

410186

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TOTAL CASTLE  
EMERSON - R

1ST EDITON

GILBERT

ISLANDS

ISLANDS

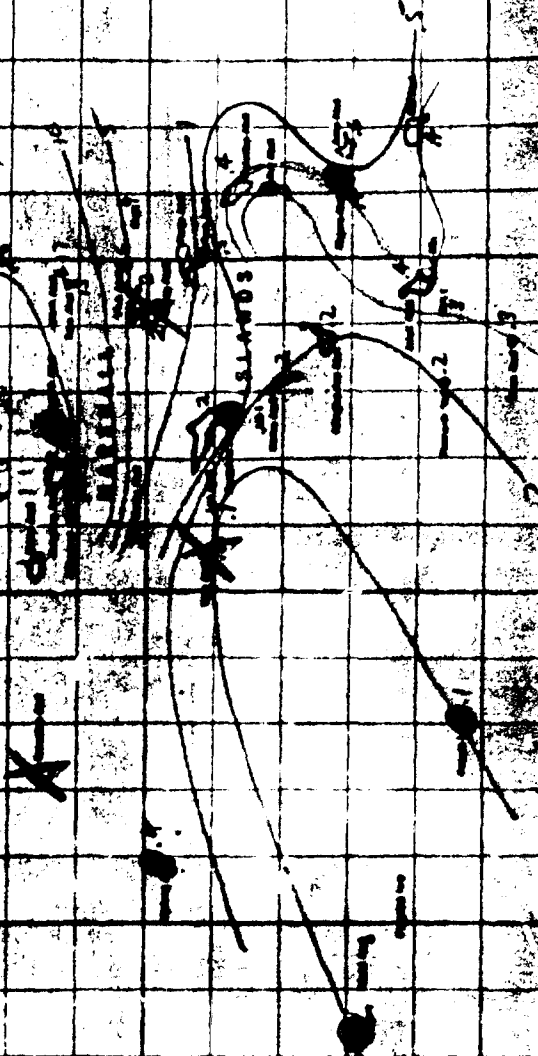
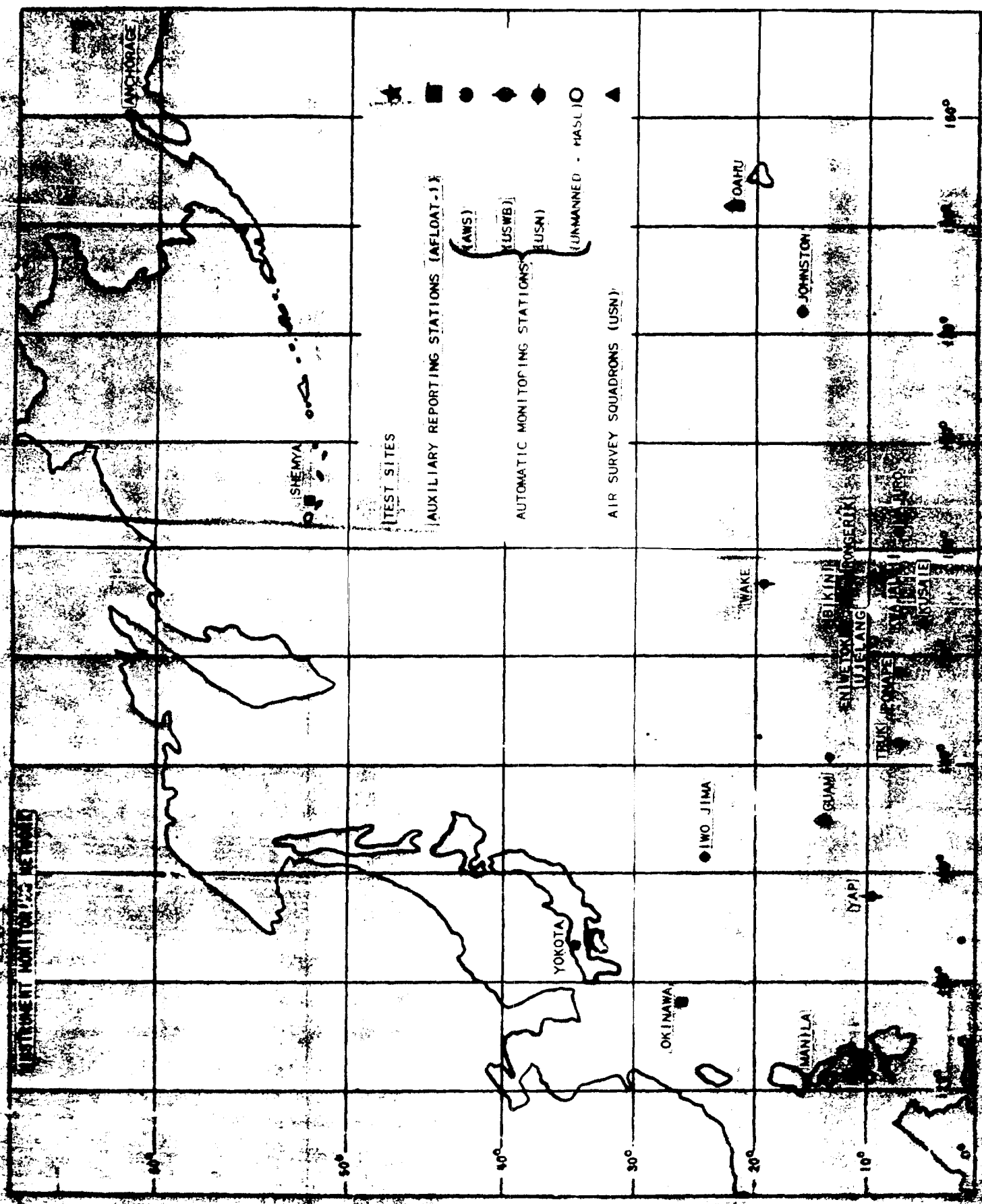


