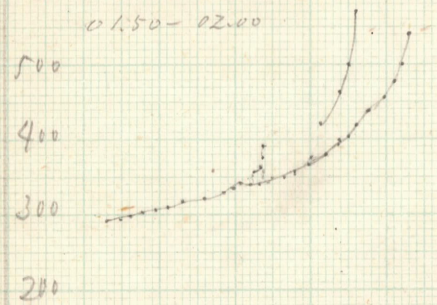
0050~0102



T.O

4.8
≥80
E
1.4
E
13.2
2.7

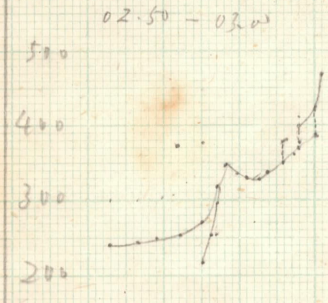
0150~0200



M.H

4.6
≥90
E
1.3
E
12.4
2.7

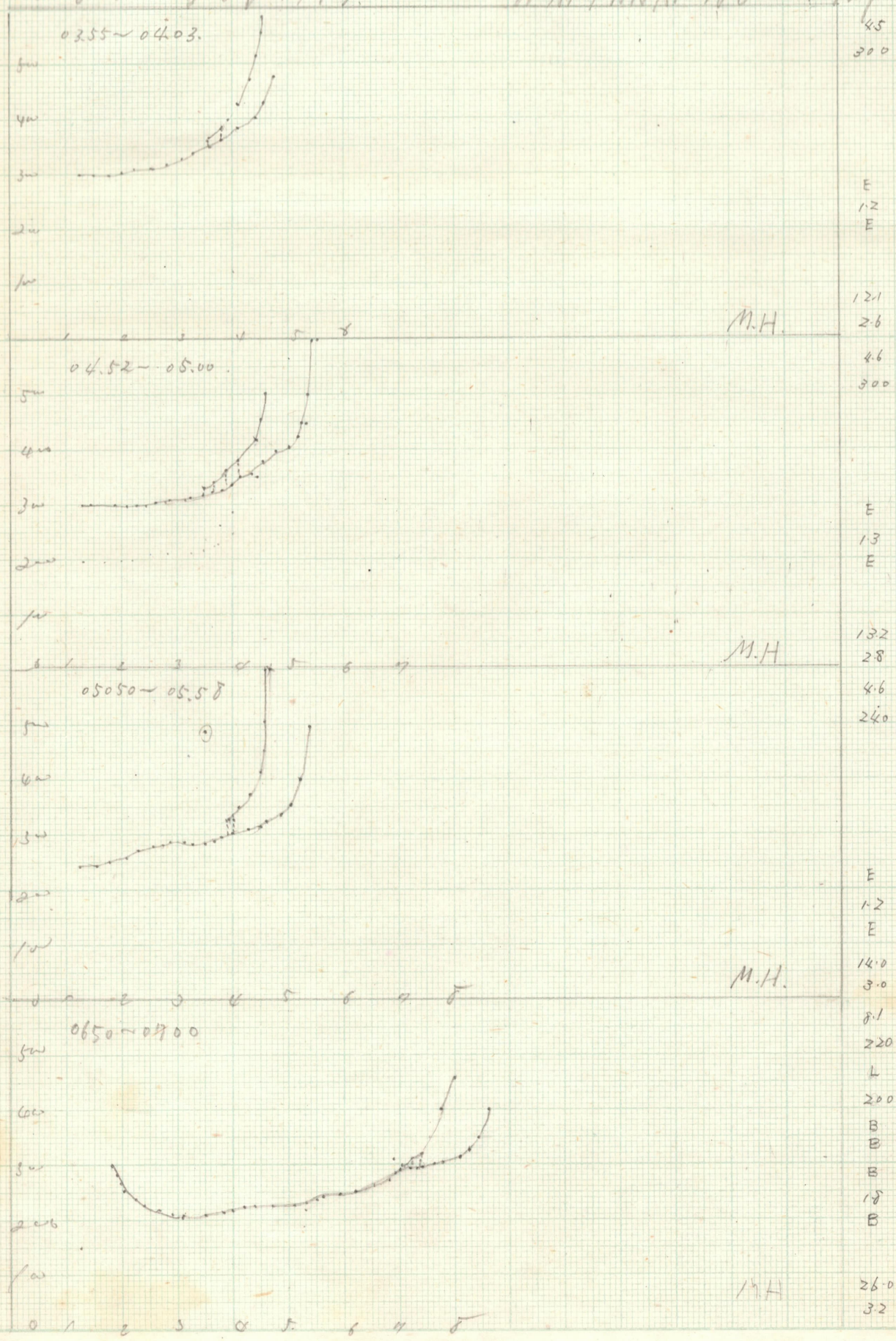
0250~0300



M.H.

