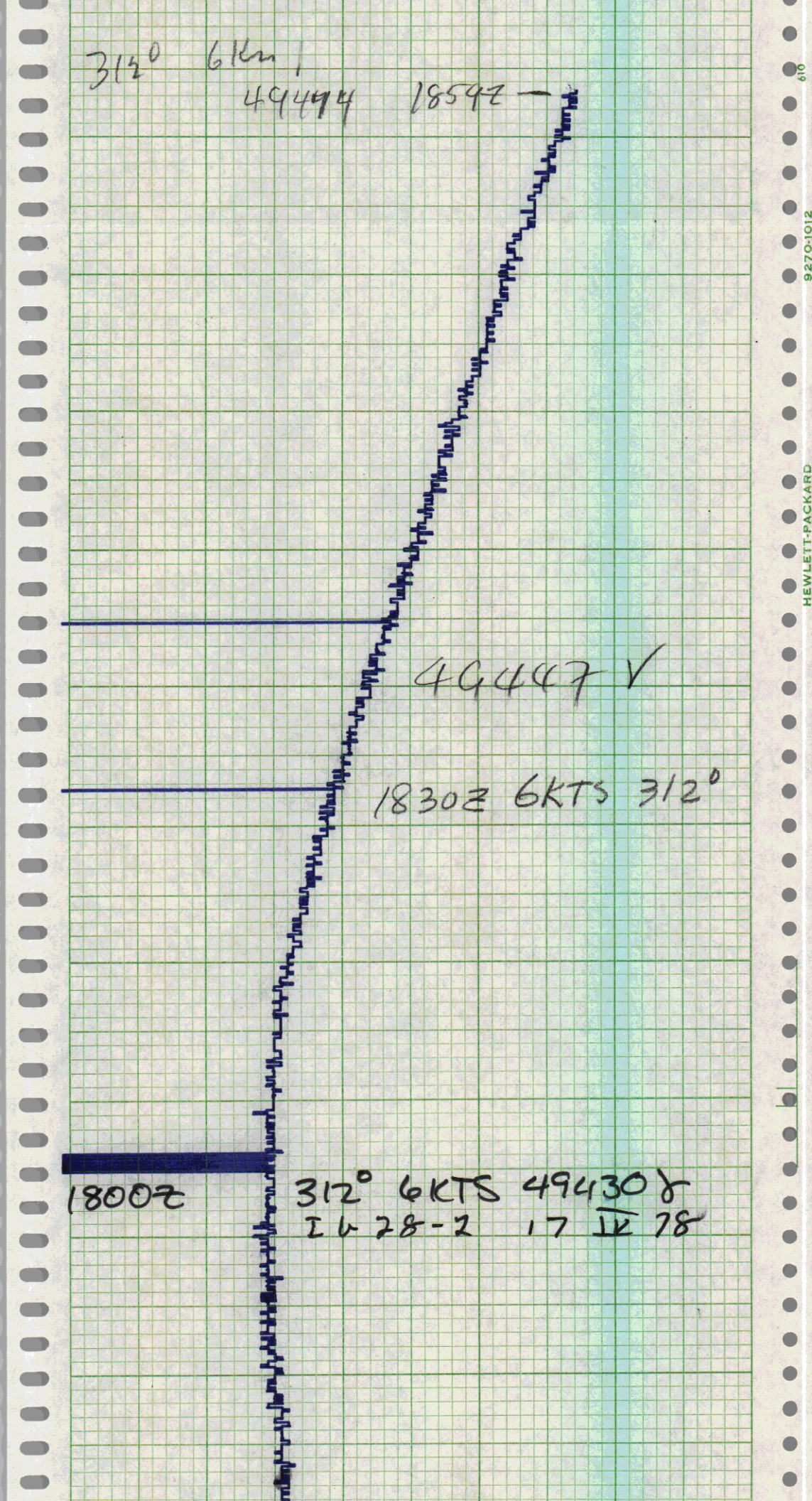
4-8221

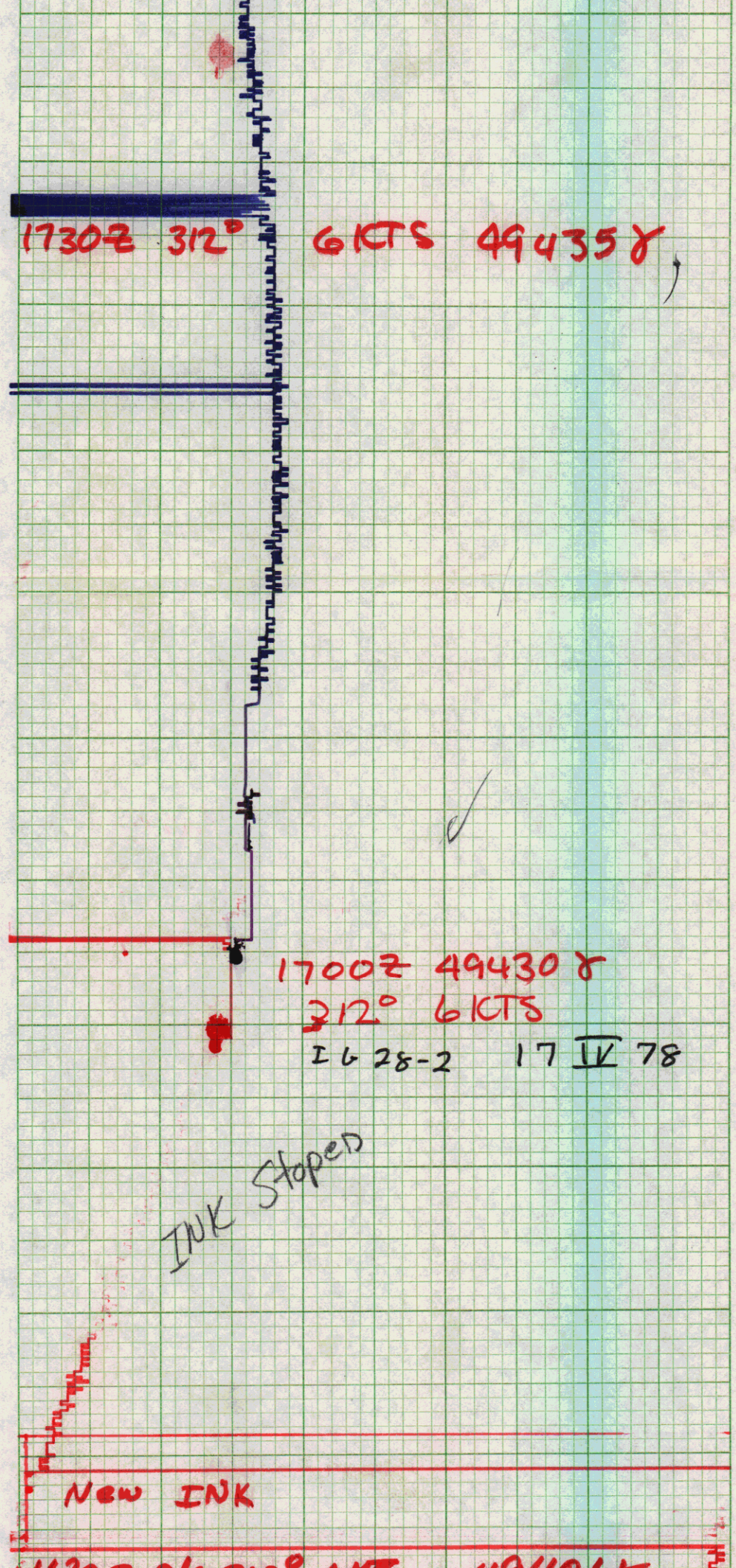
PROTON MARINE
MAGNETOMETER

BEGIN: Ib 28-1 00282
11 IV 78

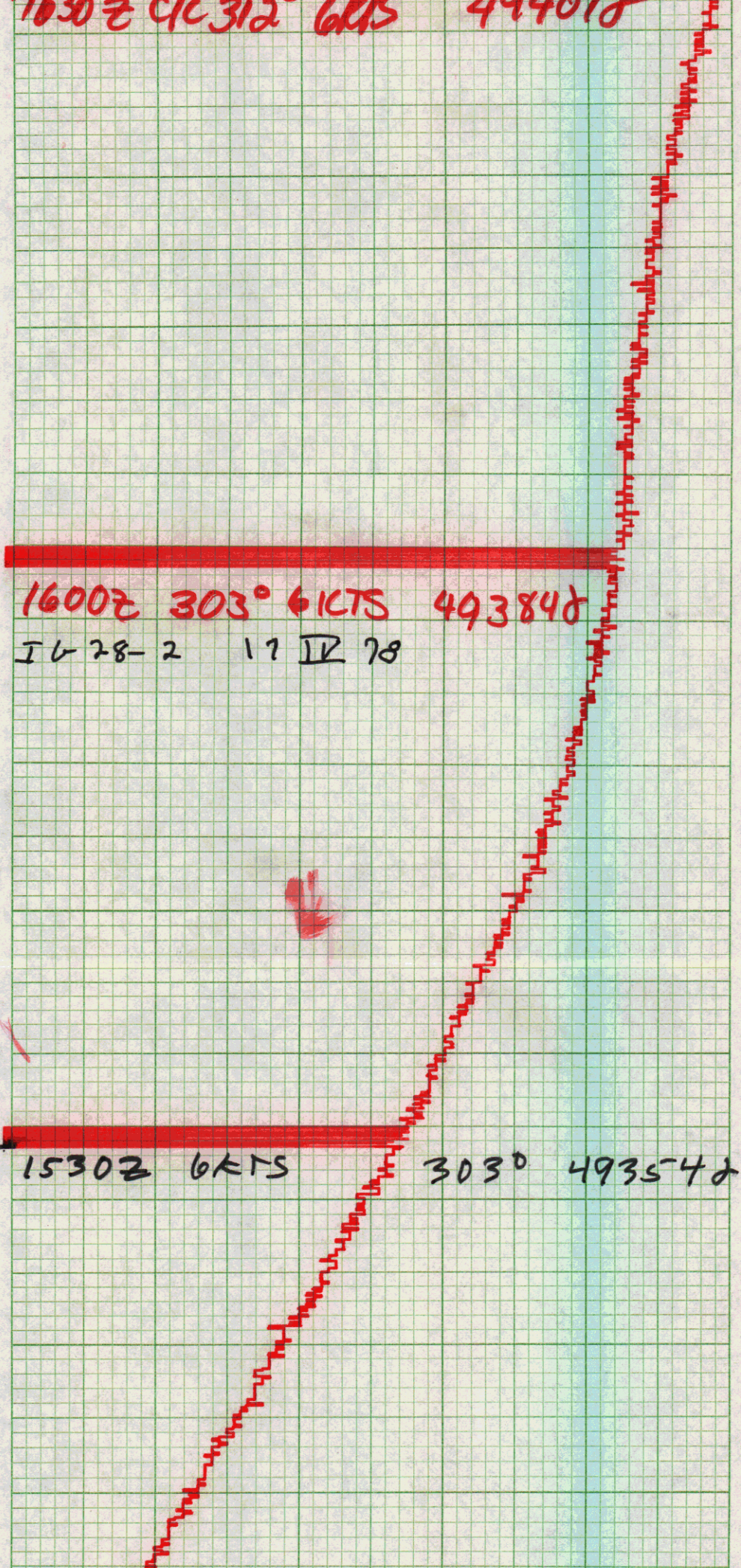
END: Ib 28-2 17 IV 78

HEWLETT-PACKARD


312° 6kn
49494 1854Z
49497 V
1830Z 6KTS 312°
1800Z
312° 6KTS 49430 δ
IL 28-2 17 IV 78


17302 312° 6KTS 49435 8
17002 49430 8
312° 6KTS
I 6 28-2 17 IV 78
INK Stoped
New INK

1630Z CIC 312° 6KTS 494018

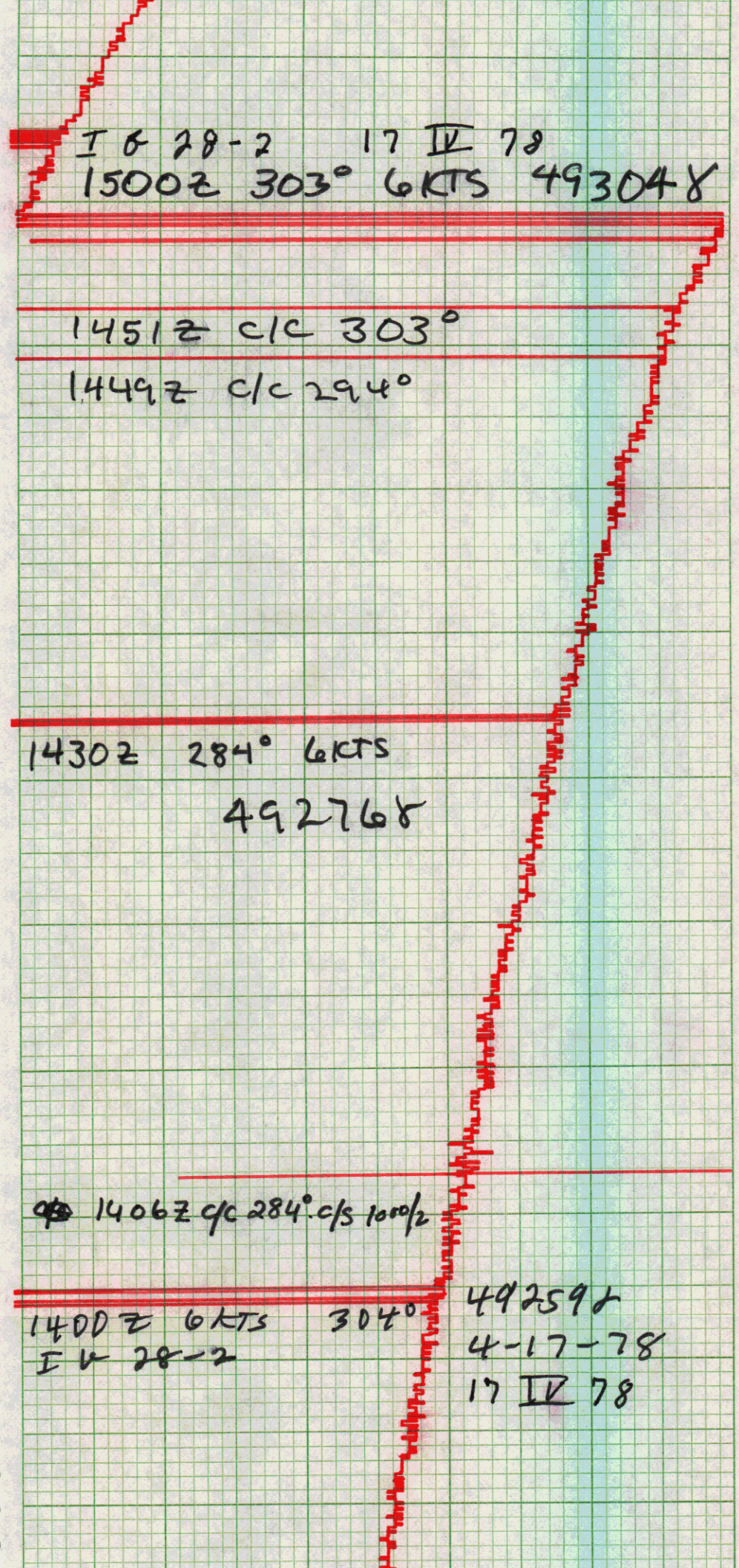


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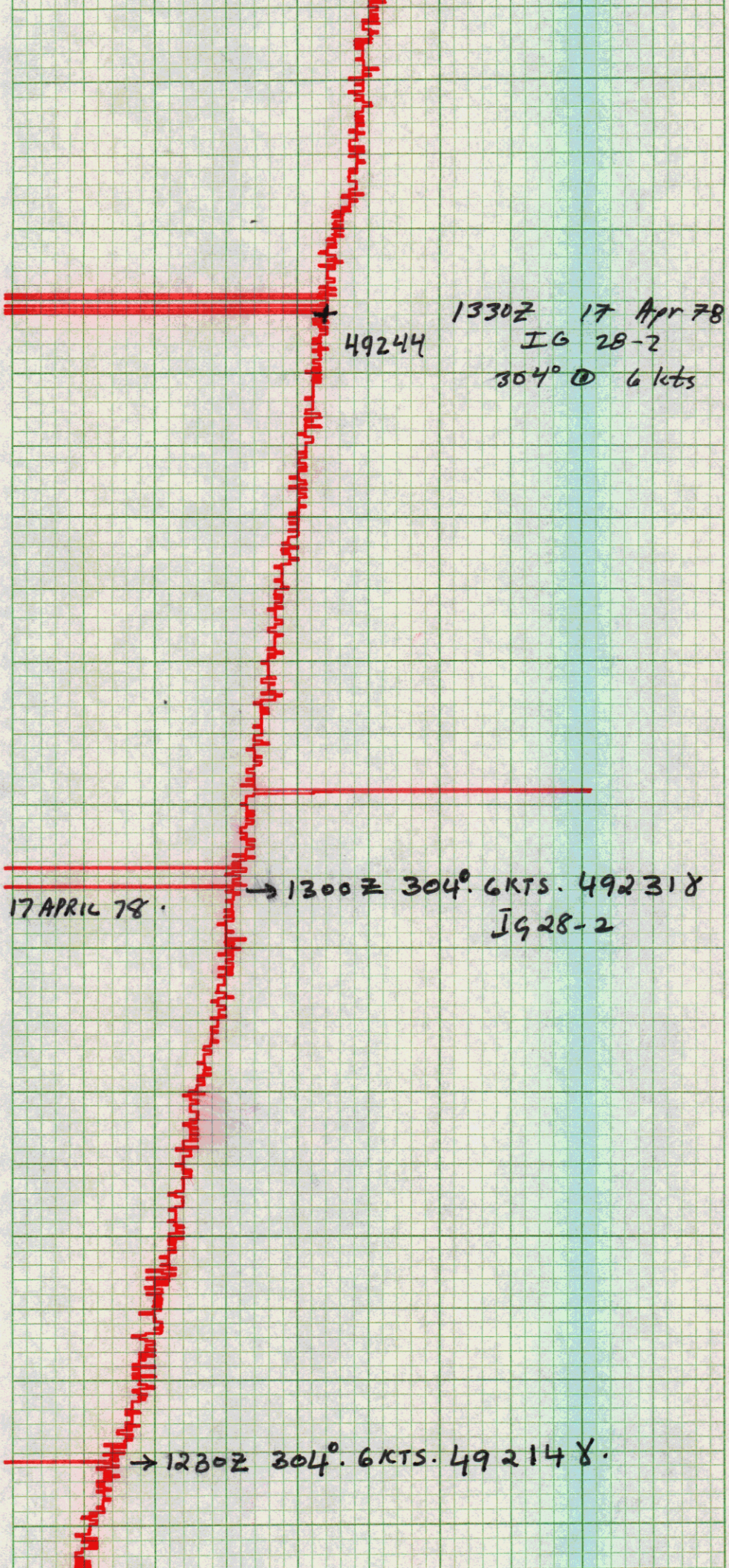
IV 28-2 17 IV 78

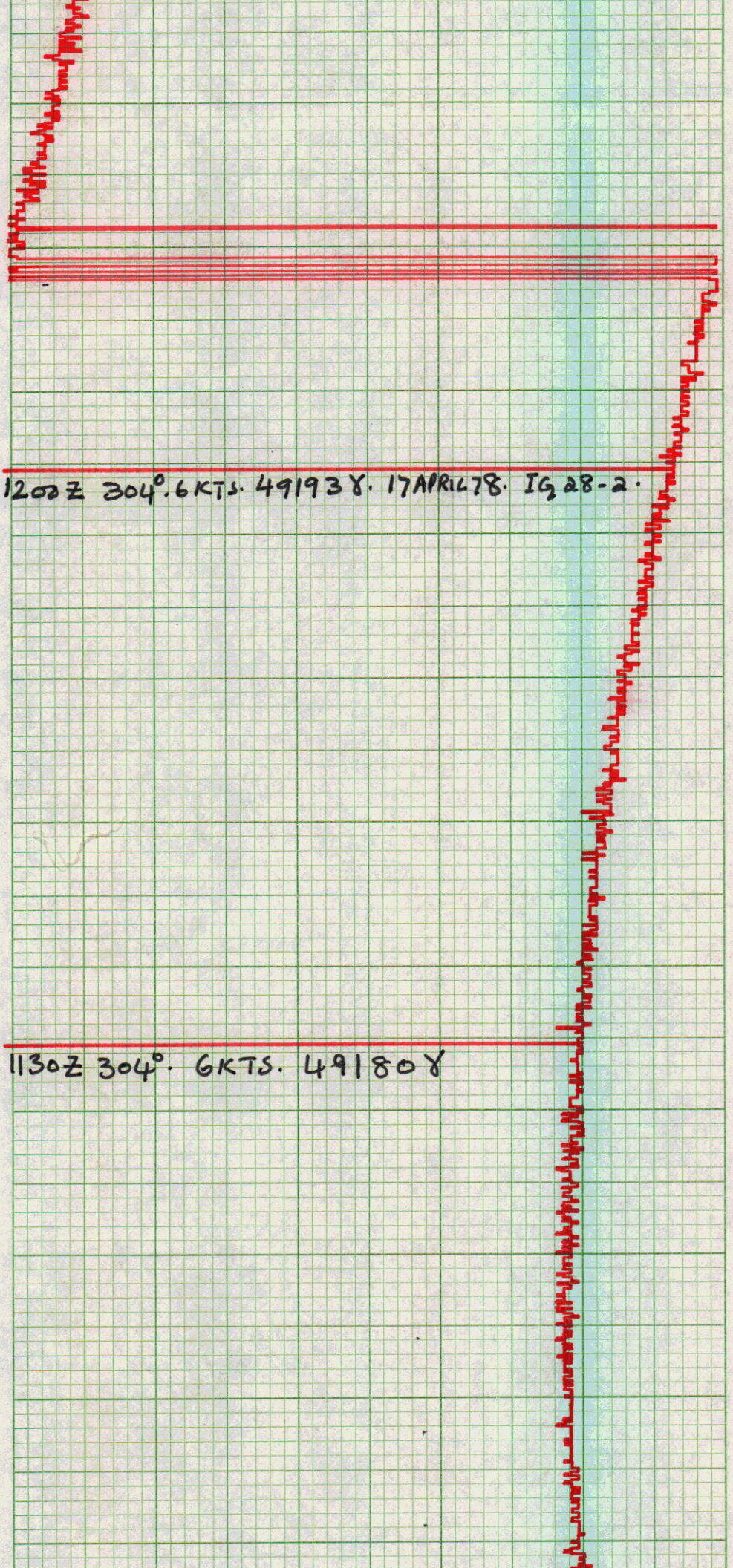
1530Z 6KTS 303° 493548

HEWLETT-PACKARD 9270-1012 610



HEWLETT-PACKARD 9270-1012 610


1330Z 17 Apr 78
IG 28-2
304° @ 6 kts
49244
→ 1300Z 304°. 6KTS. 492318
IG 28-2
17 APRIL 78.
→ 1230Z 304°. 6KTS. 492148.


1200Z 304°. 6KTS. 491938. 17APRIL78. IG 28-2.
1130Z 304°. 6KTS. 491808

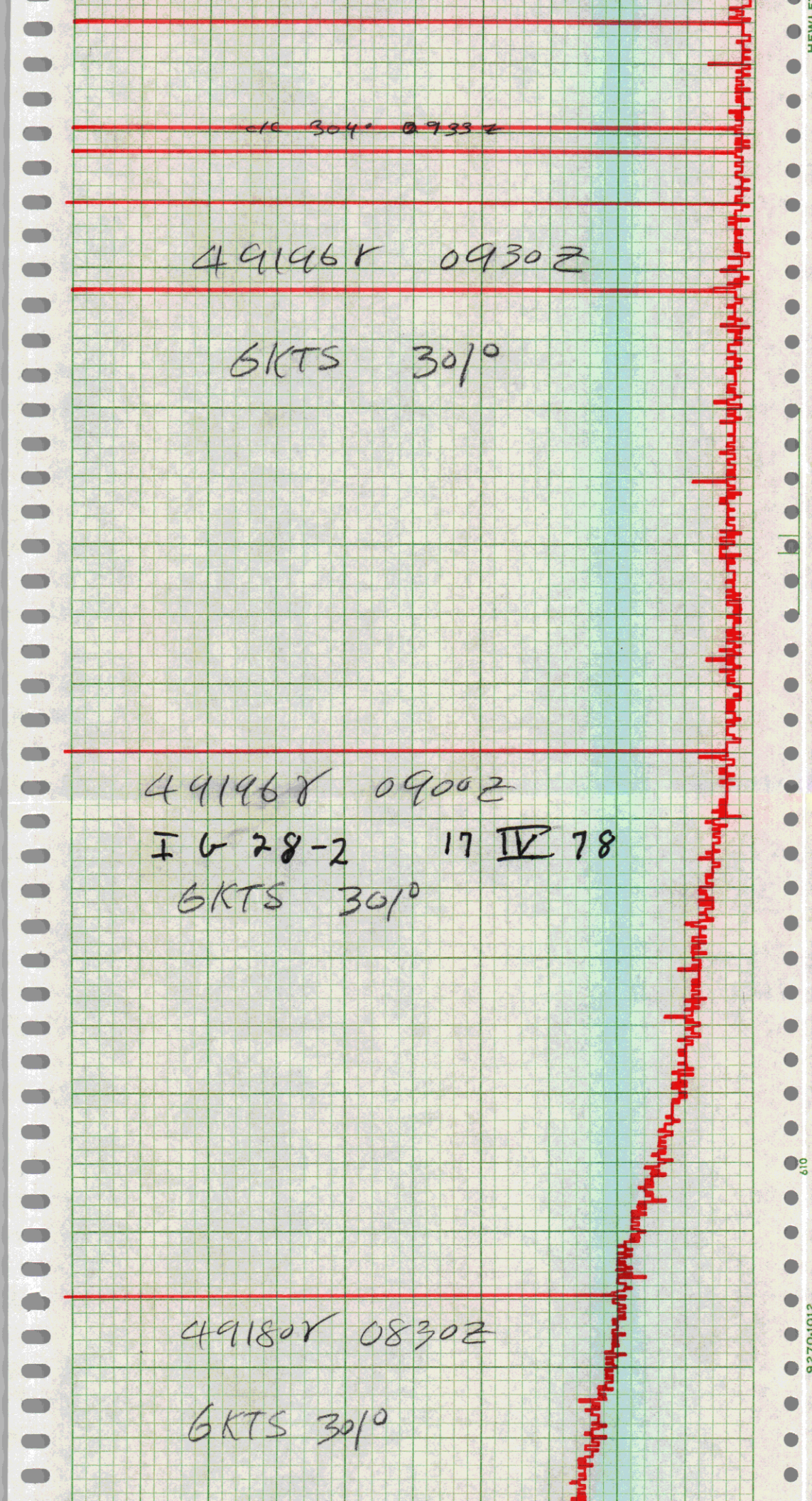
1100Z 304°. 6KTS. 49179 8
I 628-2 17 IV 78

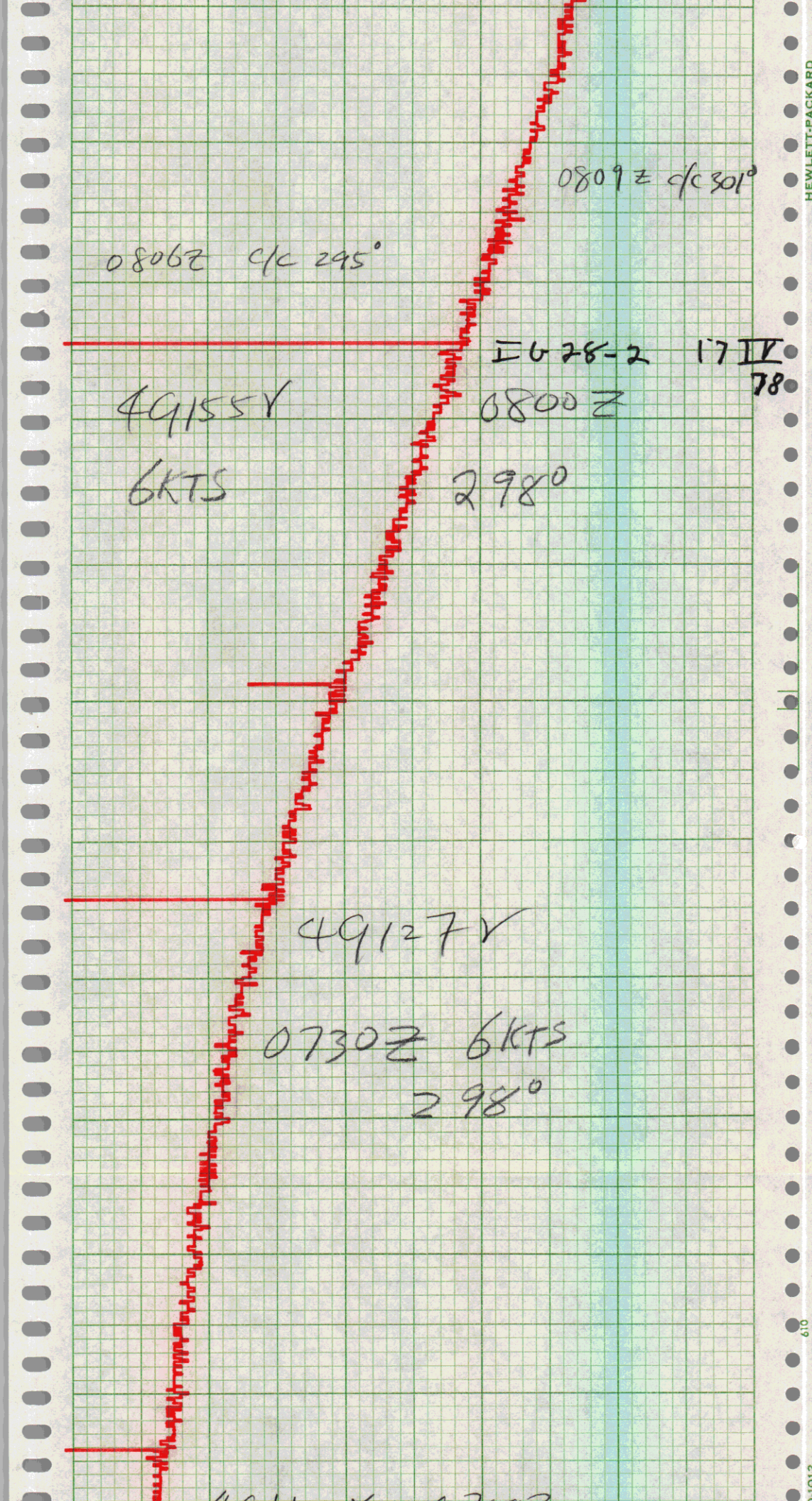
1030Z. 304°. 6KTS. 49185 8

49196 8 1000Z

6KTS 304°

4-17-78 17 IV 78 I 628-2


c10 304° 0933z
49146r 0930z
6KTS 301°
49146r 0900z
IG 28-2 17 IV 78
6KTS 301°
49180r 0830z
6KTS 301°


0809Z c/c 301°
0806Z c/c 295°
E628-2 17 IV 78
4915.5 Y
0800Z
6KTS
298°
4912.7 Y
0730Z 6KTS
298°

4911Z8 0100Z

IL 28-2
17 IV 78

6KTS 298°

4910GY 0630Z

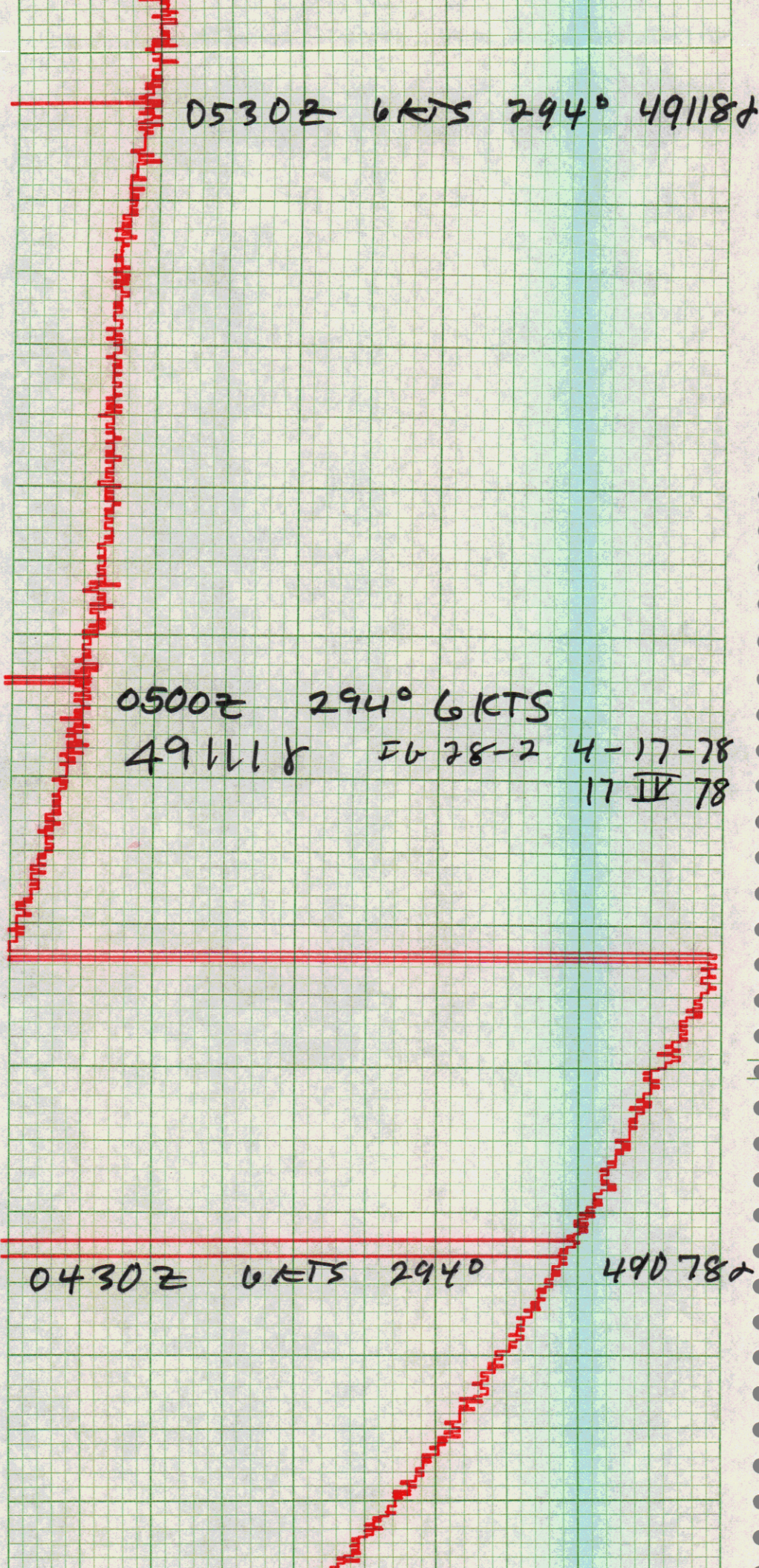
6KTS 298°

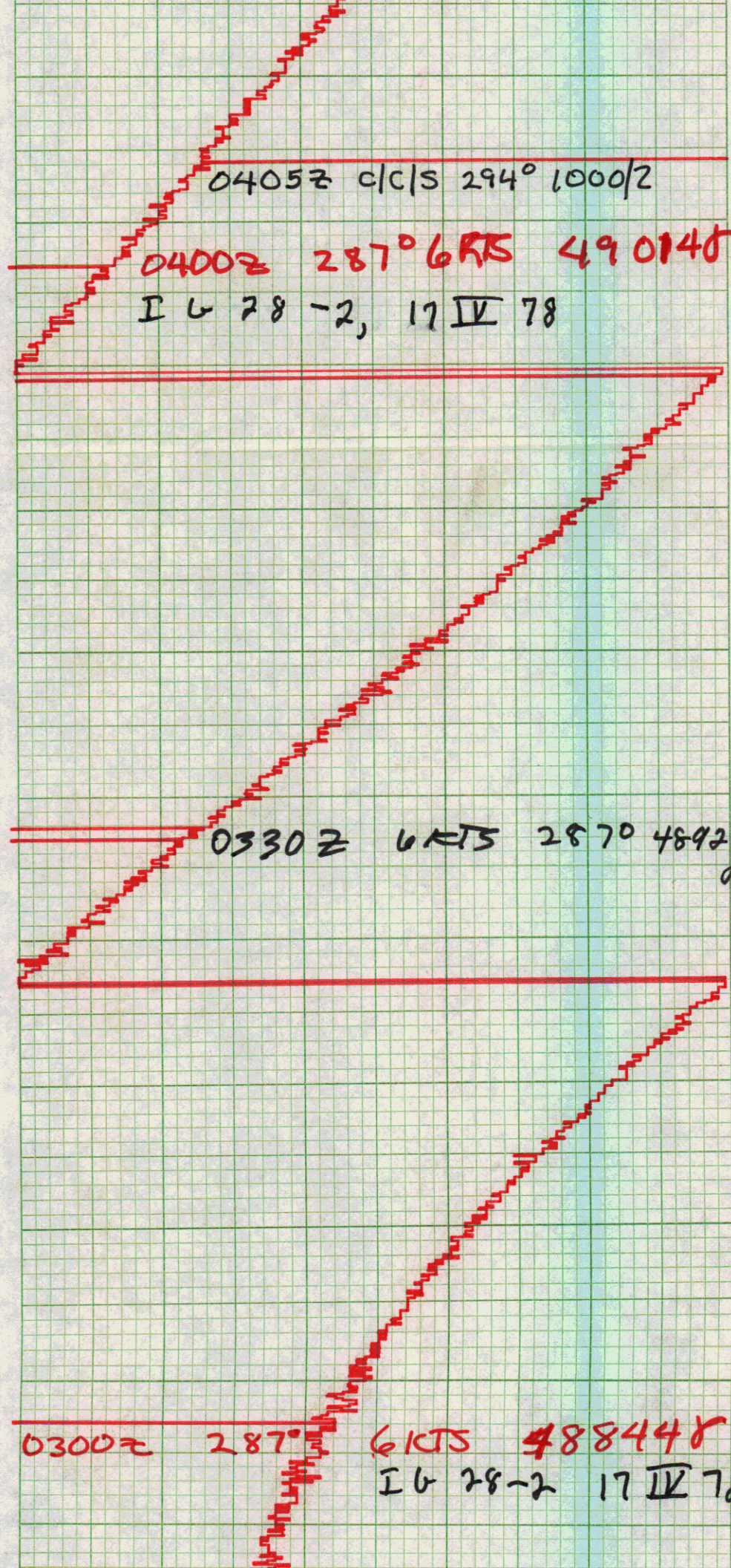
0614Z c/s 900/2

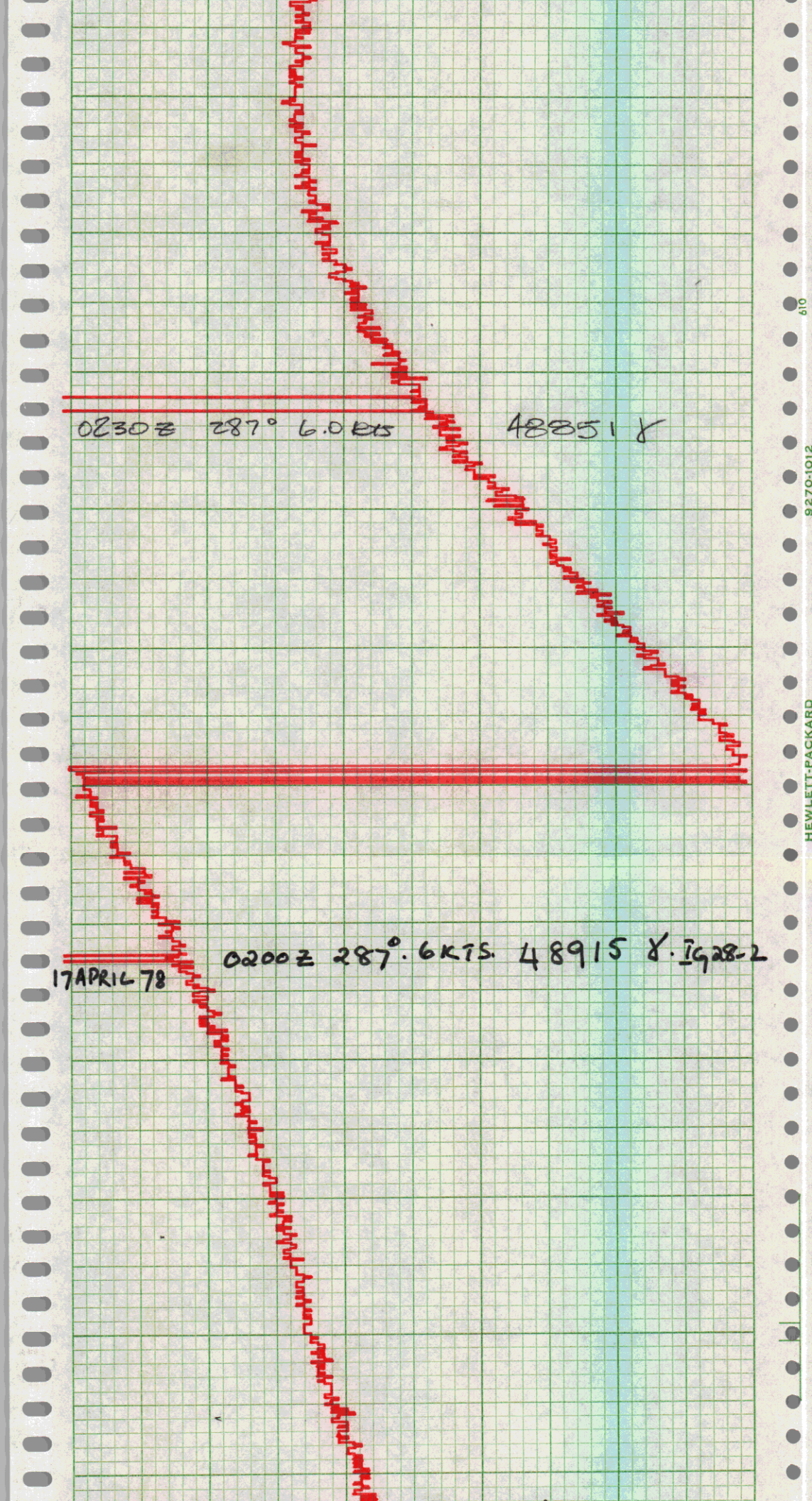
0606Z c/c 298°

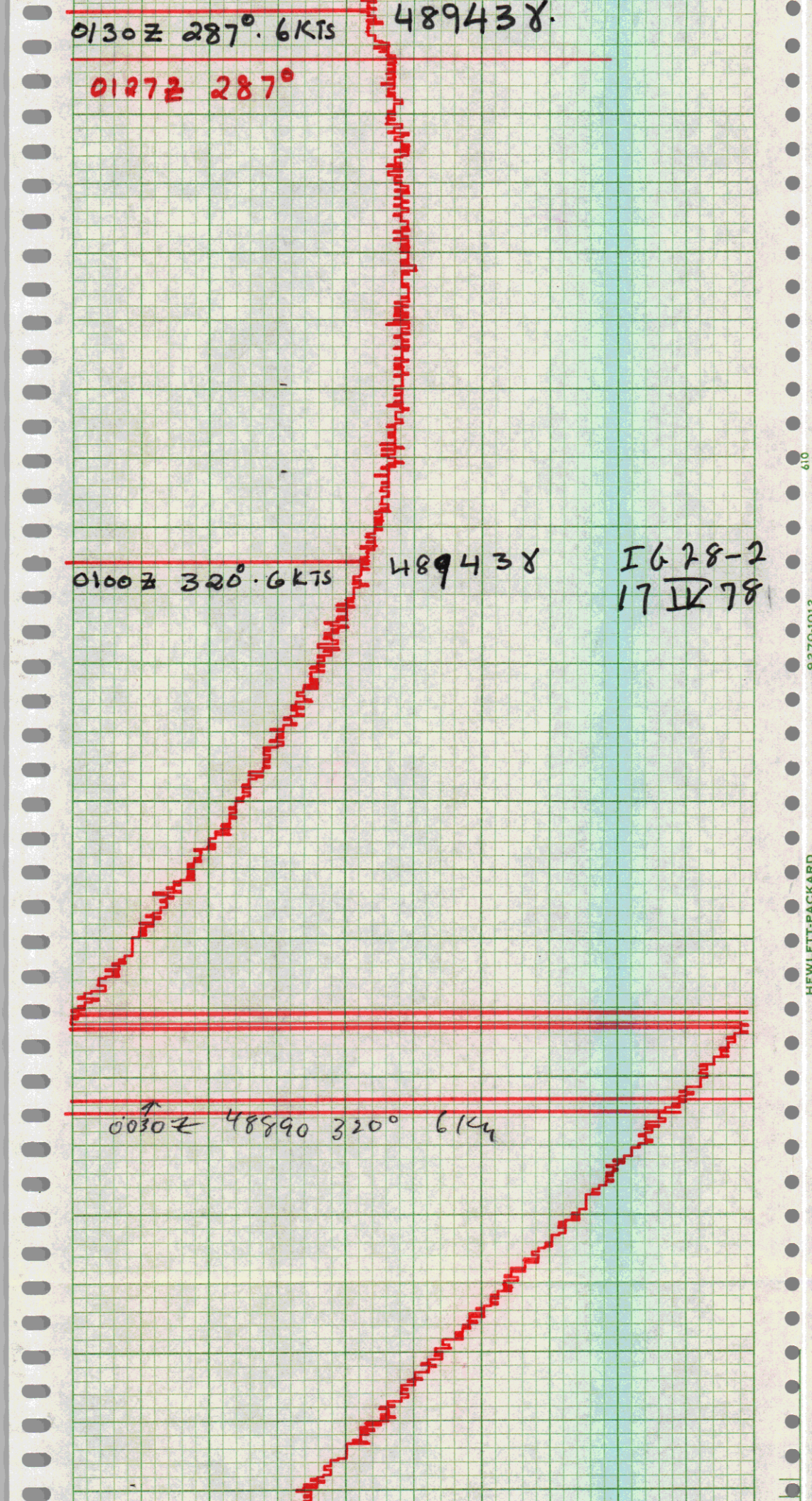
4911IY 0600Z 294° 4KTS
IL 28-2 4-17-78
17 IV 78