FIG. 1  
SUBSISTENCE MONITORING NETWORK



TEST SITES

AUXILIARY REPORTING STATIONS (AFLOAT-1)

AUTOMATIC MONITORING STATIONS  
{ AWS }  
{ USWB }  
{ USN }  
{ UNMANNED - MASLI }

AIR SURVEY SQUADRONS (USN)

STORAGE

SHENYA

YOKOTA

OKINAWA

IWO JIMA

GUAMI

BIKINI

ENIWETOK

UJELANG

TRUK

PWAPE

MANILLA

BATAVIA

SYDNEY

JOHNSTON

OAHU

160°

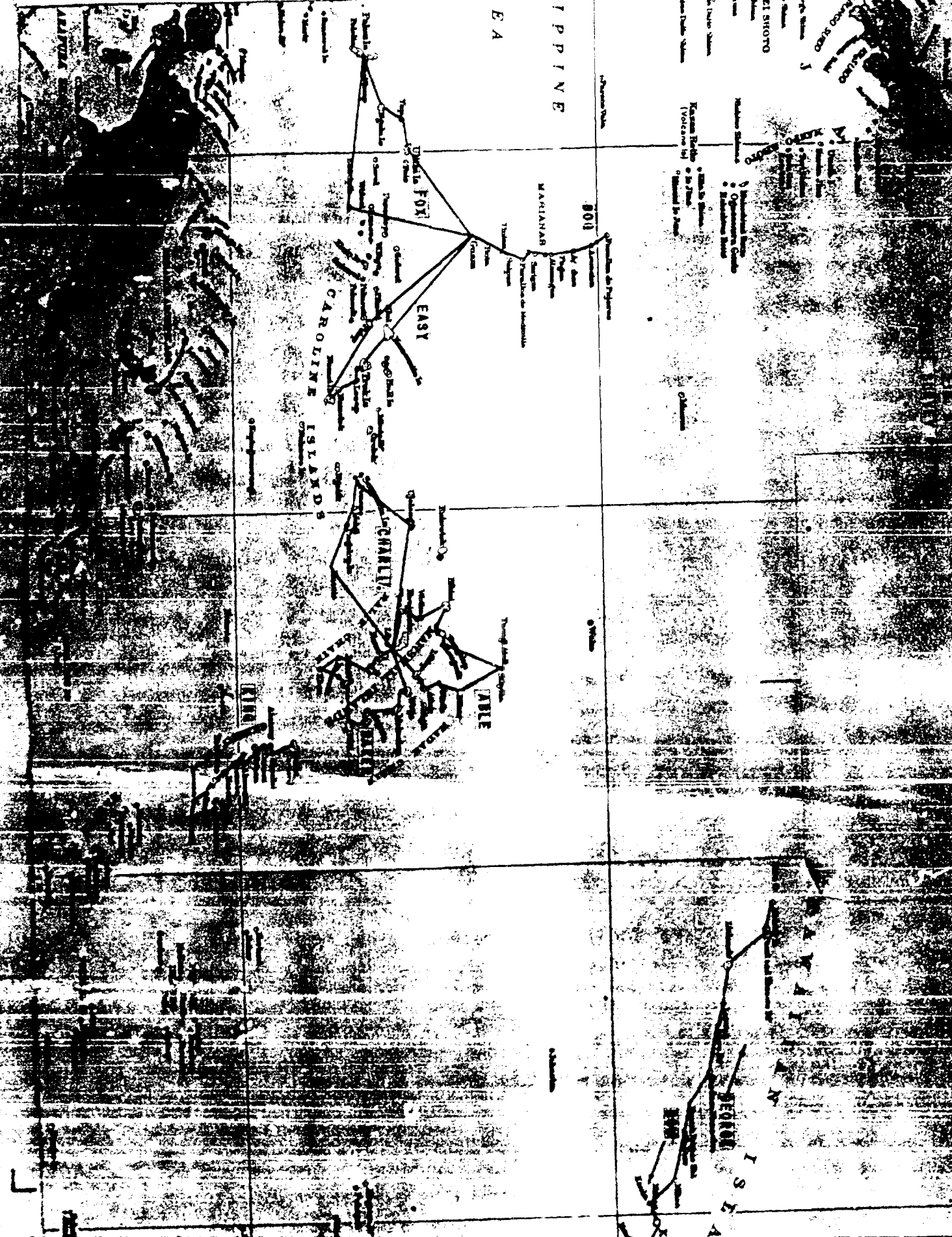
50°

40°

30°

20°

10°



SEA

IPPINE

MARIANAS

EAST

WEST

CHARLOTTE

ISLANDS

ABLE

ISLAND

SEASIDE

SEA

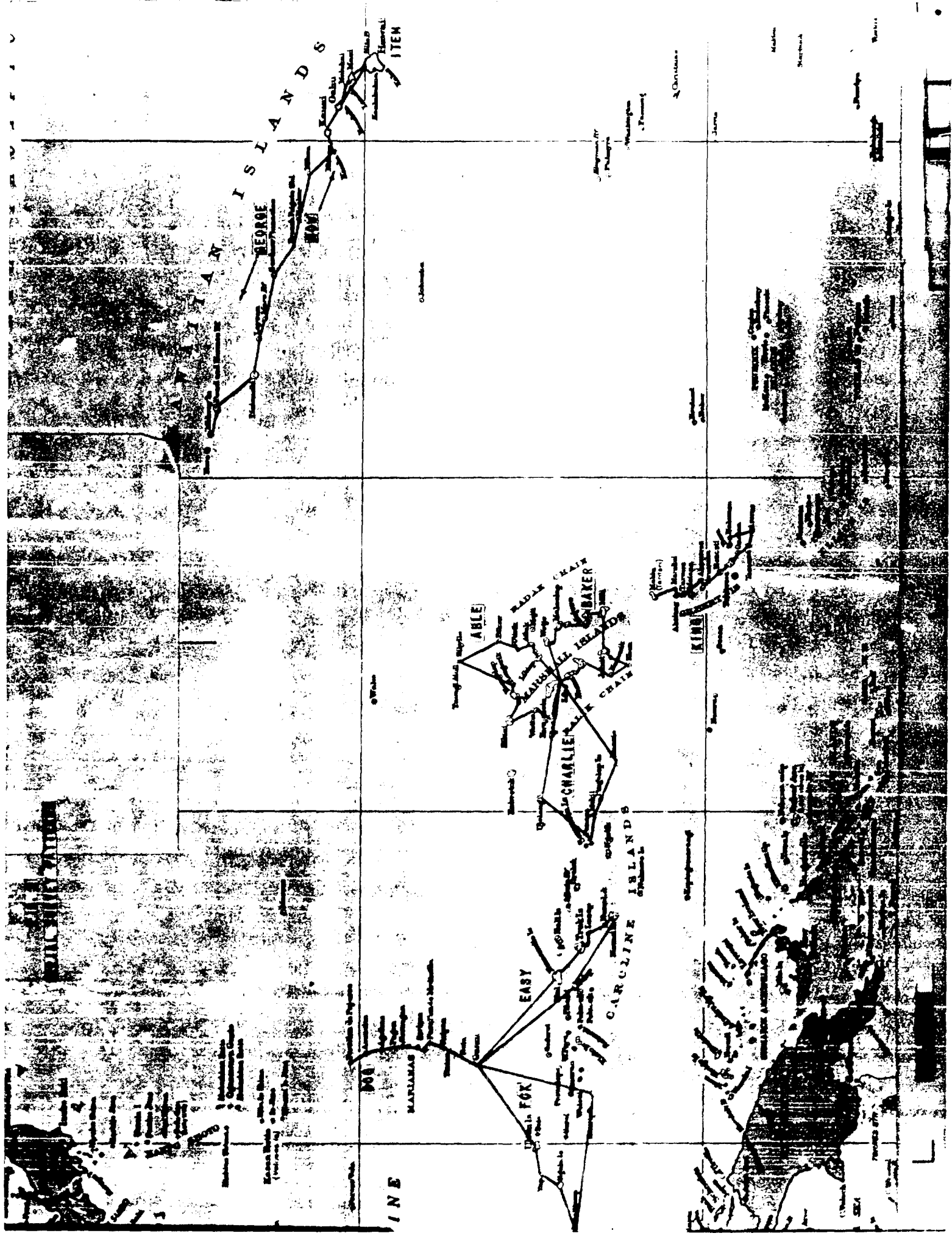


FIG. 21

AERIAL SURVEY MEASUREMENTS

PATTERNS GEORGE, HOW, AND ITEM

BRAVO EVENT

(ALL READINGS IN MILES)