4.1 F
240 H
E
1.3
E
12.0
(2.9) F

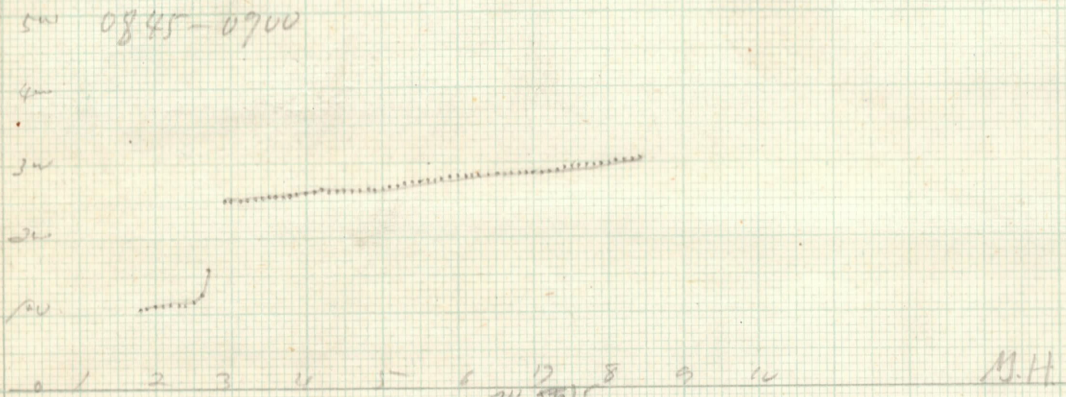
28th NOV 1947. WAKKANAI No~4714



28th Nov 1947 WAKKANAI No 4715

0730—0810 1回待電

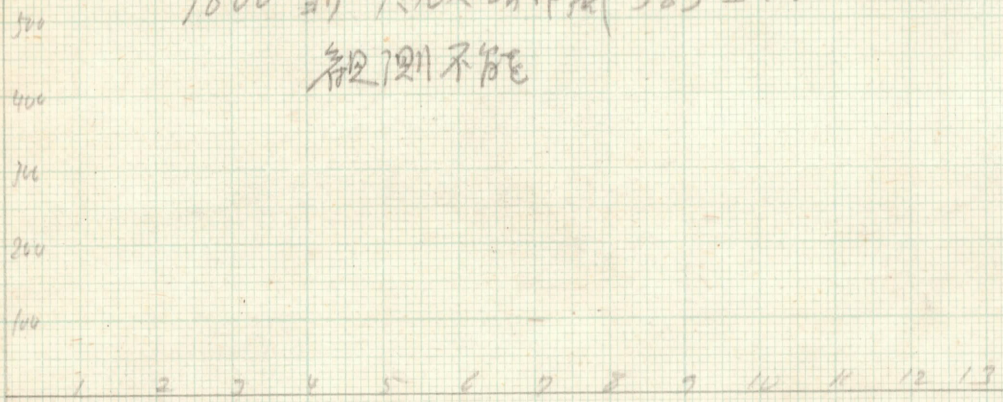
0845—0700

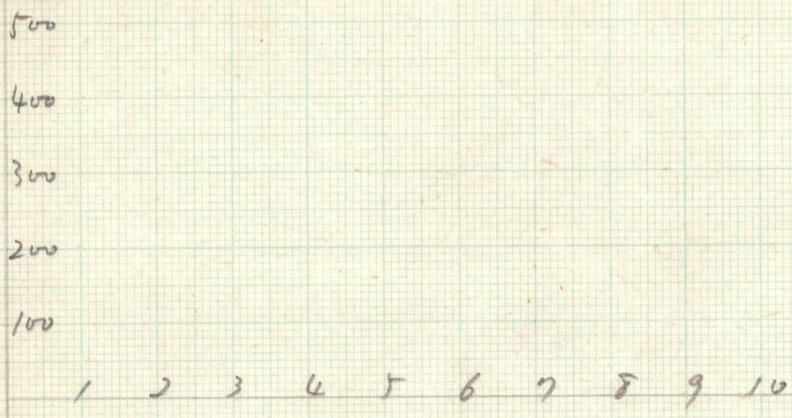


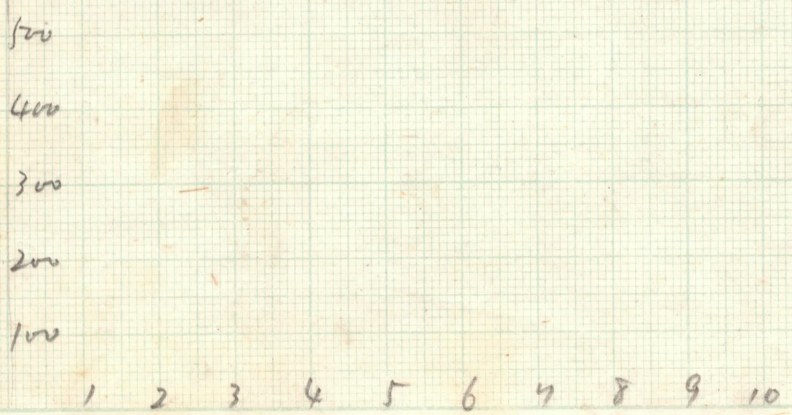
C
250
Q
Q
2.7
100
L+E
2.9