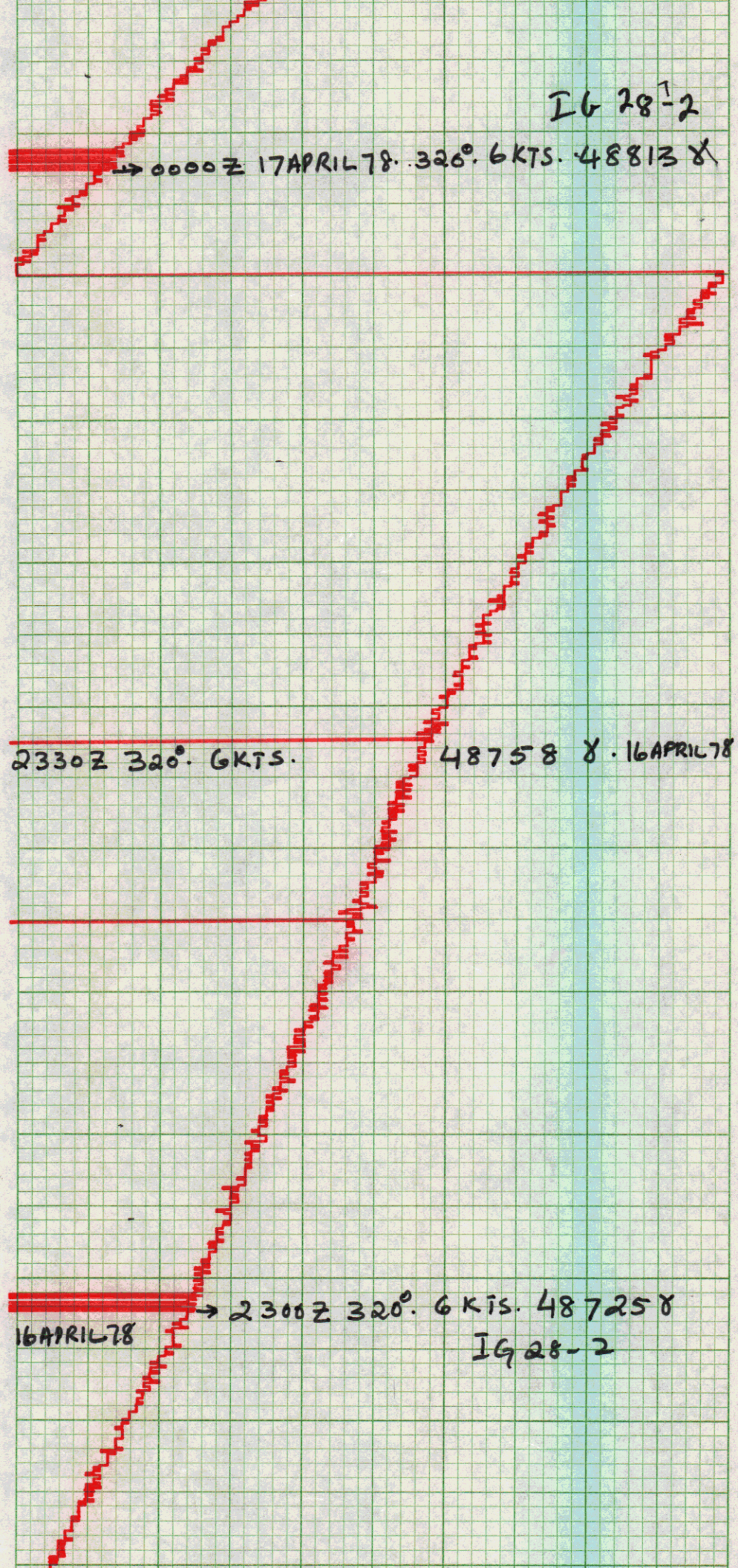
0549Z, c/s 1 ENGINE OUT
1 FULL AHEAD

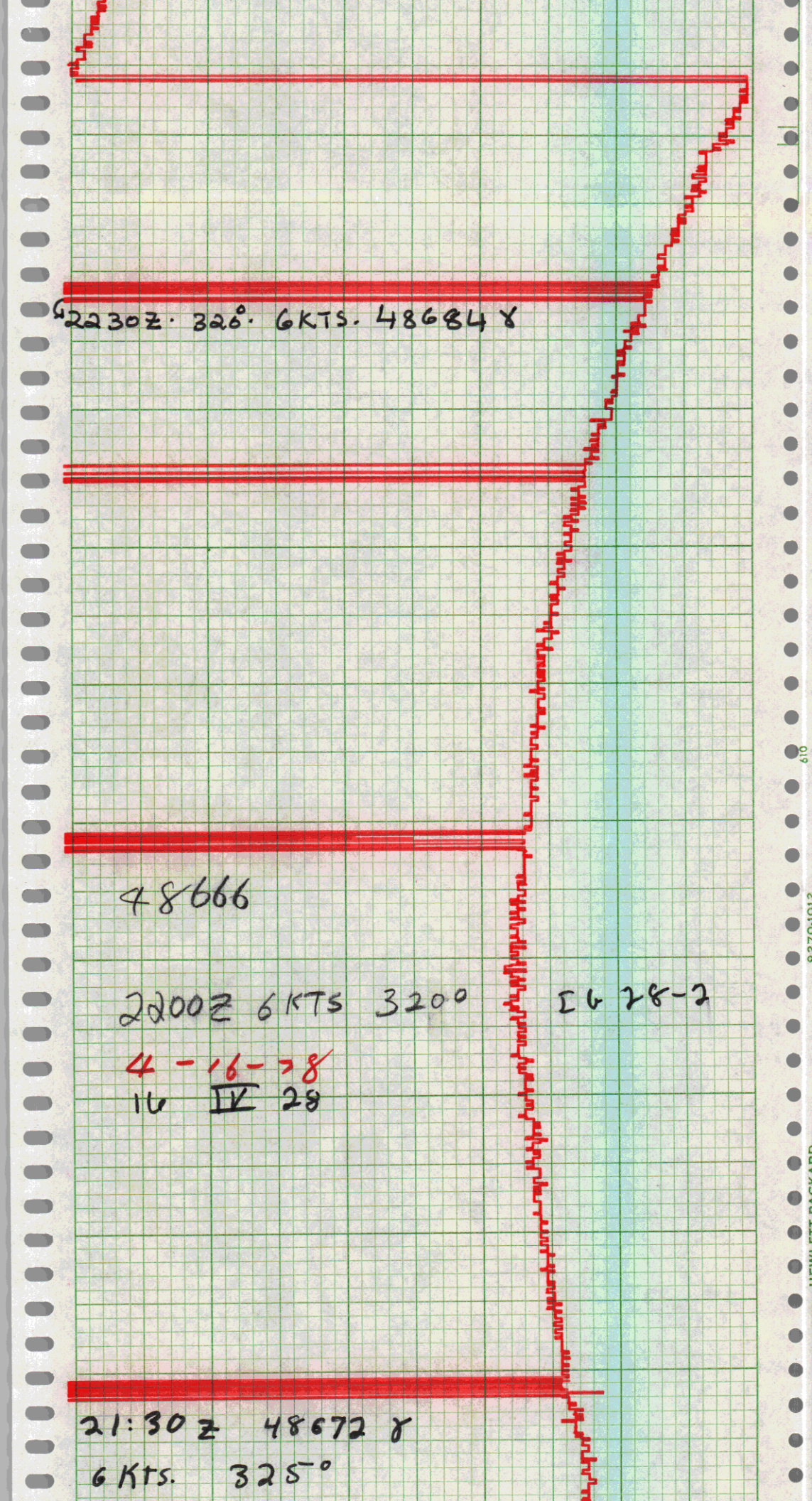

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0500Z 294° 6KTS
491118 EG 78-2 4-17-78
17 IV 78
0430Z 6KTS 294° 490782

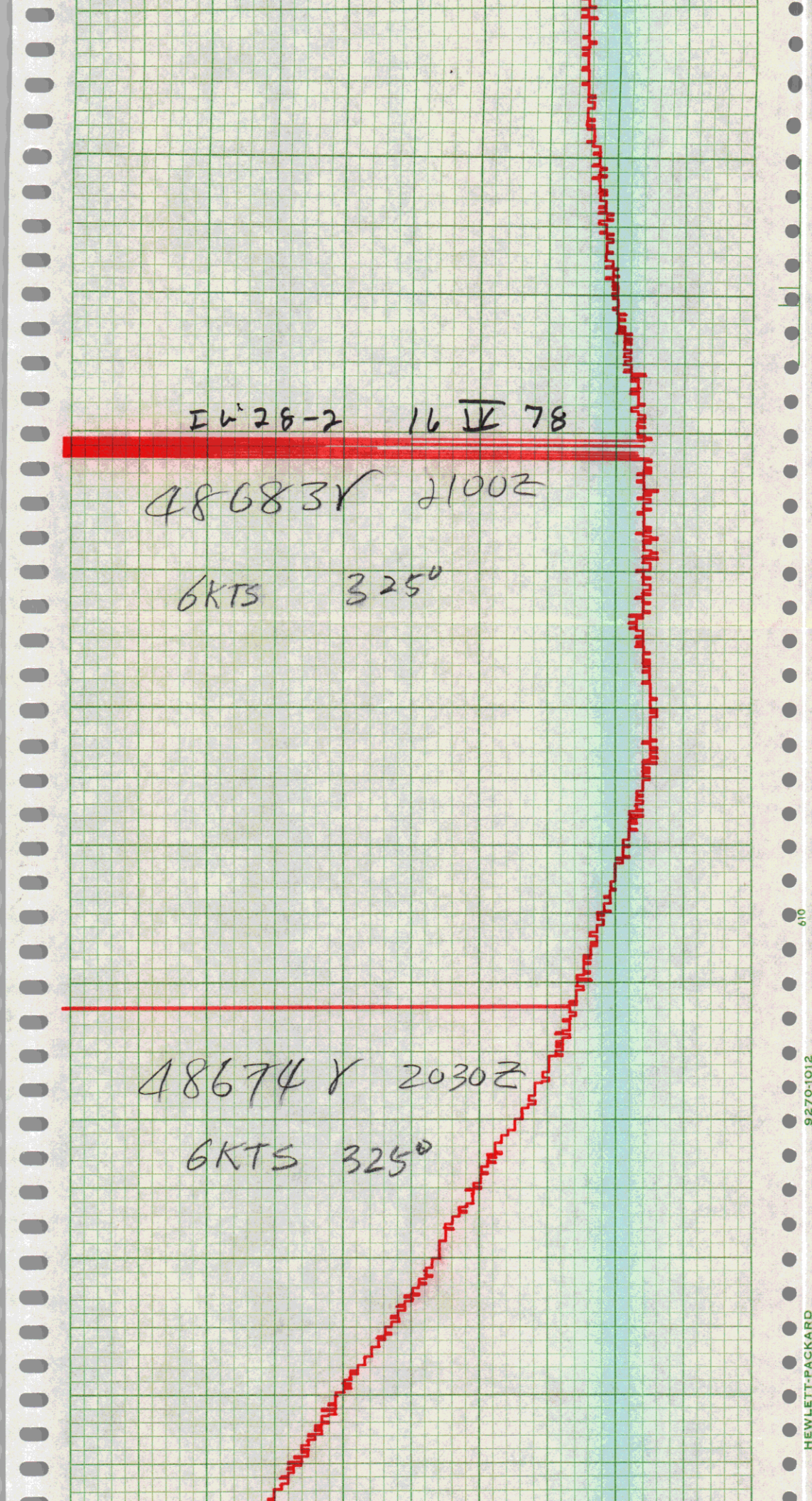

04057 c/c/s 294° 1000/2
04002 287° 6KTS 490148
I 6 78 -2, 17 IV 78
0330Z 6KTS 287° 48923
0300Z 287° 6KTS 488448
I 6 28-2 17 IV 78

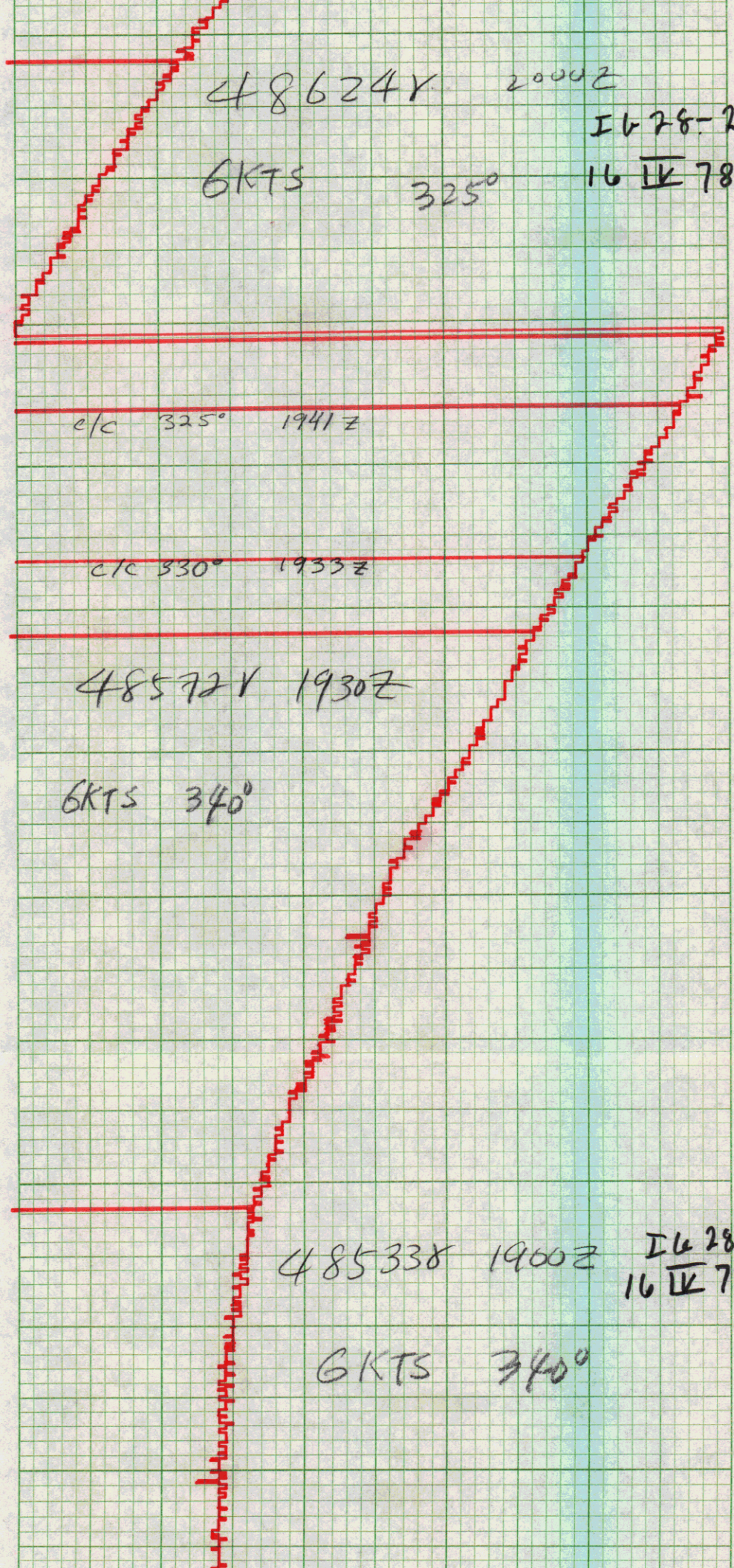

0230Z 287° 6.0 KTS 48851 8
0200Z 287°. 6KTS. 48915 8. IG28-2
17APRIL 78

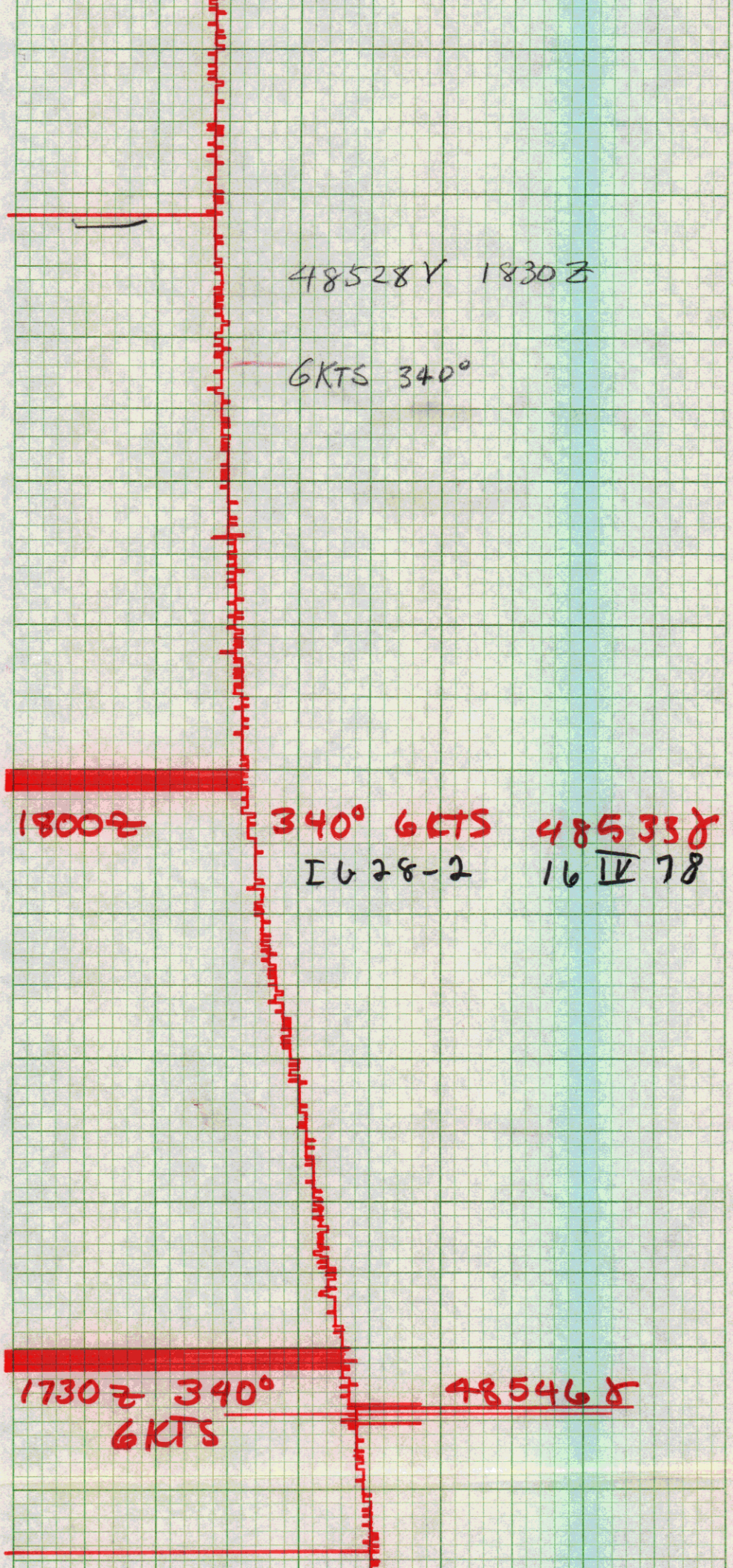

0130Z 287°. 6KTS
489438.
0127Z 287°
0100Z 320°. 6KTS
489438
IG 28-2
17 IK 78
0030Z 48890 320° 6Kt

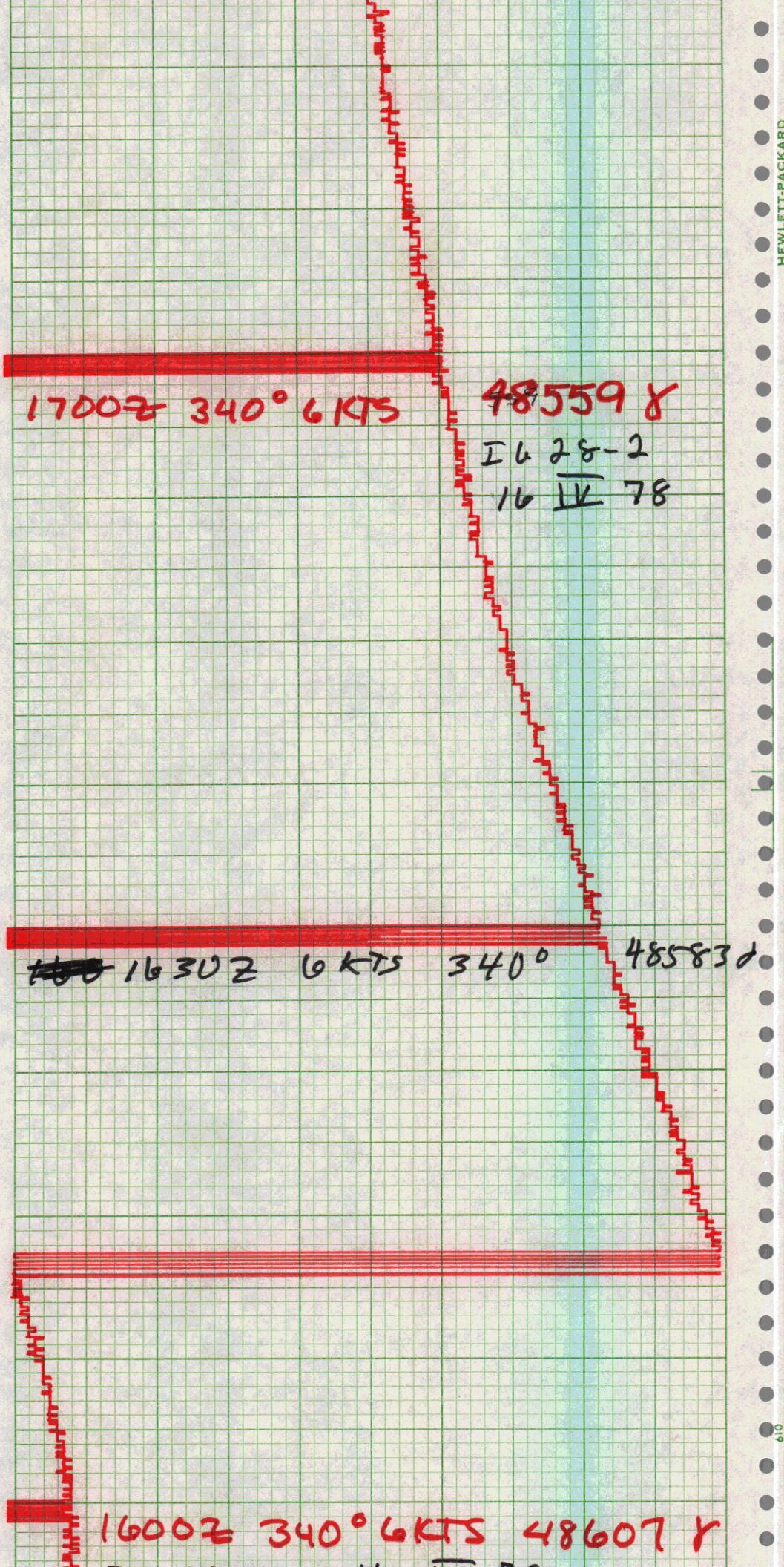

IG 28-2
0000Z 17APRIL78. 320°. 6KTS. 48813 X
2330Z 320°. 6KTS.
48758 X. 16APRIL78
2300Z 320°. 6 KTS. 48725 X
16APRIL78
IG 28-2

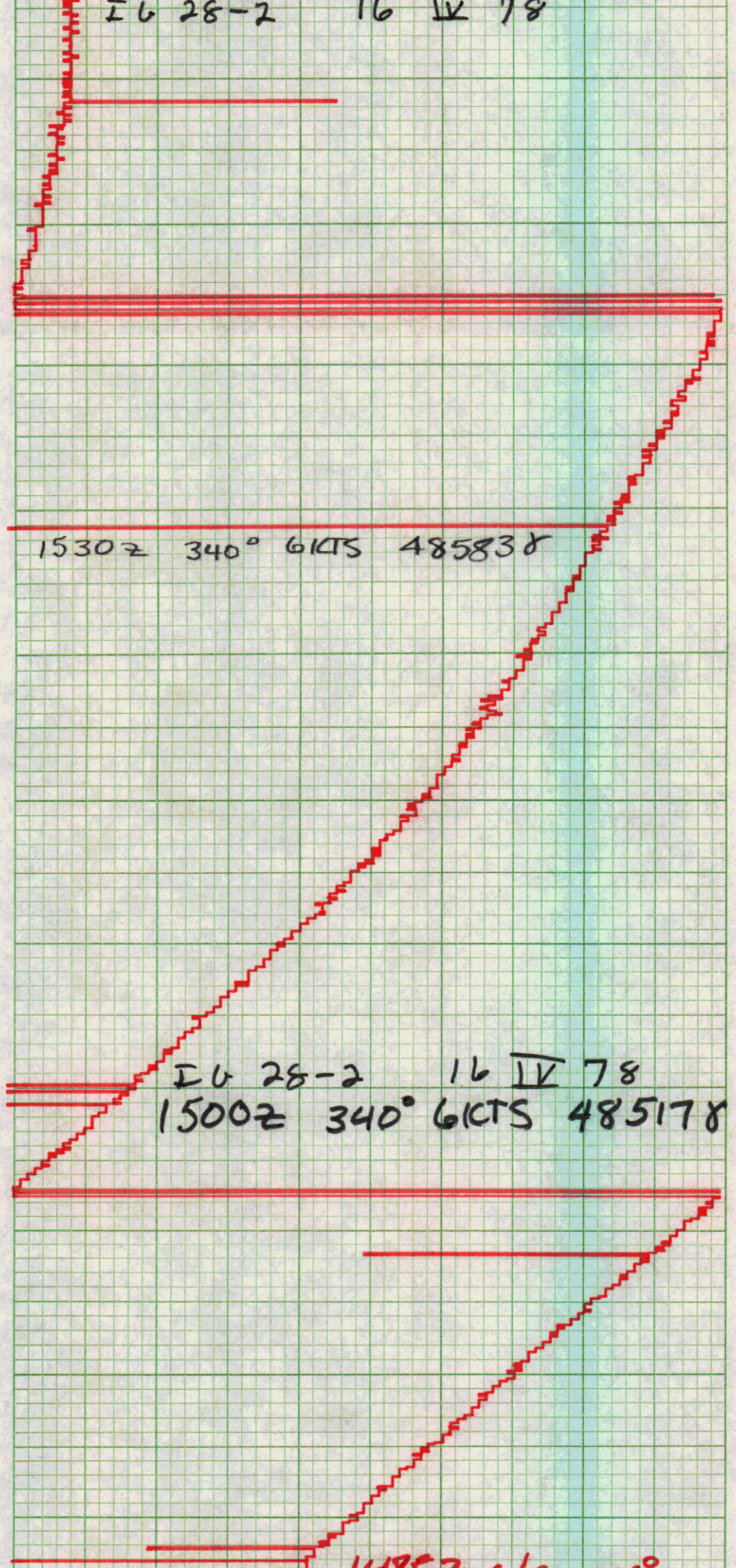

2230Z · 320° · 6KTS · 48684 8
48666
2200Z 6 KTS 320°
4 - 16 - 28
16 IV 28
21:30 Z 48672 8
6 Kts. 325°


IL 28-2 16 IV 78
48083 Y 2100Z
6KTS 325°
48674 Y 2030Z
6KTS 325°


486247 2000Z
IL28-2
16 IV 78
6KTS 325°
c/c 325° 1941Z
c/c 330° 1933Z
485727 1930Z
6KTS 340°
485338 1900Z
IL28-2
16 IV 78
6KTS 340°


48528Y 1830Z
6KTS 340°
1800Z
340° 6KTS
48533Y
IC28-2
16 IV 78
1730Z 340°
6KTS
48546Y


1700Z 340° 6KTS
48559 Y
IL 28-2
16 III 78
1630Z 6KTS 340°
48583 d
1600Z 340° 6KTS 48607 Y


I6 28-2 16 IV 78
15302 340° 6KTS 485838
I6 28-2 16 IV 78
15002 340° 6KTS 485178

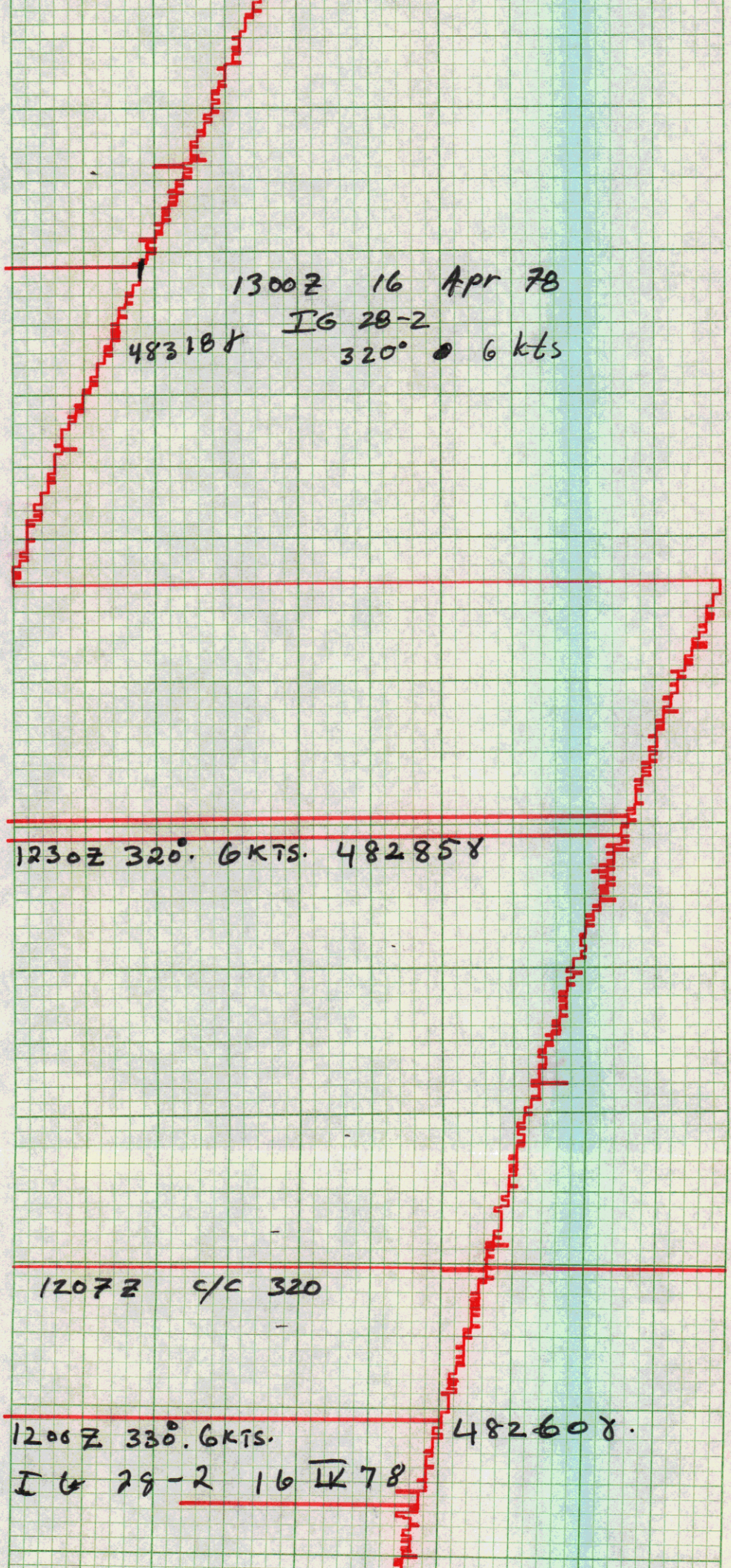
1435Z C/C 340

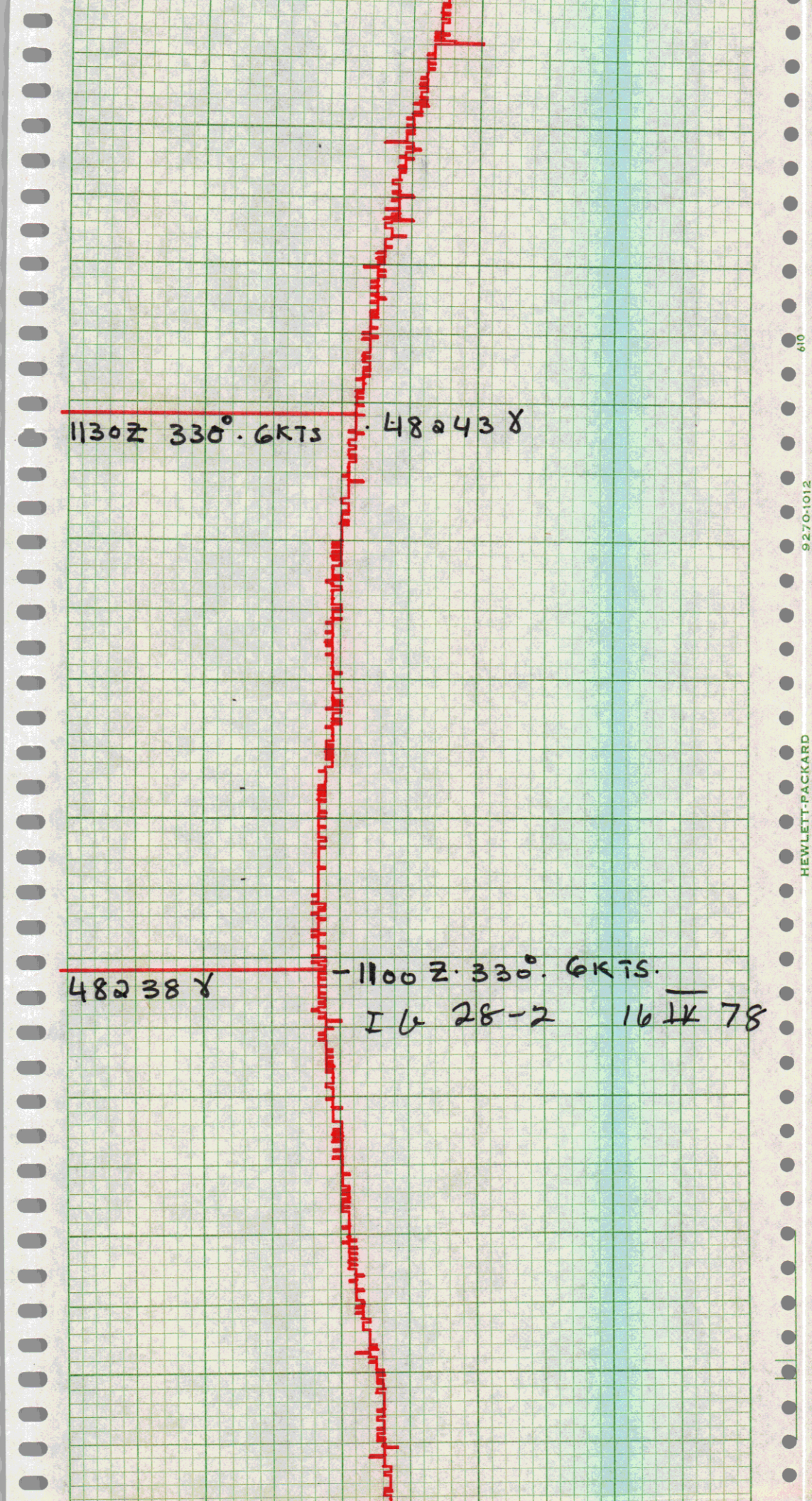
1430Z 6 KTS 330° 48426 V

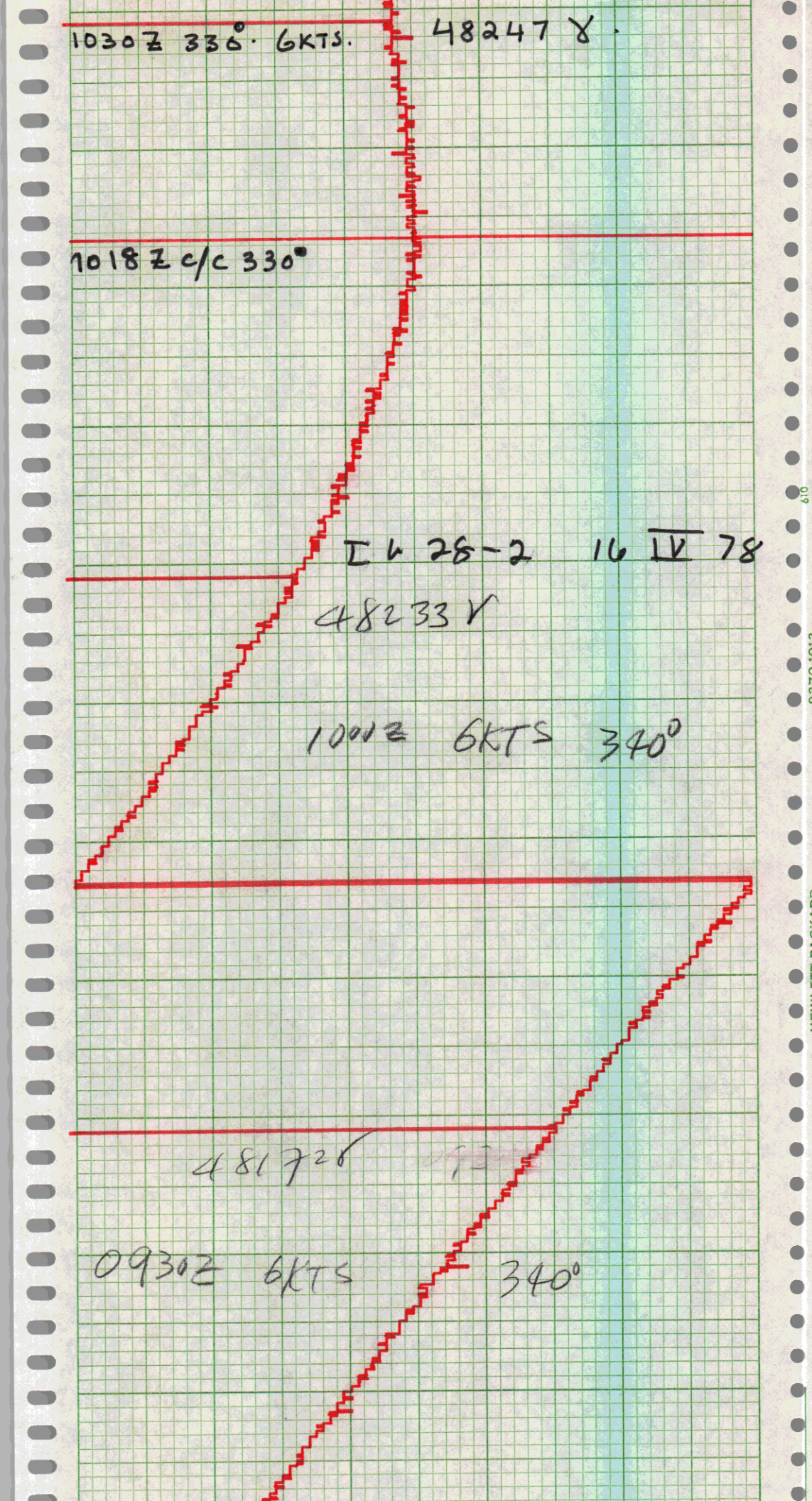
1413Z C/C 330°

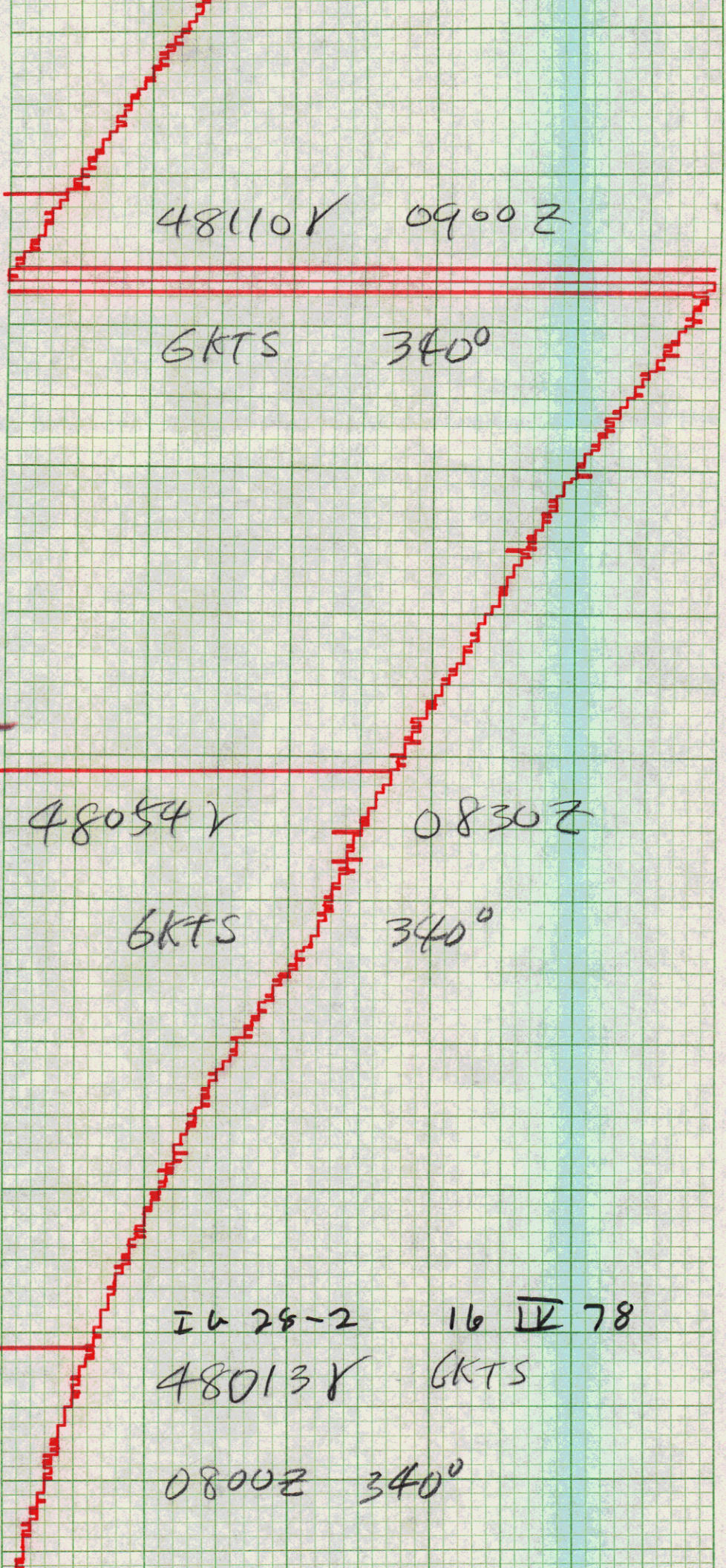
1400Z 6 KTS 320° 48381 J
IW 28-2 4-16-78
16 IX 78

1330Z 320°. 6 KTS 48354 8


1300Z 16 Apr 78
IG 28-2
320° @ 6 kts
483188
1230Z 320°. 6KTS. 482858
1207Z C/C 320
1200Z 330°. 6KTS.
482608.
IG 28-2 16 APR 78