0.43

0.00

0.2

0.45

0.2

HAWAIIAN

French Frigate Shoals

0.1

0.31

ISLANDS

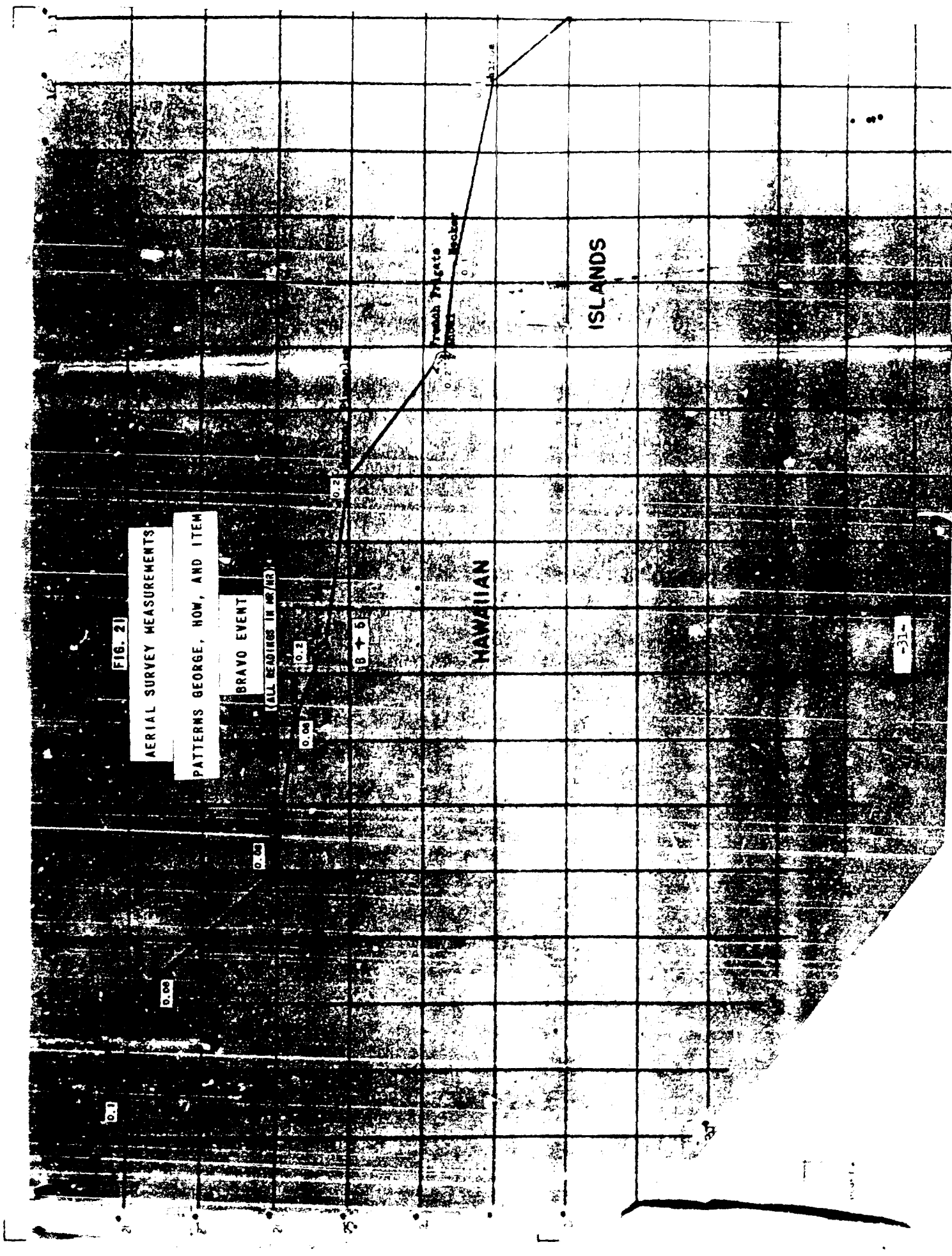


FIG. 21

AERIAL SURVEY MEASUREMENTS

PATTERNS GEORGE, HOW, AND ITTY

BRAYO EVENT

(ALL READINGS IN MZ KT)

0.04

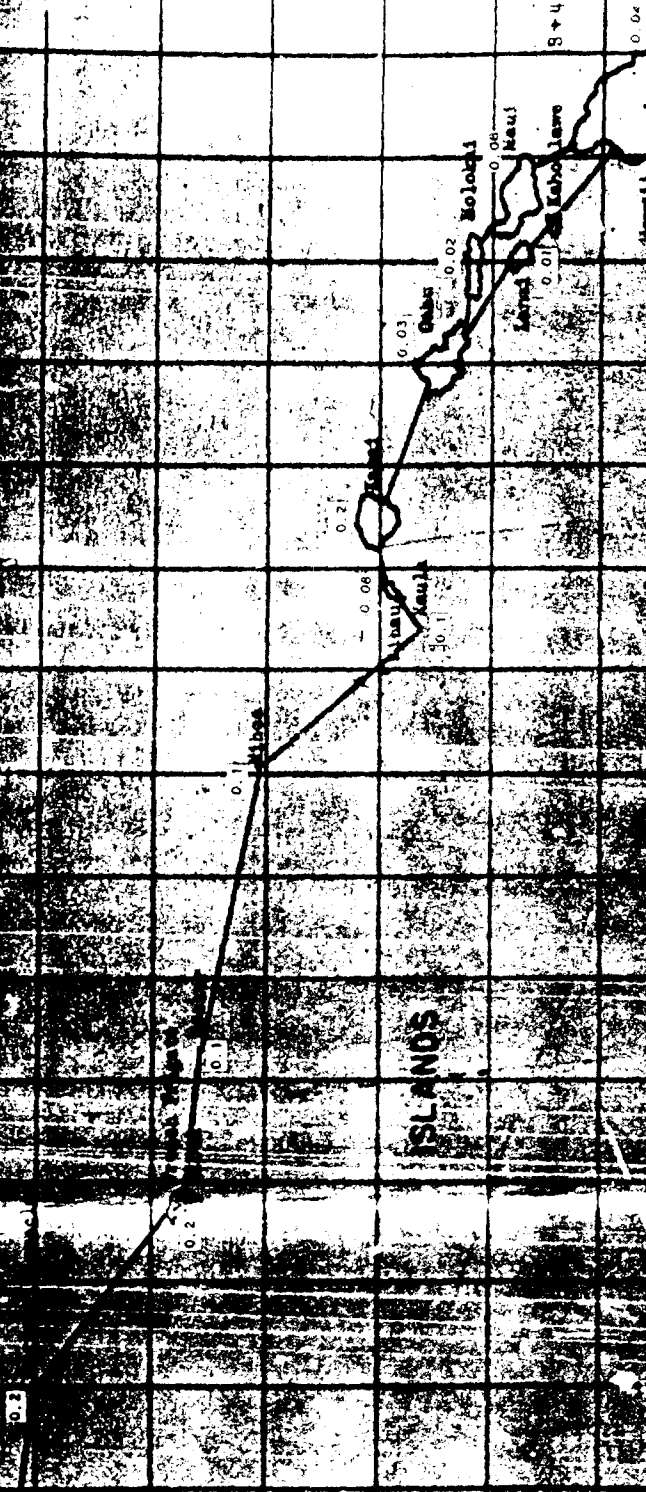
0.1

0.2

B → 3

HAWAIIAN

ISLANDS



27

FIG. 21

AERIAL SURVEY MEASUREMENTS

PATTERNS GEORGE, HOW, AND ITEM

BRAVO EVENT

(ALL READINGS IN MILES)