1.8
q=C

1000 ヨリ パルス 発振 増巾 583 エミレコン 以下

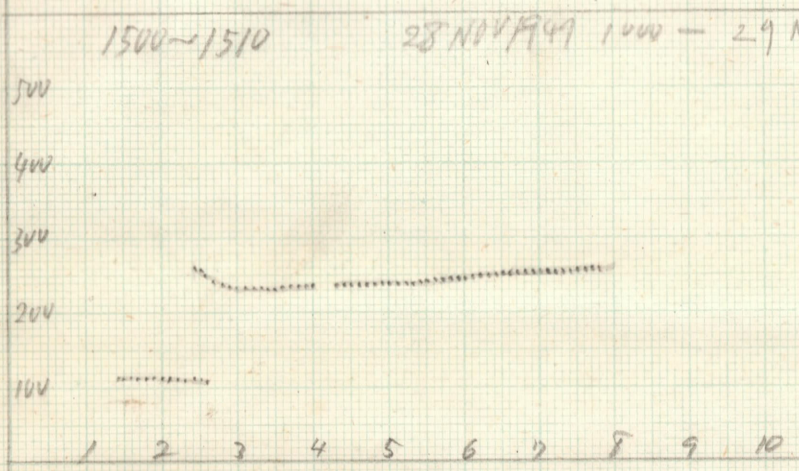
観測不能



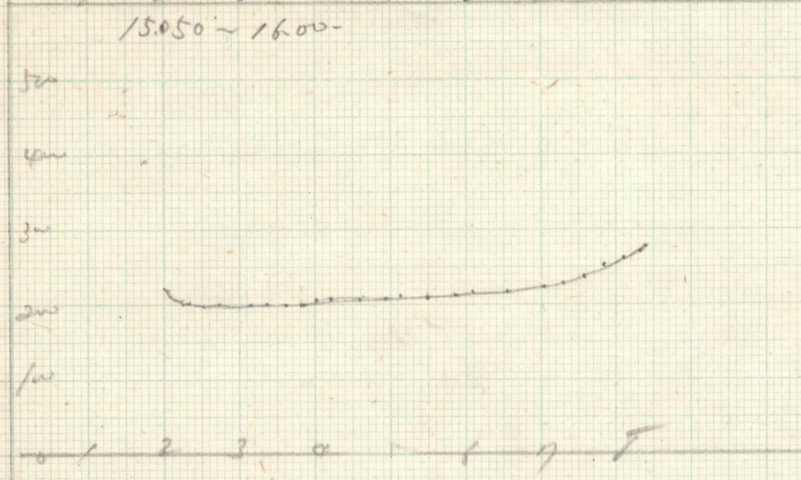




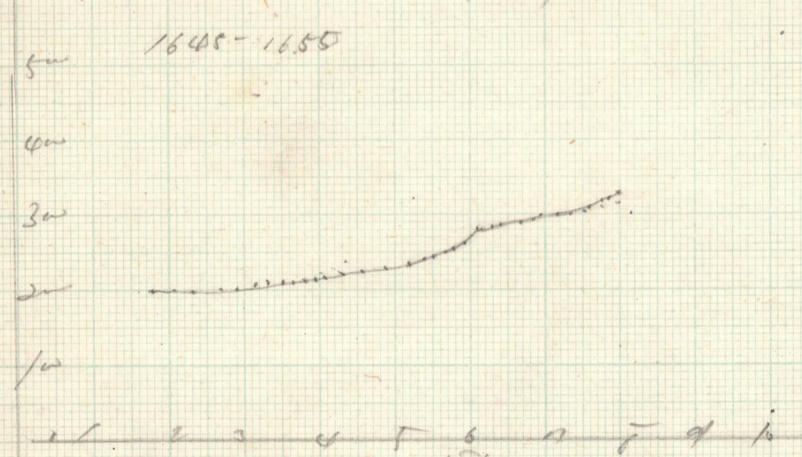
29 NOV. 1947 WAKKANAI NO 4716



C
230
Q
Q
A
A
2.6
2.4
1.4
F.O.
q=c

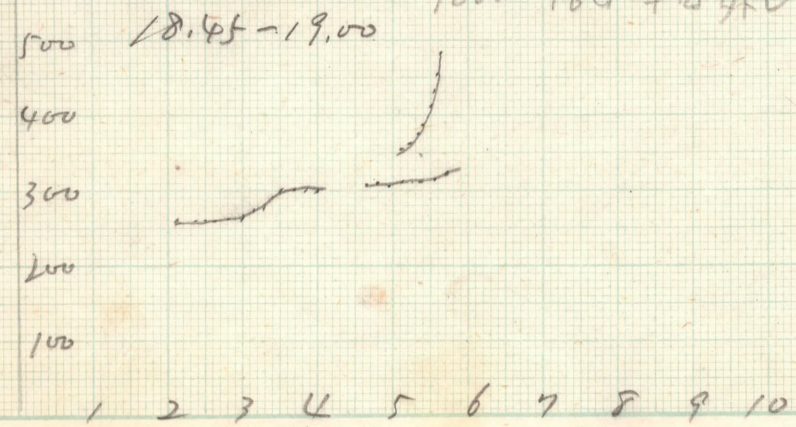


C
200
Q
Q
B
B
B
2.0
B
q=c
M.H.