1130Z 330°. 6KTS
48243 Y
48238 Y
1100Z. 330°. 6KTS.
IL 28-2 16 JK 78
HEWLETT-PACKARD
9270-1012
610


1030Z 330°. 6KTS.
48247 Y.
1018Z C/C 330°
I 4 28-2 16 IV 78
48233 Y
1001Z 6KTS 340°
48172 Y
0930Z 6KTS 340°


48110Y 0900Z
6KTS 340°
48054Y 0830Z
6KTS 340°
IL 28-2 16 IV 78
48013Y 6KTS
0800Z 340°

47G93Y 0730Z

6KTS 340°

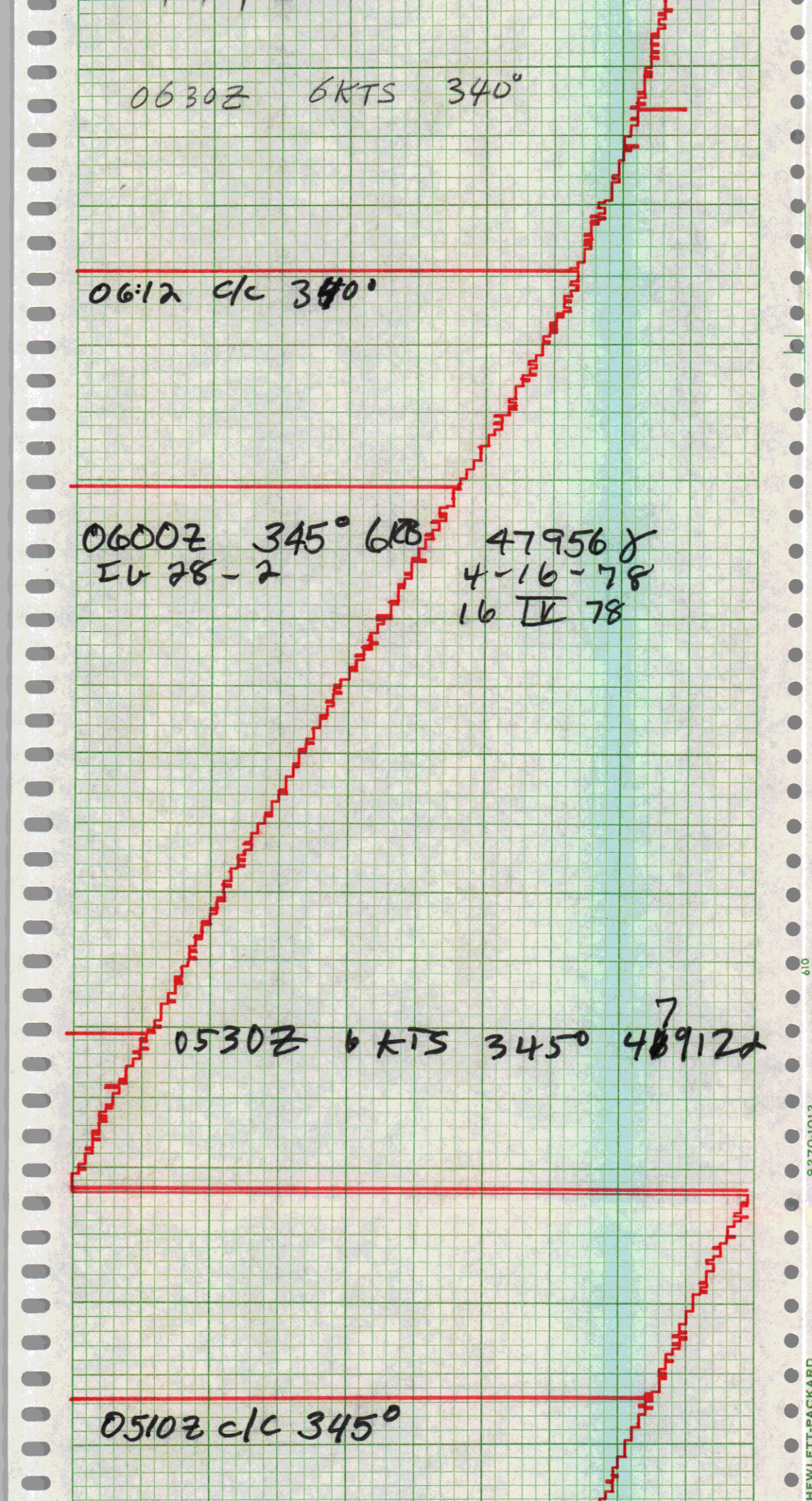
IG 28-2

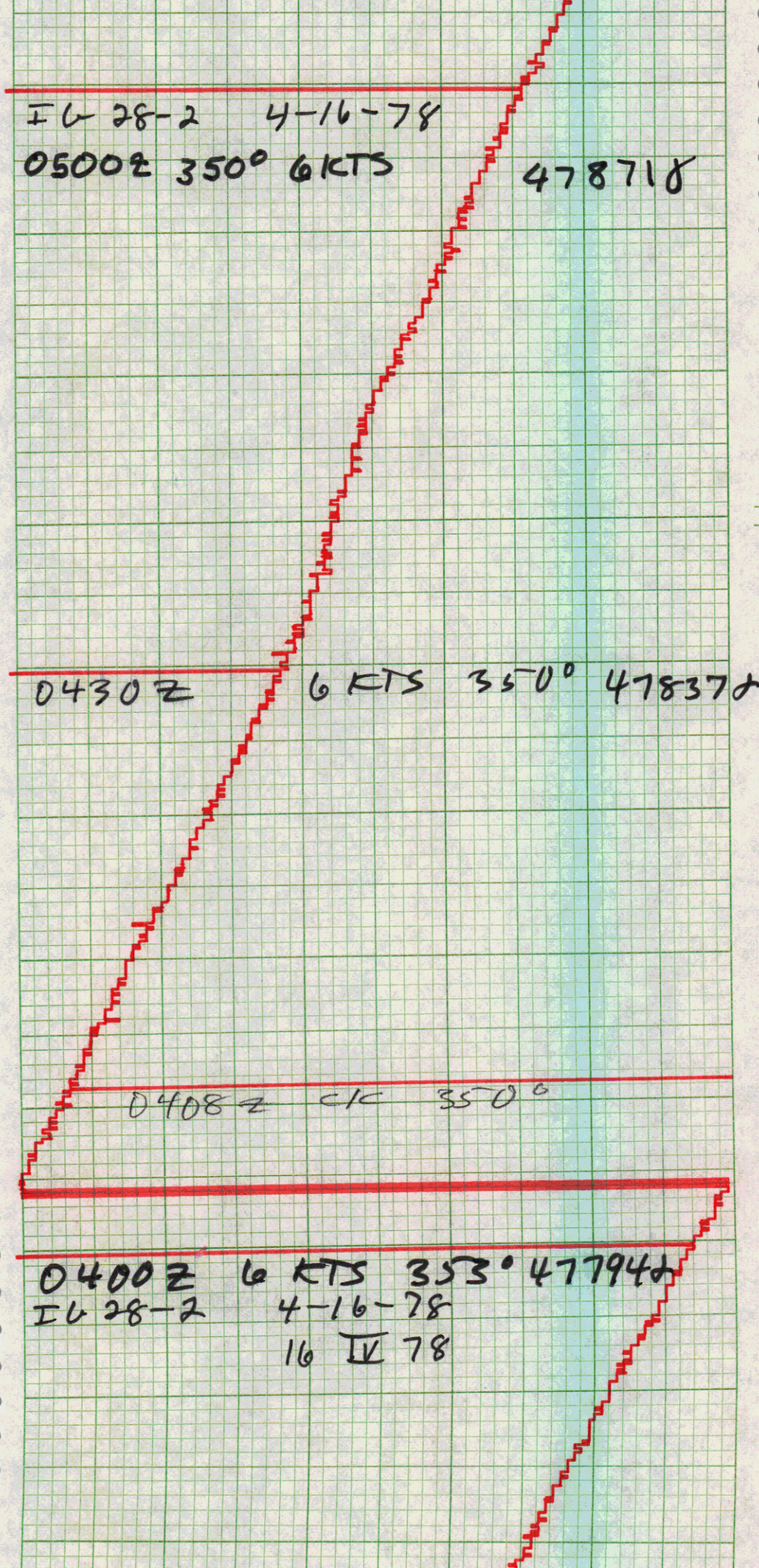
4/16/78

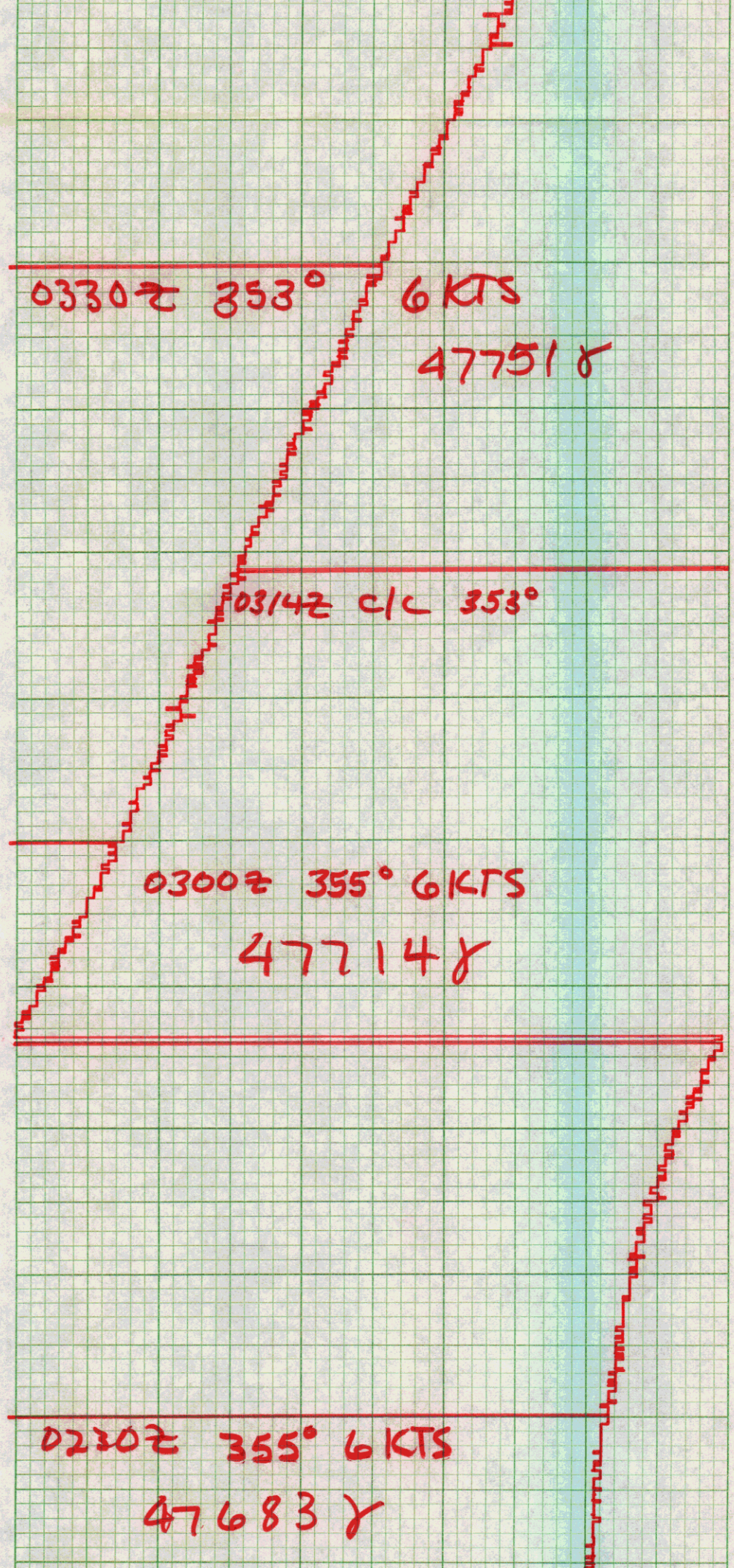
47G95 340° 6KTS

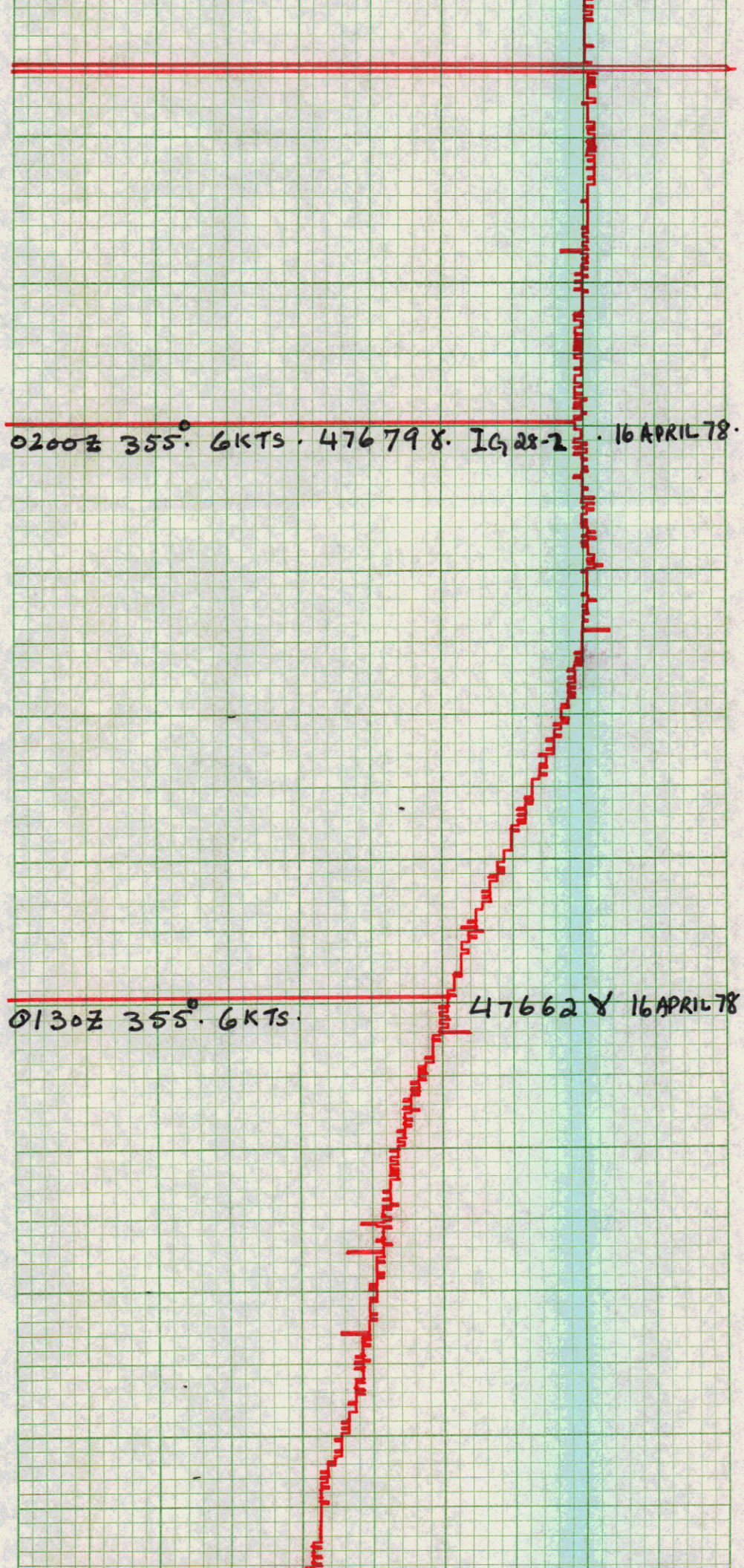
0700Z

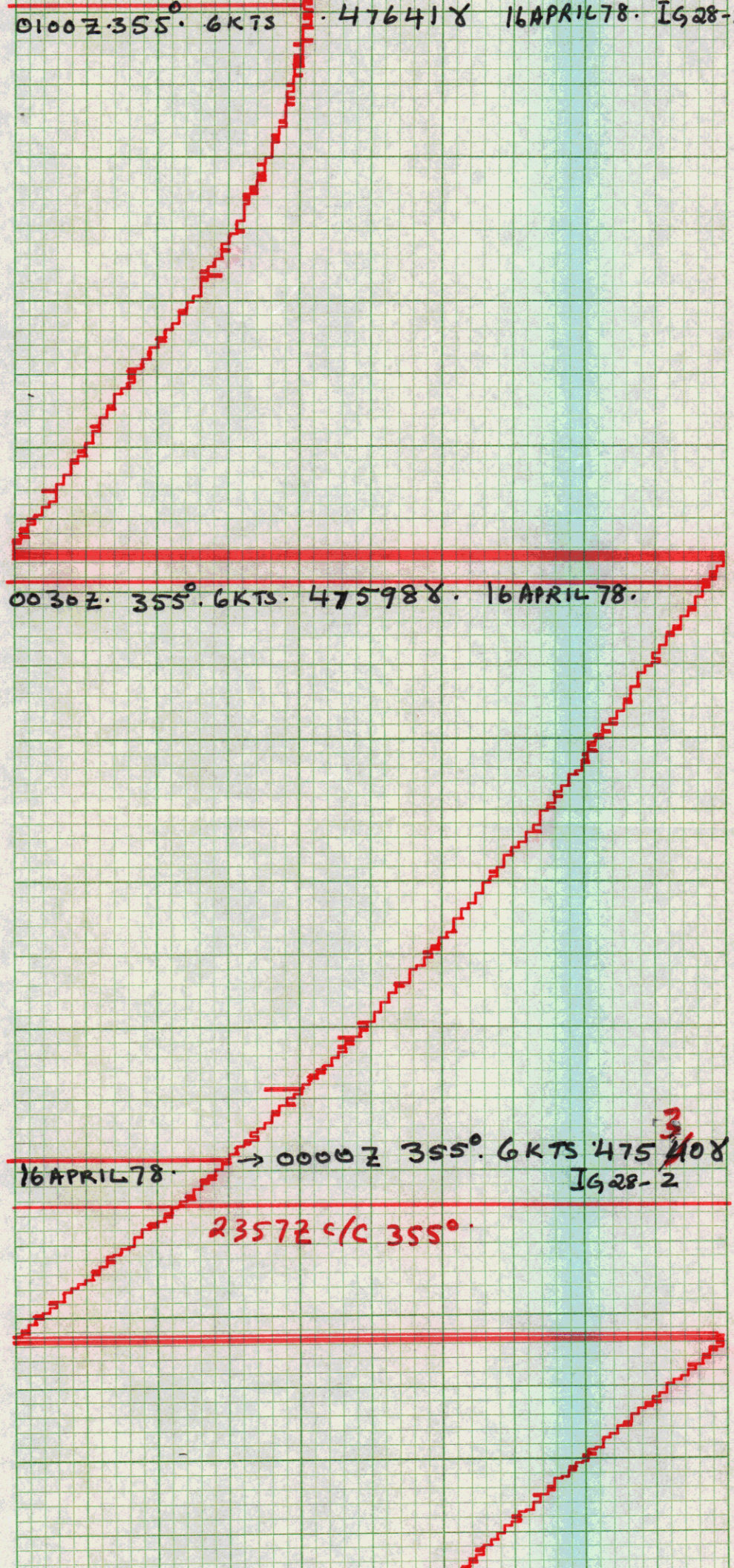
47988V

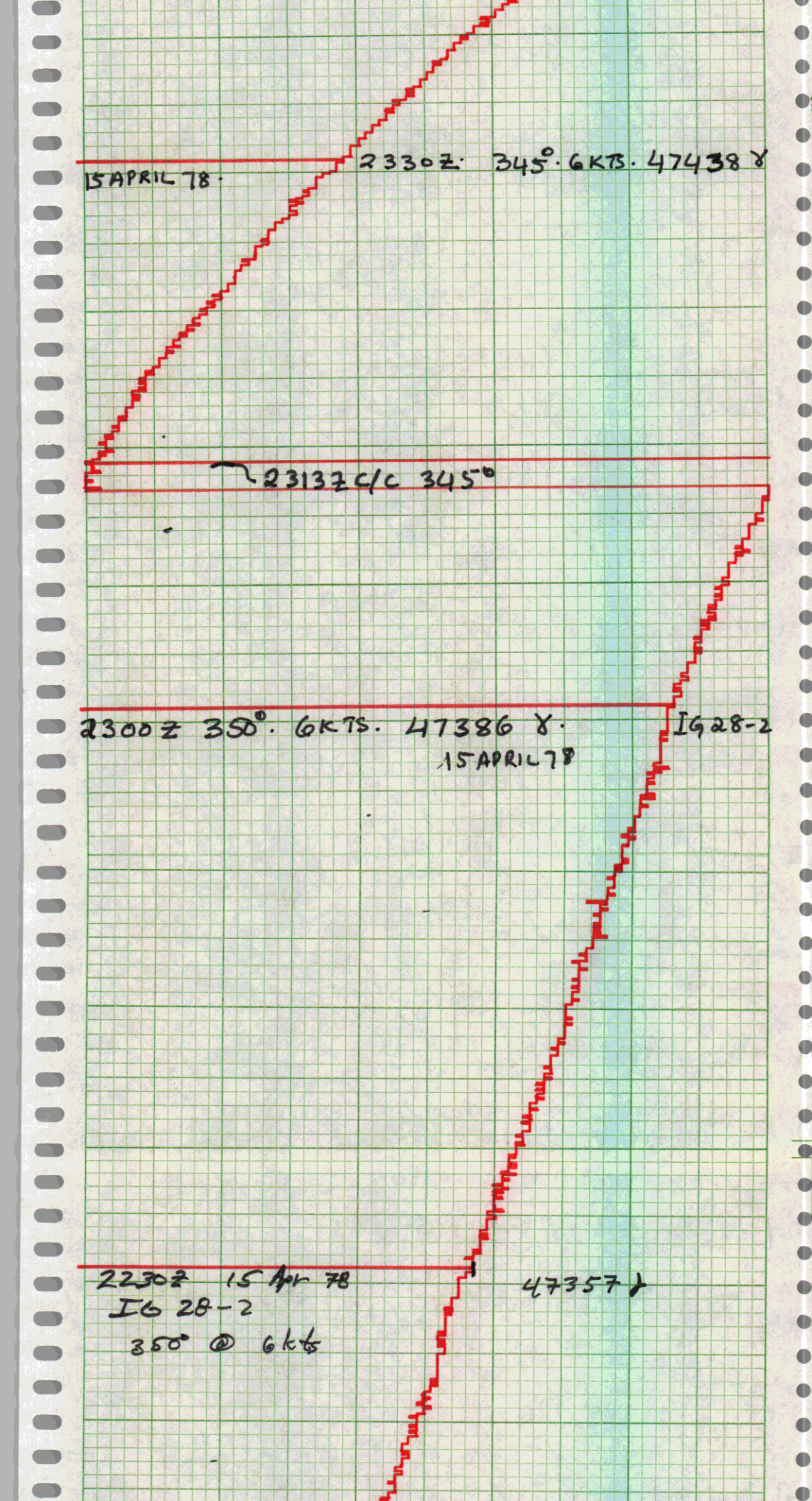

0630Z 6KTS 340°
06:12 c/c 340°
06007 345° 6KTS
Iv 78-2
47956 γ
4-16-78
16 IV 78
0530Z 6KTS 345° 48912
0510Z c/c 345°

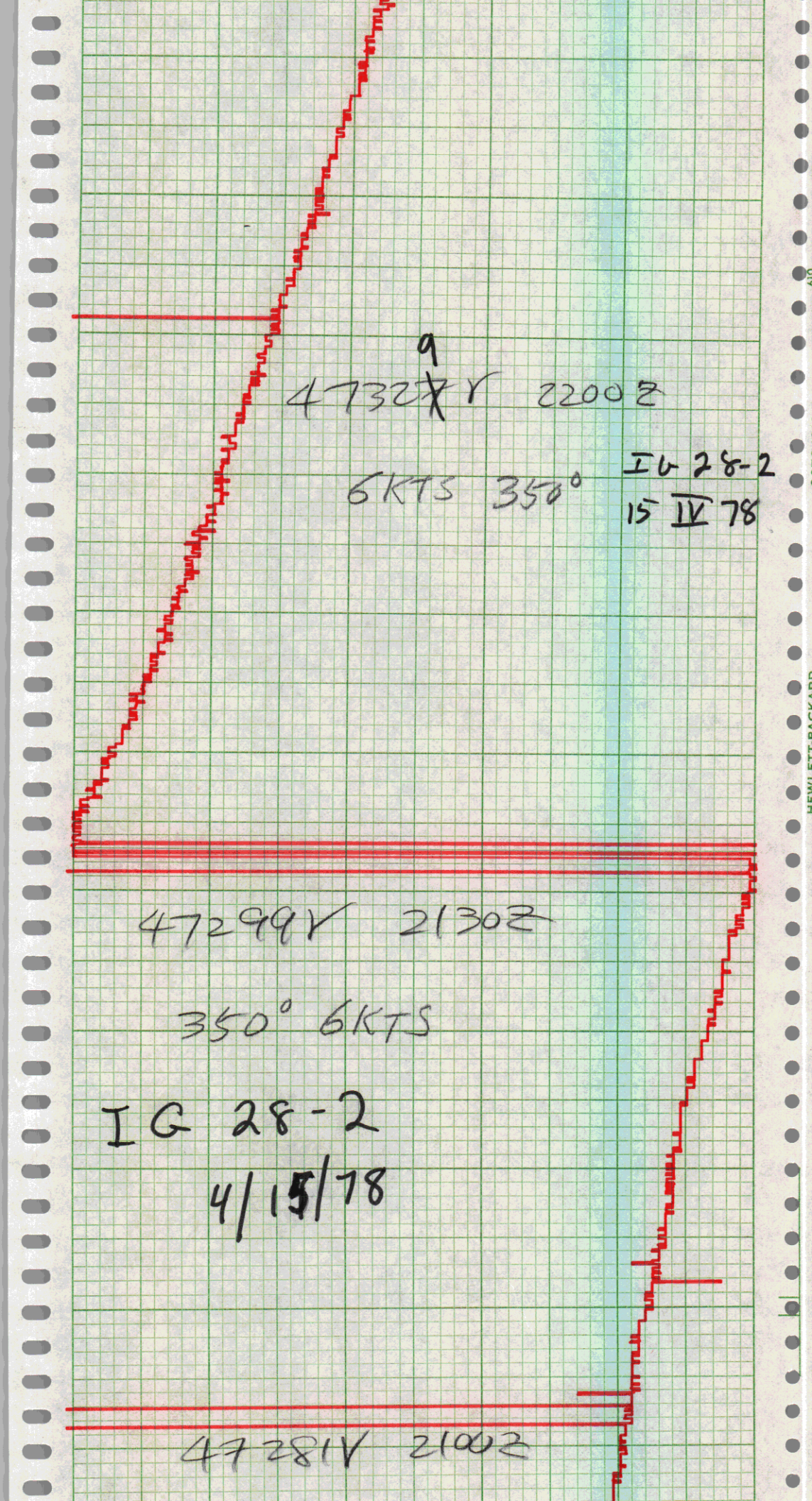

IL 28-2 4-16-78
0500Z 350° 6KTS
478718
0430Z 6 KTS 350° 478372
0408Z CIC 350°
0400Z 6 KTS 353° 477942
IL 28-2 4-16-78
16 IV 78

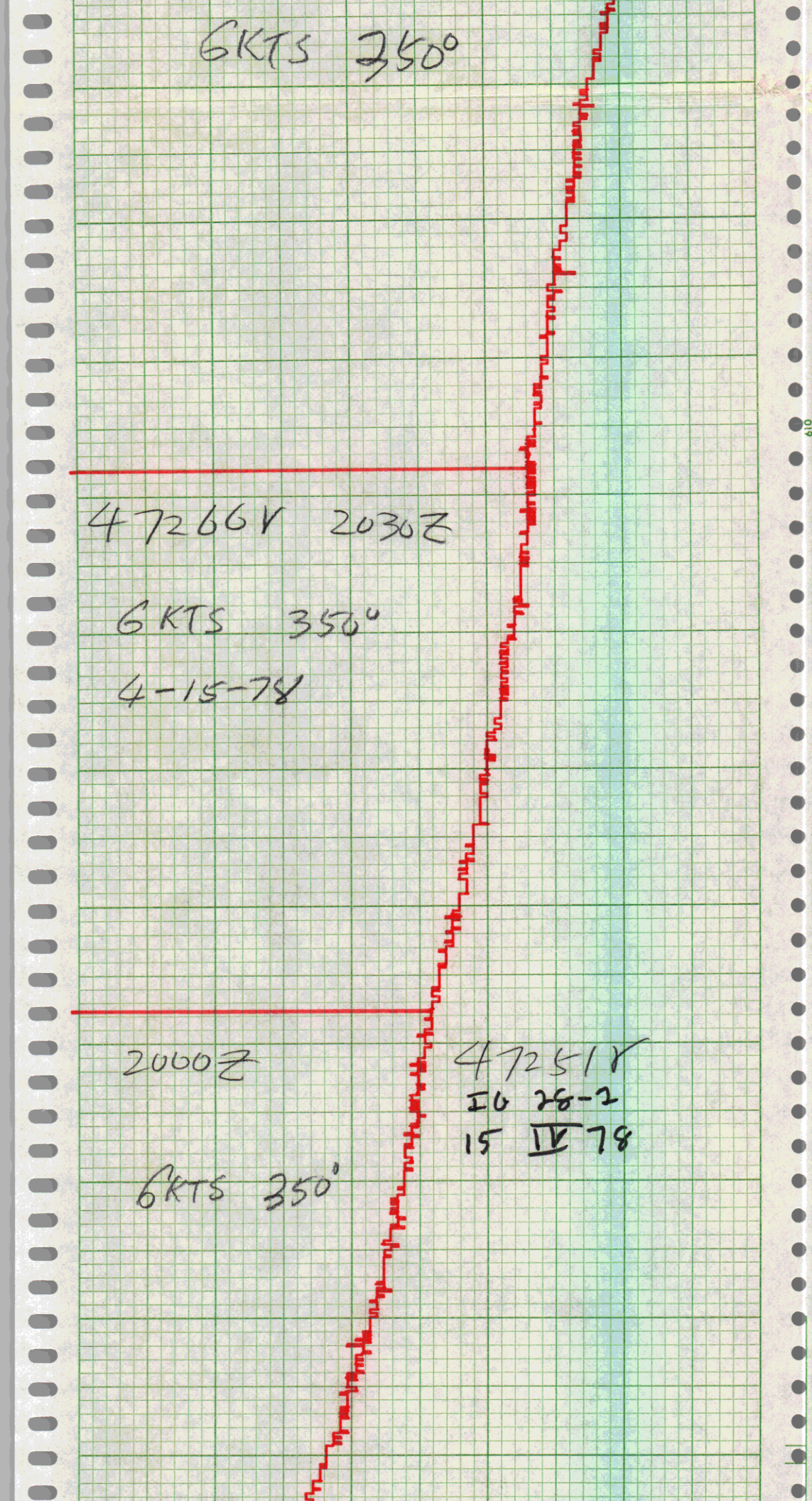

0330Z 353° 6KTS
47751γ
0314Z c/c 353°
0300Z 355° 6KTS
47714γ
0230Z 355° 6KTS
47683γ

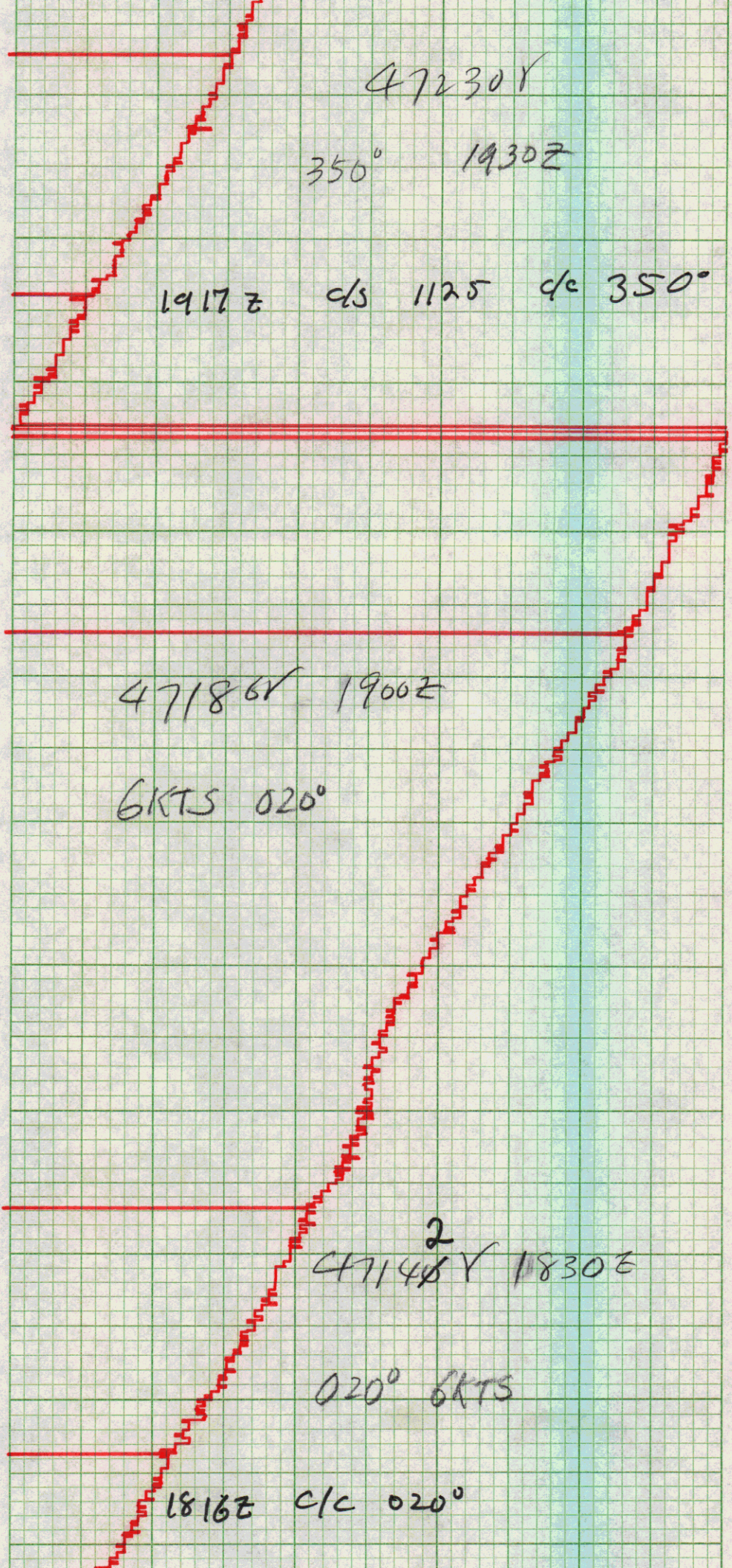

0200Z 355° 6KTS · 47679 8 · IG 28-2 · 16 APRIL 78 ·
0130Z 355° 6KTS ·
47662 8 16 APRIL 78

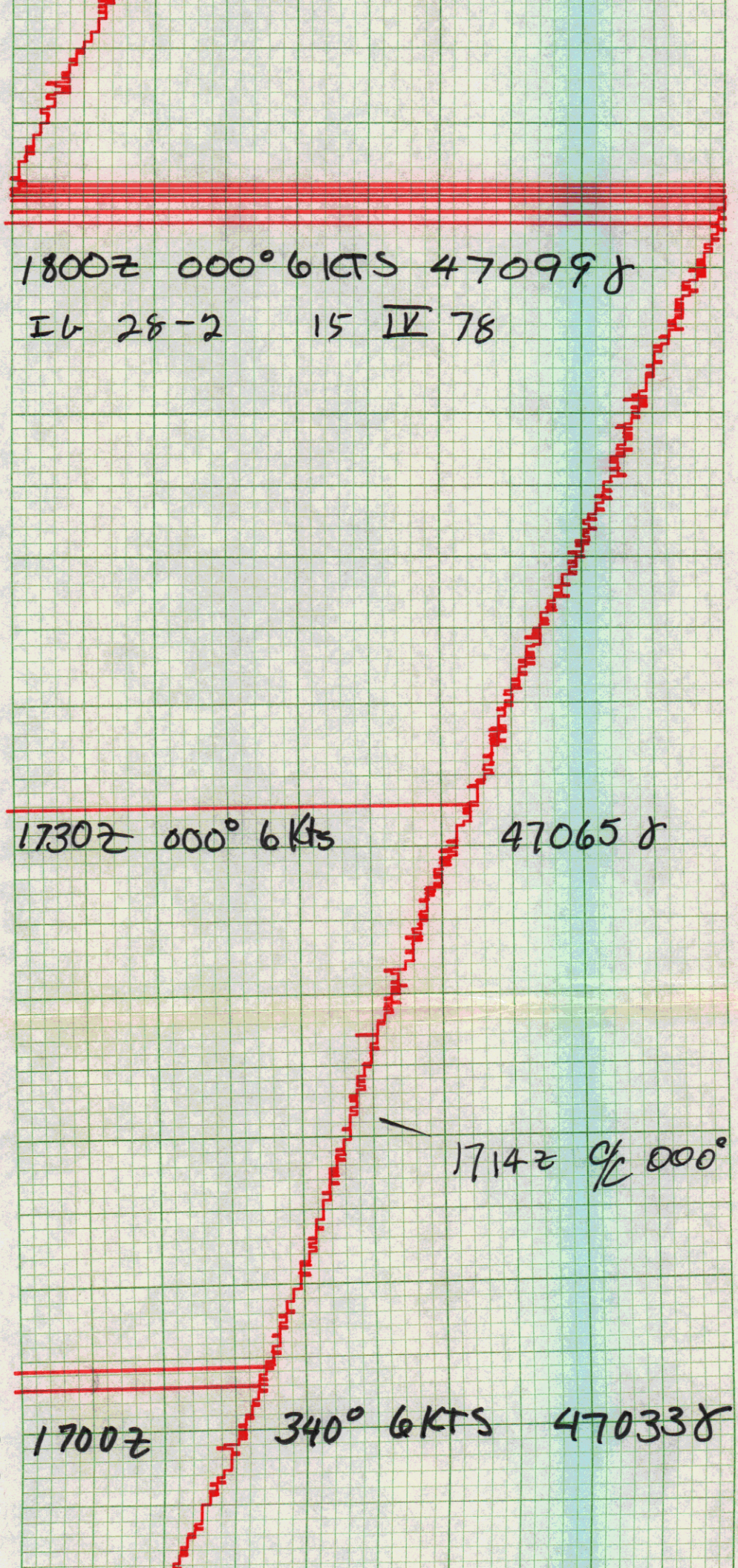

0100Z·355°· 6KTS · 476418 16APRIL78· IG28-2
0030Z· 355°. 6KTS· 475988· 16APRIL78.
16APRIL78·
→ 0000Z 355°. 6KTS 475308·
IG28-2
23572 c/c 355°·

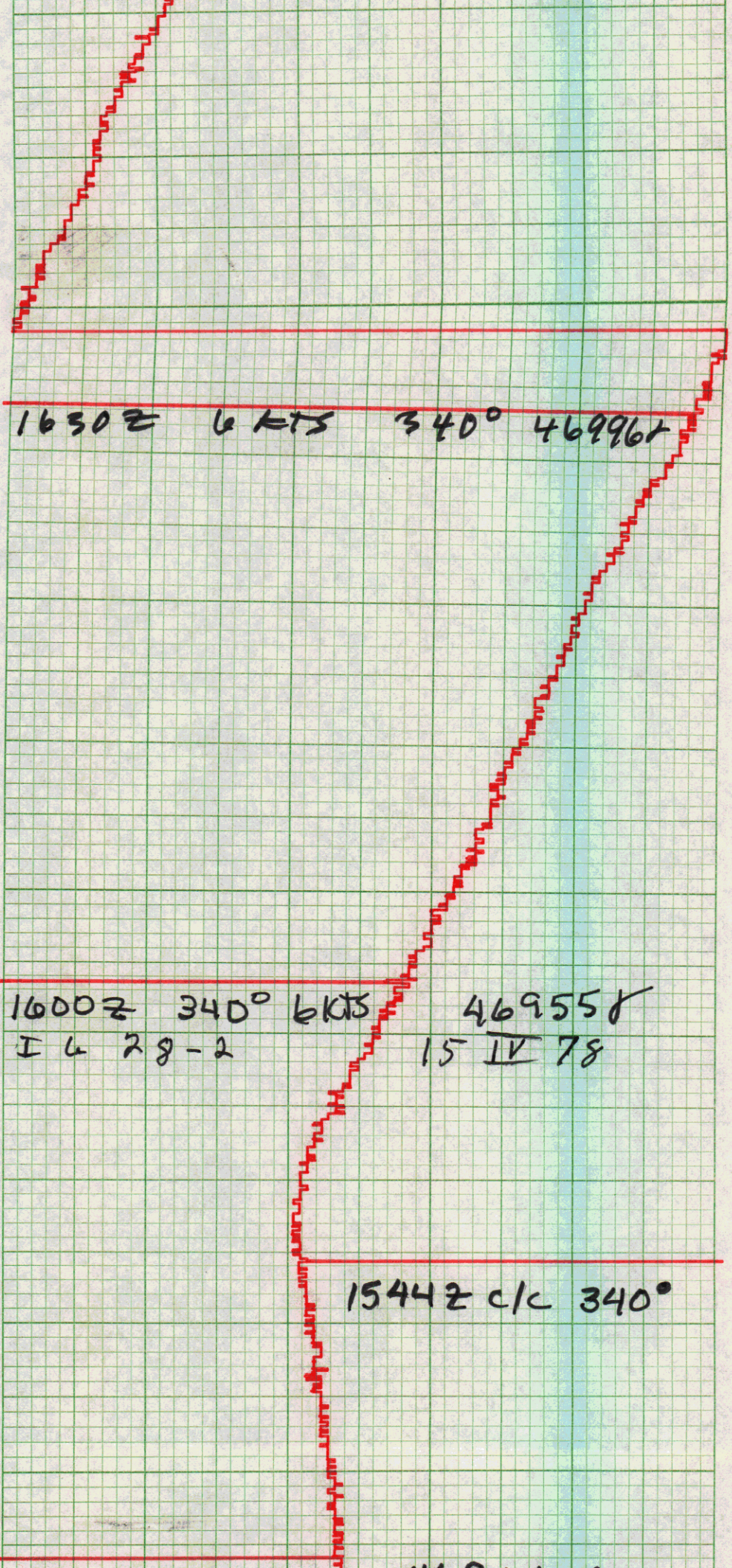

15 APRIL 78.
2330Z. 345°. 6KTS. 47438 Y
2313Z C/C 345°
2300Z 350°. 6KTS. 47386 Y.
15 APRIL 78
IG 28-2
2230Z 15 Apr 78
IG 28-2
350° @ 6kts
47357 Y