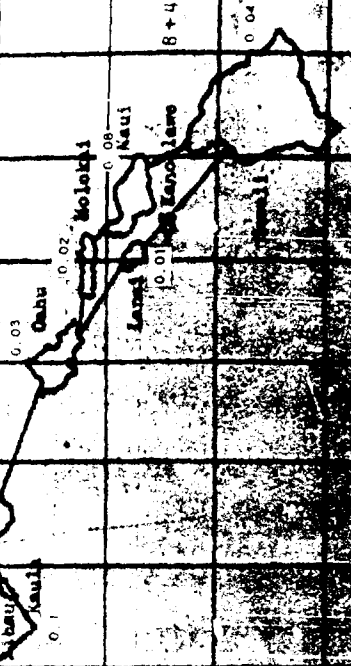


French Frigate Shoals

HAWAIIAN

Molokai

ISLANDS

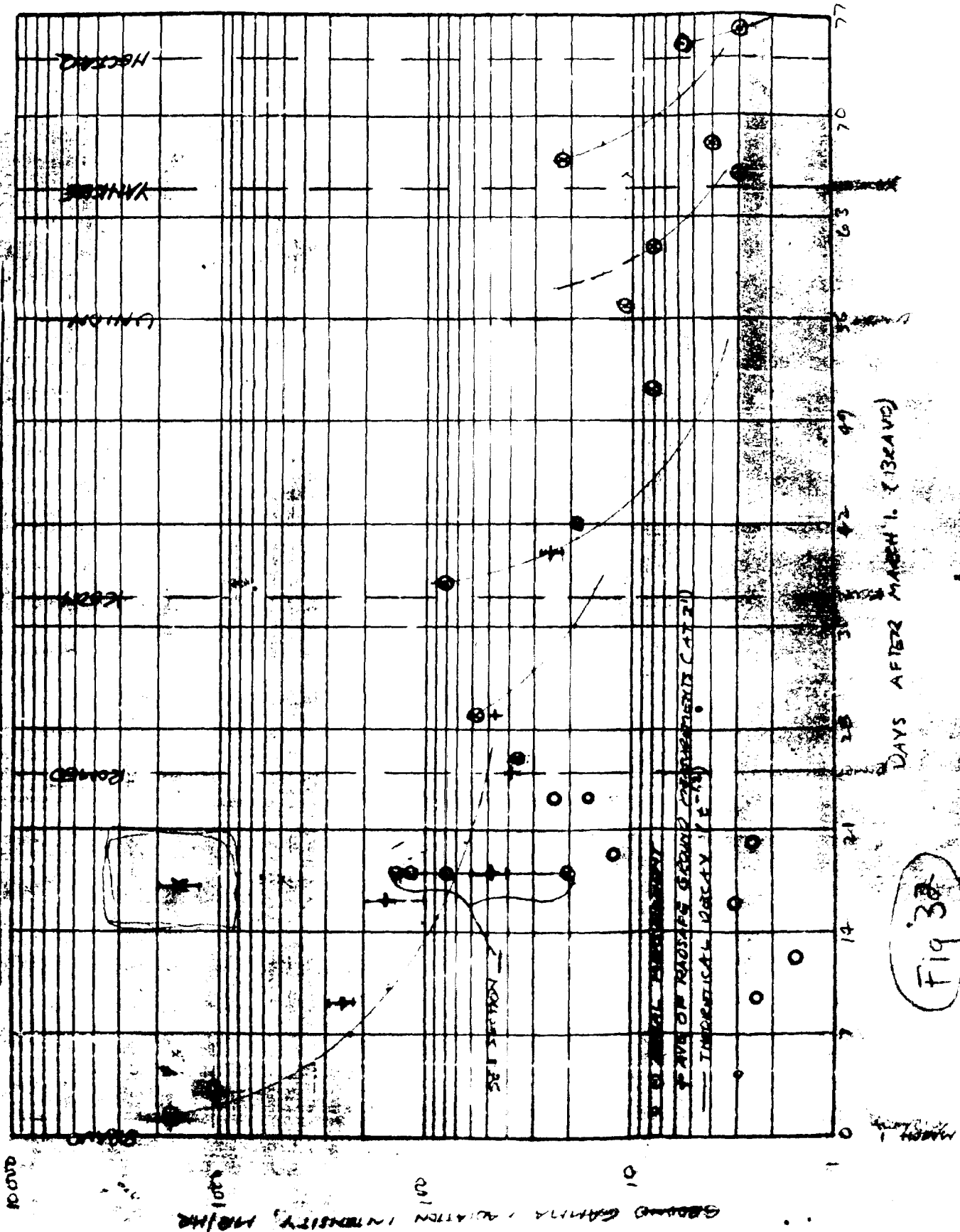




RONGSEUK

660 133 R 12 E1  
W. 1111

EX: AERIAL MONITORING MEASUREMENTS - RONGSEUK



DAYS AFTER MARCH 1 (BEAVIS)