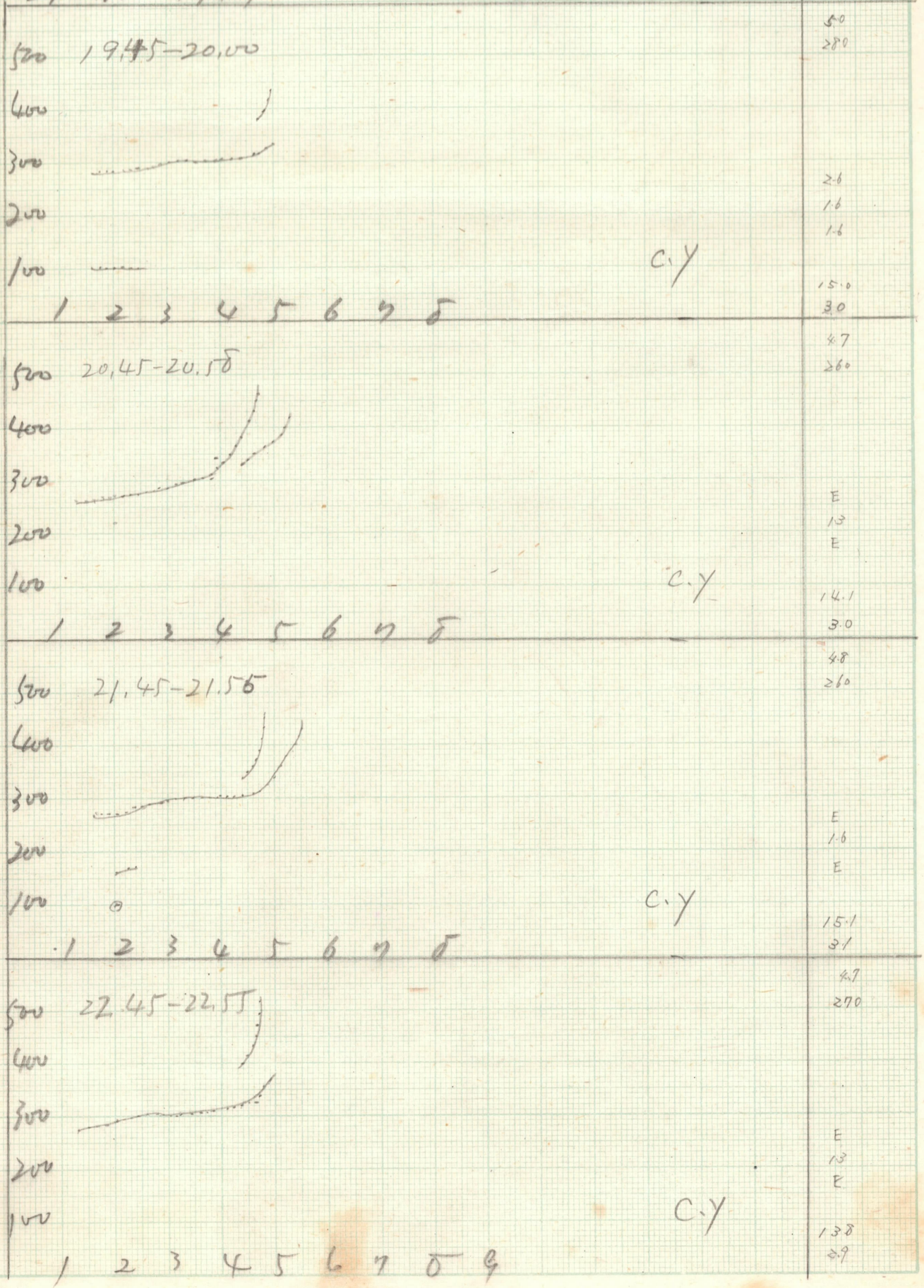
C
200
Q
Q
B
B
B
1.8
B
M.H
q=c

1800 16G 半日外レ欠測

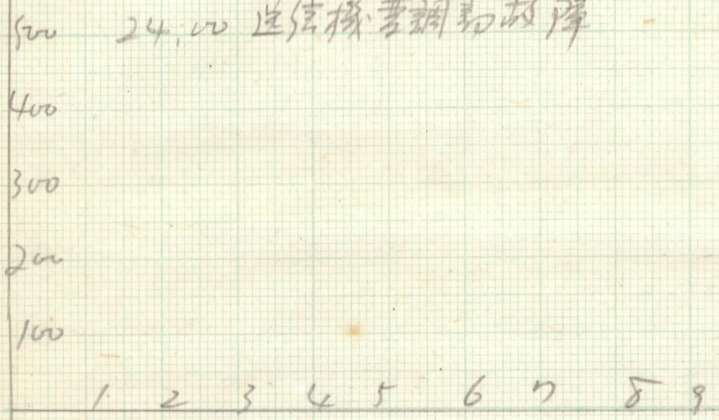


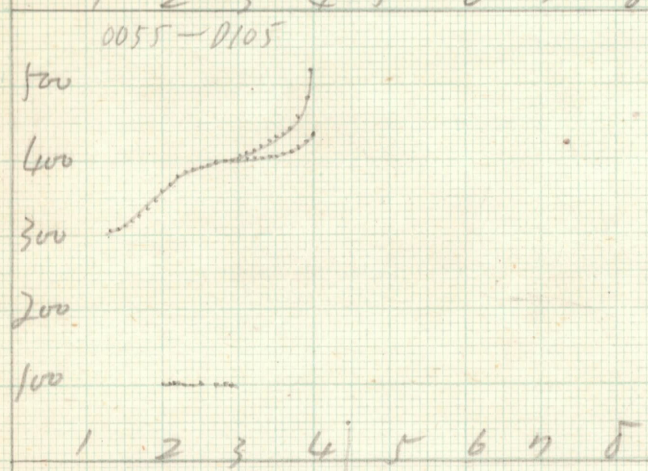
5.6
26.0
E
2.1
E
C.Y
17.2
3.0

29. Nov. 1947 WAILKANAI No 4717



30 NOV. 1947 WAKKANAI NO 4718

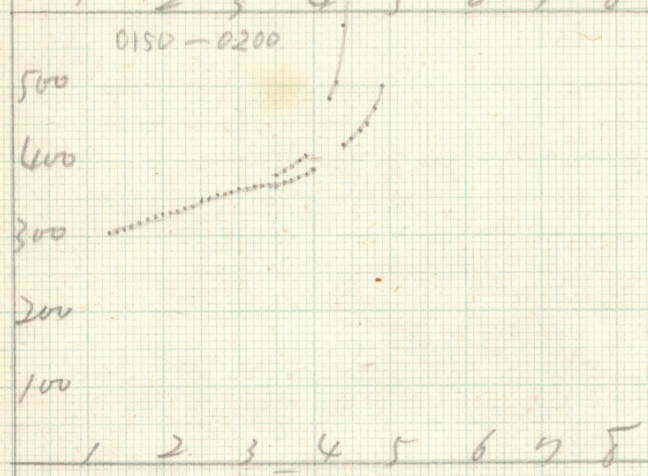