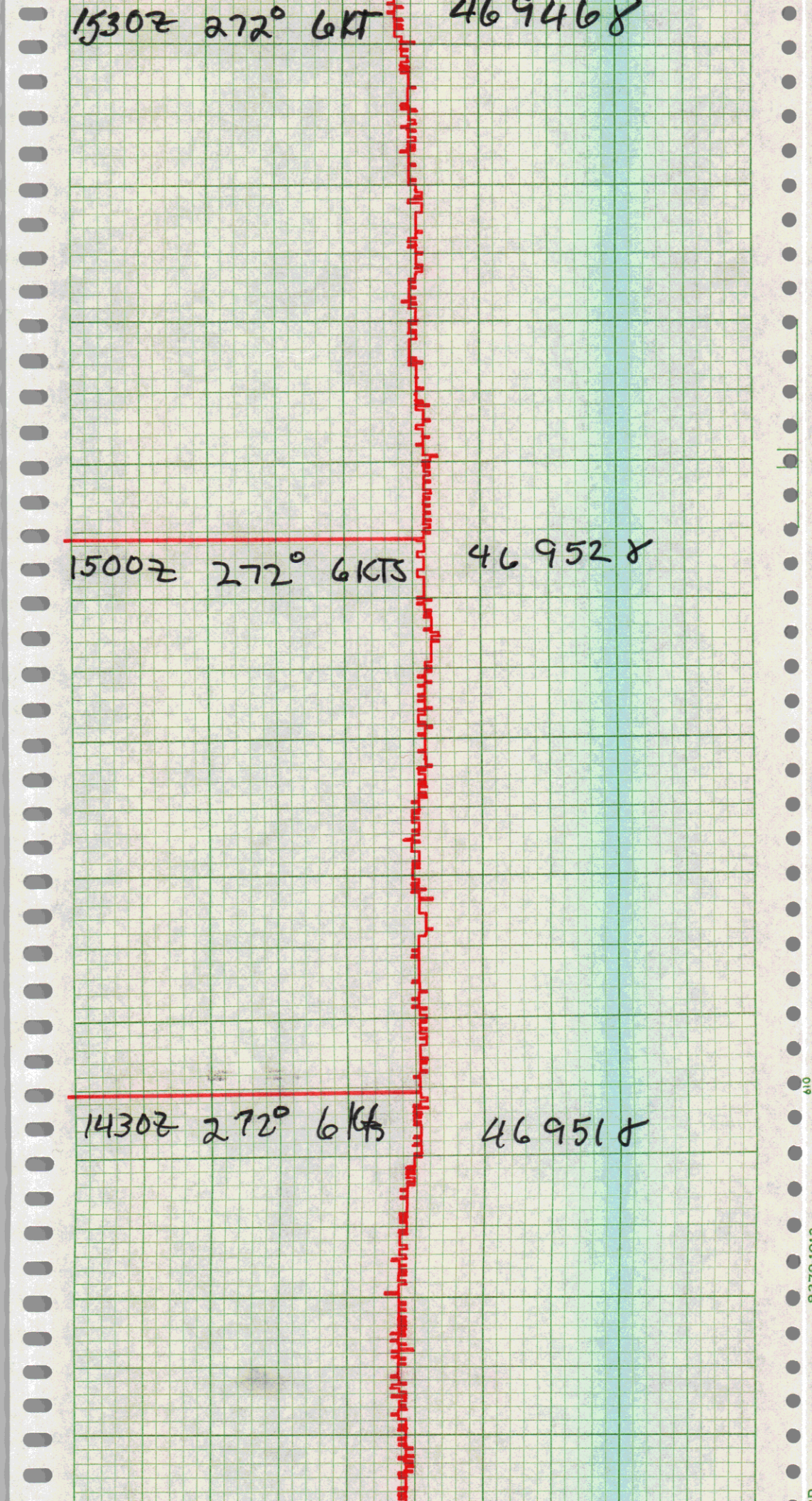

9
47327 R 2200Z
6KTS 350°
IG 28-2
15 IV 78
47299R 2130Z
350° 6KTS
IG 28-2
4/15/78
47281R 2100Z

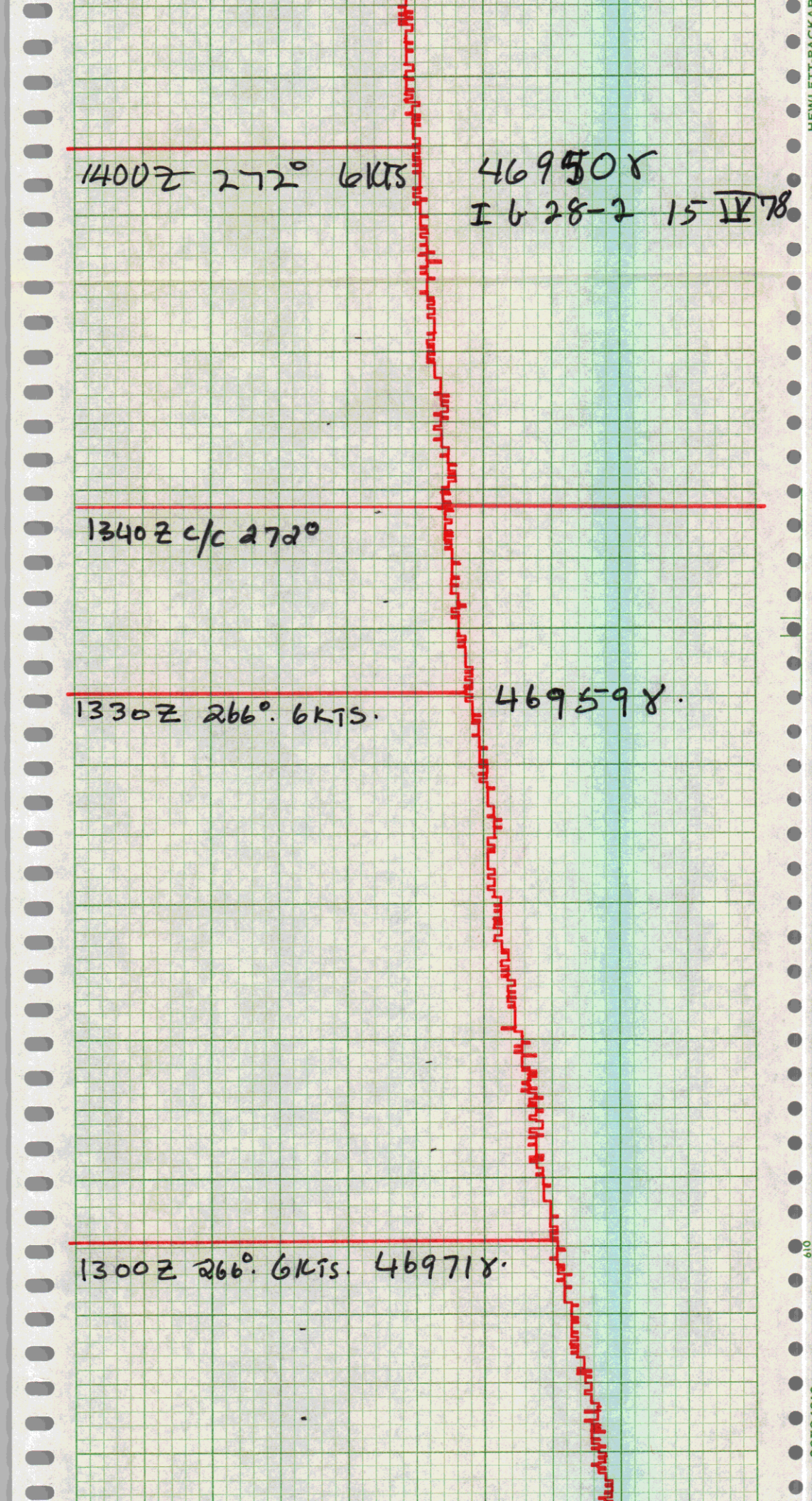

6KTS 350°
47266Y 2030Z
6KTS 350°
4-15-78
2000Z
6KTS 350°
47251Y
IO 28-2
15 IV 78

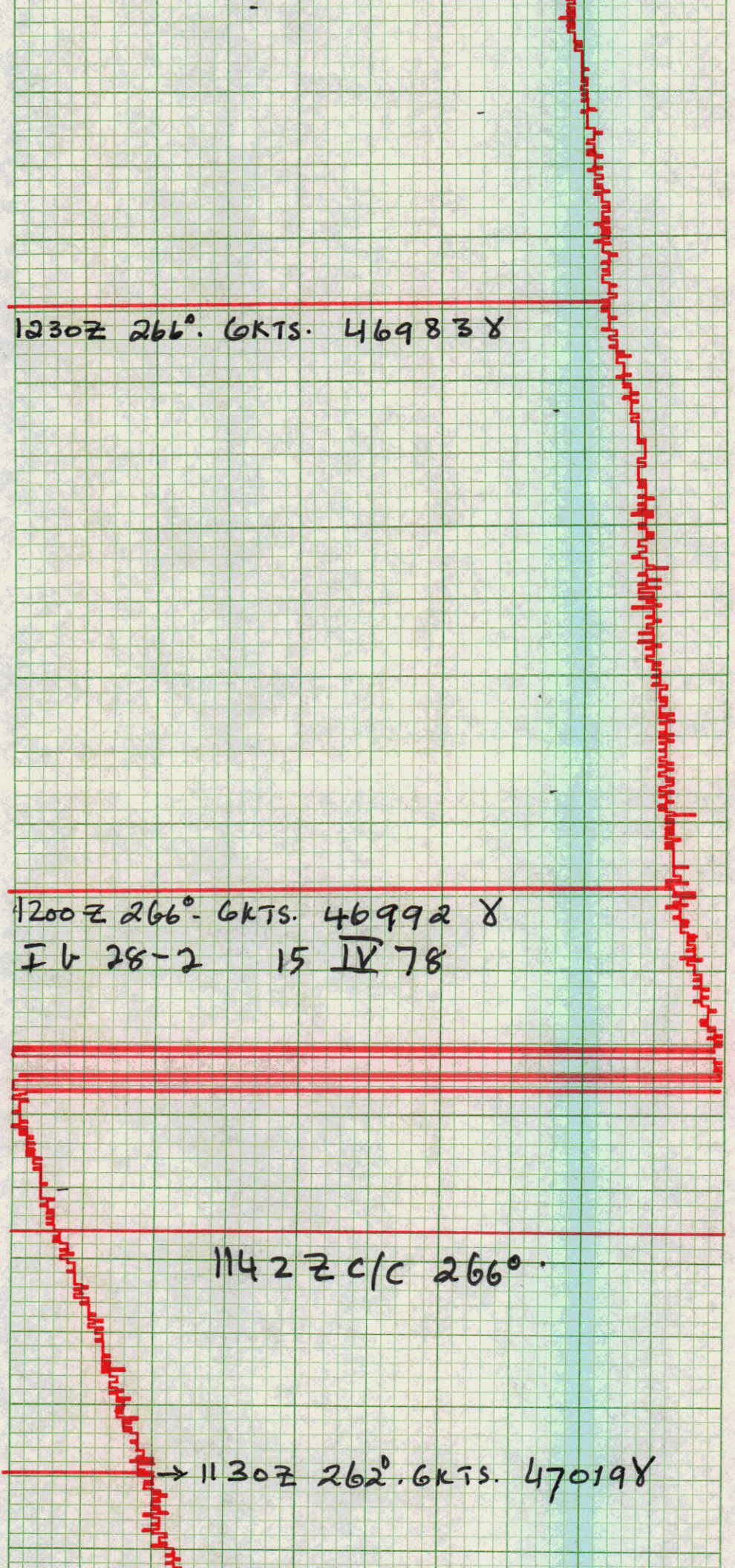

47230Y
350° 1930Z
1917Z c/s 1125 c/c 350°
47186Y 1900Z
6KTS 020°
2
47148Y 1830Z
020° 6KTS
1816Z c/c 020°

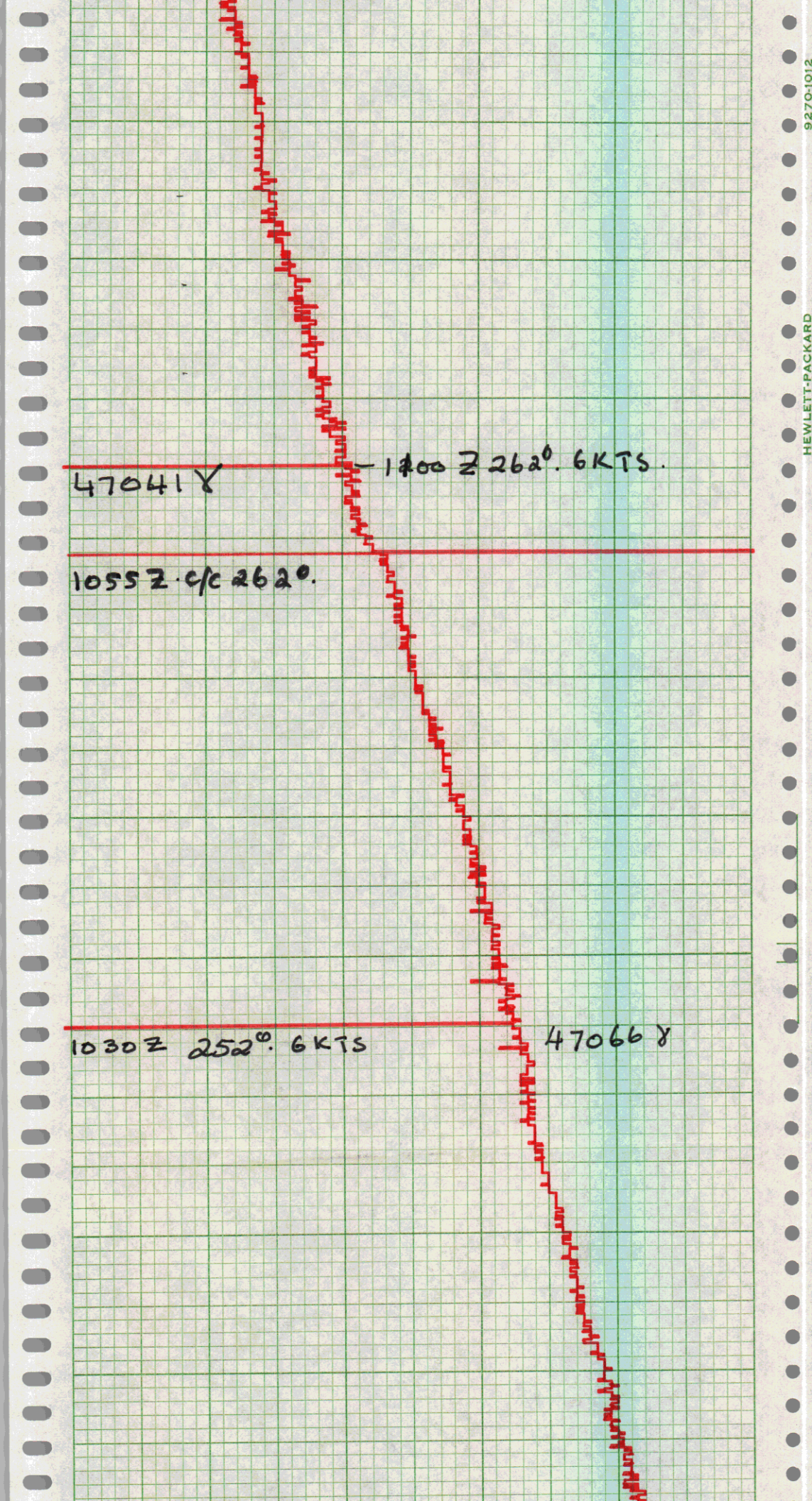

1800Z 000° 6KTS 47099 δ
IL 28-2 15 IV 78
1730Z 000° 6 Kts 47065 δ
1714Z C/L 000°
1700Z 340° 6KTS 47033 δ

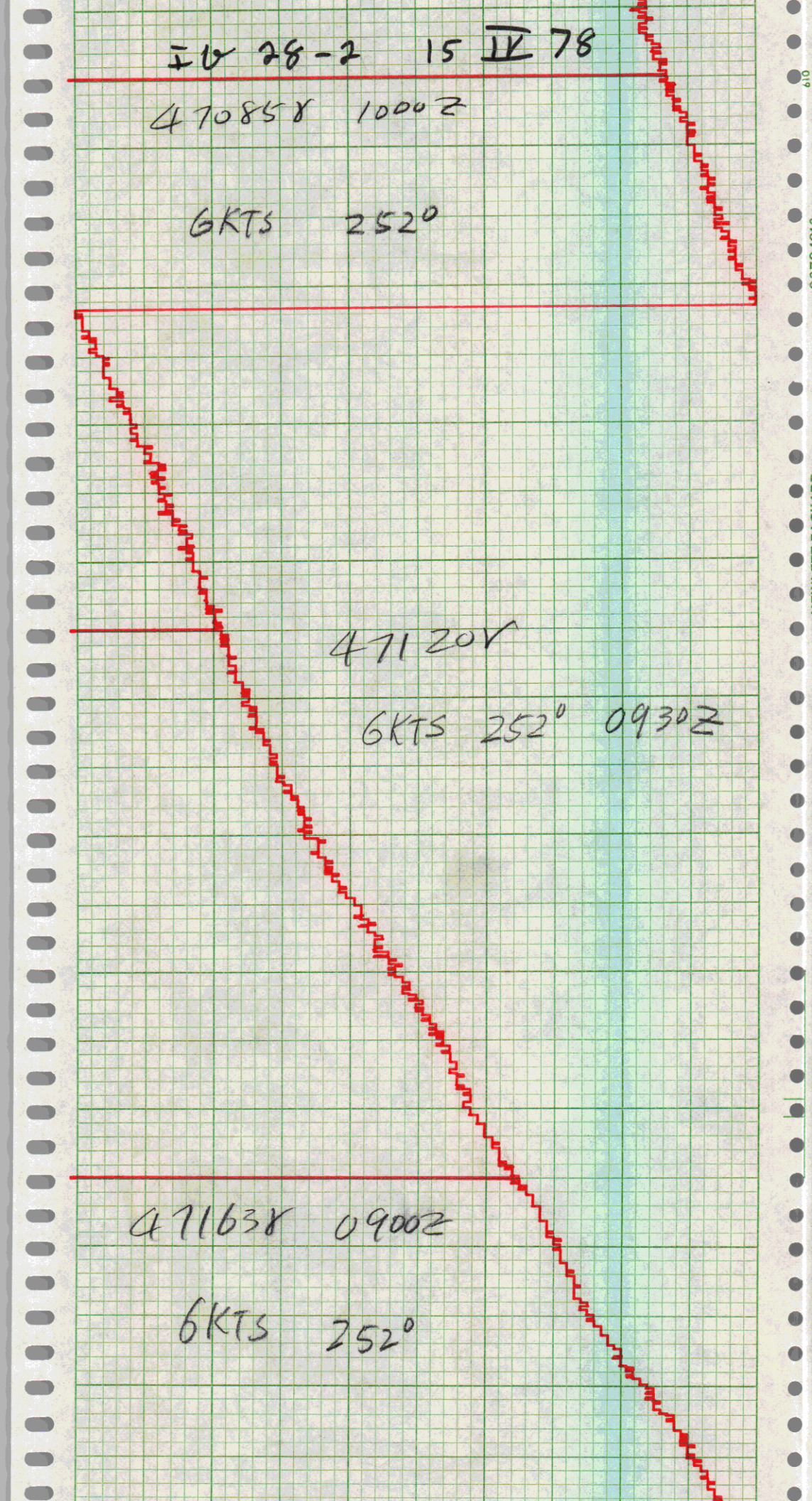

1630Z 6 KTS 340° 46996t
1600Z 340° 6KTS 46955t
I 4 28-2
15 IV 78
1544Z c/c 340°

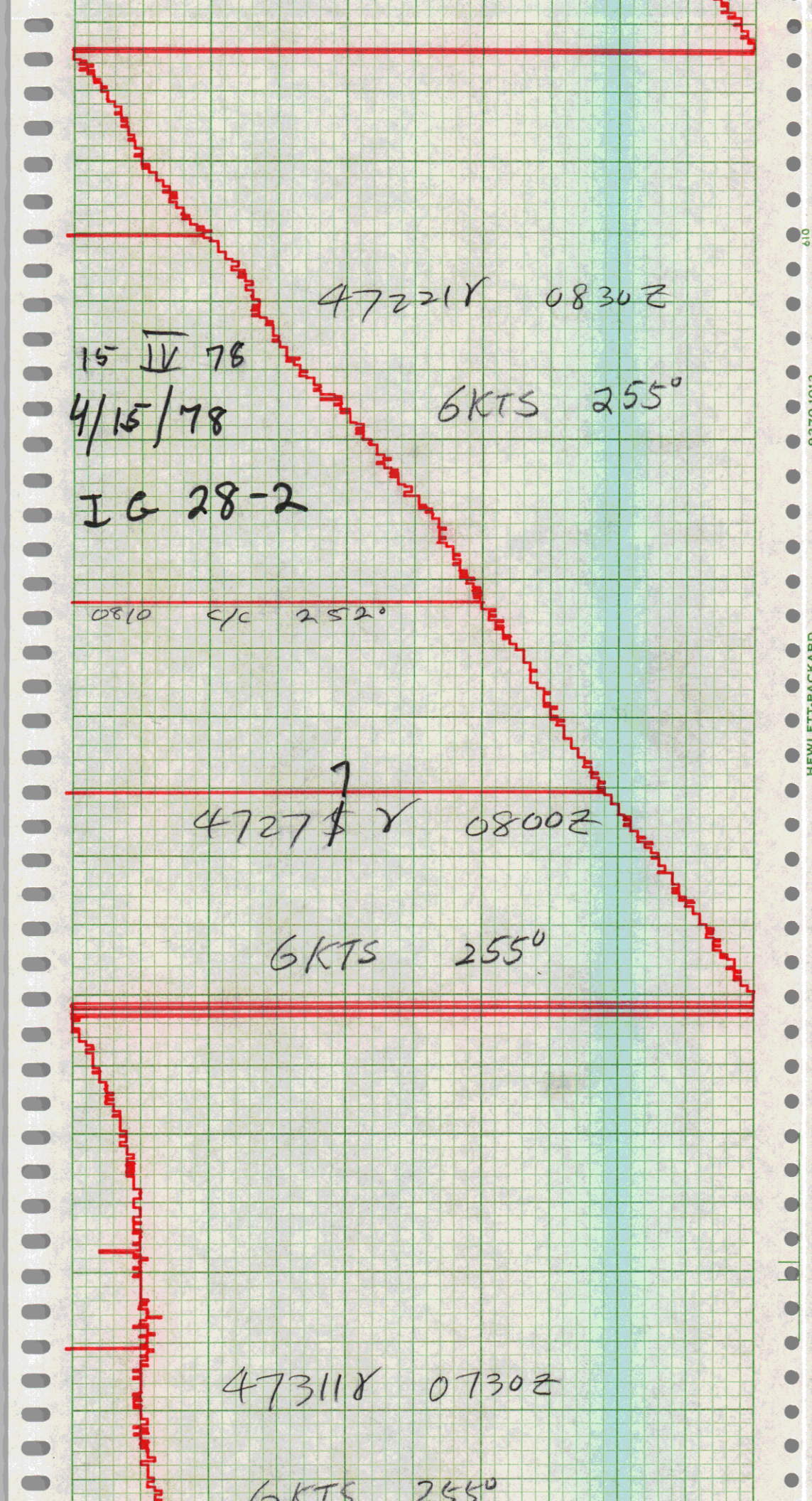

1530Z 272° 6KT
469468
1500Z 272° 6KTS
469528
1430Z 272° 6KTS
469518

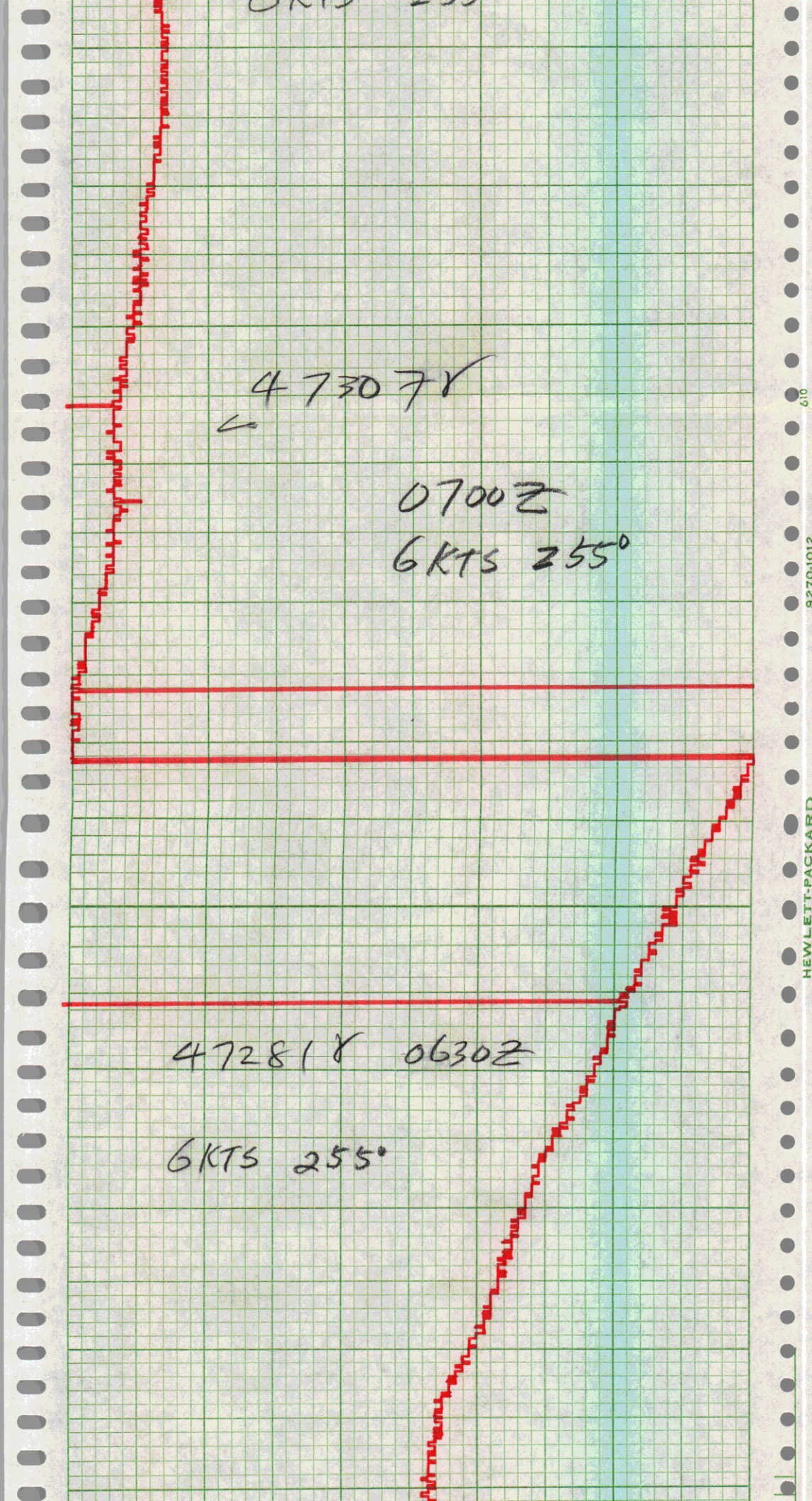

1400Z 272° 6KTS
4695.0 8
I 628-2 15 W 78
1340Z c/c 272°
1330Z 266°. 6KTS.
4695.98.
1300Z 266°. 6KTS. 469718.