Fig 30

GROUND GAMMA RADIATION INTENSITY, MR/HR

1000

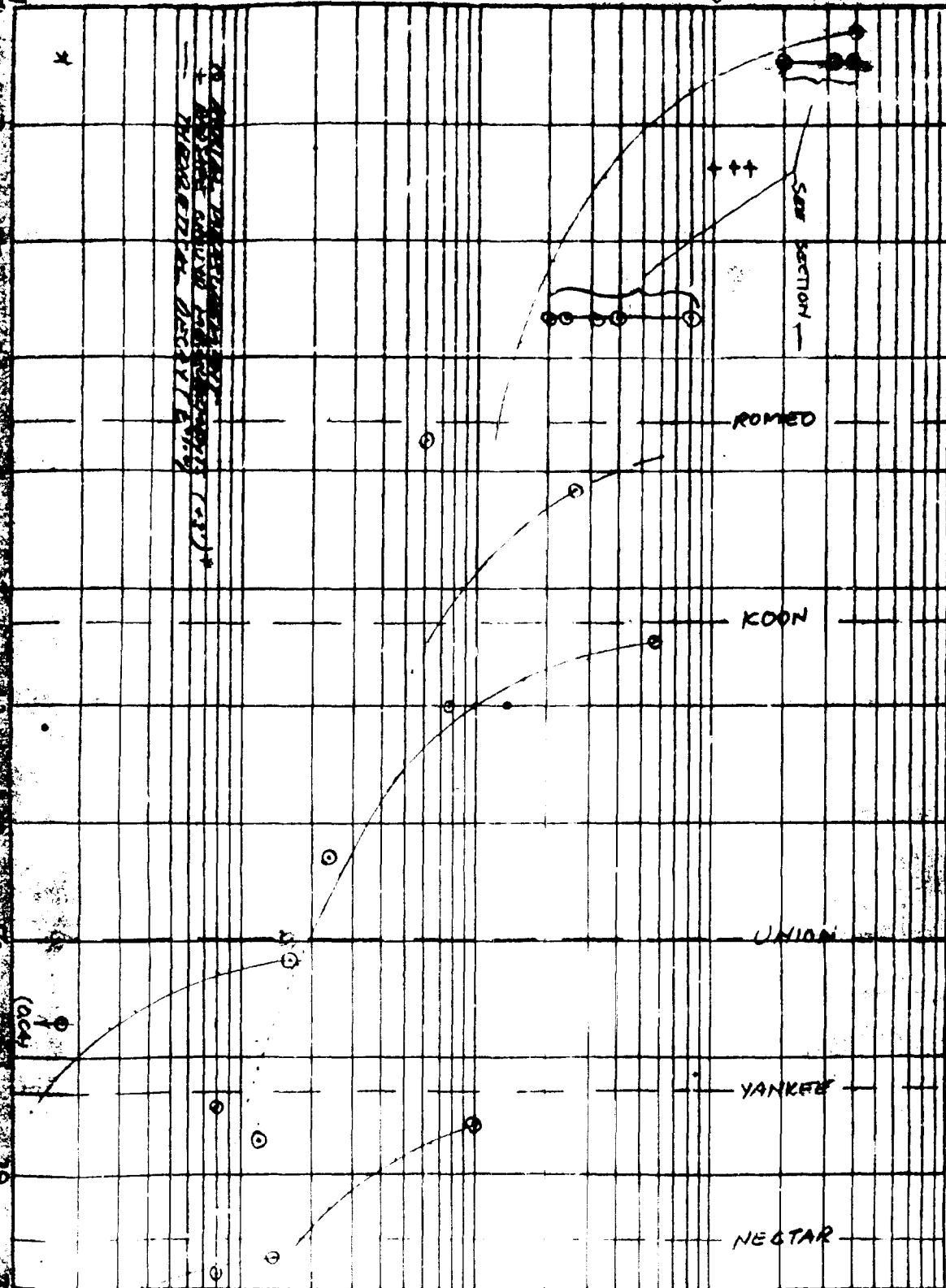


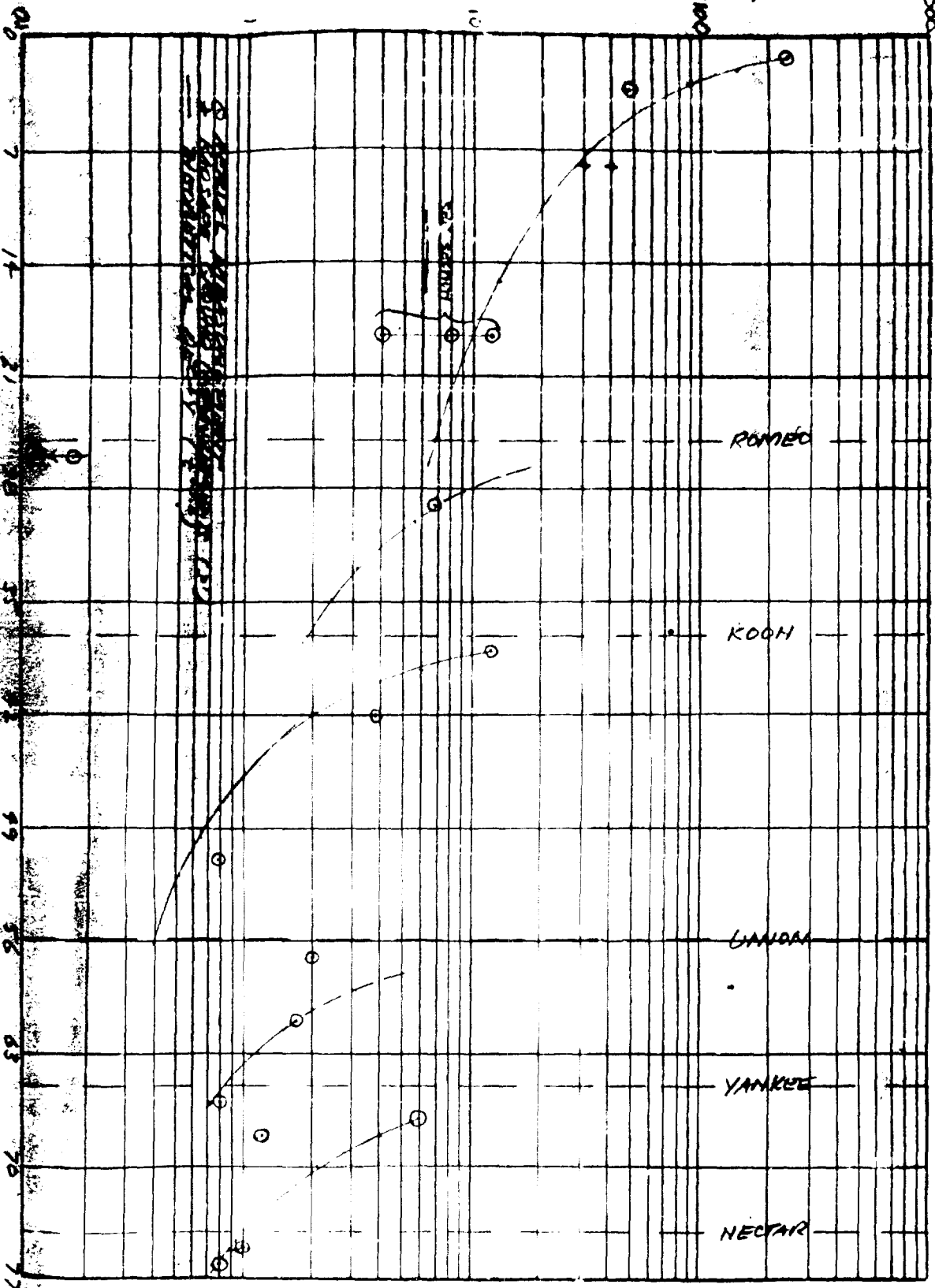
FIG. 1. AIRBORNE MONITORING MEASUREMENTS - HIRASHIMA

ALL INGS IN AE

Fig 13

DAYS AFTER HIROSHIMA (BRAVO)

GROUND GAMMA RADIATION INTENSITY, MR/HR



GROUND GAMMA RADIATION INTENSITY MEASUREMENTS - UTTIG

471215

FIG 34

MEDICAL MONITORING

DATE: MARCH 1 (GROUND)