4.0
3.0

3.0
1.3
日 2.0

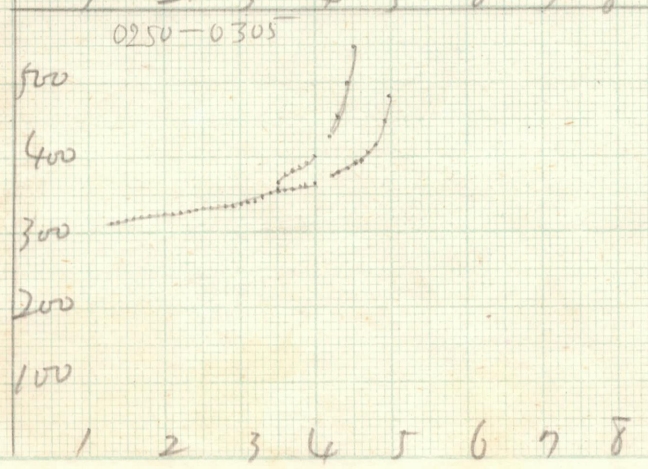
F.O. 10.9
2.7



4.5
3.00

E
1.3
E

F.O. 11.6
2.5



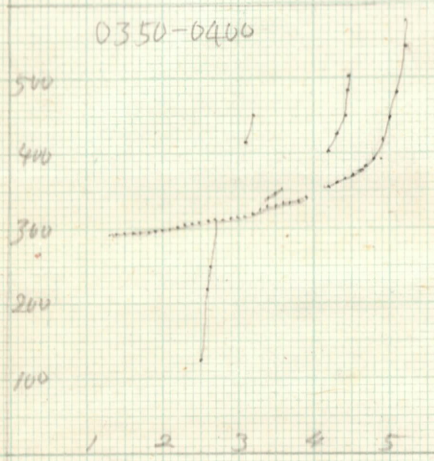
4.5
3.10

E
1.3
E

F.O. 12.4
2.7

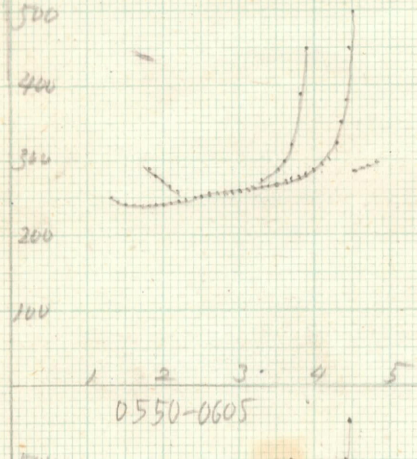
30 NOV. 1947 WAKKANAI NO 8719

0350-0400



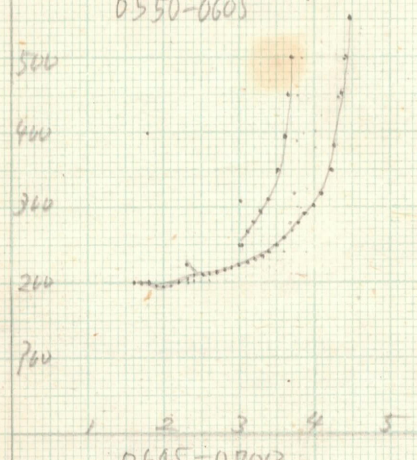