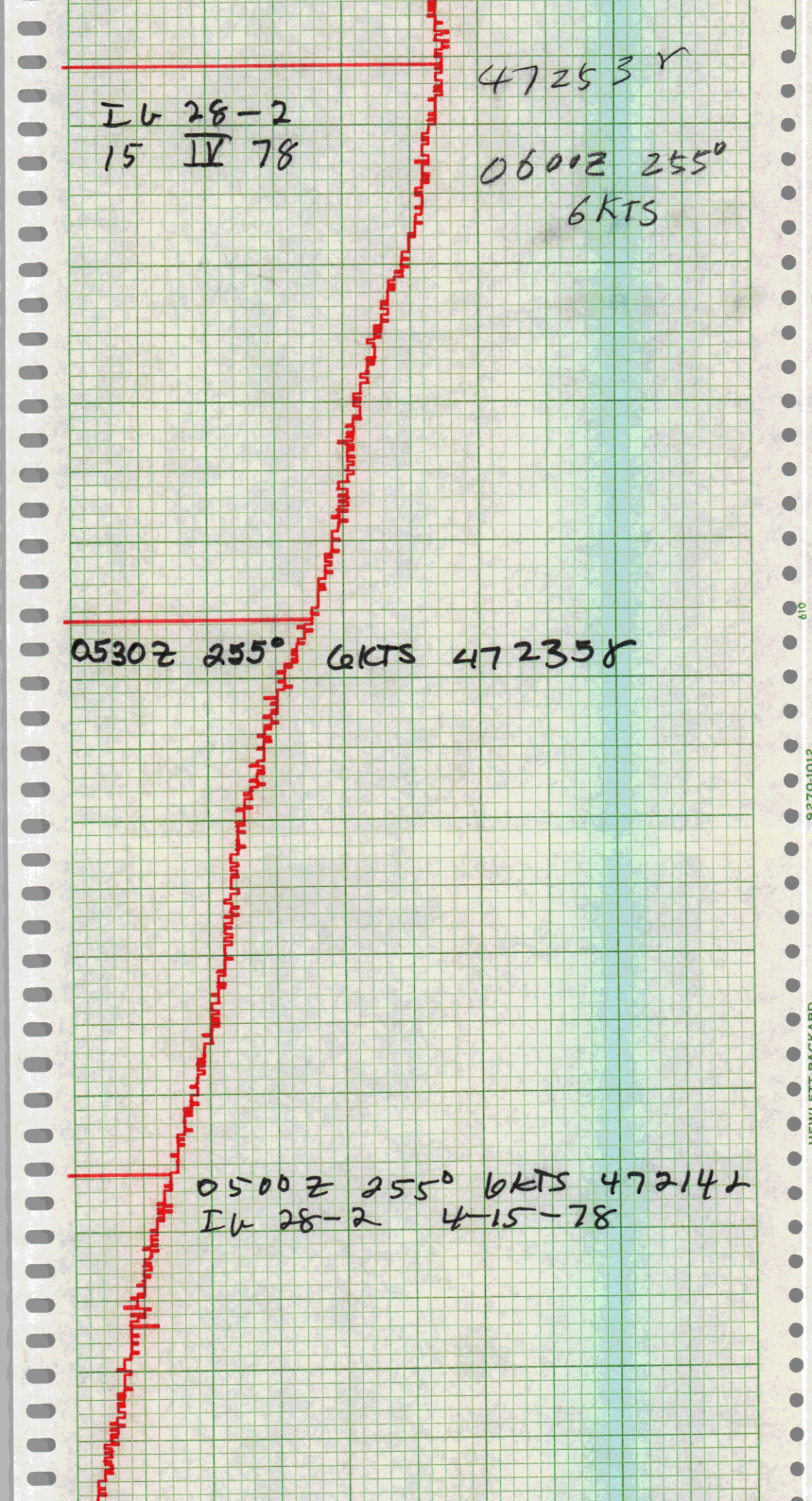

1230Z 266°. 6KTS. 46983 Y
1200Z 266°. 6KTS. 46992 Y
IL 28-2 15 IV 78
1142Z C/C 266°.
1130Z 262°. 6KTS. 47019 Y

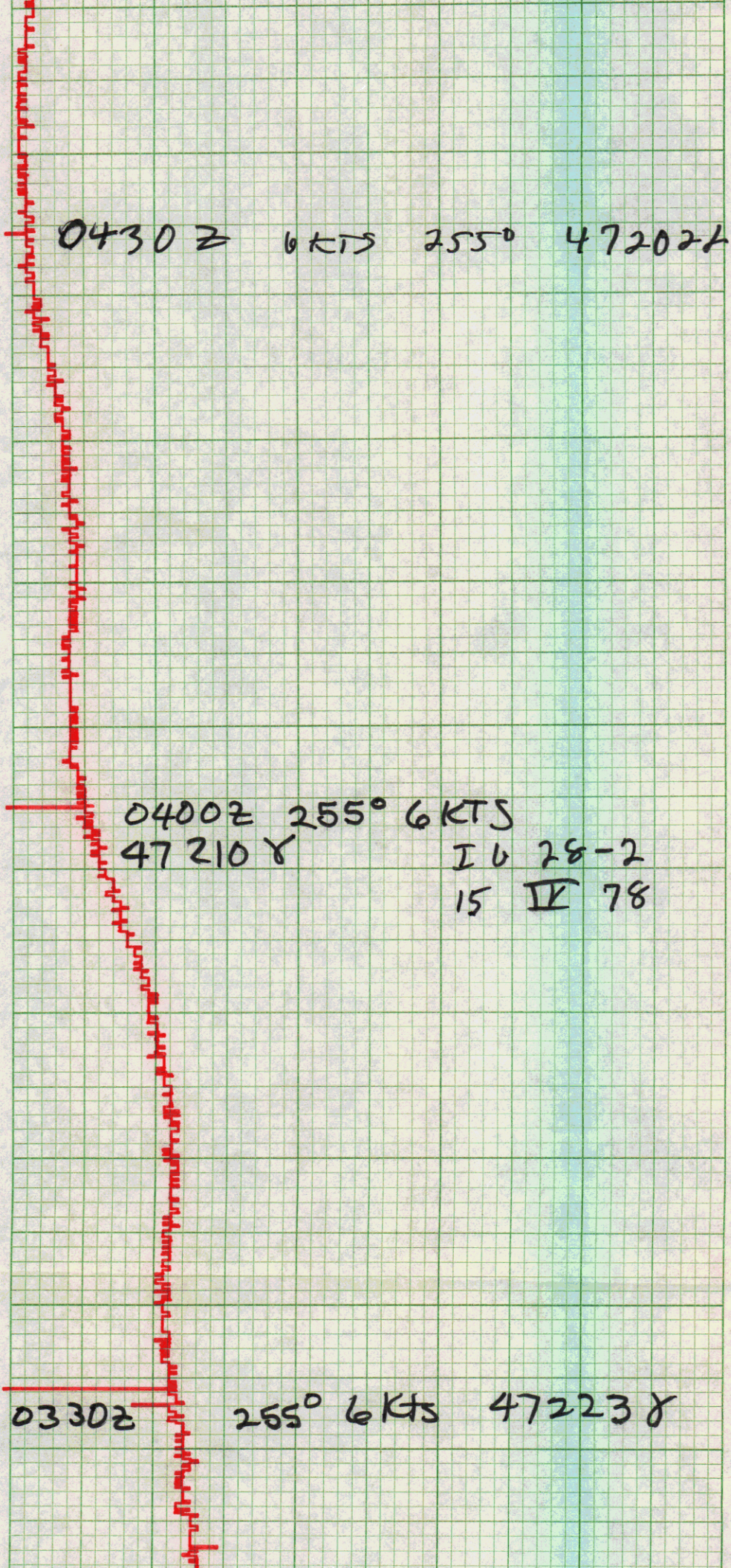

47041 Y
1200 Z 262°. 6KTS.
1055 Z · C/C 262°.
1030 Z 252°. 6KTS
47066 Y

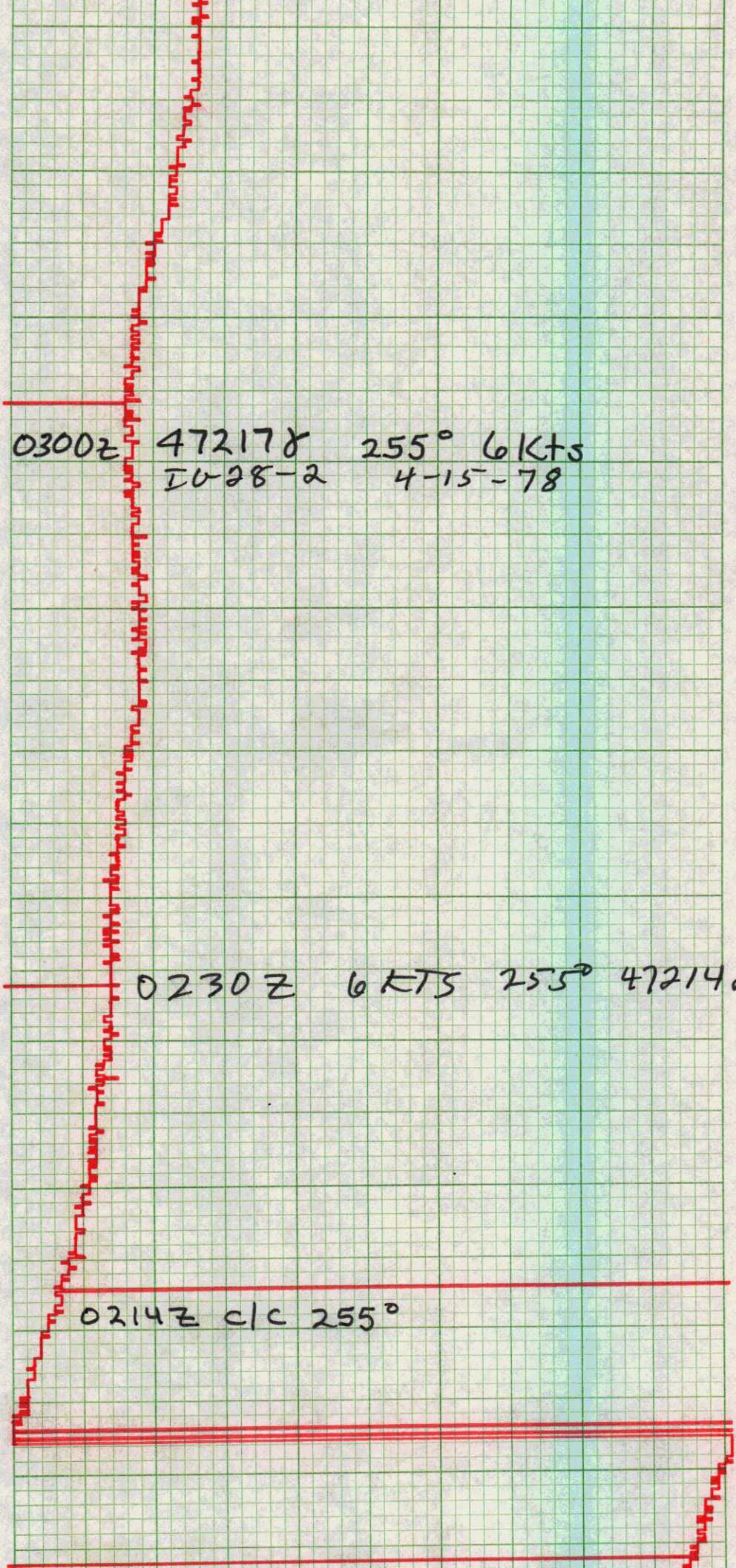

IV 28-2 15 IV 78
470858 1000Z
6KTS 252°
471207
6KTS 252° 0930Z
471638 0900Z
6KTS 252°

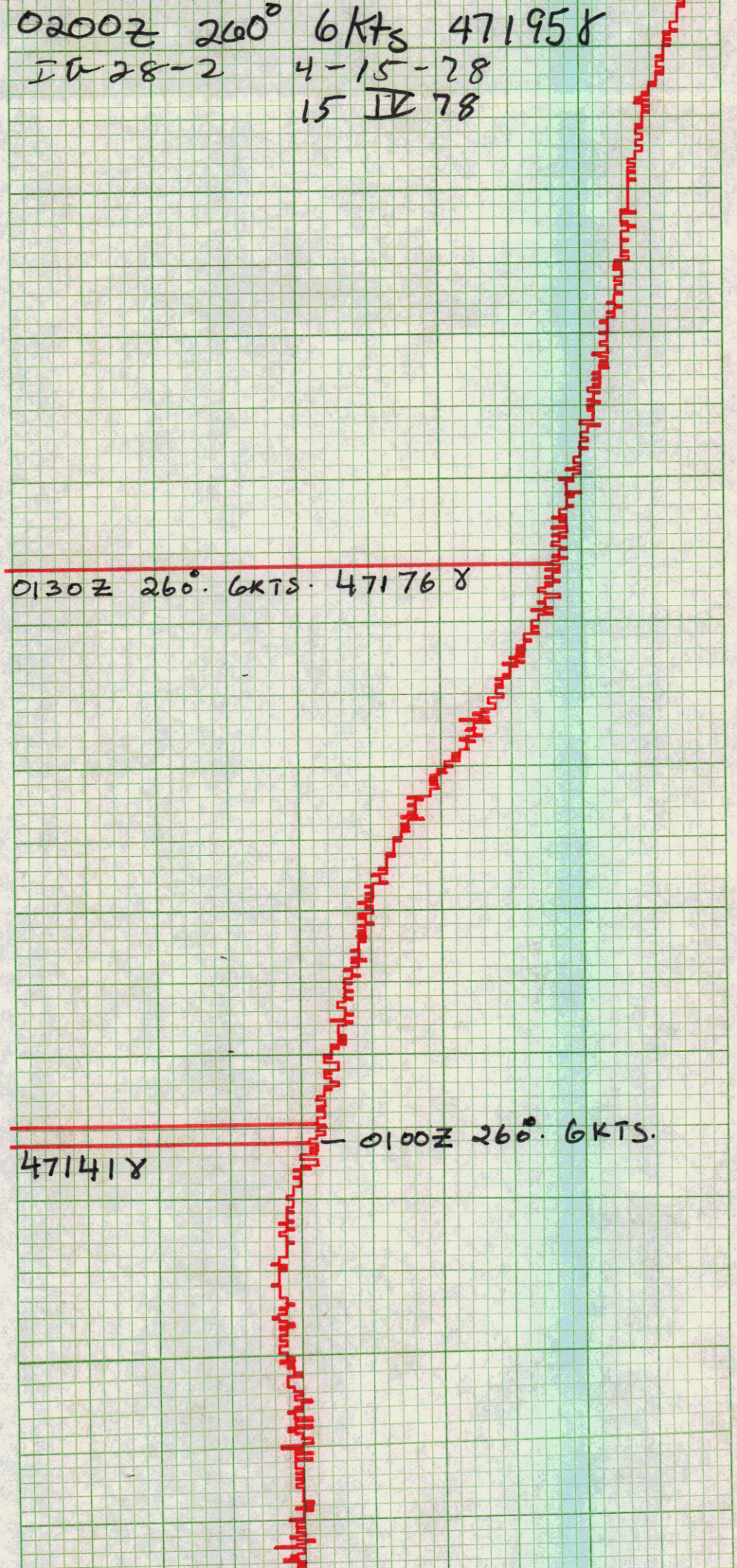

47221Y 0830Z
15 IV 78
4/15/78
6KTS 255°
IG 28-2
0810 C/C 252°
4727$ Y 0800Z
6KTS 255°
473118 0730Z
6KTS 255°

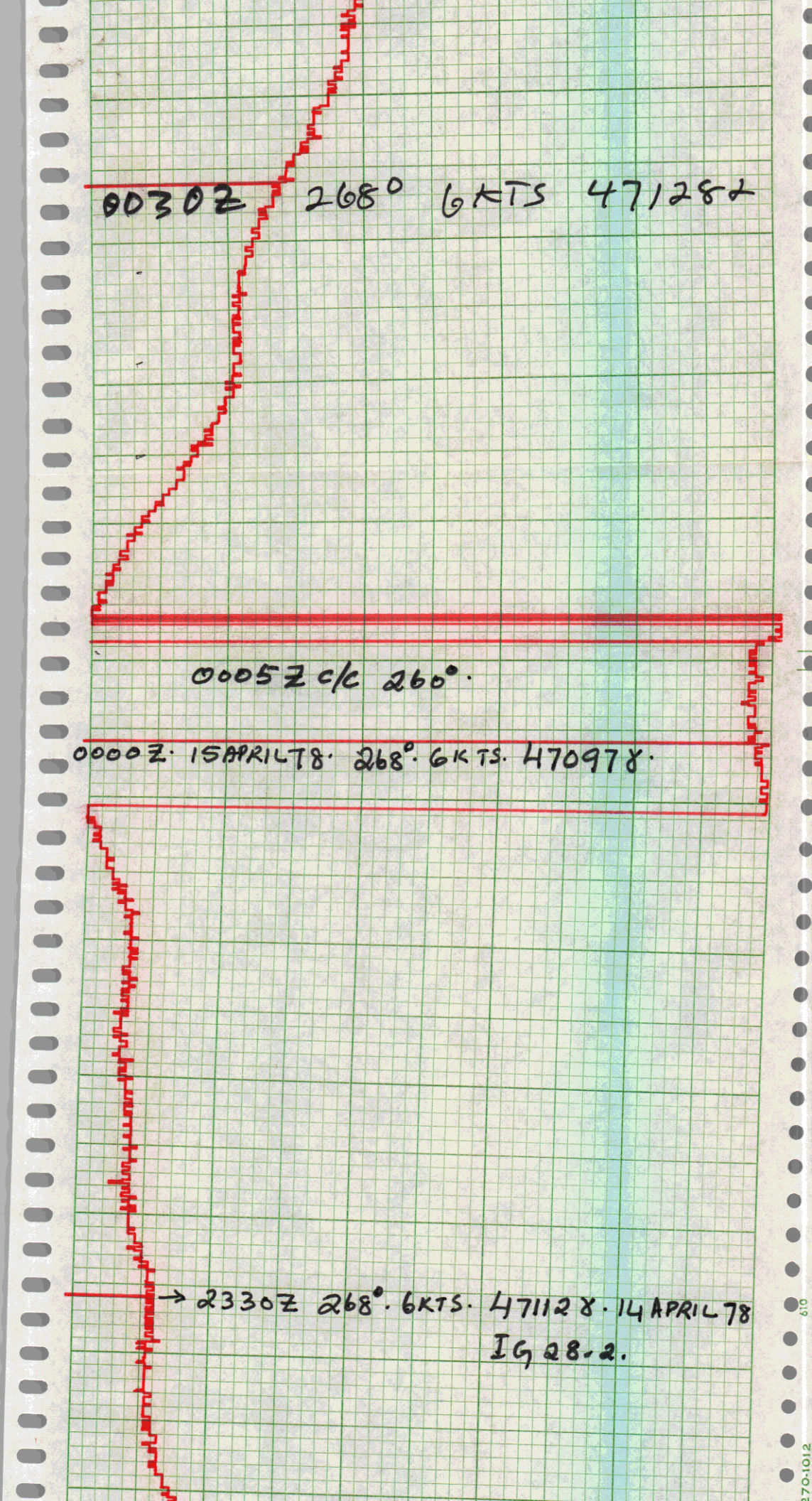

6KTS 255°
473078
0700Z
6KTS 255°
472818
0630Z
6KTS 255°

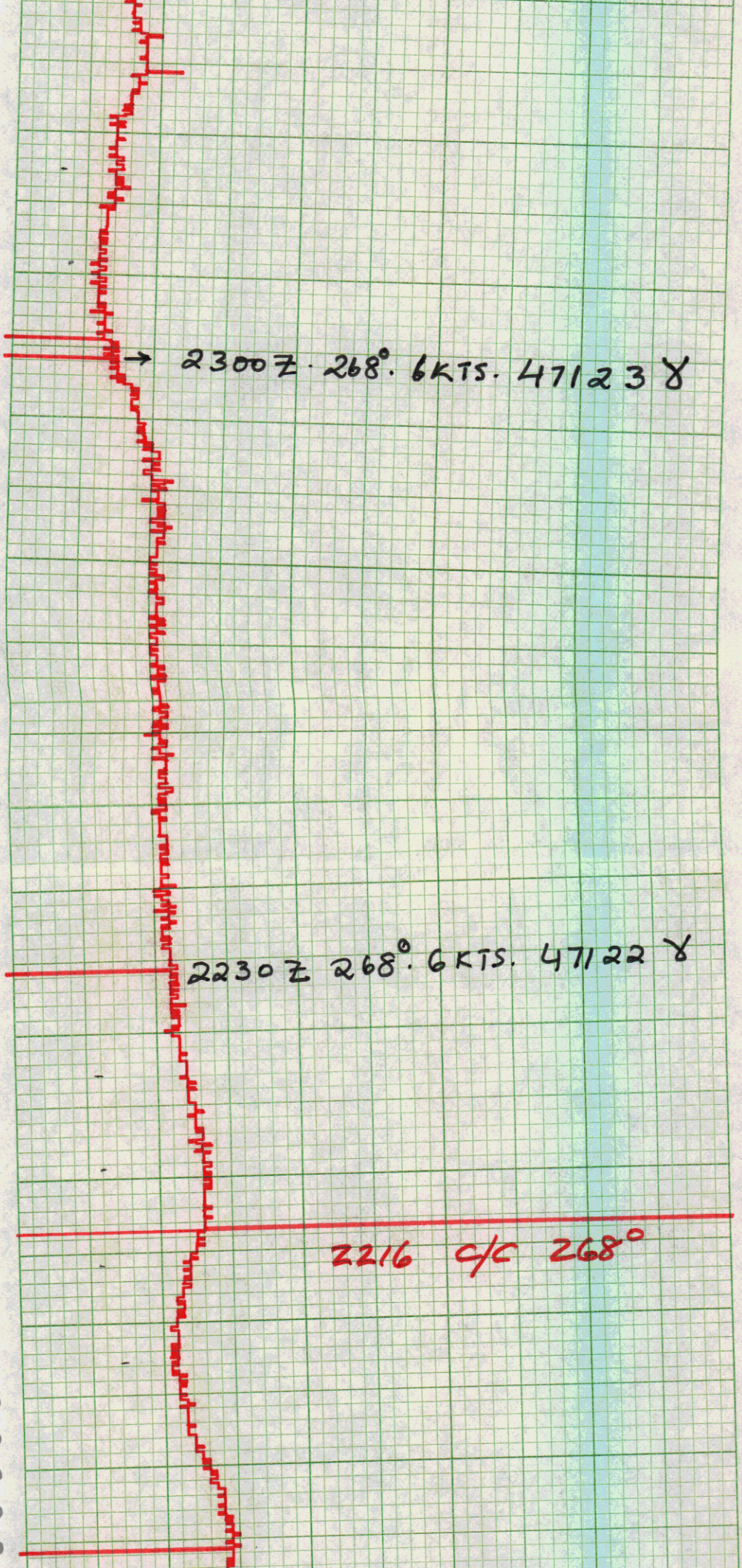

IL 28-2
15 IV 78
47253 r
0600Z 255°
6KTS
0530Z 255° 6KTS 47235 r
0500Z 255° 6KTS 47214 r
IL 28-2 4-15-78

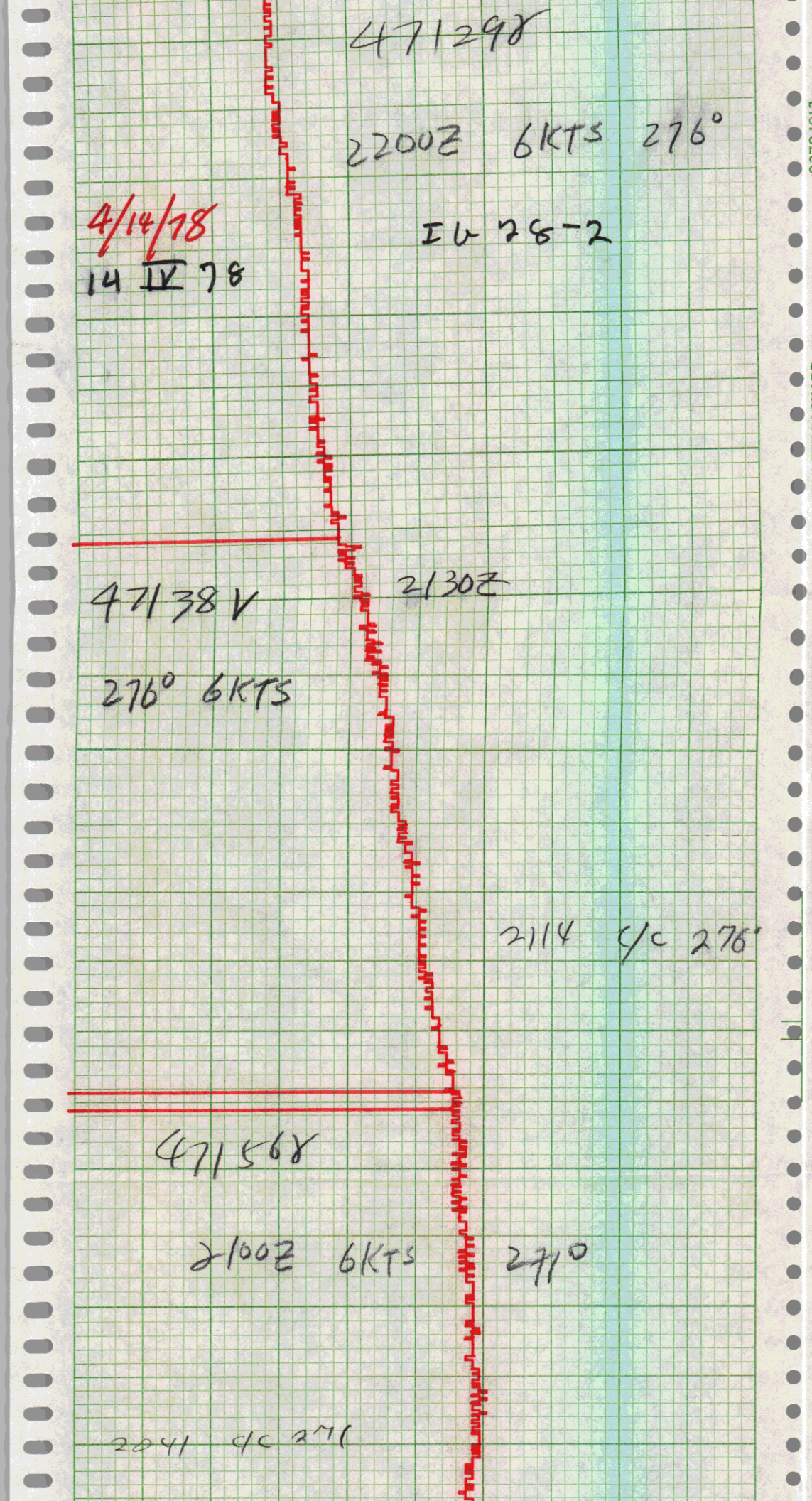

0430Z 6KTS 255° 472024
0400Z 255° 6KTS
47210Y
IC 28-2
15 IV 78
0330Z 255° 6Kts 472238

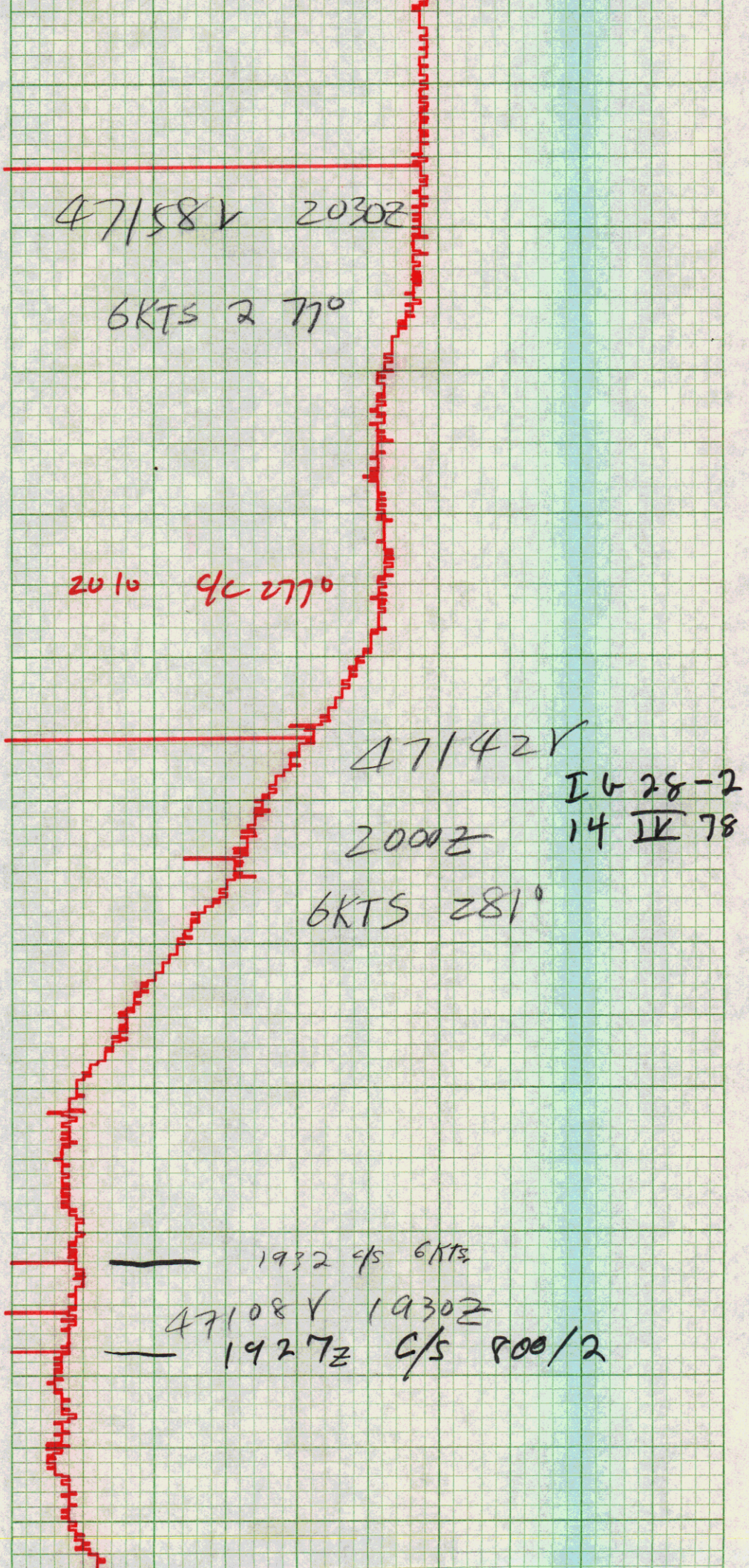

0300Z 47217δ 255° 6Kts
IU-28-2 4-15-78
0230Z 6 KTS 255° 47214δ
0214Z c/c 255°

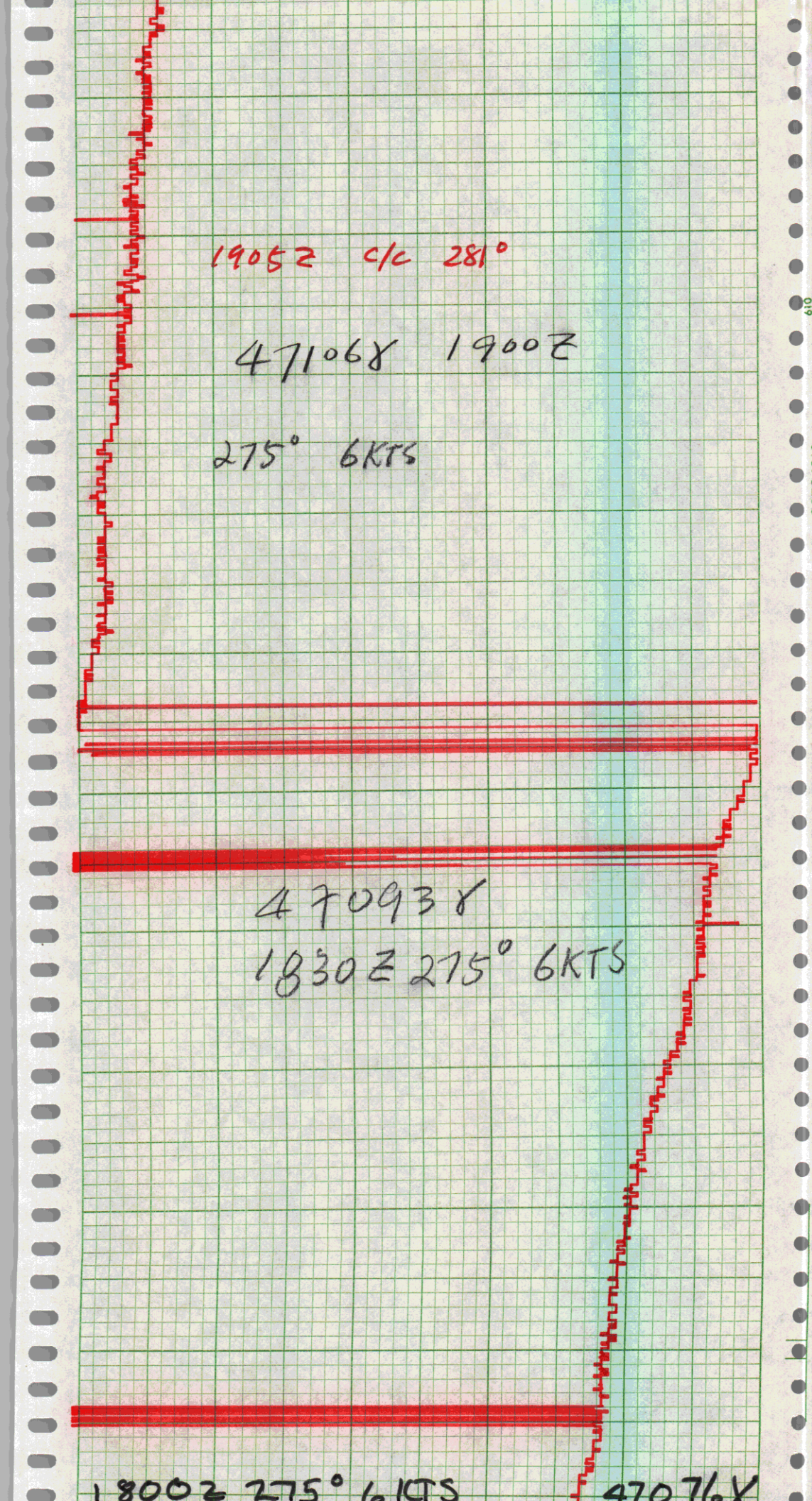

0200Z 260° 6KTS 471958
IV-28-2
4-15-78
15 IV 78
0130Z 260° 6KTS 471768
0100Z 260° 6KTS
471418


00302 268° 6KTS 471282
0005Z c/c 260°.
0000Z. 15APRIL78. 268°. 6KTS. 470978.
→ 2330Z 268°. 6KTS. 471128. 14APRIL78
IG 28.2.


2300Z · 268° · 6KTS · 47123 Y
2230Z 268° · 6KTS · 47122 Y
2216 C/C 268°


4/14/18
14 IV 78
47129S
2200Z 6KTS 276°
IV 78-2
47138V
2130Z
276° 6KTS
2114 C/C 276°
47156S
2100Z 6KTS 270
2041 C/C 271


47/58V 2030Z
6KTS 2 77°
2010 qc 2770
47/42V
2000Z
6KTS 281°
IV 28-2
14 IK 78
1932 c/s 6KTS
47/08V 1930Z
1927Z C/S 800/2

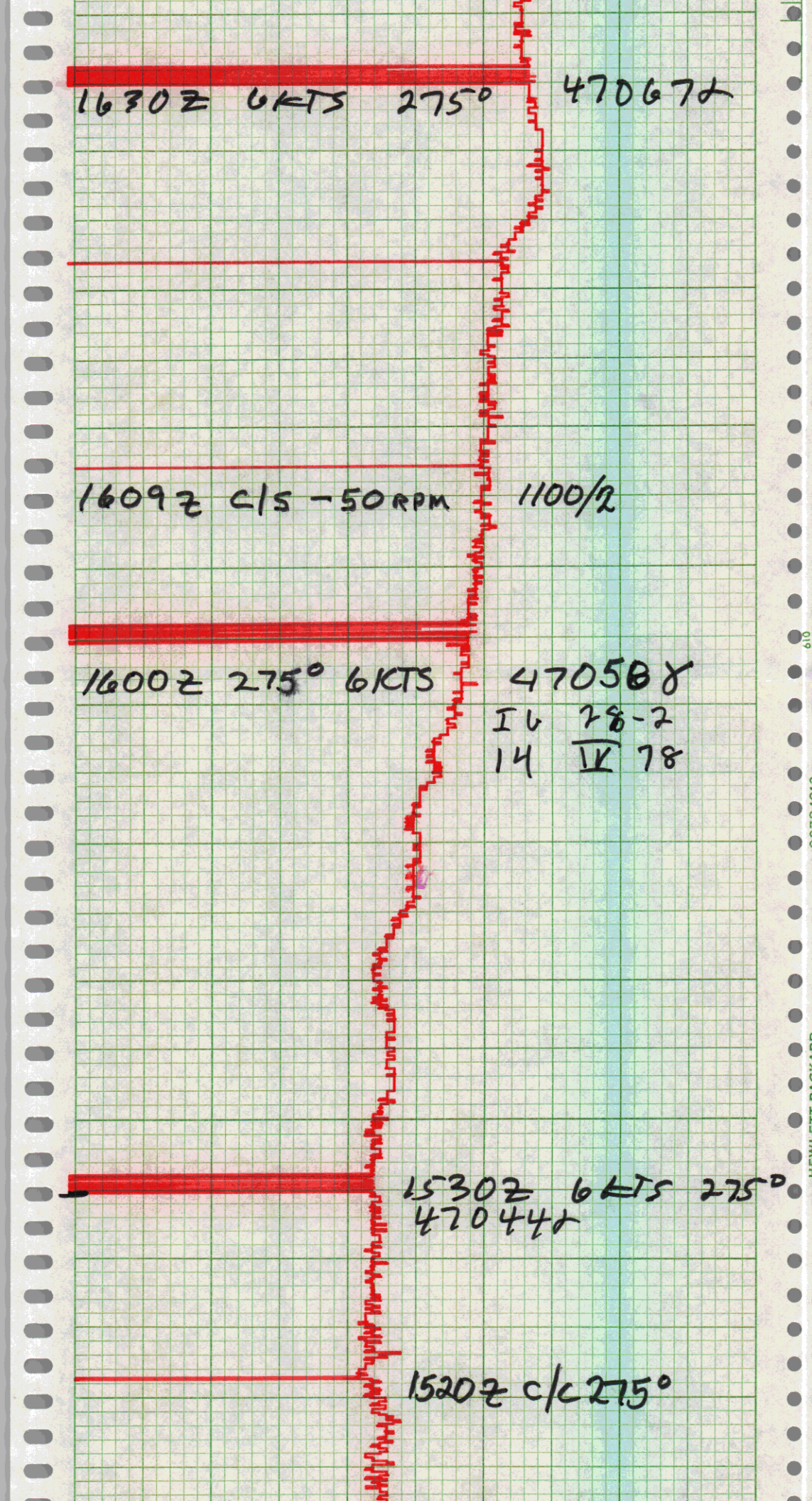

1905Z C/C 281°
4710 6X 1900Z
275° 6KTS
4709 3X
1830Z 275° 6KTS
1800Z 275° 6KTS
4707 6X

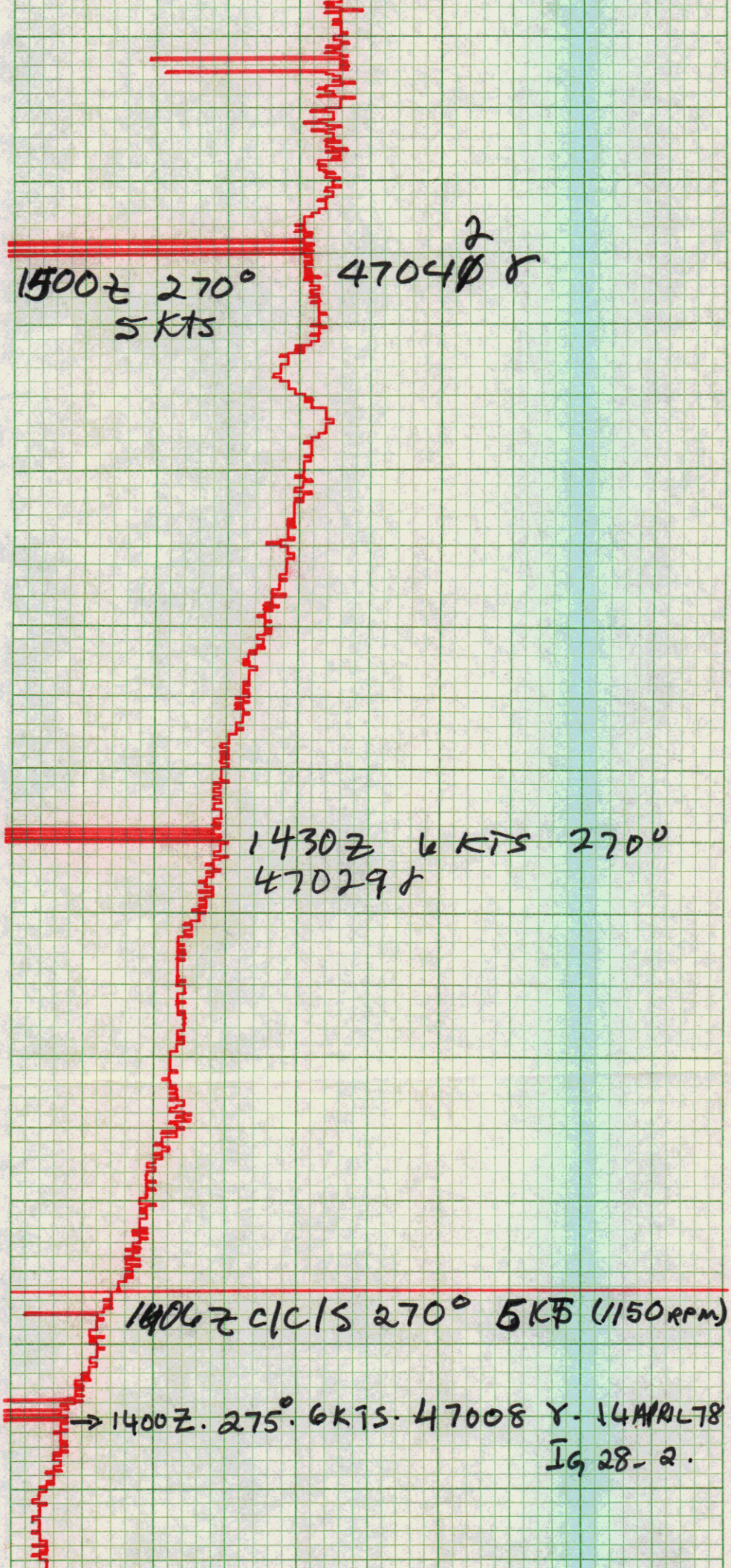
IL 28-2 14 IV 78

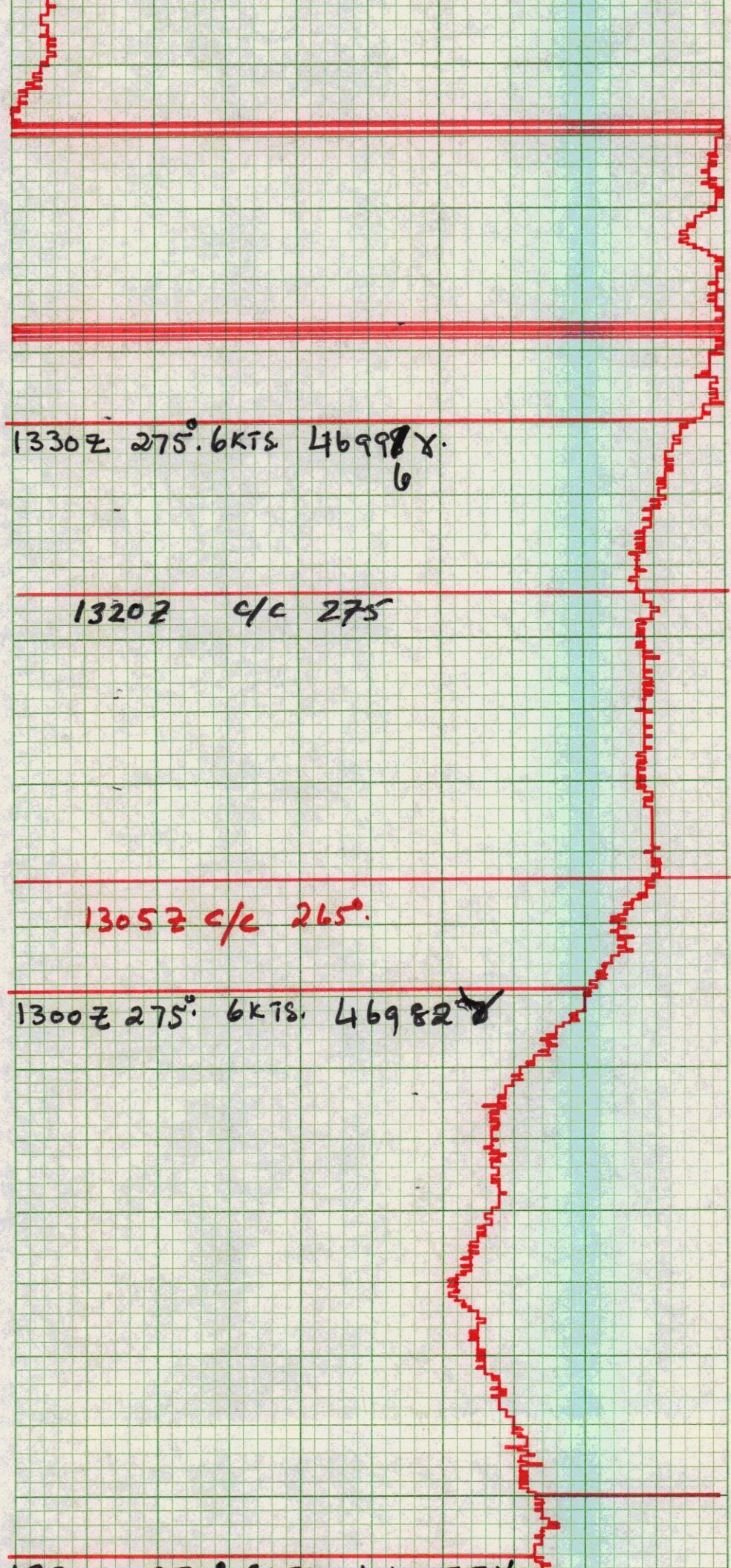
1730Z 277° 6 KTS 47066 ↓

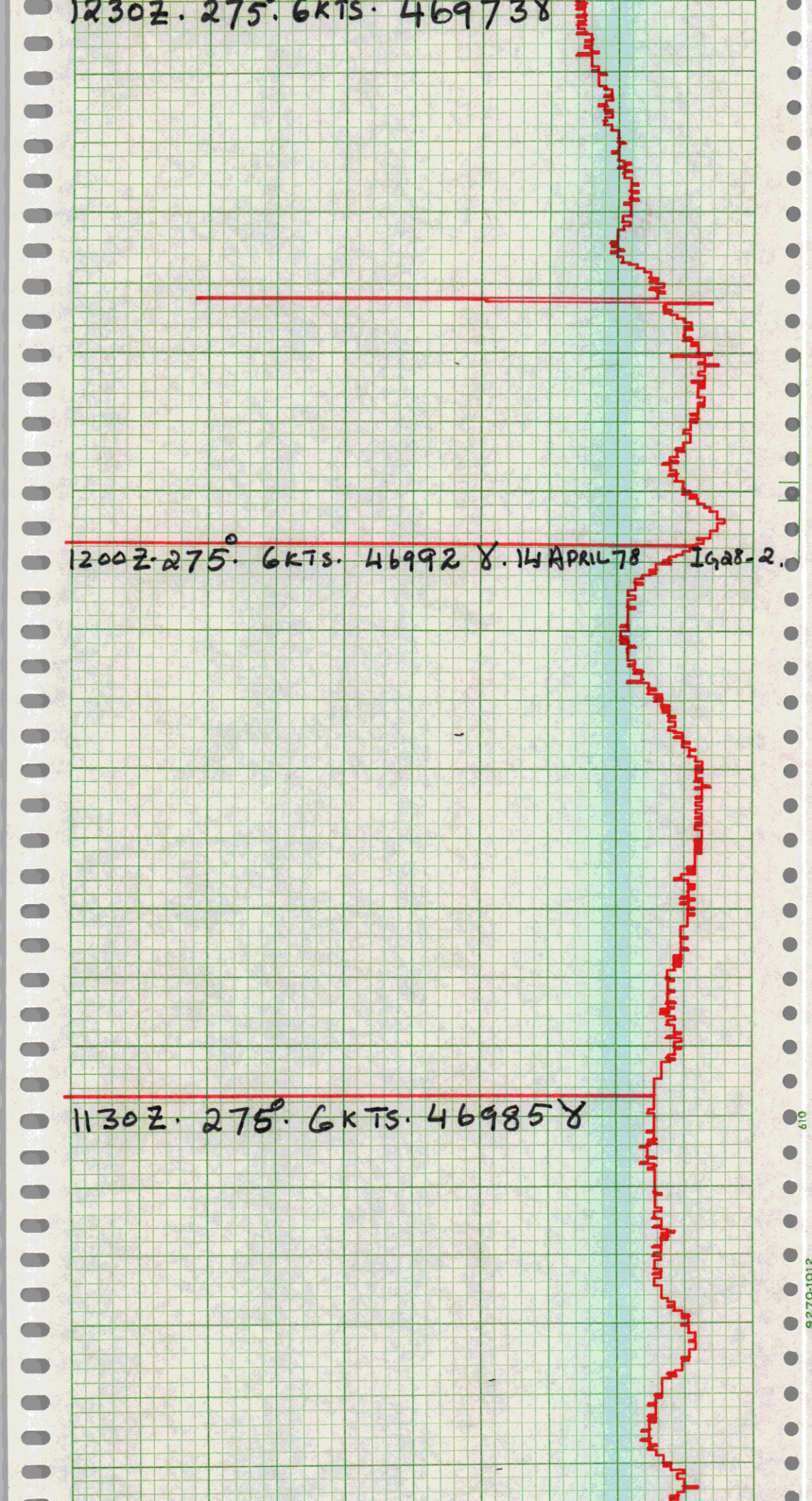
1700Z c/c 277°

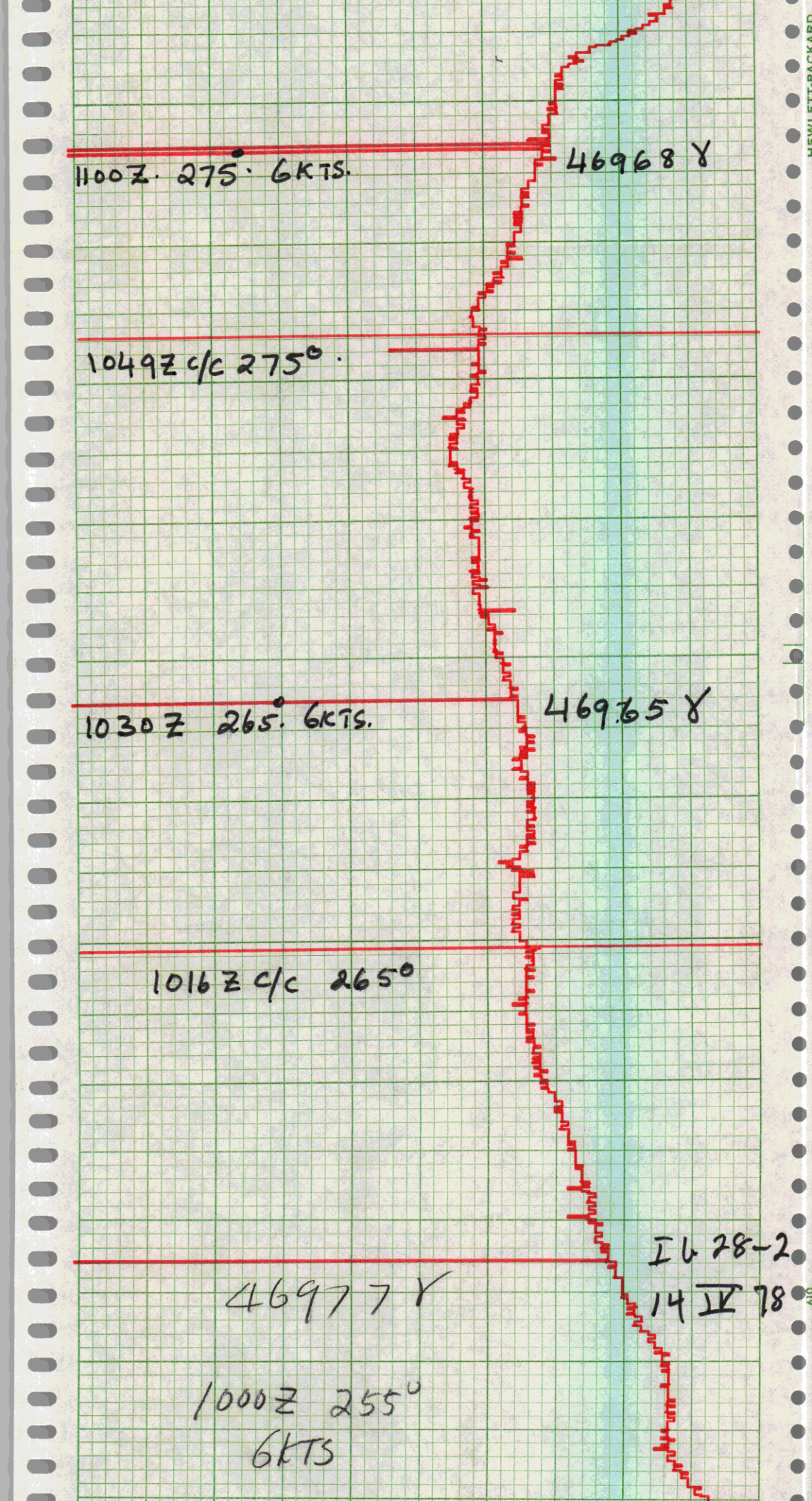
1700Z 6KTS 275° 47065 ↓

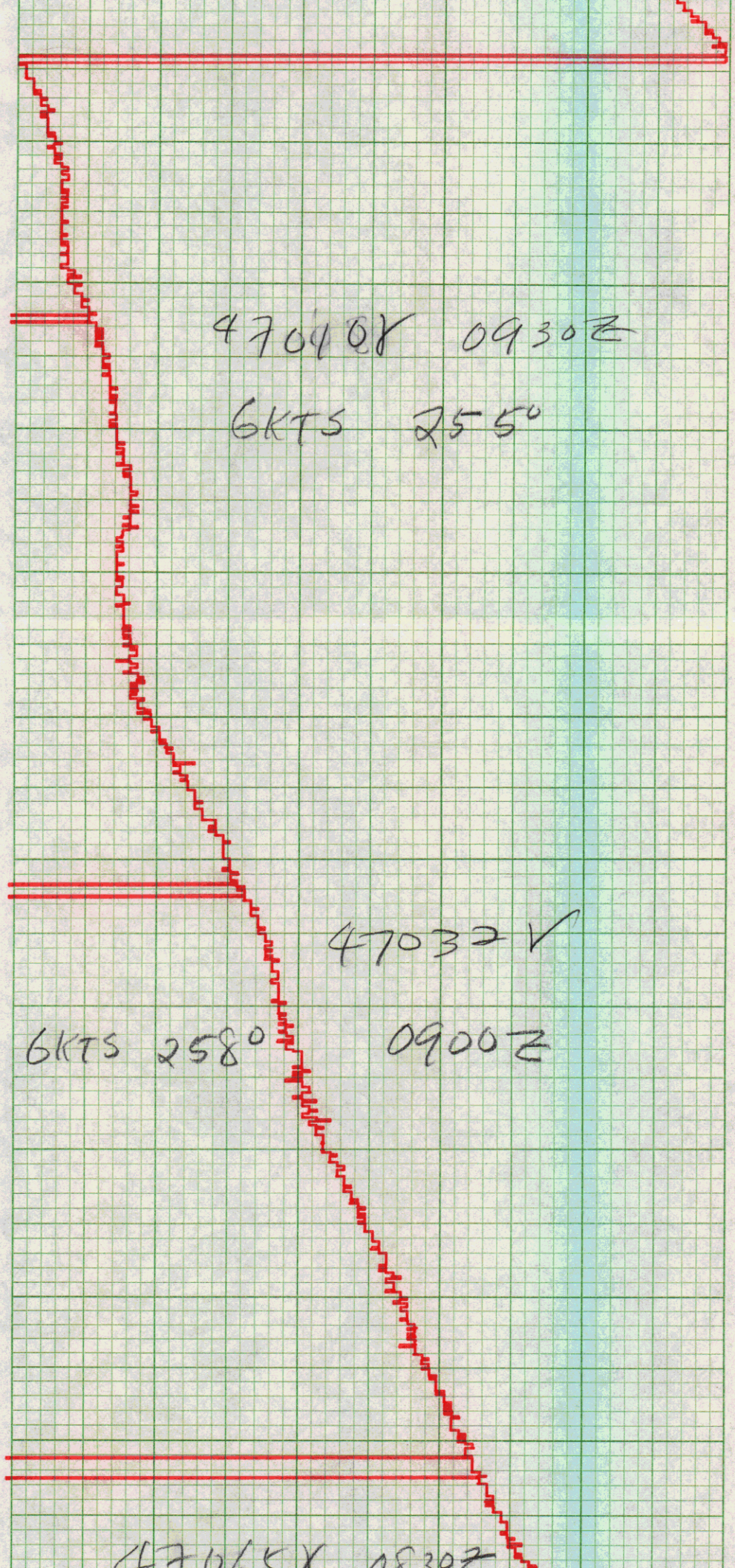

1630Z 6KTS 275° 4706.7α
1609Z C/S -50RPM 1100/2
1600Z 275° 6KTS 4705.8γ
IL 28-2
14 IV 78
1530Z 6KTS 275°
4704.4α
1520Z C/C 275°


1500Z 270°
5 KTS
47040Ø 2 δ
1430Z 6 KTS 270°
47029 δ
1406Z C/C 5 270° 5KTS (1150 RPM)
→1400Z. 275°. 6KTS. 47008 Y. 14MAR78
IG 28-2.