8.5
290
E
1.3
E
F.O. 13.0
2.8

0450-0505



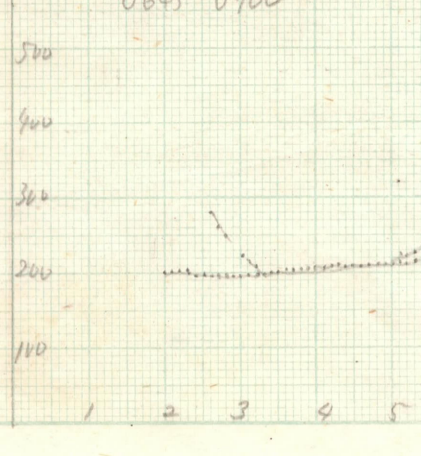
3.9
280
E
1.3
E
F.O. 13.1
3.3

0550-0605



3.7
200
E
1.6
E
F.O. 12.1
3.2

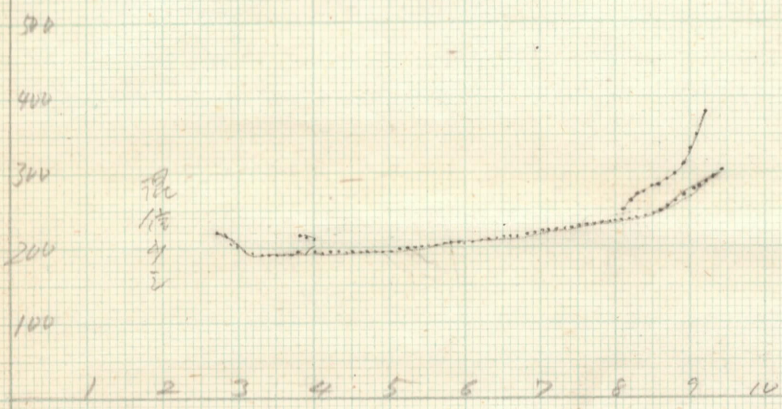
0645-0700



7.0
200
Q
Q
B
B
B
2.0
B
F.O. 23.0
3.2

30 NOV. 1947 WAKKANAI NO 4720

0745-0800



F.O