1330Z 275°. 6KTS. 46998 Y.
6
1320Z C/C 275
1305Z C/C 265°.
1300Z 275°. 6KTS. 46982


1230Z. 275°. 6KTS. 469738
1200Z. 275°. 6KTS. 46992 8. 14 APRIL 78 IG28-2.
1130Z. 275°. 6KTS. 469858


1100Z. 275°. 6KTS.
46968 Y
1049Z c/c 275°.
1030Z 265°. 6KTS.
46965 Y
1016Z c/c 265°
IL 28-2
14 II 78
46977 Y
1000Z 255°
6KTS


470408 0930Z
6KTS 255°
470327
6KTS 258° 0900Z

6KTS 258°

0814Z C/C 250°

4709 1/2 V 0800Z

258° 6KTS

IV 28-2

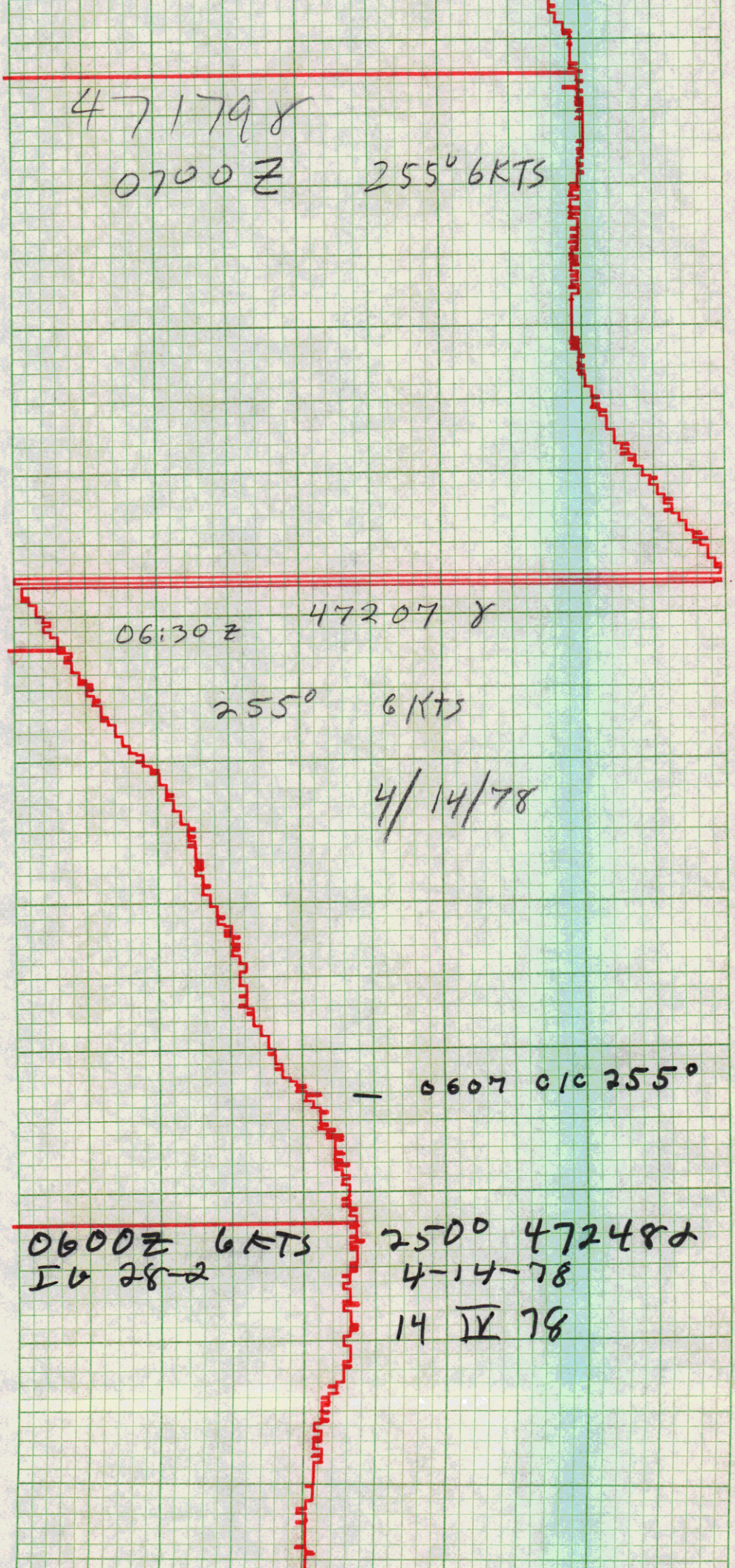
14 IV 78

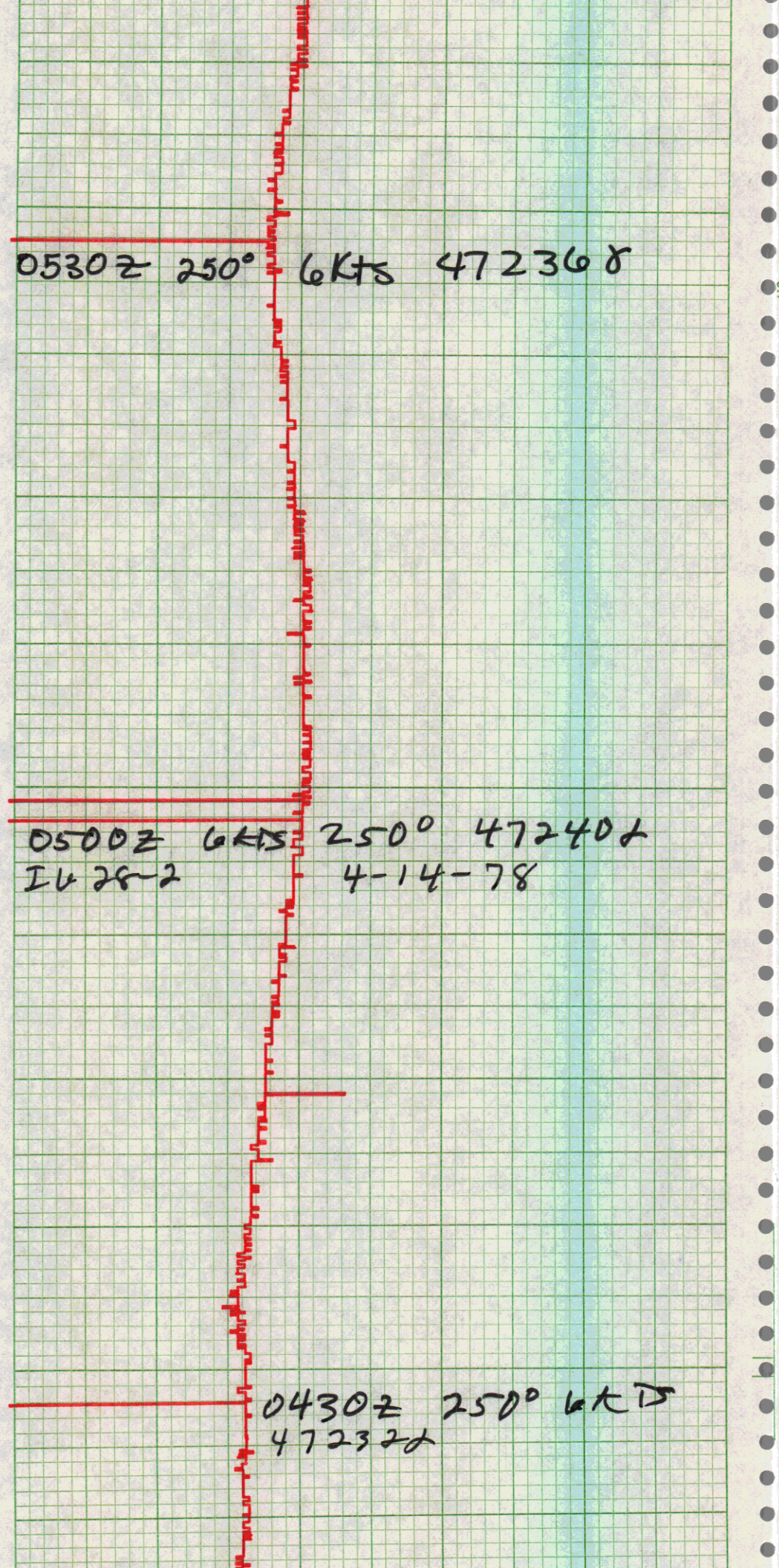
0737Z C/C 258°

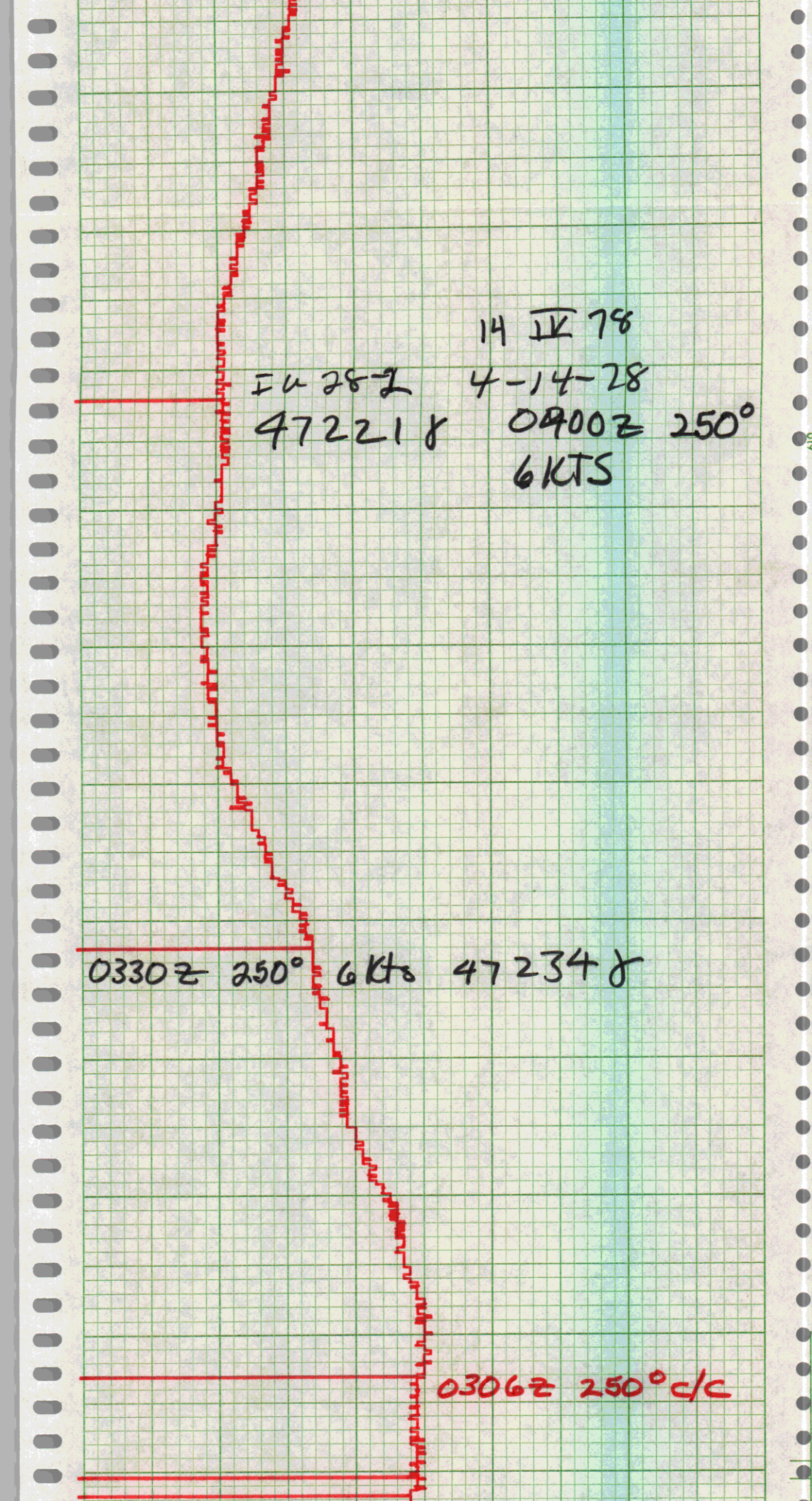
4713 4/8

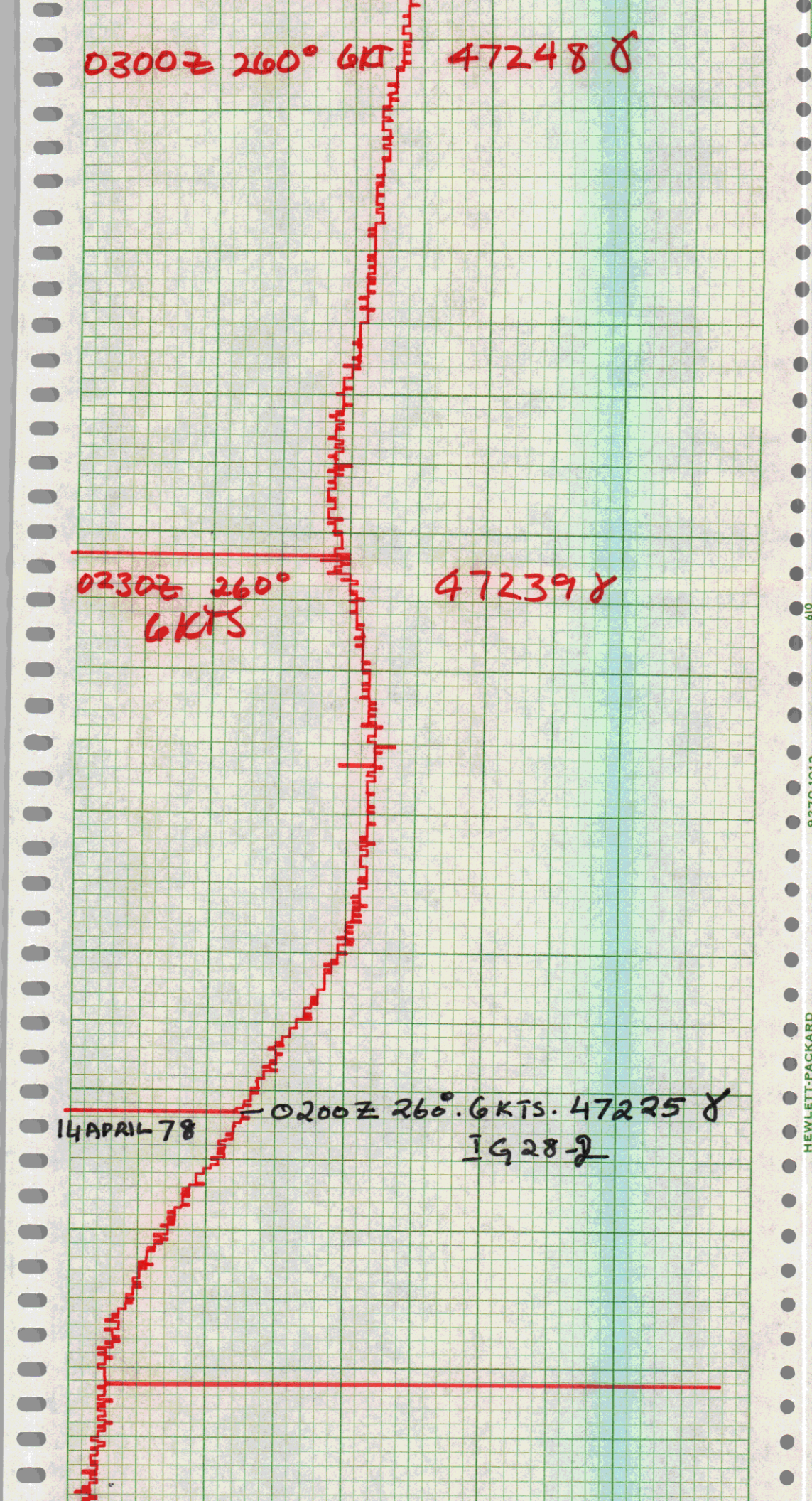
255° 6KTS 0730Z

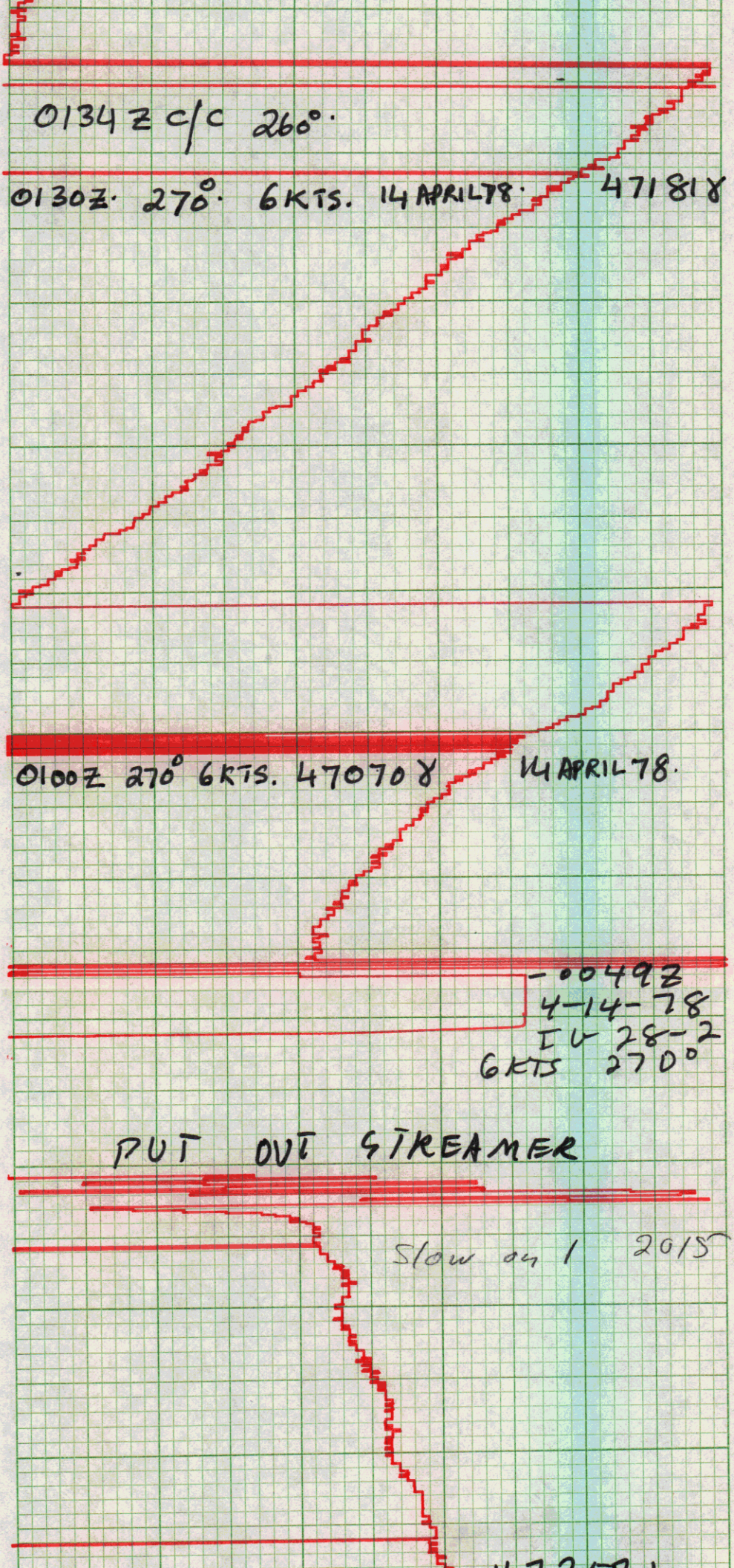
HEWLETT-PACKARD 9270-1012

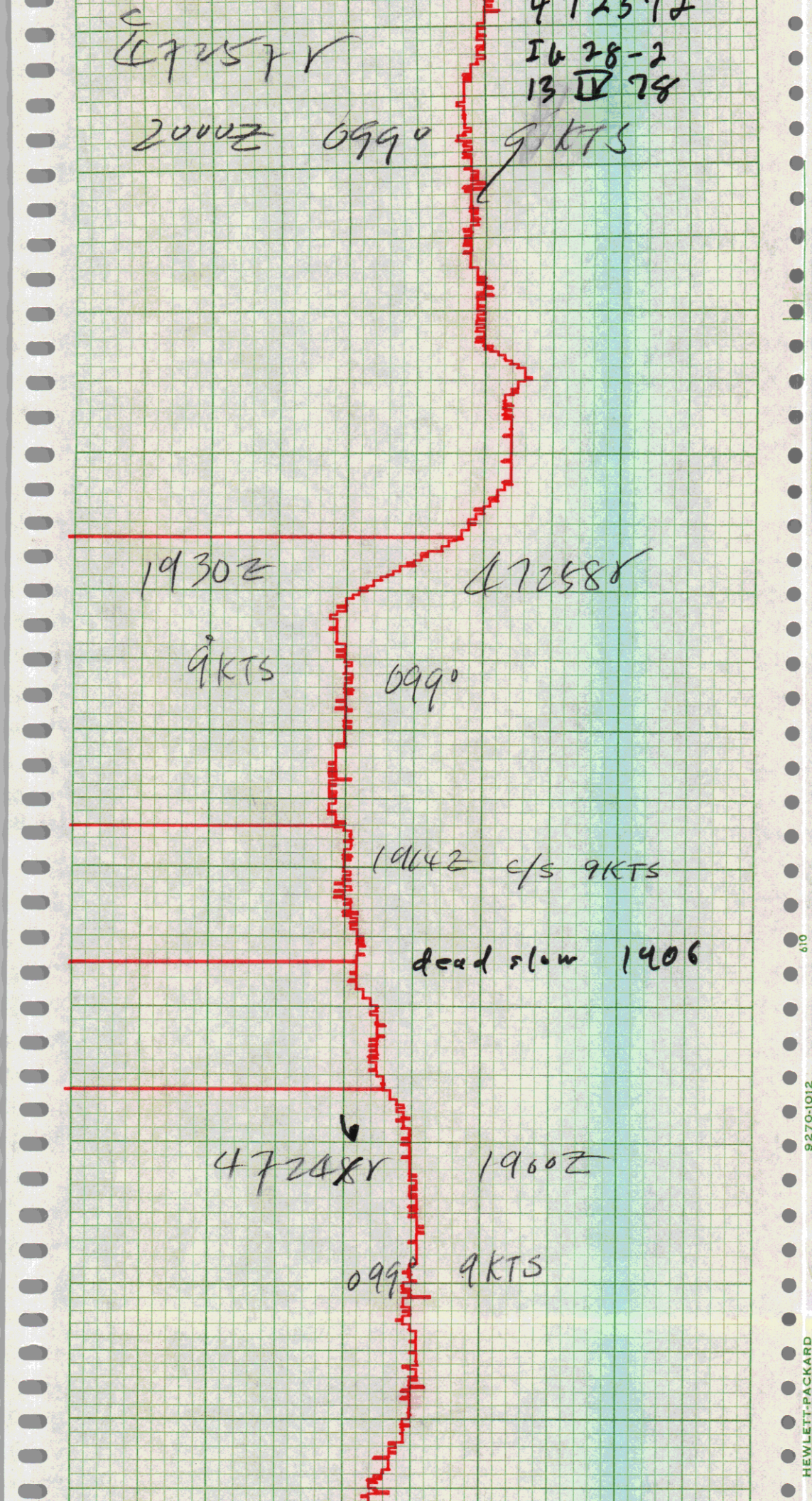

47179 Y
0700 Z 255° 6KTS
06:30 Z
47207 Y
255° 6KTS
4/14/78
0607 C/C 255°
0600Z 6KTS
IV 28-2
2500 472484
4-14-78
14 IV 78

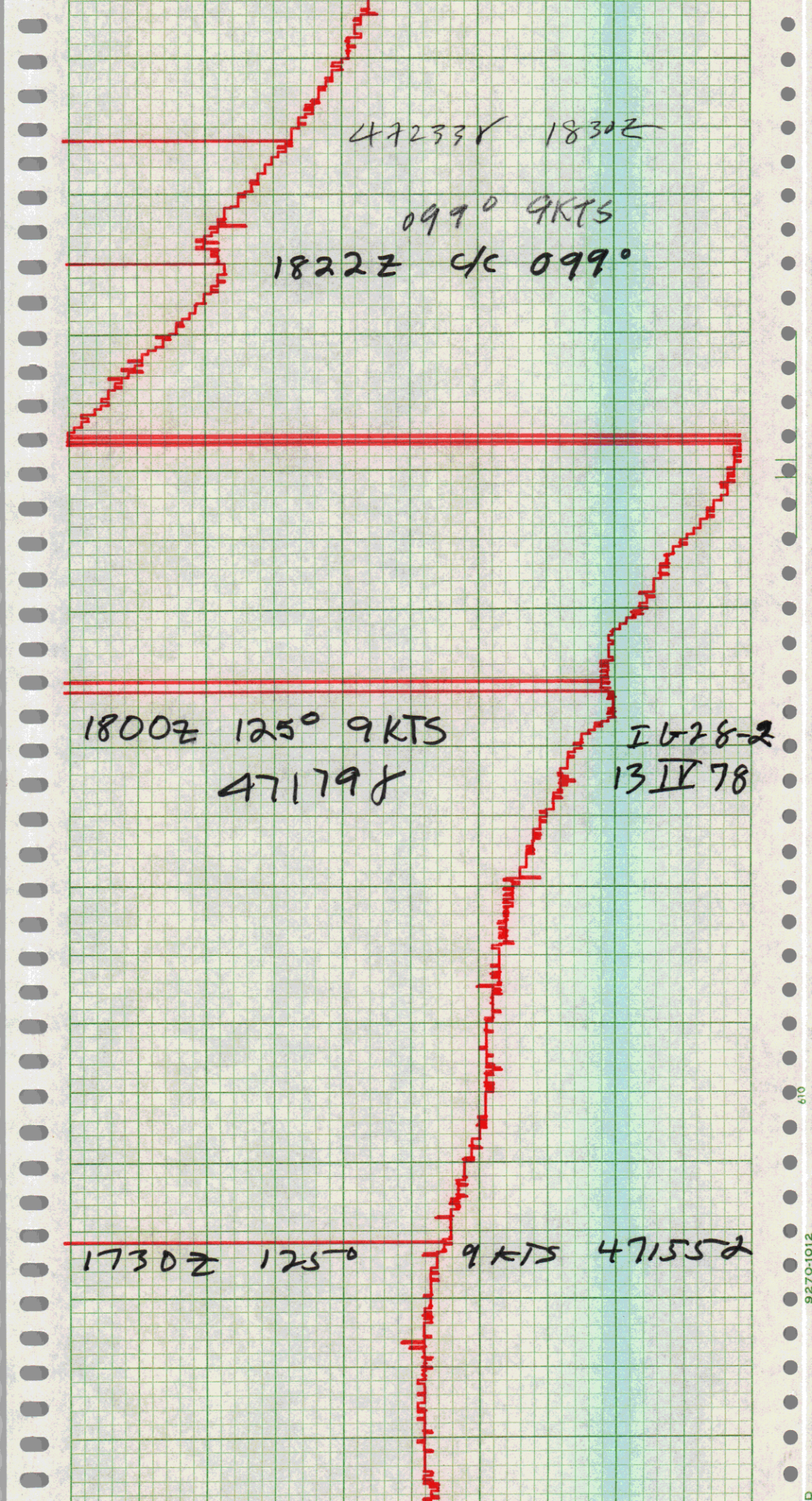

0530Z 250° 6Kts 472368
0500Z 6Kts 250° 472402
IL 28-2
4-14-78
0430Z 250° 6KTS
472328

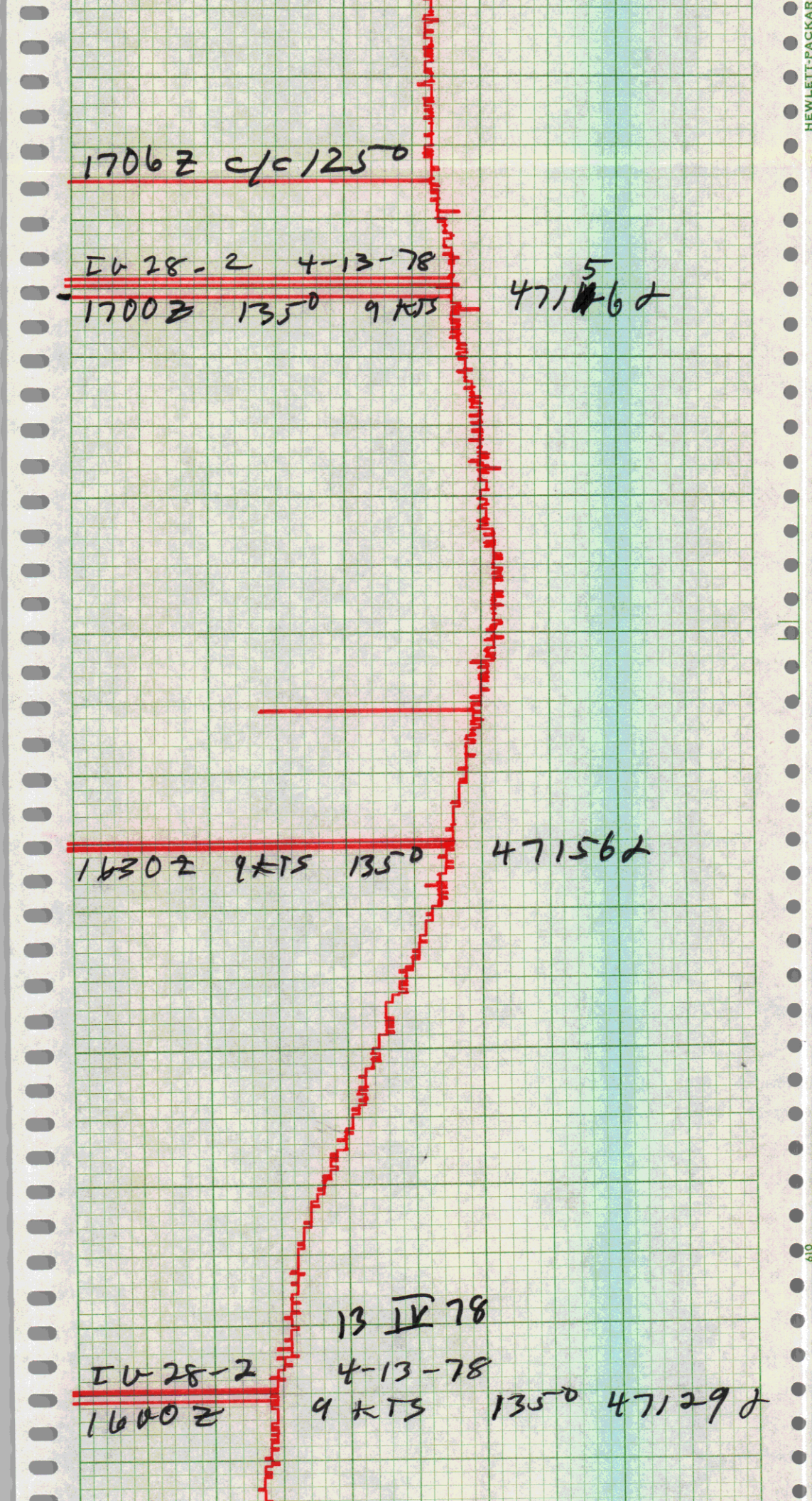

14 IV 78
IU 28-2
4-14-28
472218
0400Z 250°
6KTS
0330Z 250° 6Kts 472348
0306Z 250° c/c

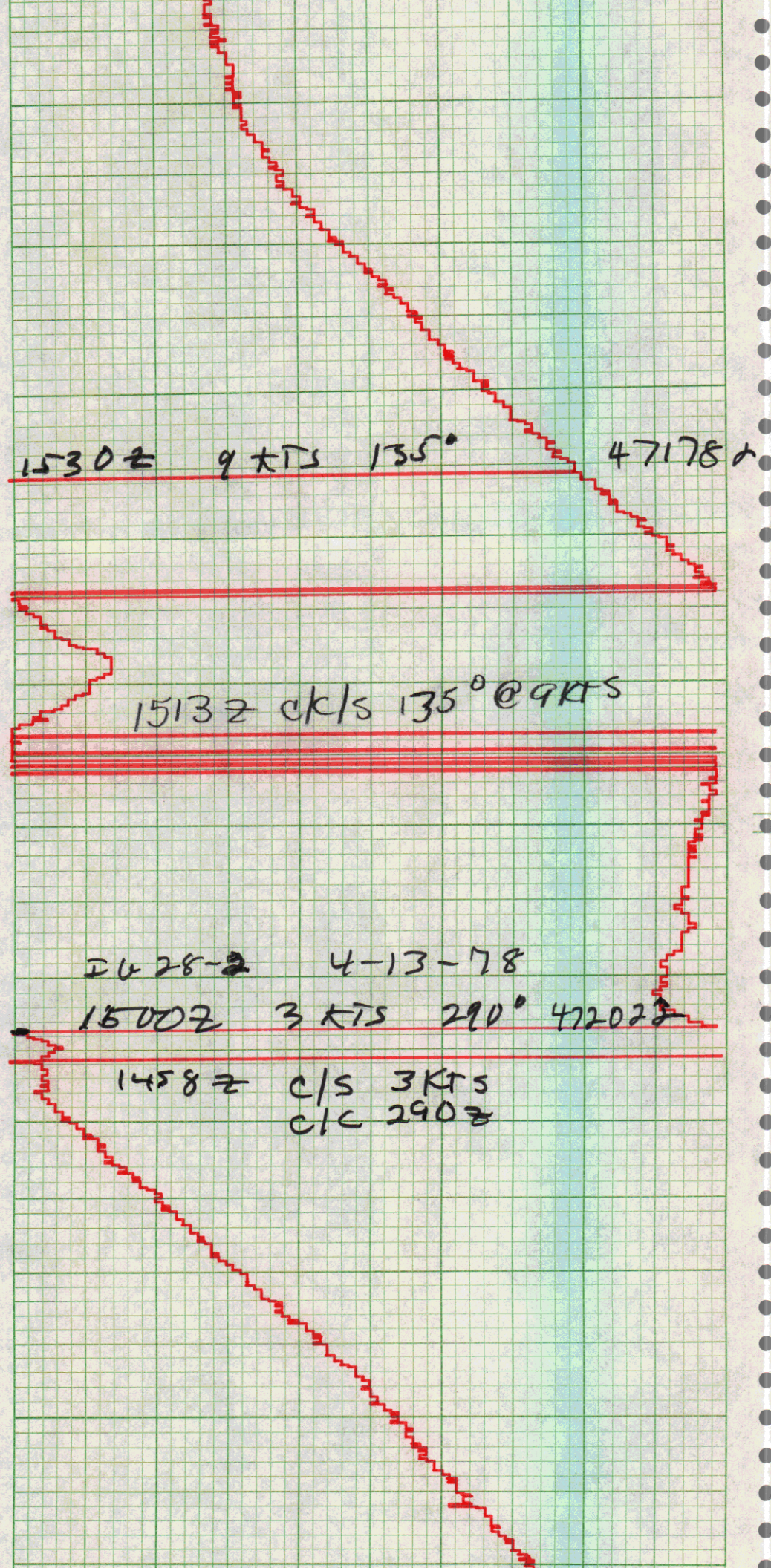

0300Z 260° 6KT 47248 γ
0230Z 260° 6KTS
47239 γ
14 APRIL 78
0200Z 260°. 6 KTS. 47225 γ
IG 28-2

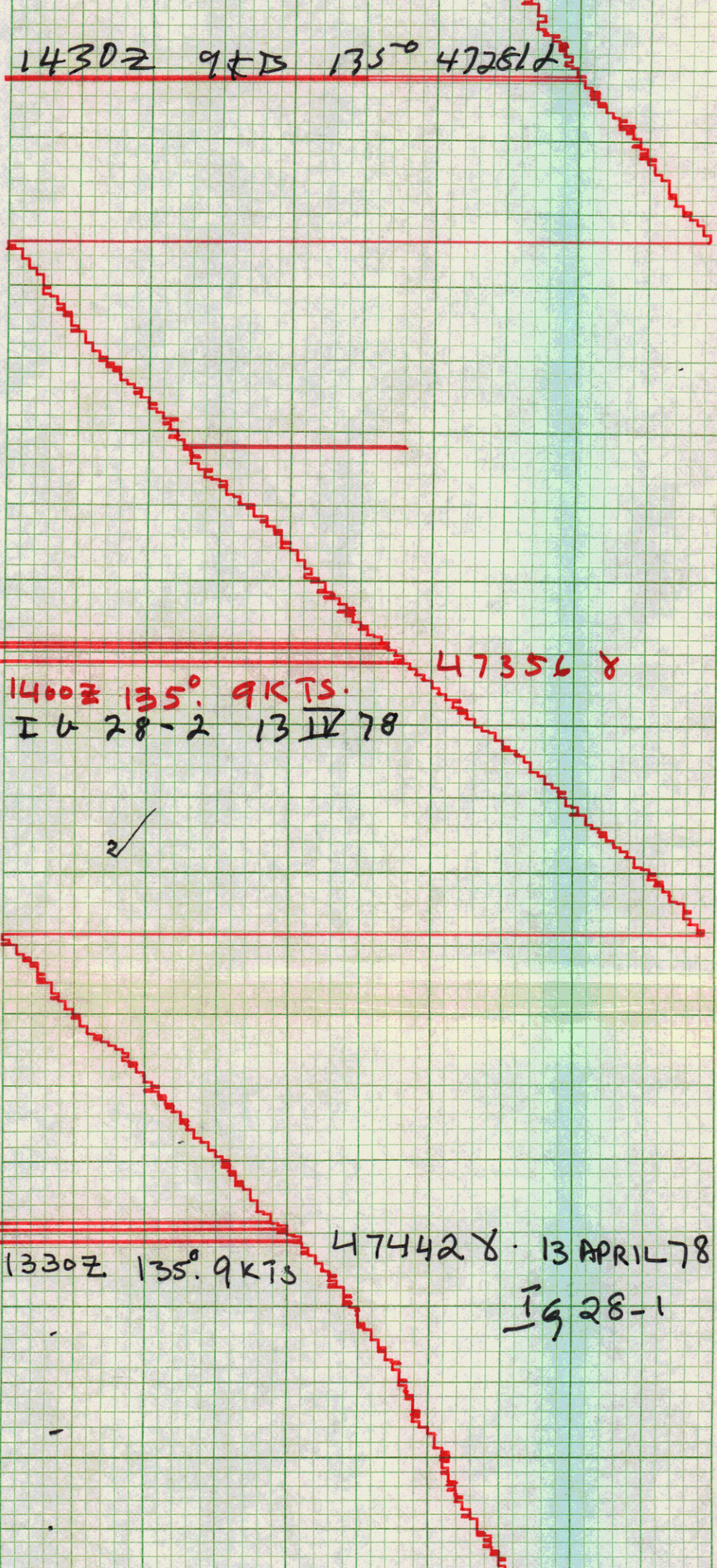

0134Z c/c 260°.
0130Z. 270°. 6KTS. 14 APRIL 78. 47181 8
0100Z 270° 6KTS. 47070 8
14 APRIL 78.
-0049Z
4-14-78
IV 28-2
6KTS 270°
PUT OUT STREAMER
Slow on 1 2015

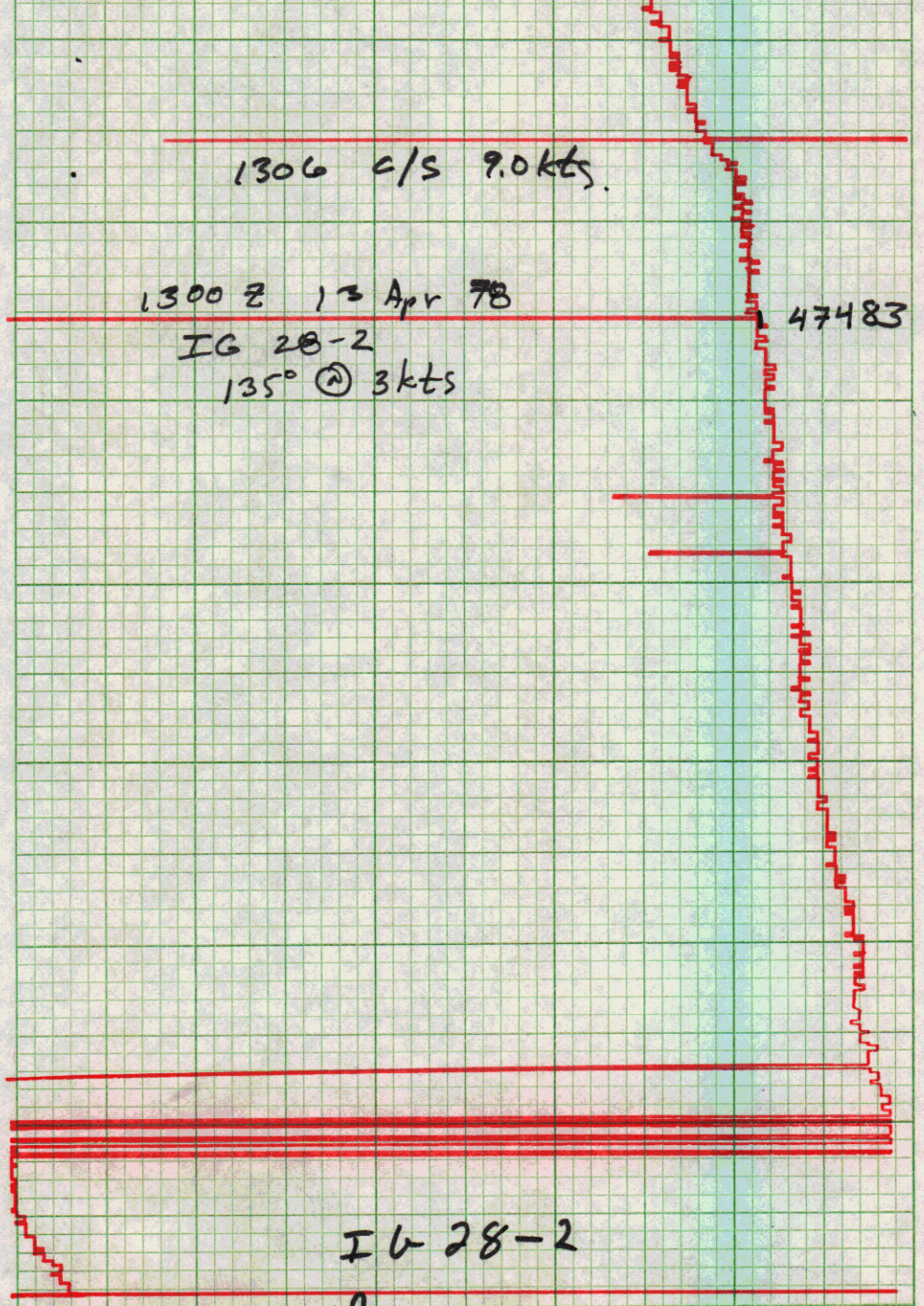

4725?Z
I6 28-2
13 IV 78
4725?Z
2000Z 099° 9KTS
1930Z 4725?8
9KTS 099°
1942Z c/s 9KTS
dead slow 1406
4724?8Z 1900Z
099° 9KTS


47233 f 1830Z
099° 9KTS
1822Z c/c 099°
1800Z 125° 9KTS
47179 f
IL-28-2
13 IV 78
1730Z 125° 9KTS 47155-2


1706Z c/c 125°
IV 28-2 4-13-78
1700Z 135° 9 KTS
47146
1630Z 9 KTS 135° 47156
13 IV 78
IV 28-2 4-13-78
1640Z 9 KTS 135° 47129


1530Z 9 KTS 135° 47178
1513Z c/c/s 135° @ 9 KTS
IL 28-2 4-13-78
1500Z 3 KTS 290° 47202
1458Z C/S 3 KTS
C/C 290Z


1430Z 9KTS 135° 472812
473512 8
1400Z 135° 9KTS.
IG 28-2 13 IV 78
2
1330Z 135° 9KTS
474428 · 13 APRIL 78
IG 28-1



1220Z. ~~18~~ 13th APRIL 78. 135° 3 kts

47510 ~~0~~ 8
08

KEY WEST, FLA.

12 IV 78

END OF IG 28-1

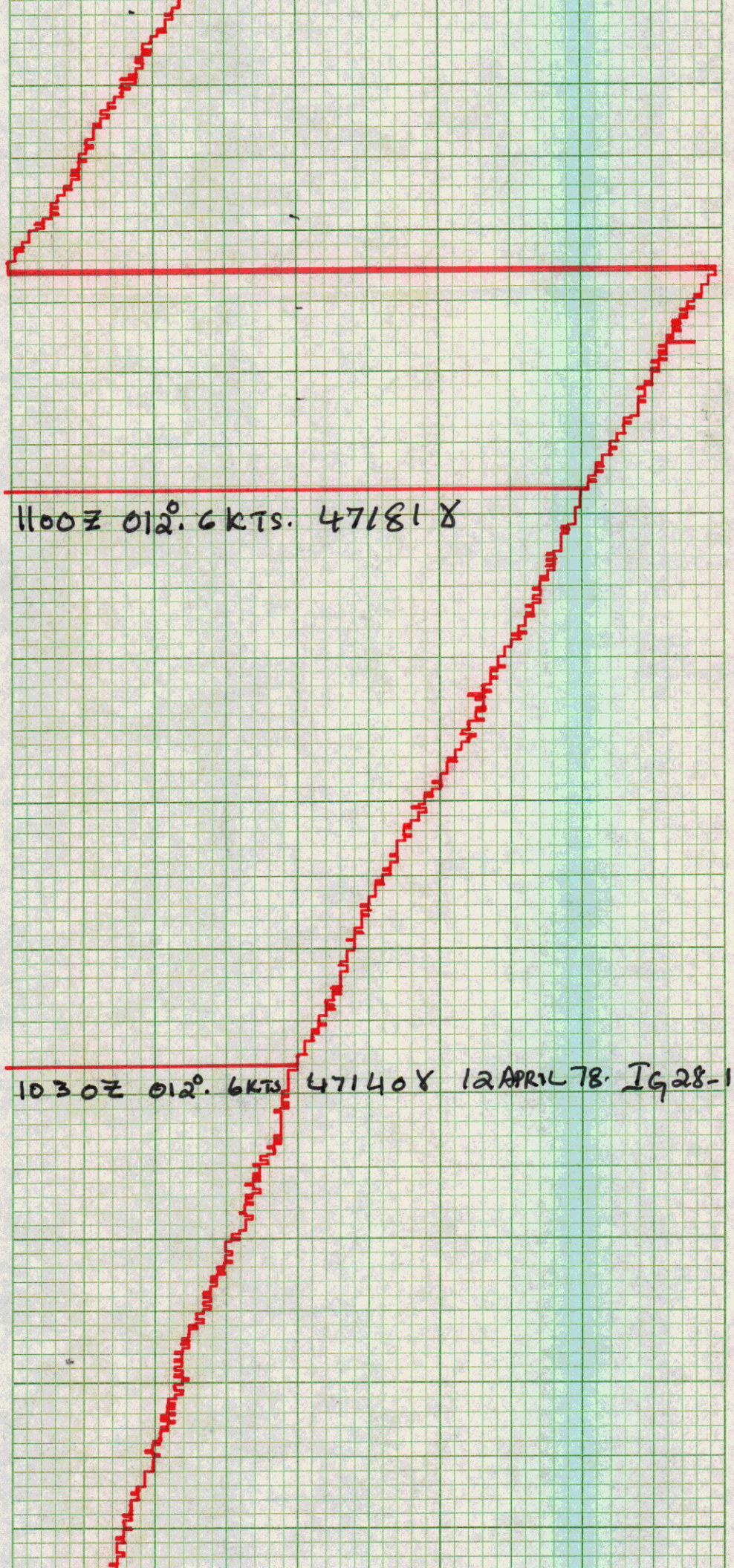
1235Z pull Maggie

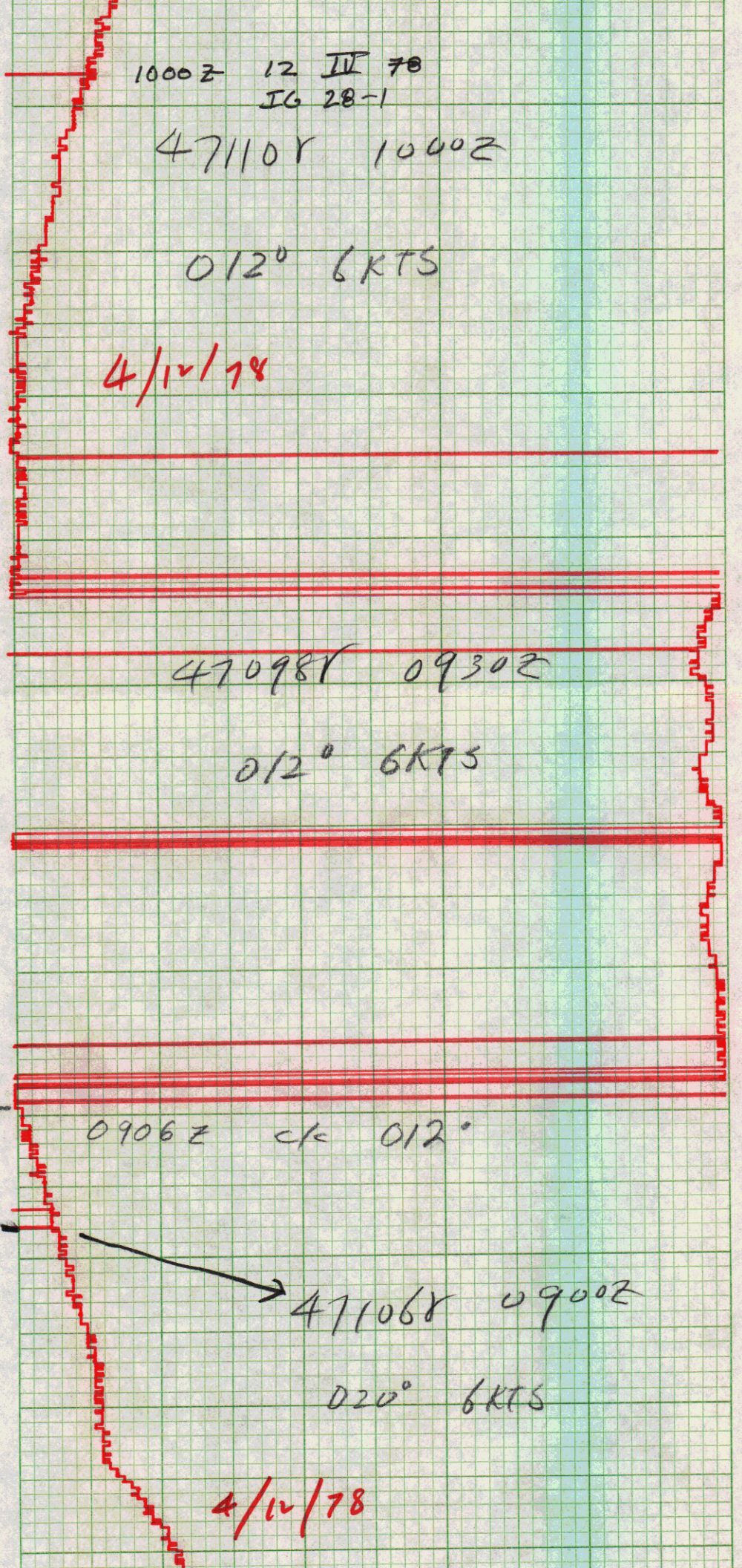
1230Z 012°. 6KTS. 47332 Y

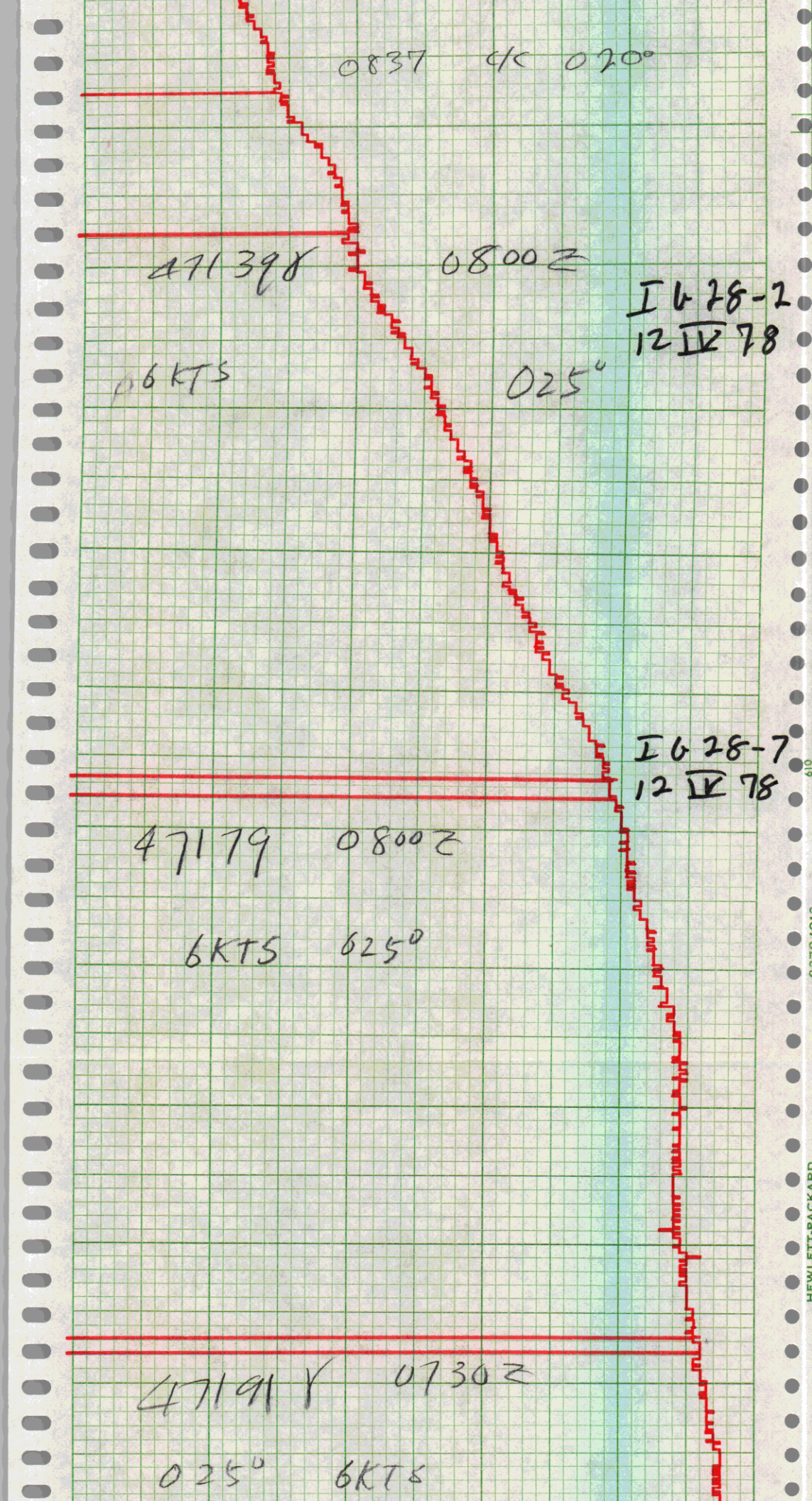
1200Z 012°. 6KTS 47282 Y

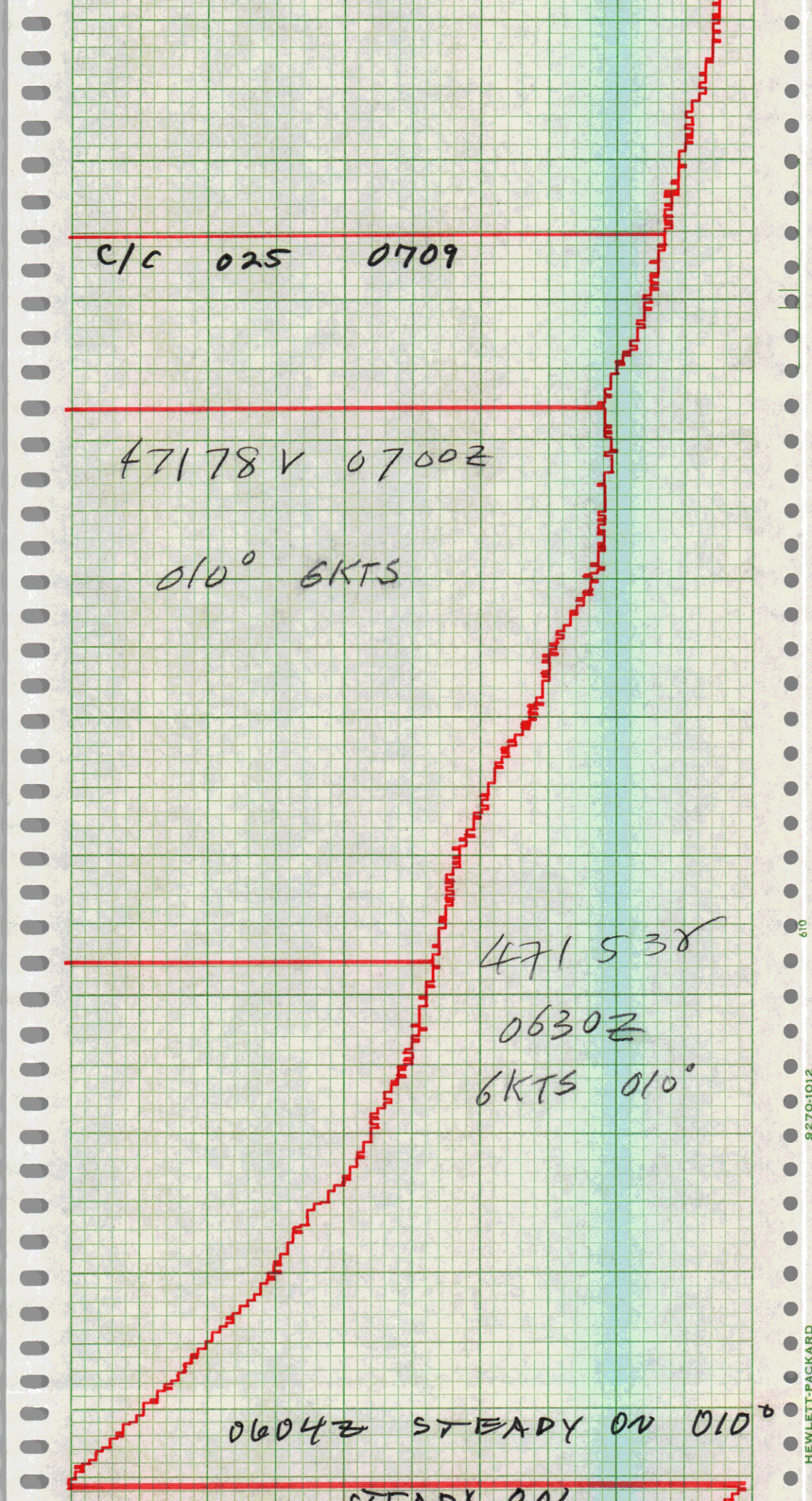
IG 28-1 12 IV 78

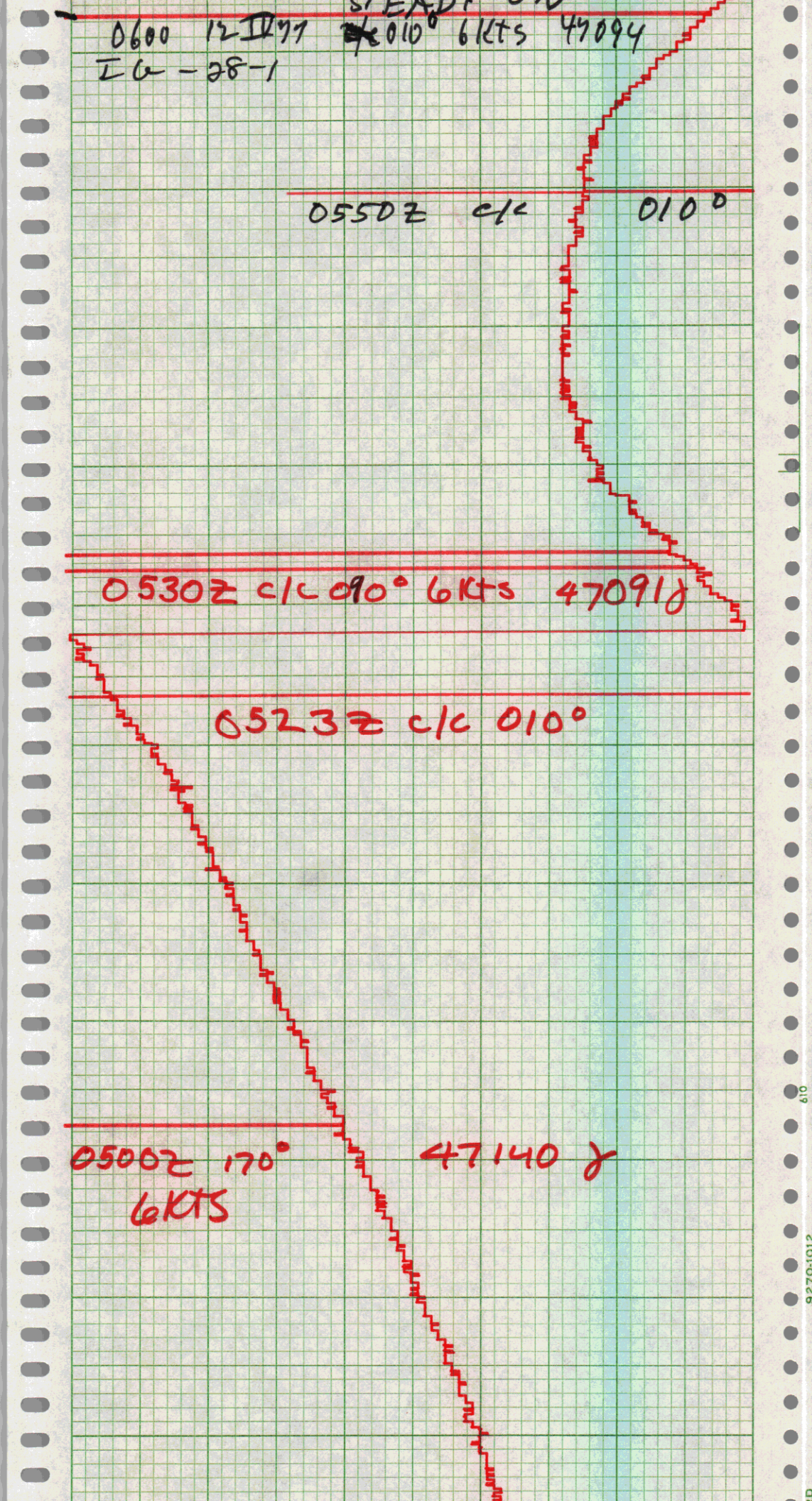
1130Z 012°. 6KTS. 47231 Y

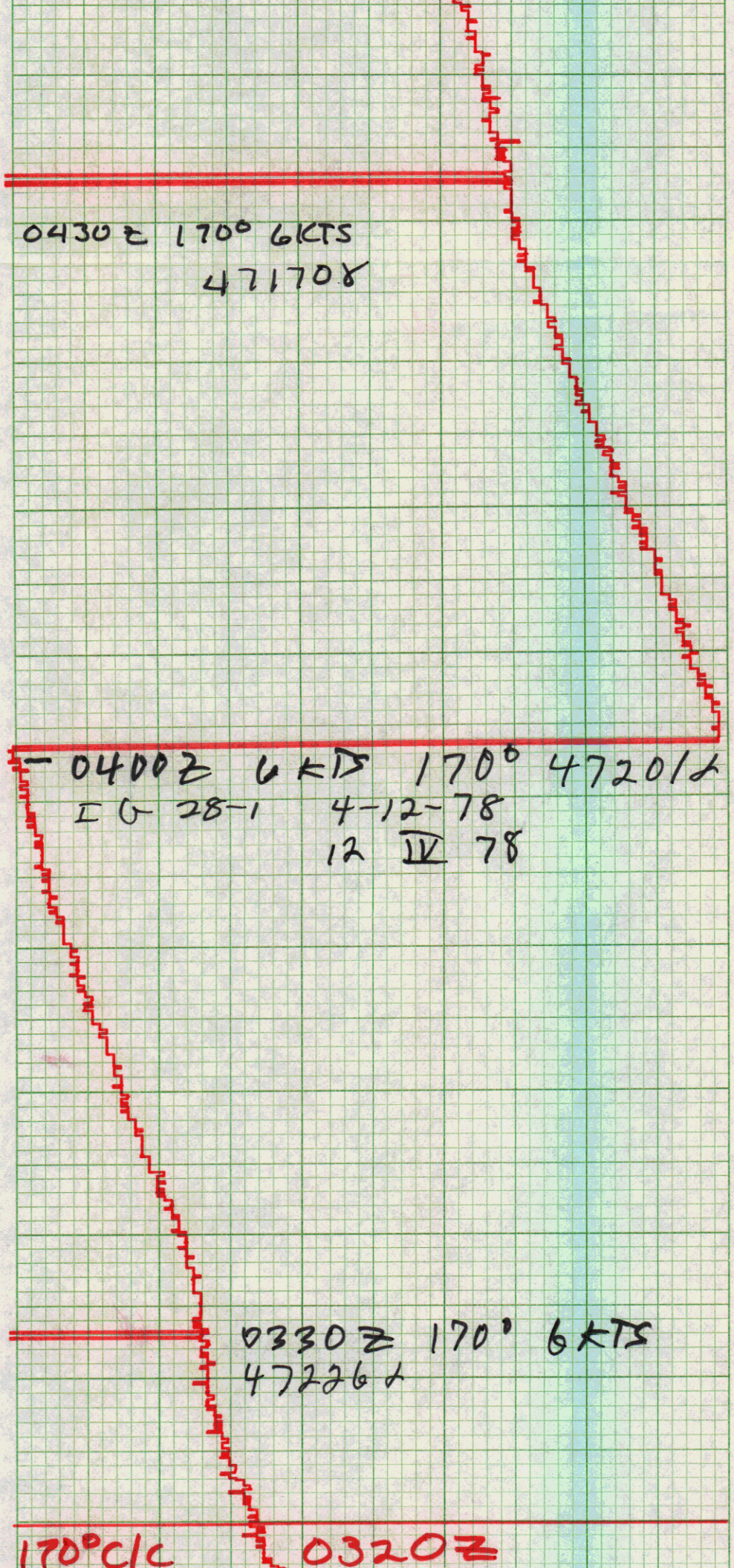

1100Z 012°. 6KTS. 47181 X
1030Z 012°. 6KTS 47140 X 12 APRIL 78. IG28-1

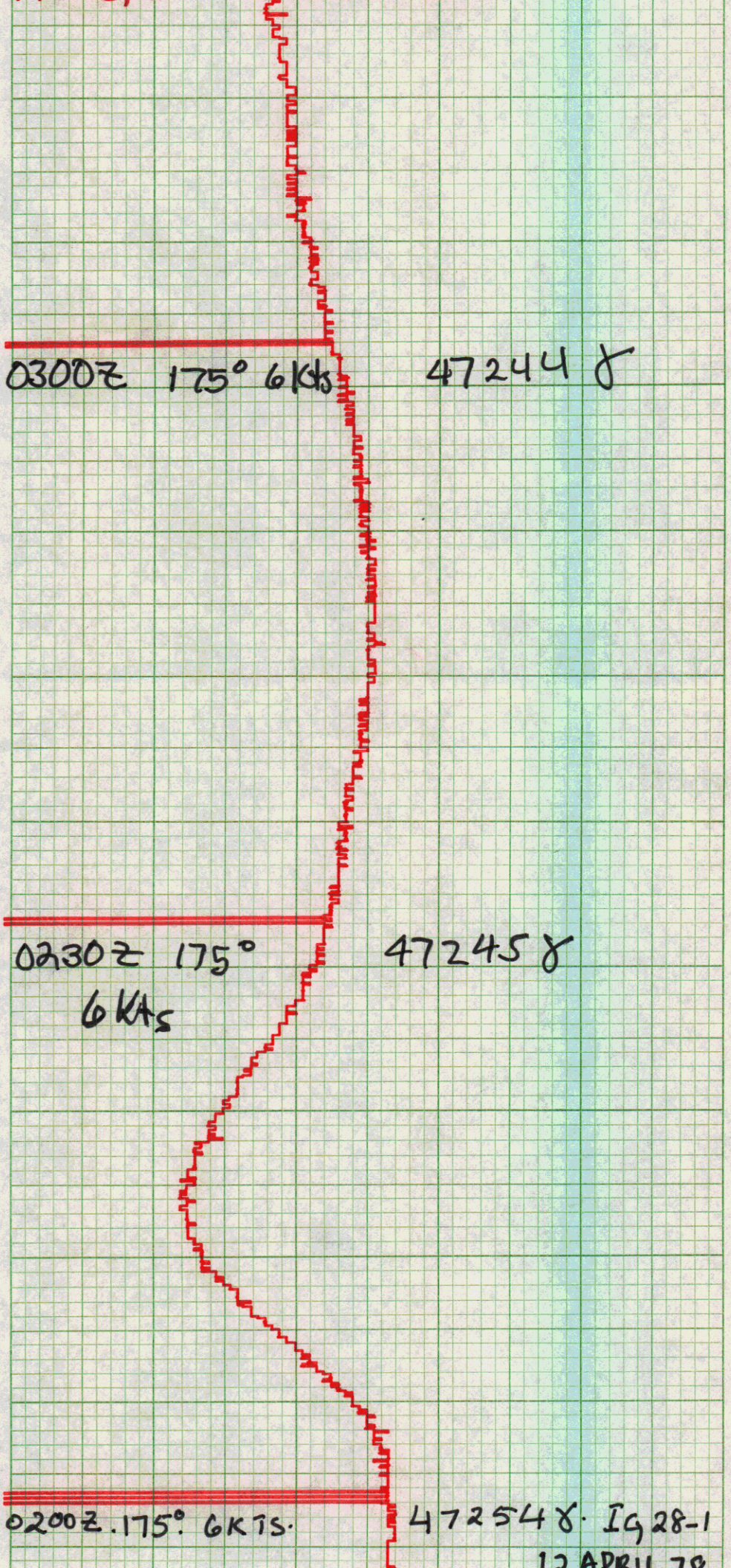

1000Z 12 IV 78
IG 28-1
47110Y 1000Z
012° 6KTS
4/IV/78
47098Y 0930Z
012° 6KTS
0906Z c/c 012°
47106Y 0900Z
020° 6KTS
4/IV/78

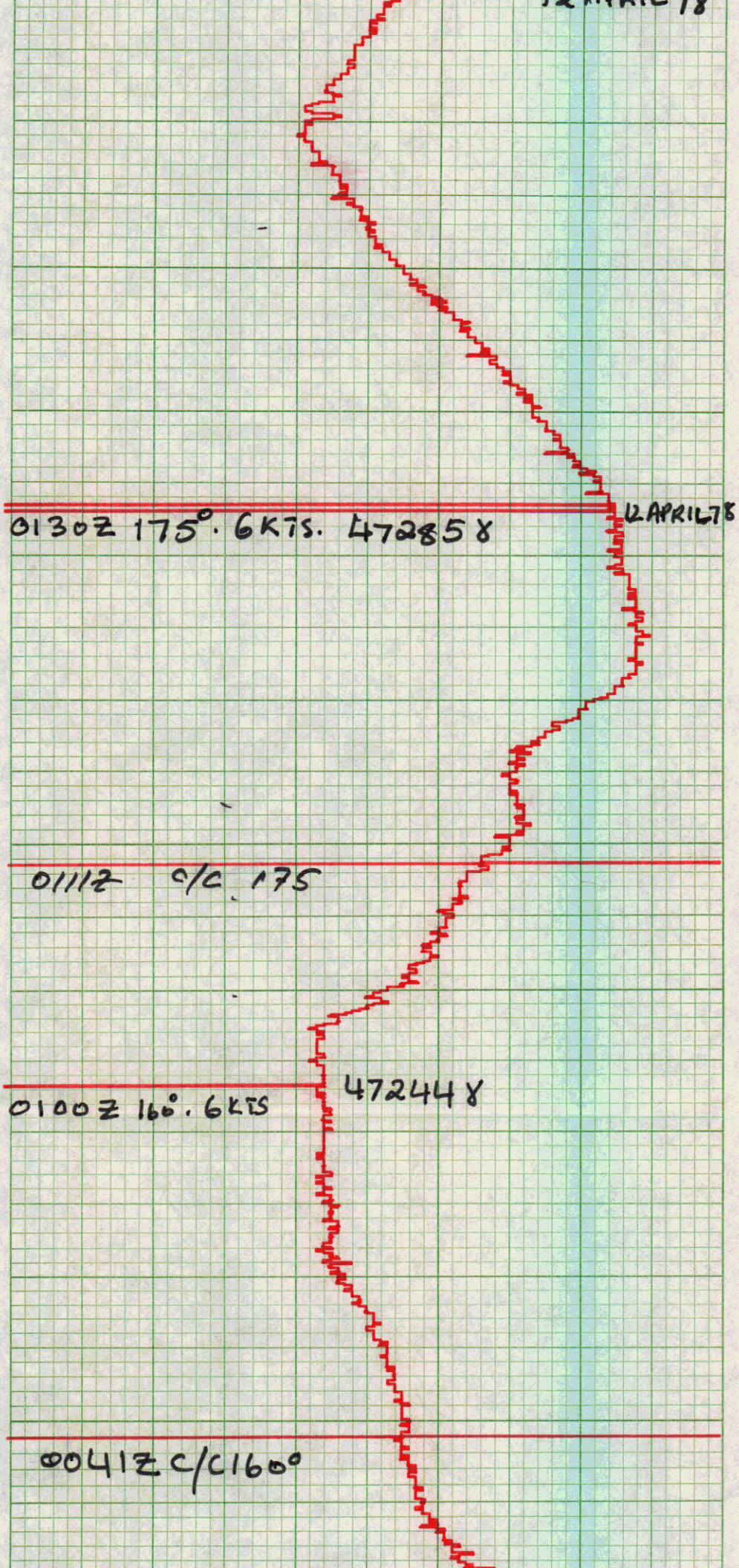

0837 C/C 020°
471398 0800Z
I628-2
12 IV 78
06KTS 025°
I628-7
12 IV 78
47179 0800Z
6KTS 625°
47191 0730Z
025° 6KTS

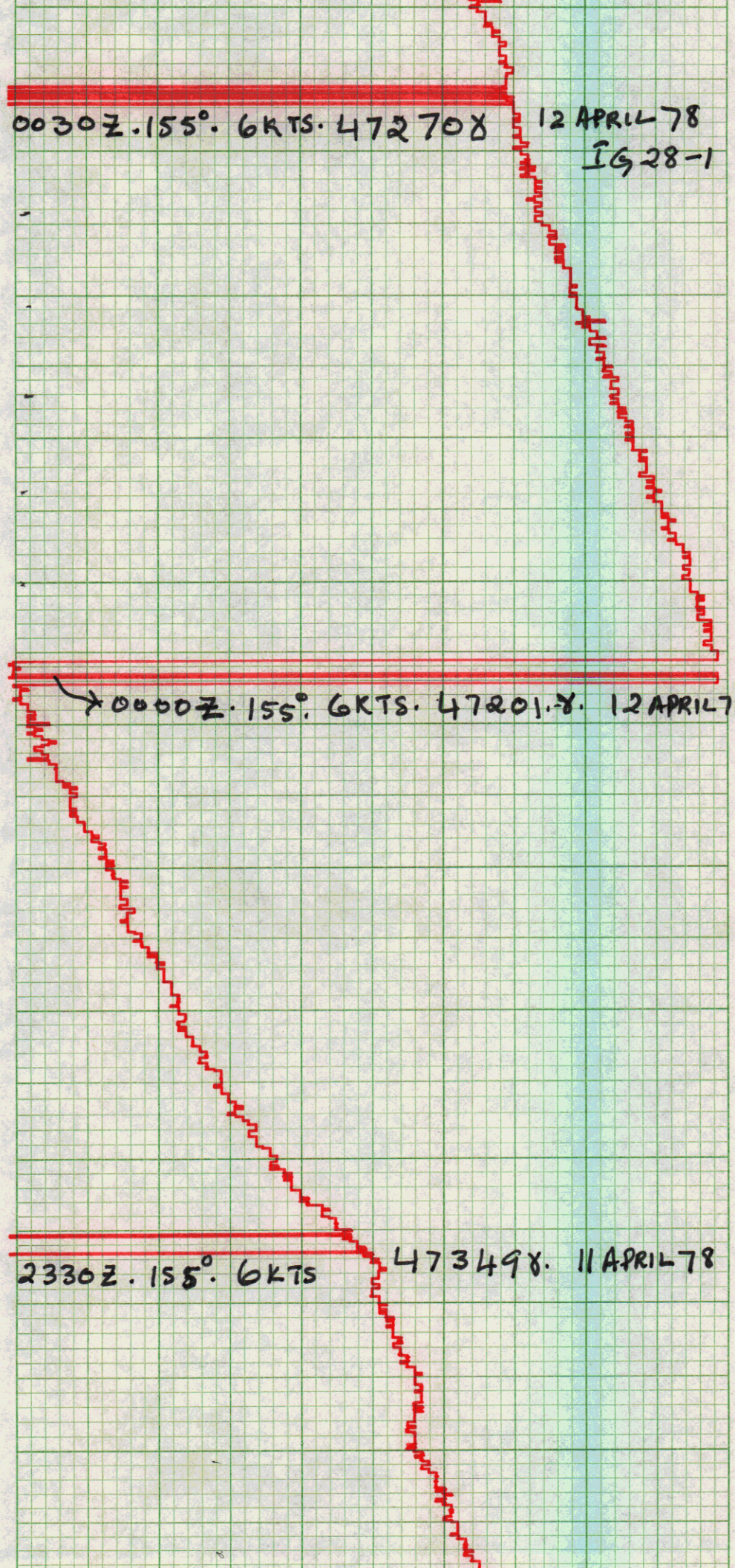

C/C 025 0709
47178V 0700Z
010° 6KTS
47153V
0630Z
6KTS 010°
0604Z STEADY ON 010°

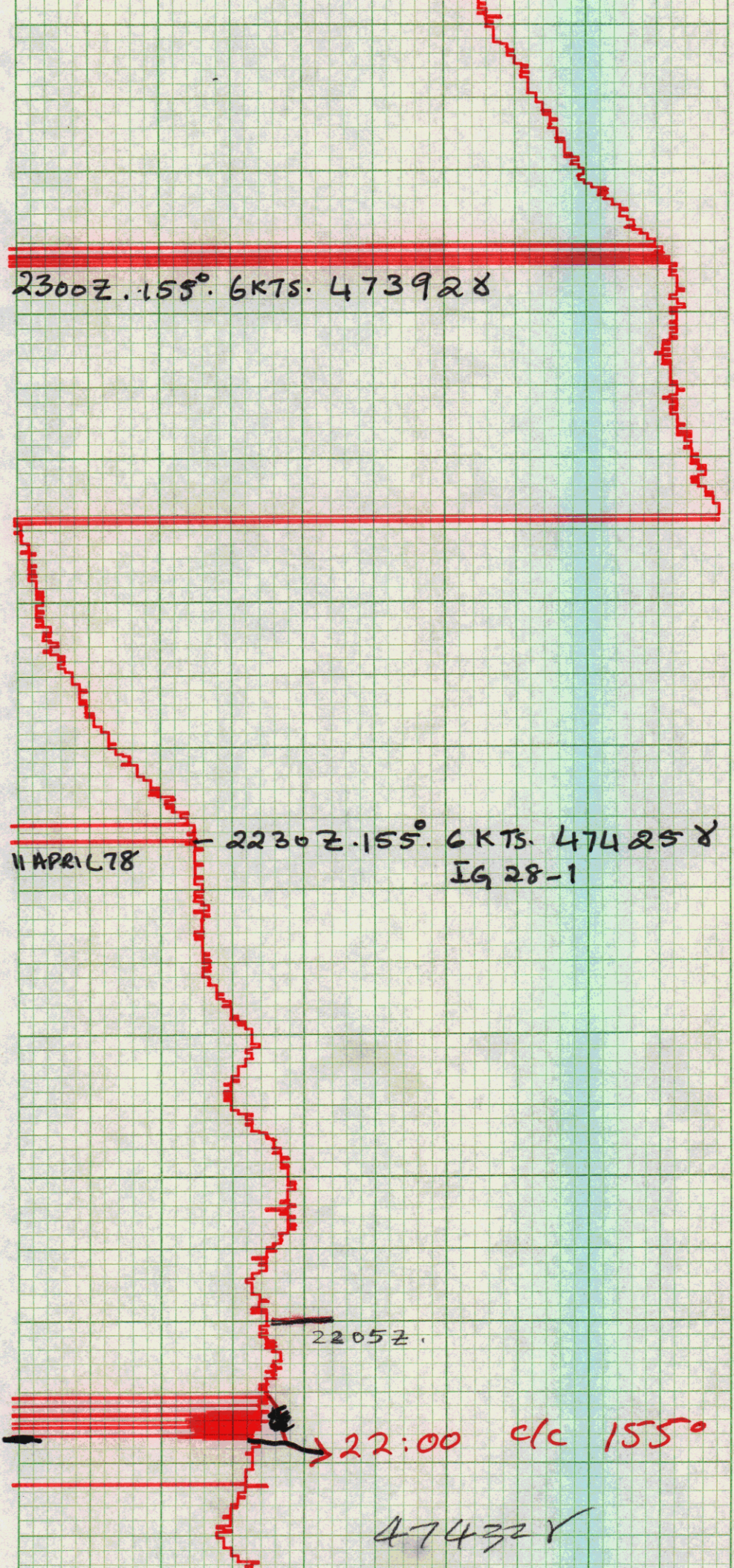

0600 12 III 77 010° 6 Kts 47094
IC-28-1
0550Z c/c 010°
0530Z c/c 090° 6 Kts 47091 γ
0523Z c/c 010°
0500Z 170° 47140 γ
6 KTS

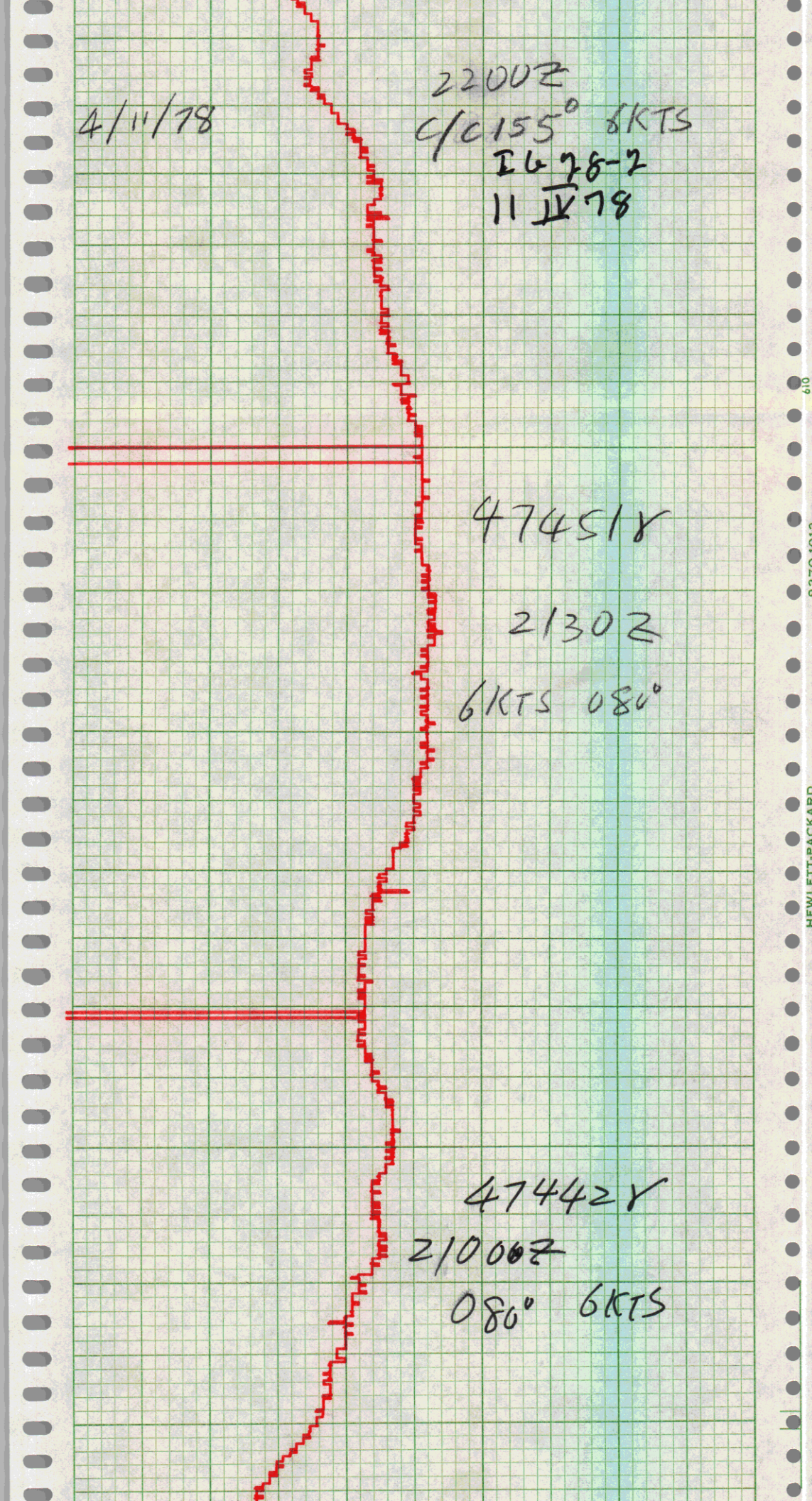

0430Z 170° 6KTS
471708
0400Z 6KTS 170° 472012
IG 28-1 4-12-78
12 IV 78
0330Z 170° 6KTS
472264
170°C/C 0320Z

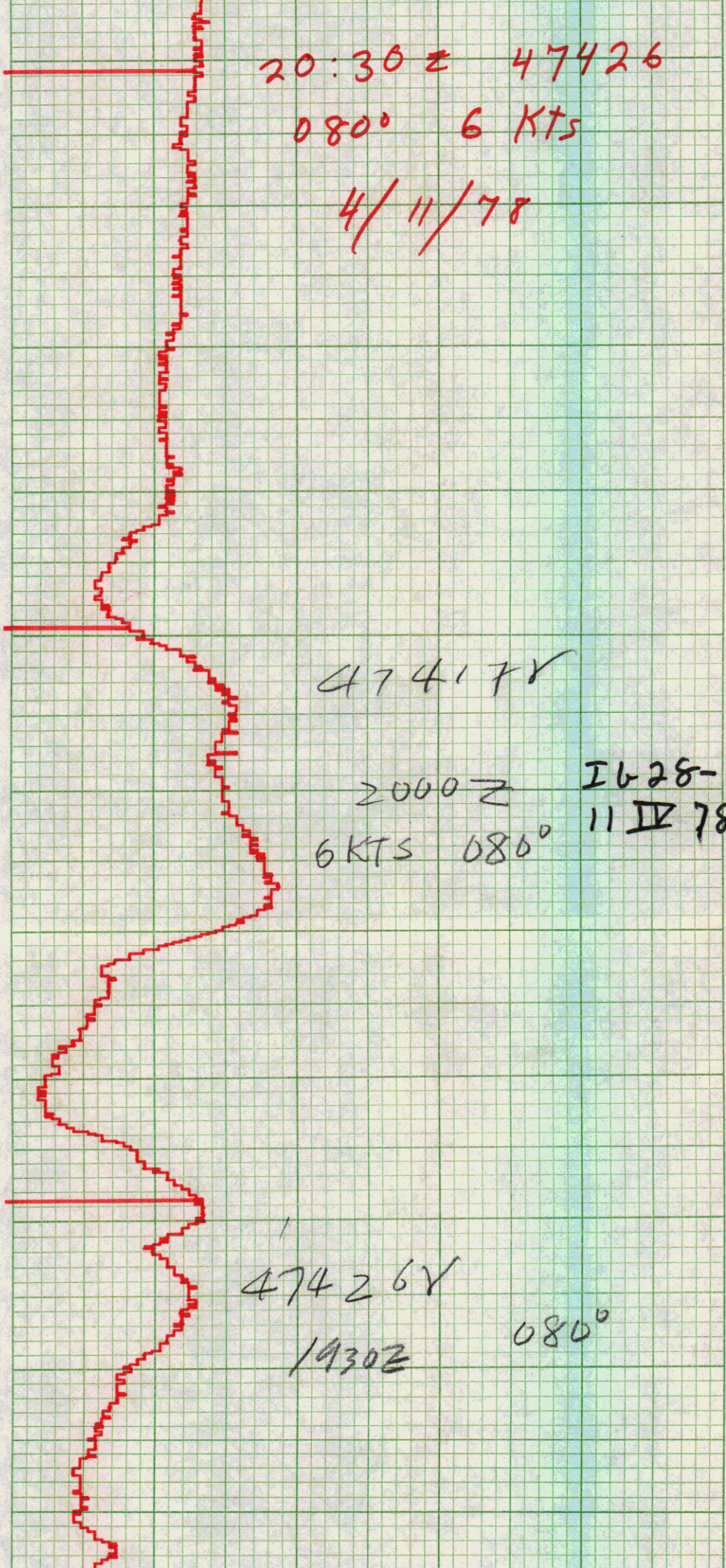

0300Z 175° 6Kts 47244 δ
0230Z 175° 6KAs 47245 δ
0200Z. 175°. 6KTS. 47254 δ. Ig 28-1
12 APRIL 78

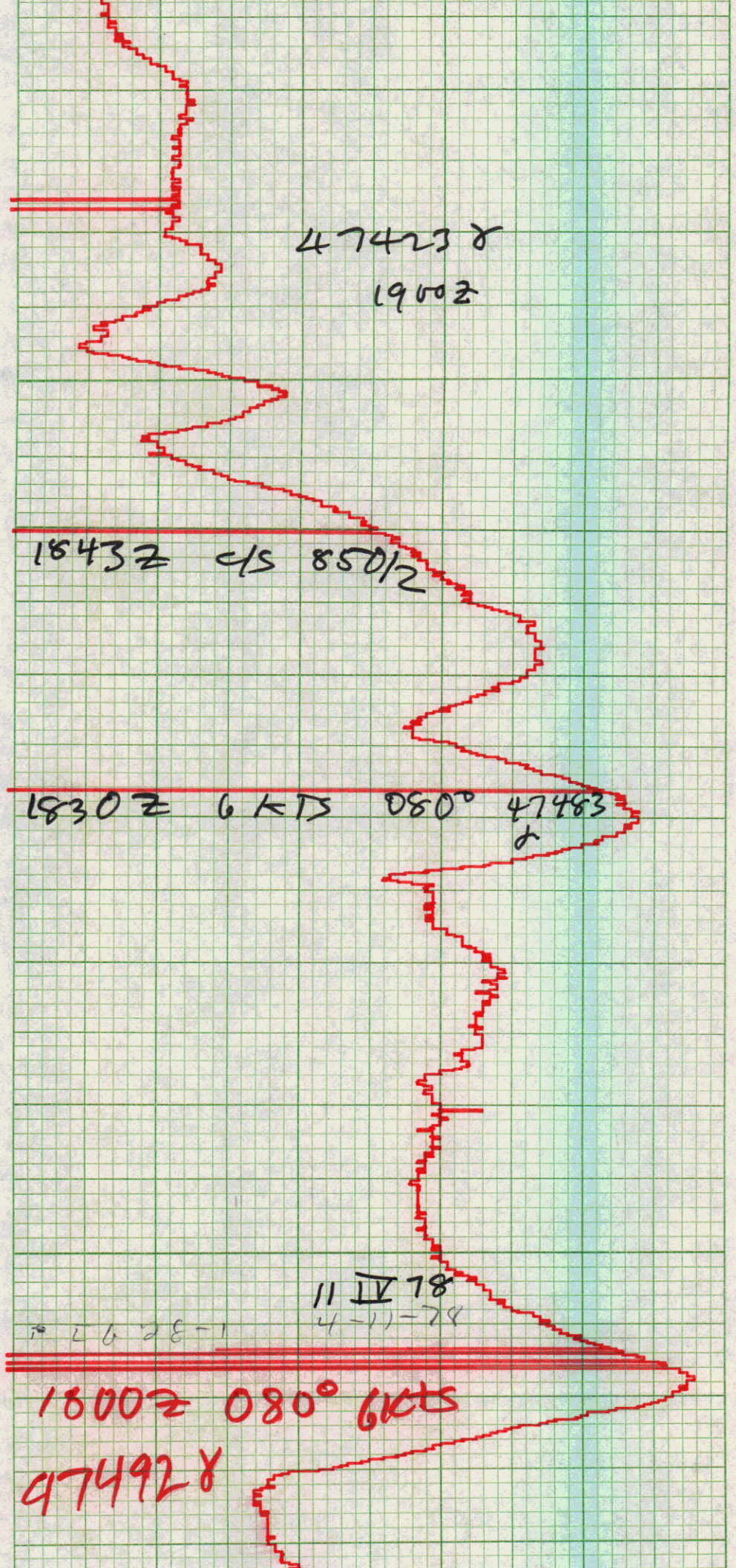

0130Z 175°. 6KTS. 47285 8
12 APRIL 78
0111Z C/C 175
0100Z 160°. 6KTS
47244 8
0041Z C/C 160°

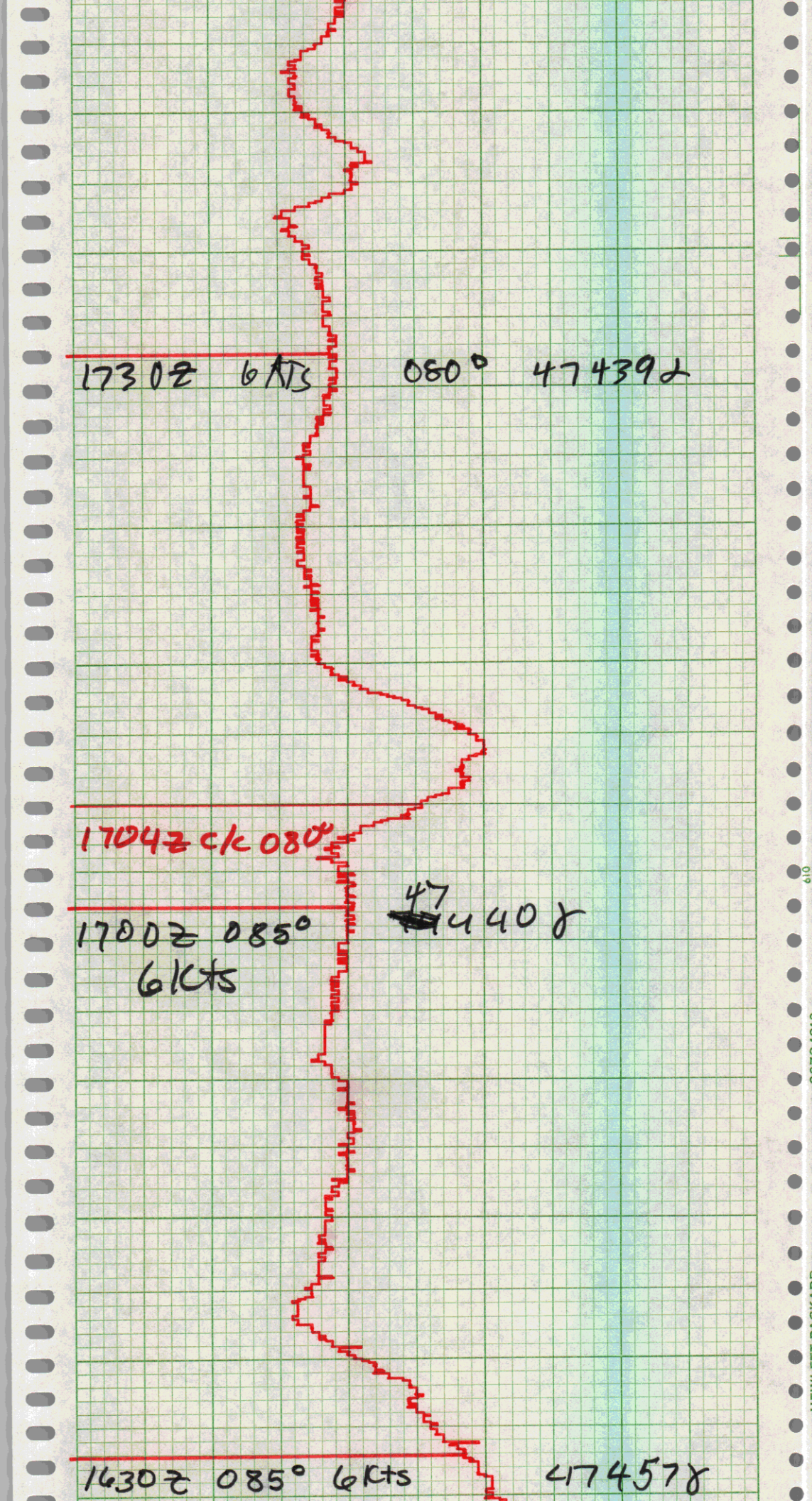

0030Z. 155°. 6KTS. 472708
12 APRIL 78
IG 28-1
0000Z. 155°. 6KTS. 472018. 12 APRIL 78
2330Z. 155°. 6KTS
473498. 11 APRIL 78