93
190
Q
Q
S
S
S
2.7
S
33.0
3.5

0856~0907

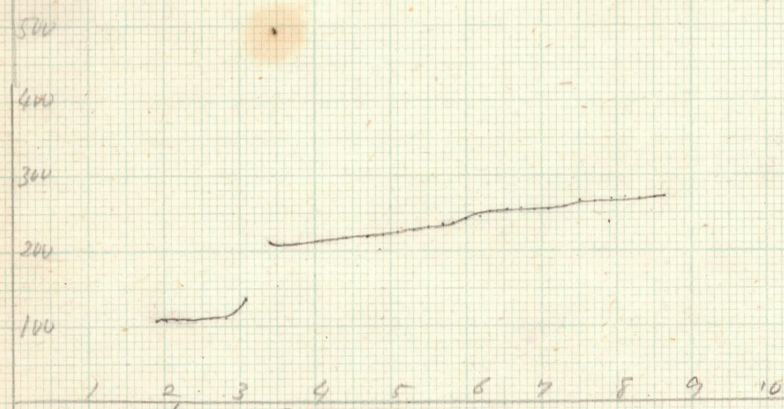
受信機不良ニテ調整シオクレテ測定ス、



T.S

C
200
Q
Q
3.0
100
<fE
3.0
2.6
q=C

9.50~10.01

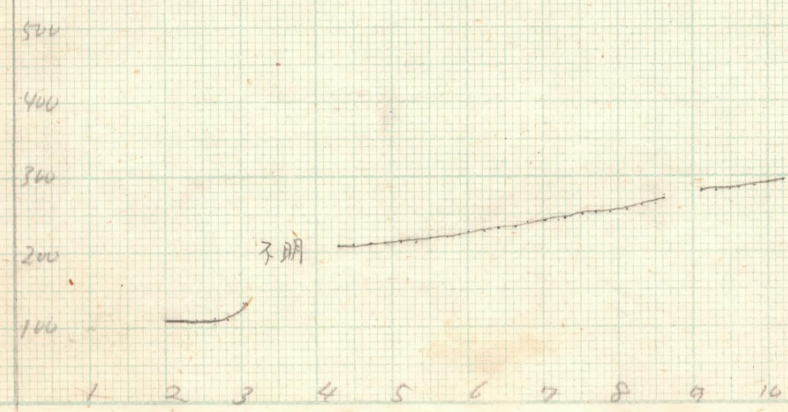


S.H.

C
250
Q
Q
3.1
110
<fE
3.4
1.9
q=C

L
210

10.50~11.00

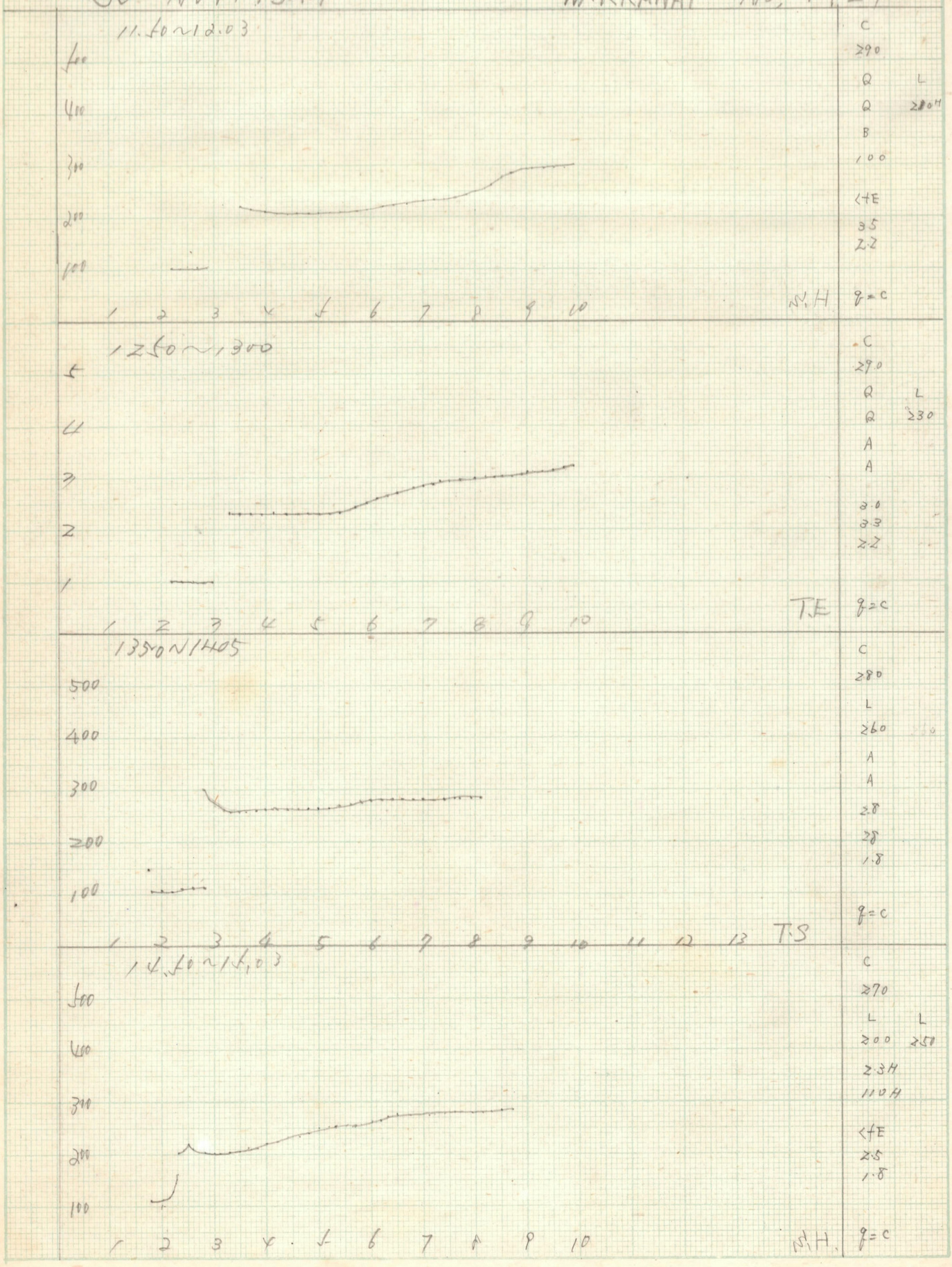


S.H.