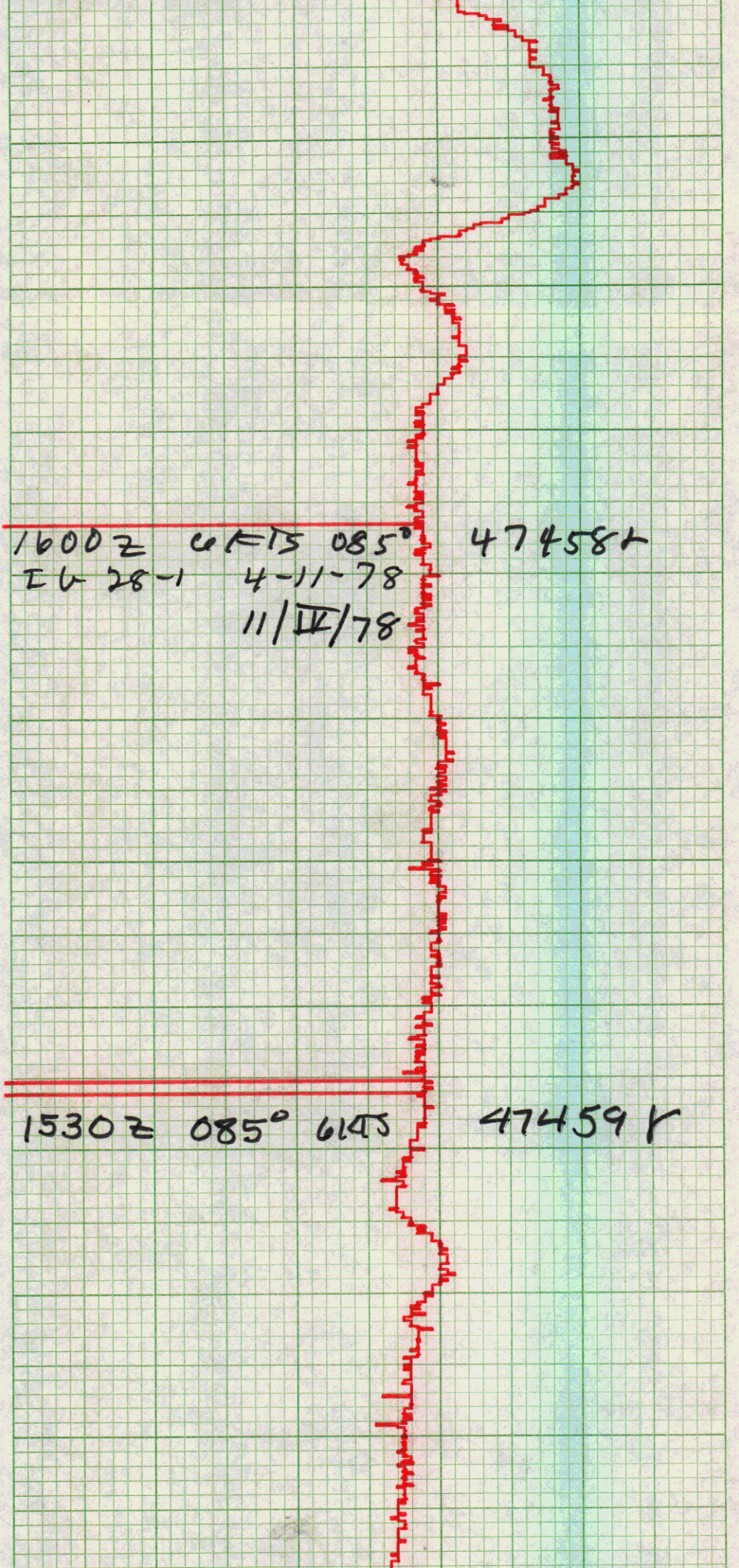

2300Z. 155°. 6KTS. 473928
2230Z. 155°. 6KTS. 474258
IG 28-1
11 APRIL 78
2205Z.
22:00 c/c 155°
474328

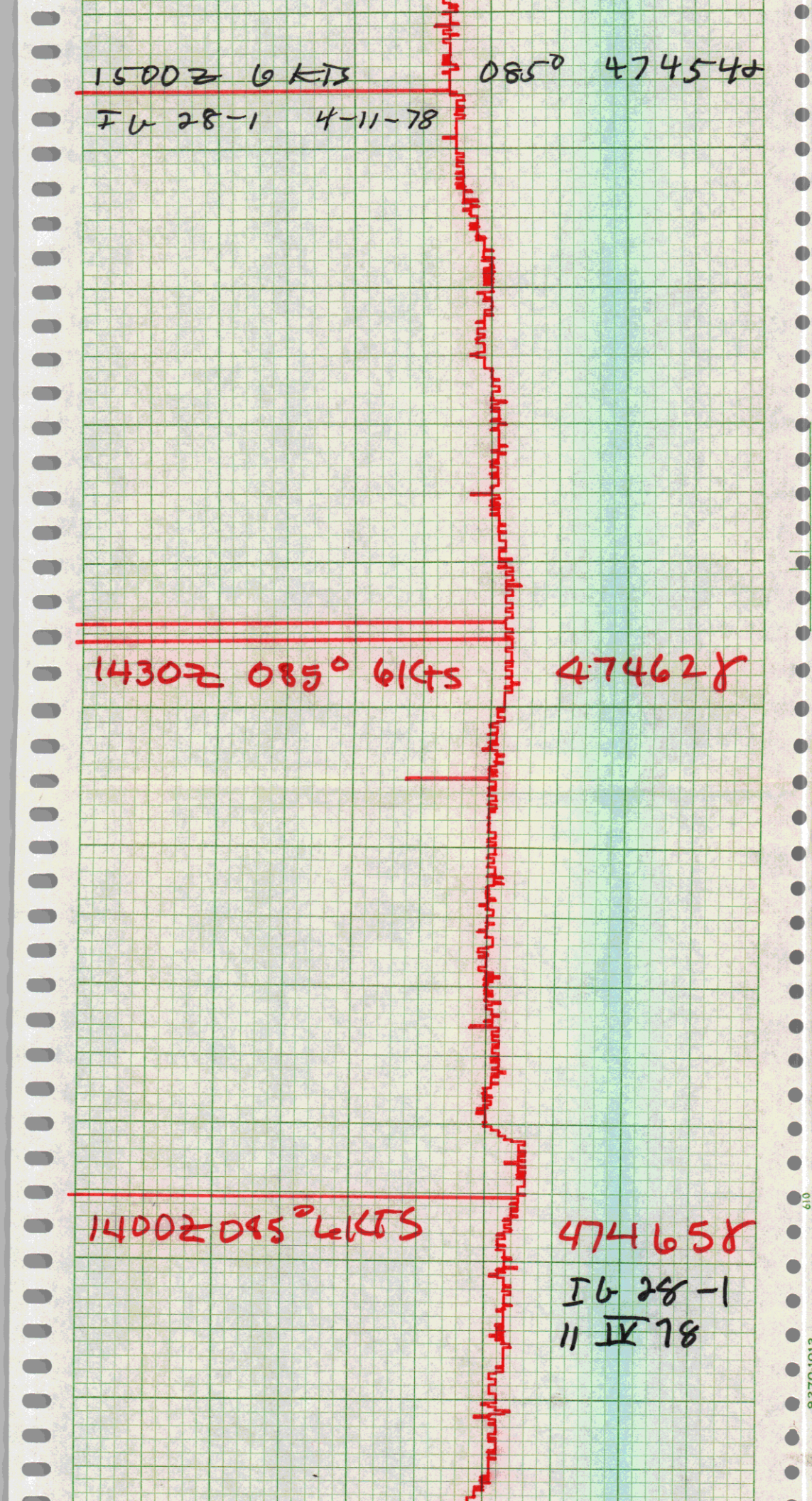

4/11/78
2200Z
C/C 155° 8KTS
IG 78-2
11 IV 78
474518
2130Z
6KTS 080°
474428
2100Z
080° 6KTS

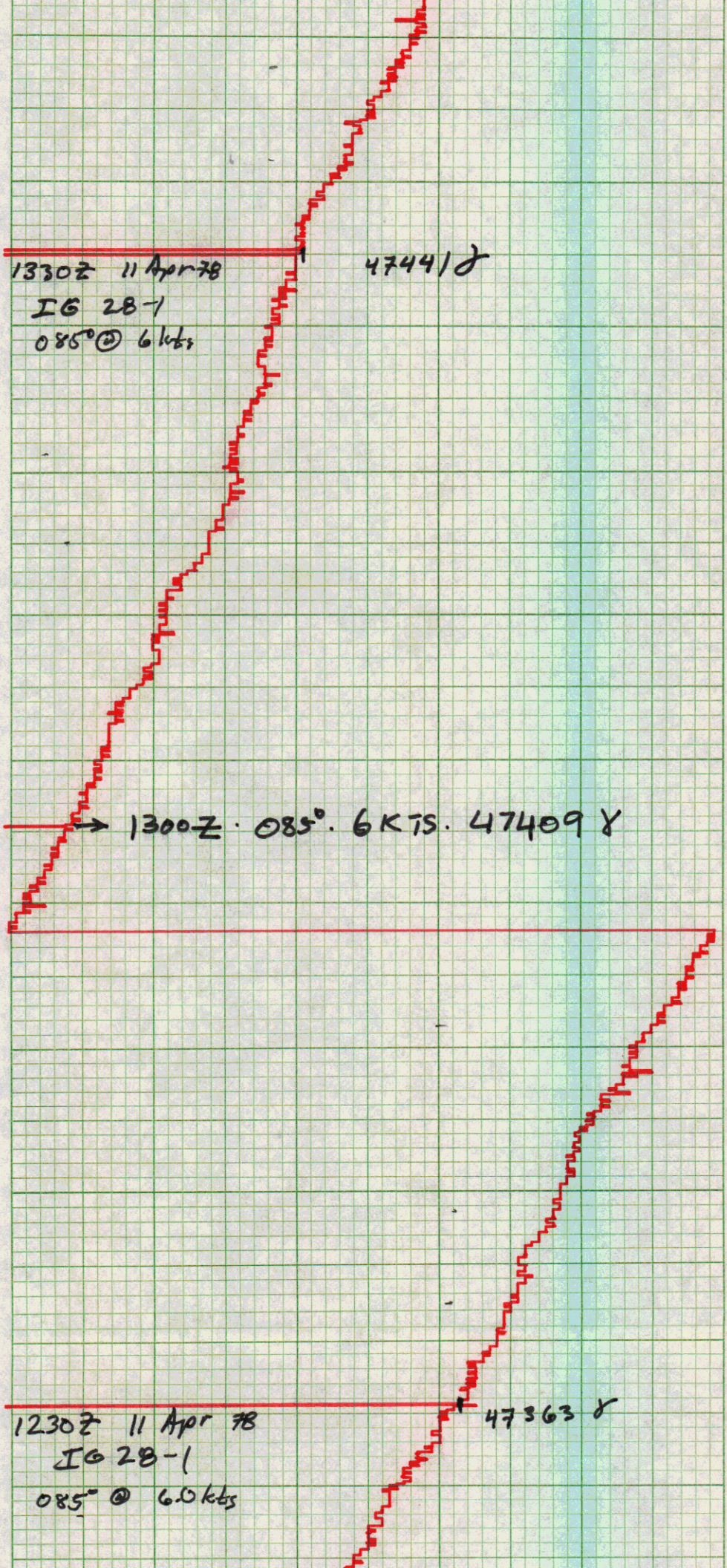

20:30 Z 47426
080° 6 KTS
4/11/78
47417Y
2000 Z
6 KTS 080°
IL28-2
11 III 78
47426Y
1430Z
080°

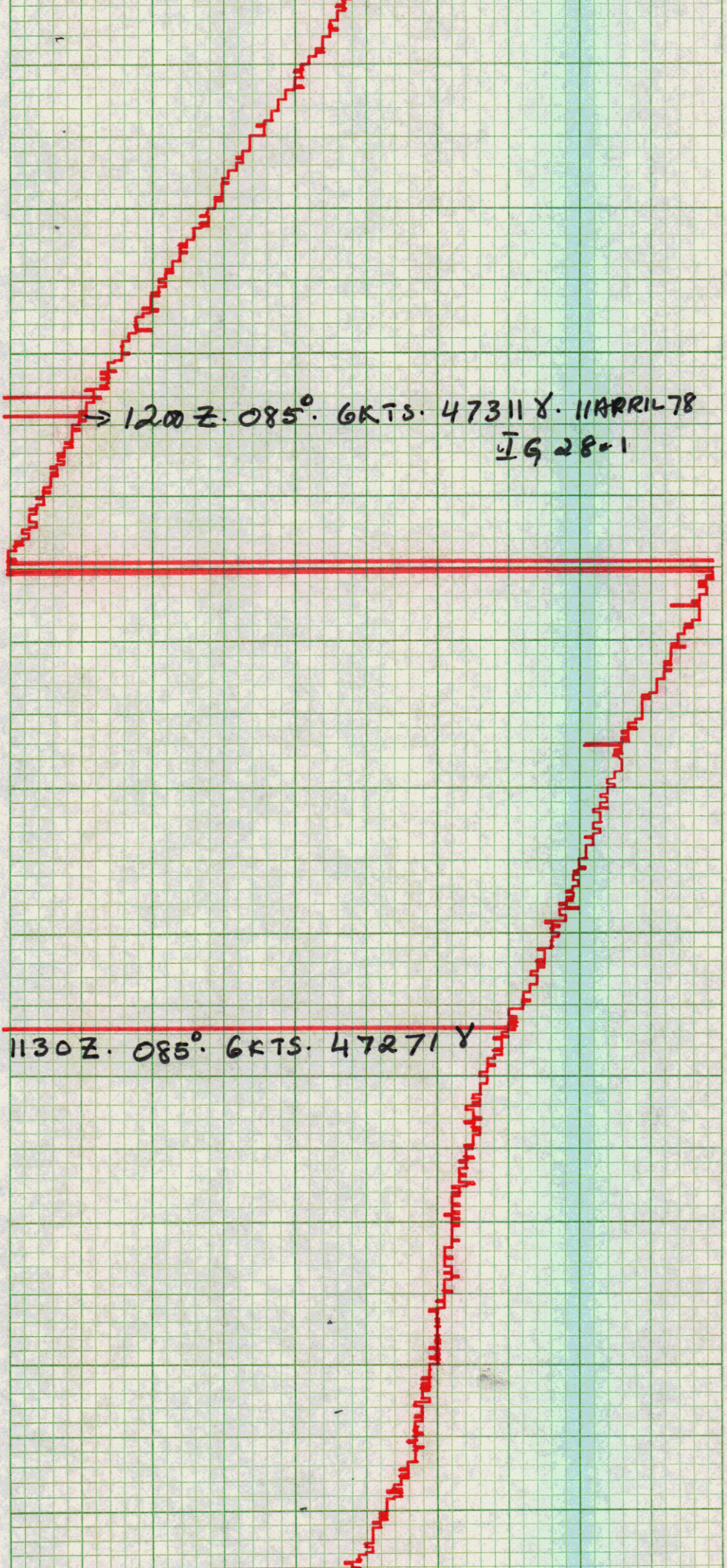

47423 γ
1900Z
1843Z 4S 850/2
1830Z 6 KTS 080° 47483 γ
11 IV 78
4-11-78
1800Z 080° 6KTS
47492 γ

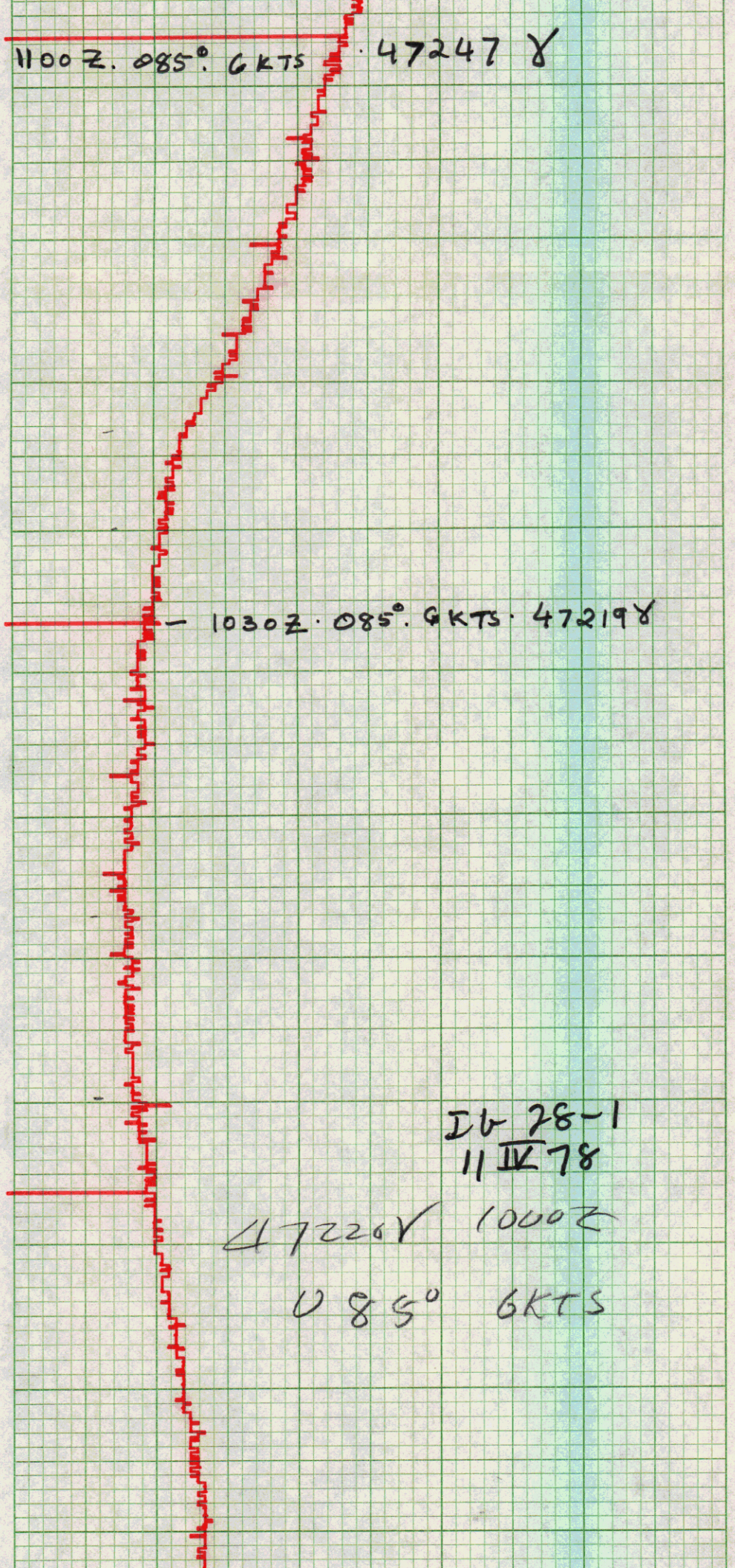

1730Z 6Kts 080° 474392
1704Z clk 080°
47
4440
1700Z 085°
6Kts
1630Z 085° 6Kts 474578

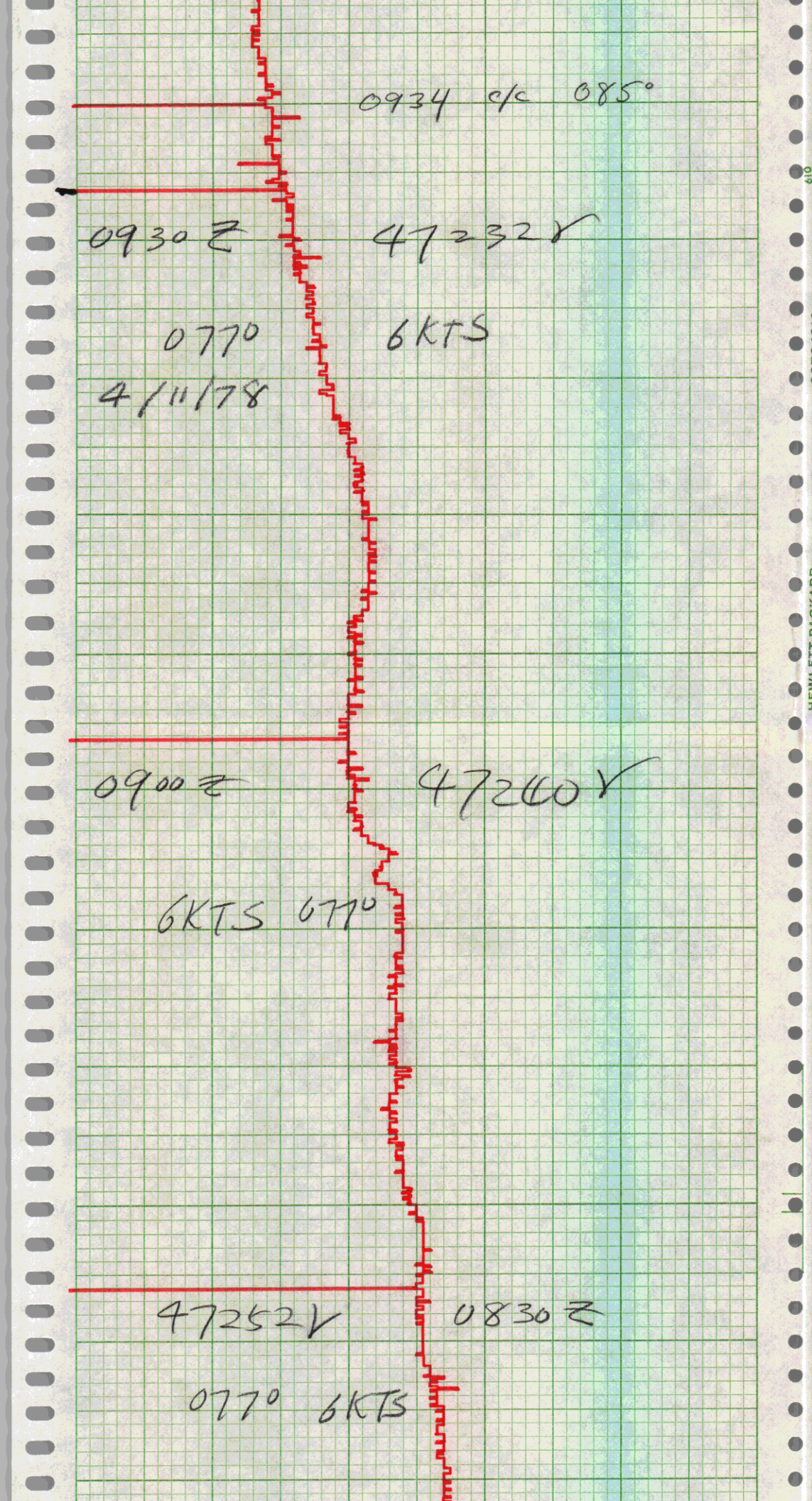

1600Z CETS 085° 474581
EL 28-1 4-11-78
11/III/78
1530Z 085° 6145 474591

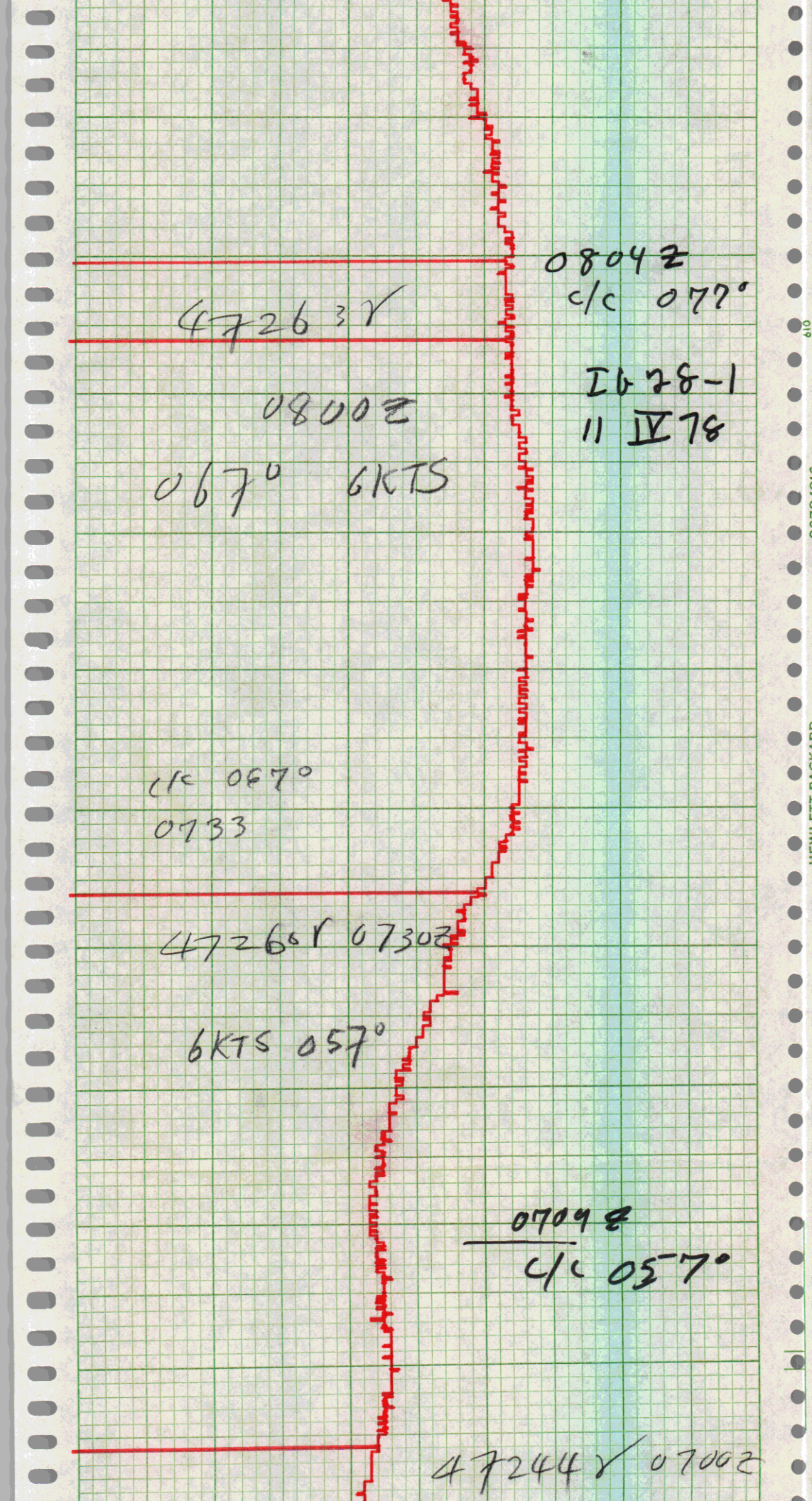

1500Z 6 KTS
085° 474548
IL 28-1 4-11-78
14302 085° 6KTS
474628
14002 085° 6KTS
474658
IL 28-1
11 IX 78

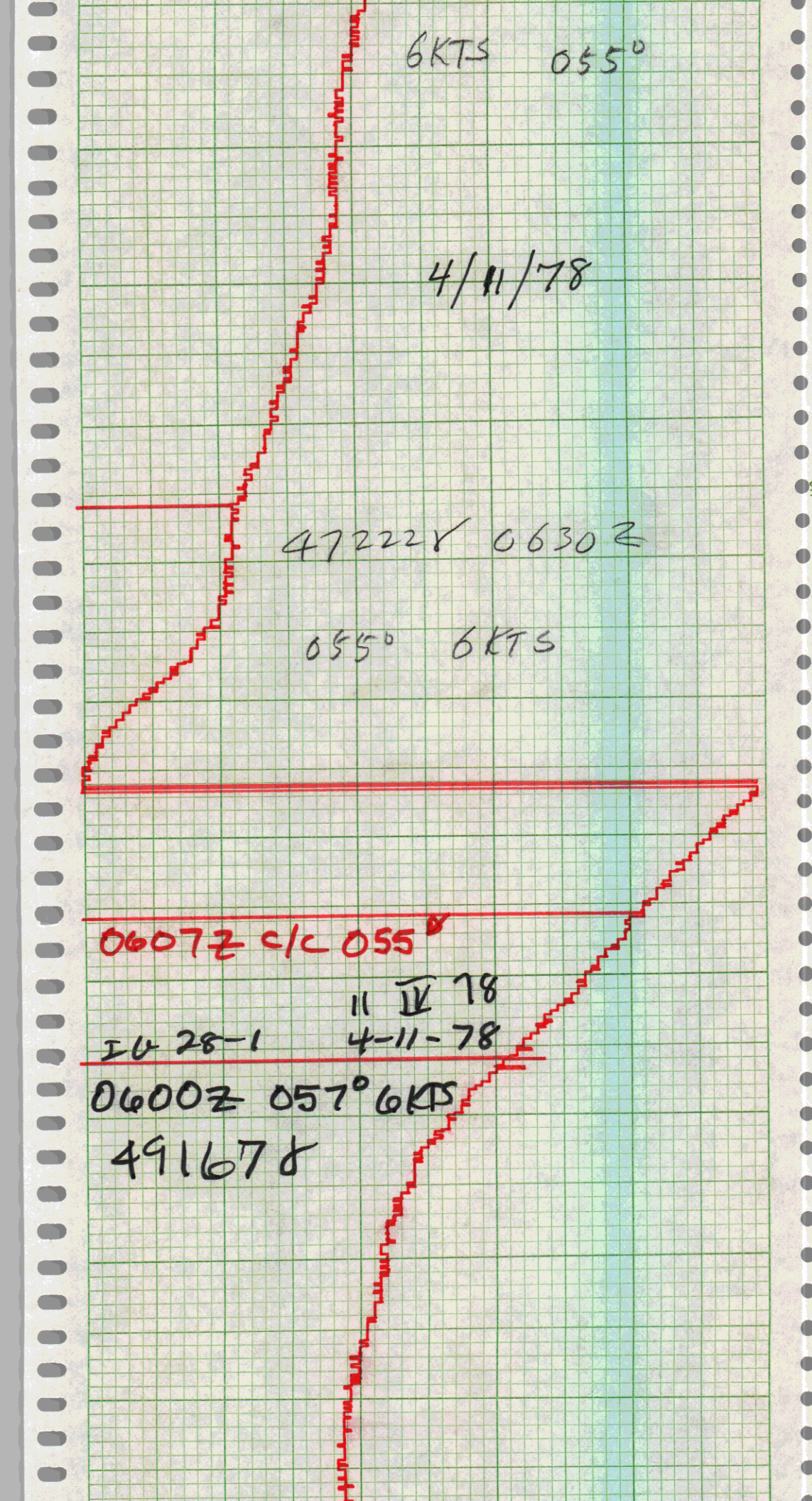

1330Z 11 Apr 78
IG 28-1
085° @ 6 kts
47441 Y
1300Z · 085° · 6 KTS · 47409 Y
1230Z 11 Apr 78
IG 28-1
085° @ 6.0 kts
47363 Y

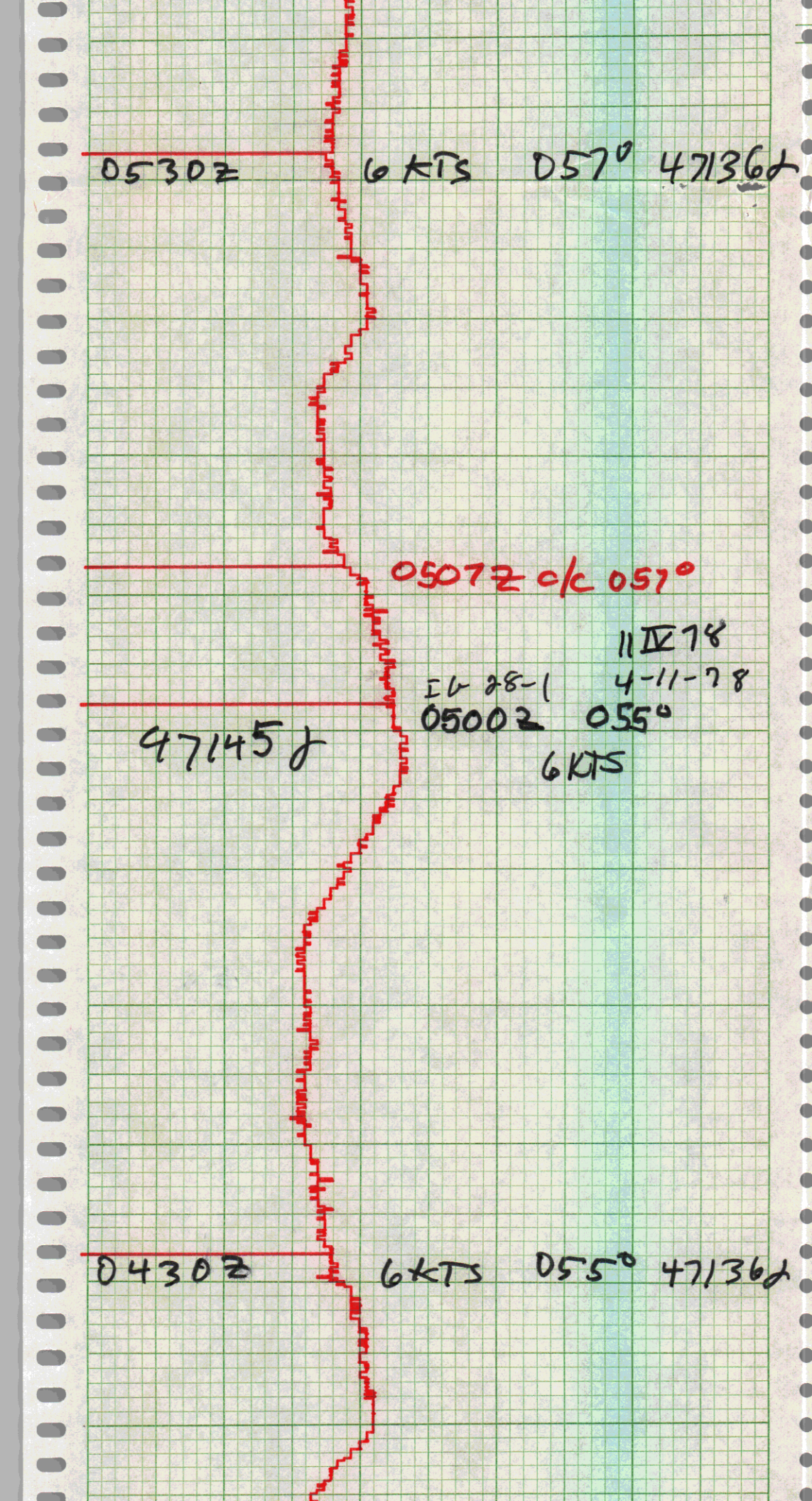

1200Z. 085°. 6KTS. 47311 Y. 11APRIL78
IG 28-1
1130Z. 085°. 6KTS. 47271 Y

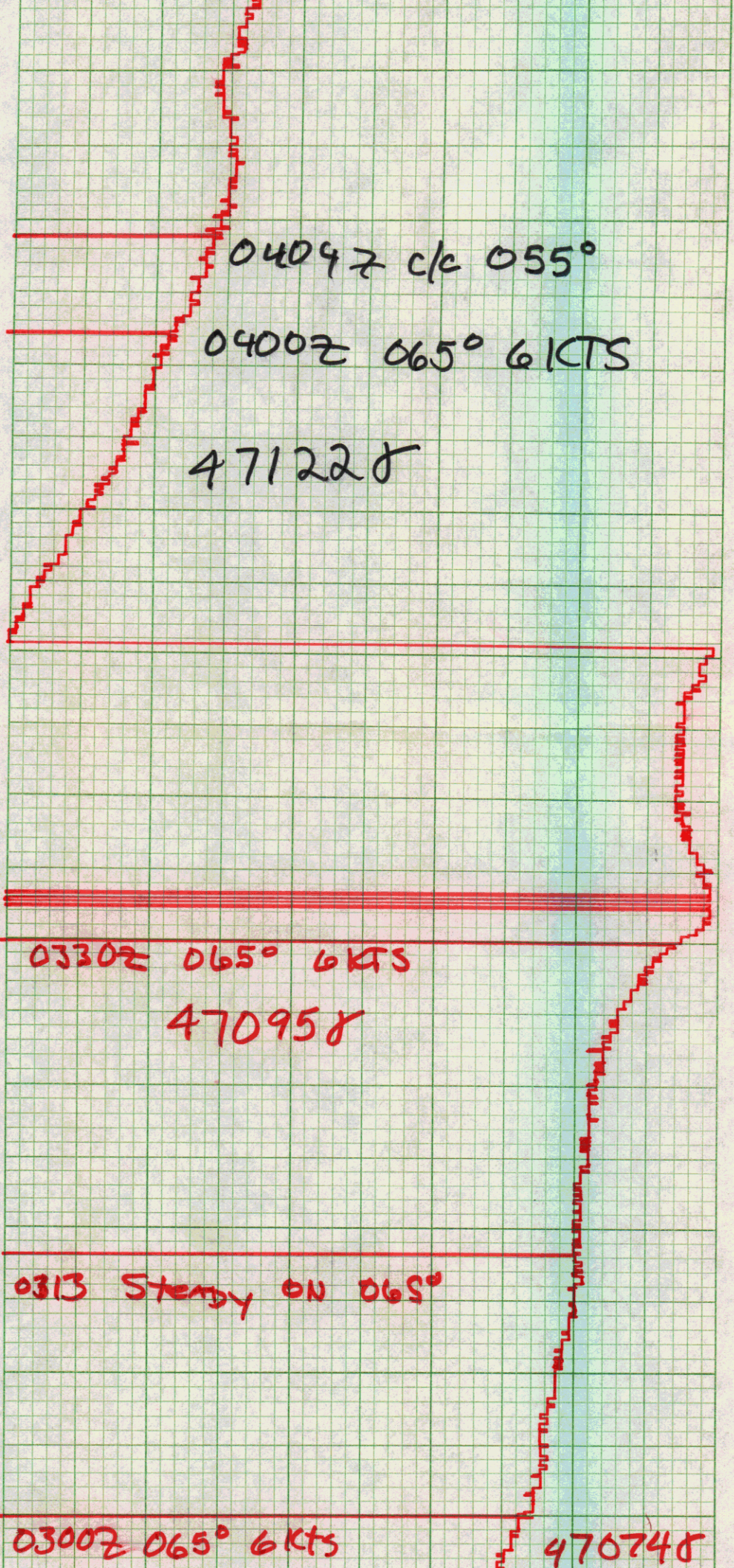

1100Z. 085°. 6KTS · 47247 Y
1030Z · 085° · 6KTS · 47219 Y
IV 28-1
11 IV 78
47226 V 1000Z
V 85° 6KTS

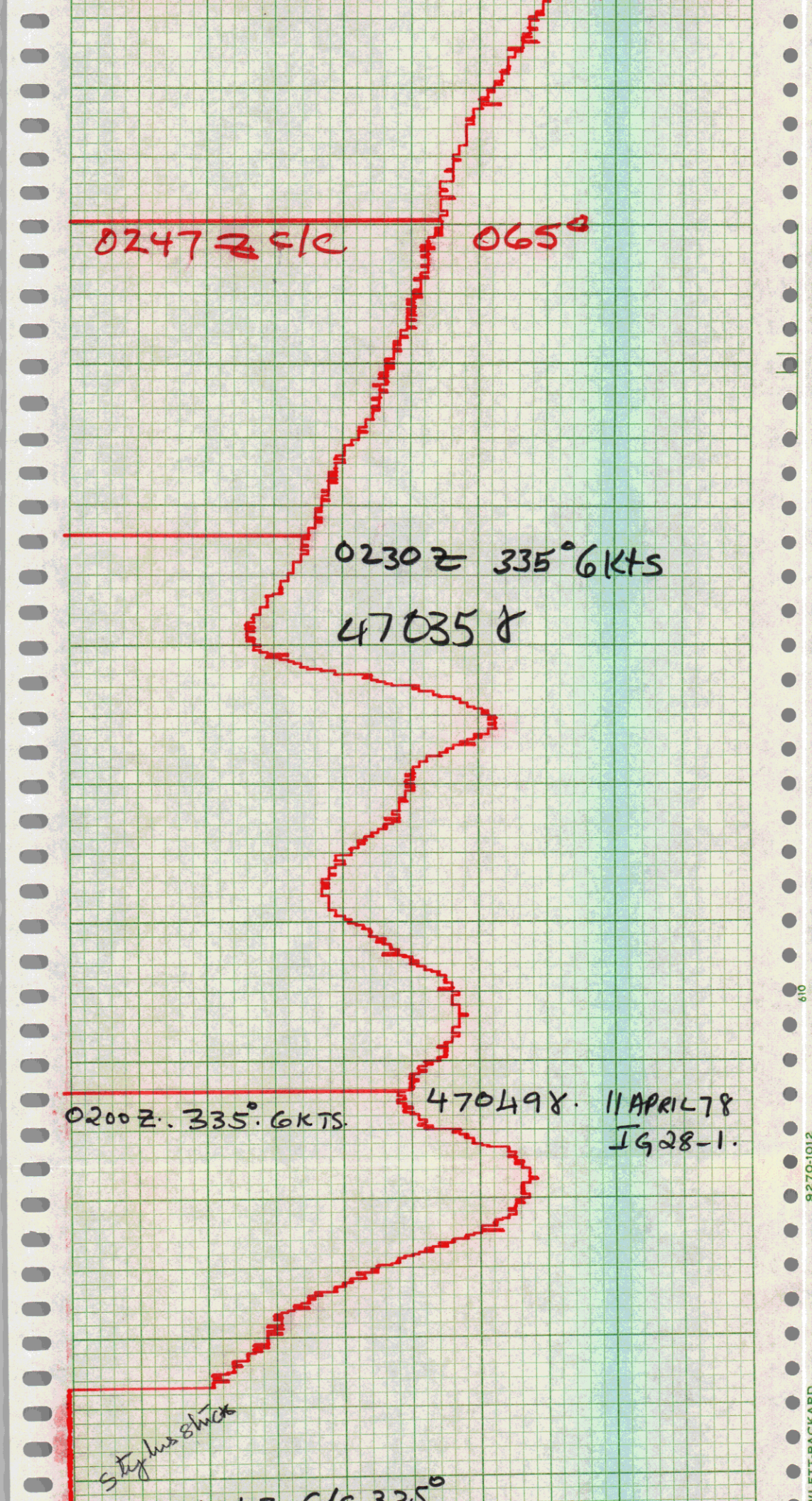

0934 c/c 085°
0930Z 47232Y
077° 6KTS
4/11/78
0900Z 47260Y
6KTS 077°
47252Y 0830Z
077° 6KTS


0804Z
c/c 077°
4726 3Y
I678-1
II IV 78
0800Z
067° 6KTS
c/c 067°
0733
4726 6Y 0730Z
6KTS 057°
0709Z
c/c 057°
47244Y 0700Z


6KTS 055°
4/11/78
47222Z 0630Z
055° 6KTS
0607Z C/C 055°
II IV 78
IV 28-1
4-11-78
0600Z 057° 6KTS
491678


0530Z 6 KTS 057° 47136J
0507Z c/c 057°
11 IV 78
IL 28-1 4-11-78
05002 055°
47145J
6 KTS
0430Z 6 KTS 055° 47136J


0404Z C/C 055°
0400Z 065° 6KTS
471228
0330Z 065° 6KTS
470958
0313 STEADY ON 065°
0300Z 065° 6KTS
470748


0247Z clc
065°
0230Z 335° 6KTS
47035 8
0200Z. 335°. 6KTS.
470498. 11 APRIL 78
IG28-1.
Stylus stuck

0136Z 46 330

0130 Z 325°. 6KTS. 469938

0100 Z 325°. 6 KTS. 47017 Y.

00 28Z 11 APRIL 78.
325°. 6 KTS.

IL 28-1

PROTON MARINE
MAGNETOMETER

BEGIN: IU 28-1 00282 11 IV 78

END: IU 28-2 19002 17 IV 78