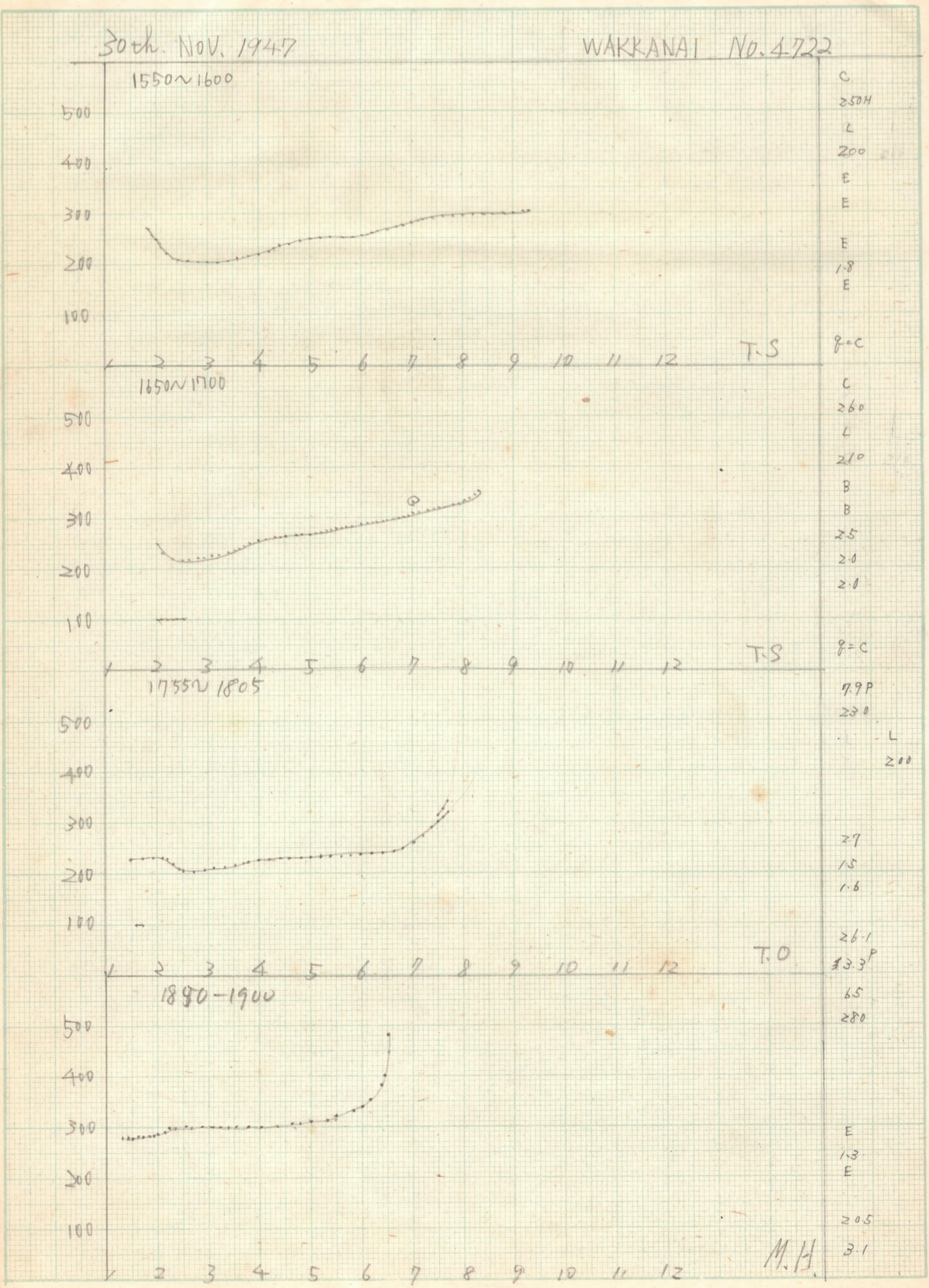
C
250
Q
Q
B
110
<fE
4.3
2.0
q=C

L
210

30 NOV. 1947 NAKKANAL No. 4721



30th. NOV. 1947 WAKKANAI No. 4722



30th Nov 1909 WAKKANAI No 4923