GROUND GAMMA RADIATION INTENSITY, MR/HR

100

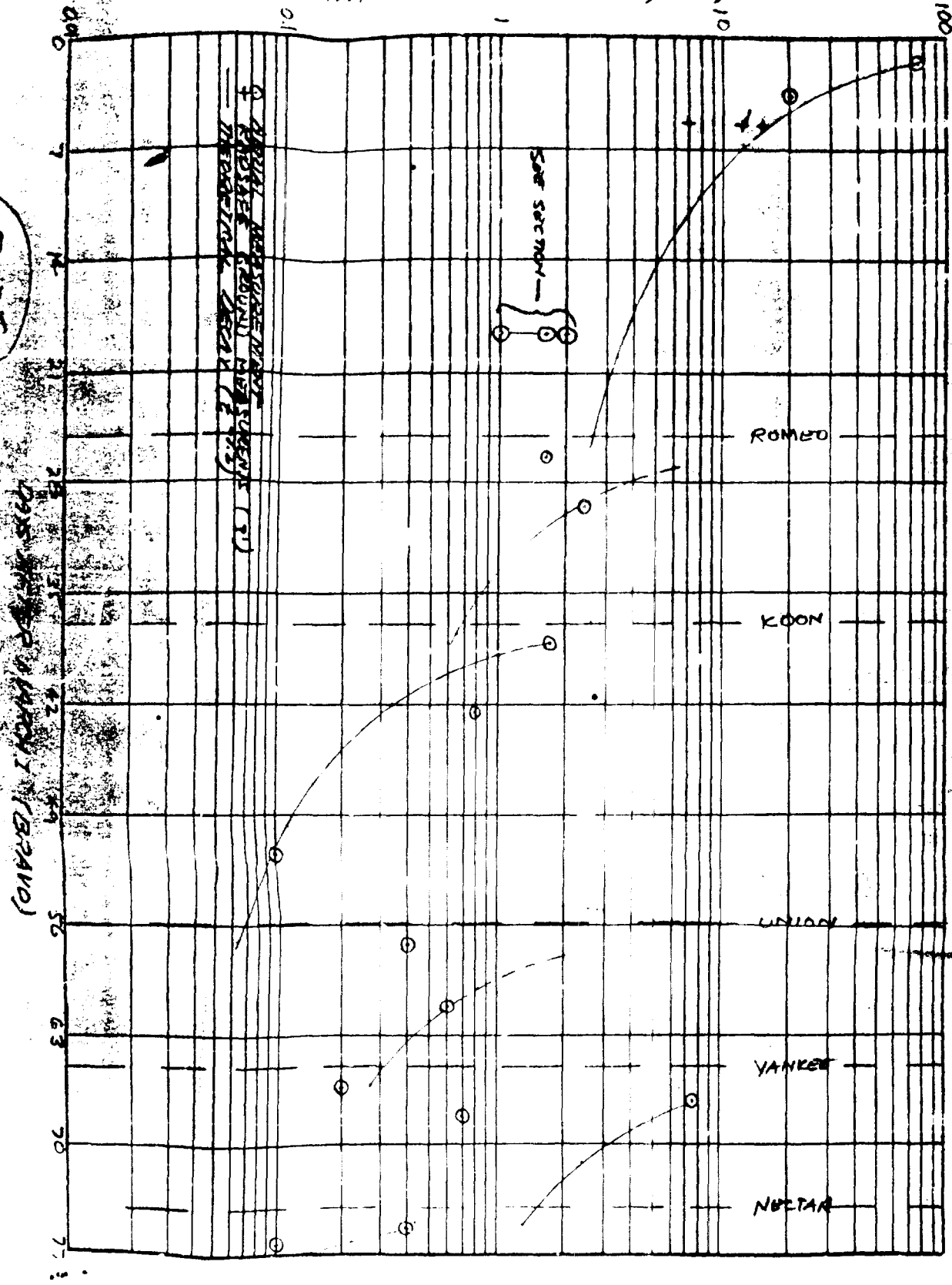


FIG. 1. AERIAL MONITORING MEASUREMENTS - PICNIC

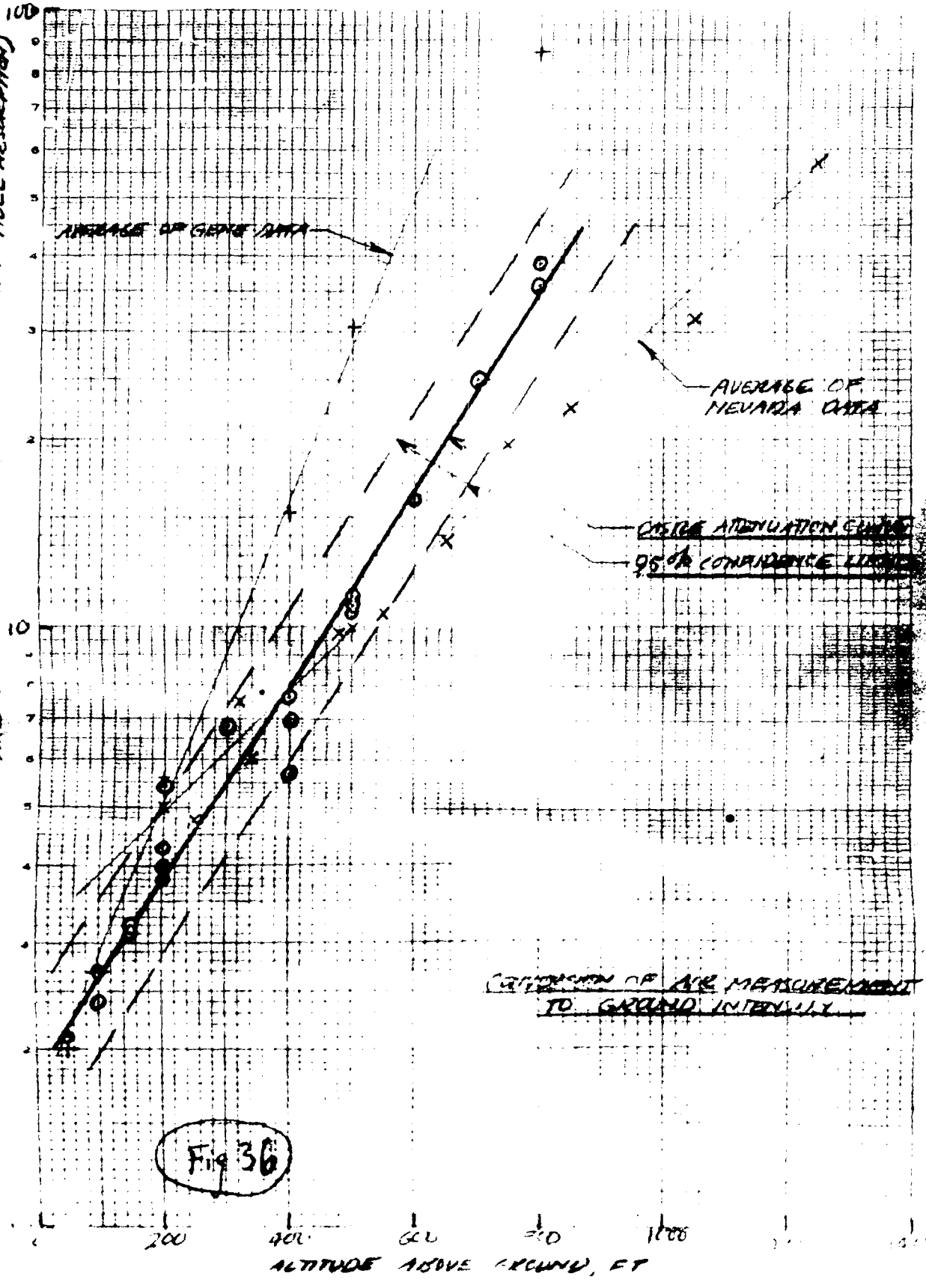
Fig 35

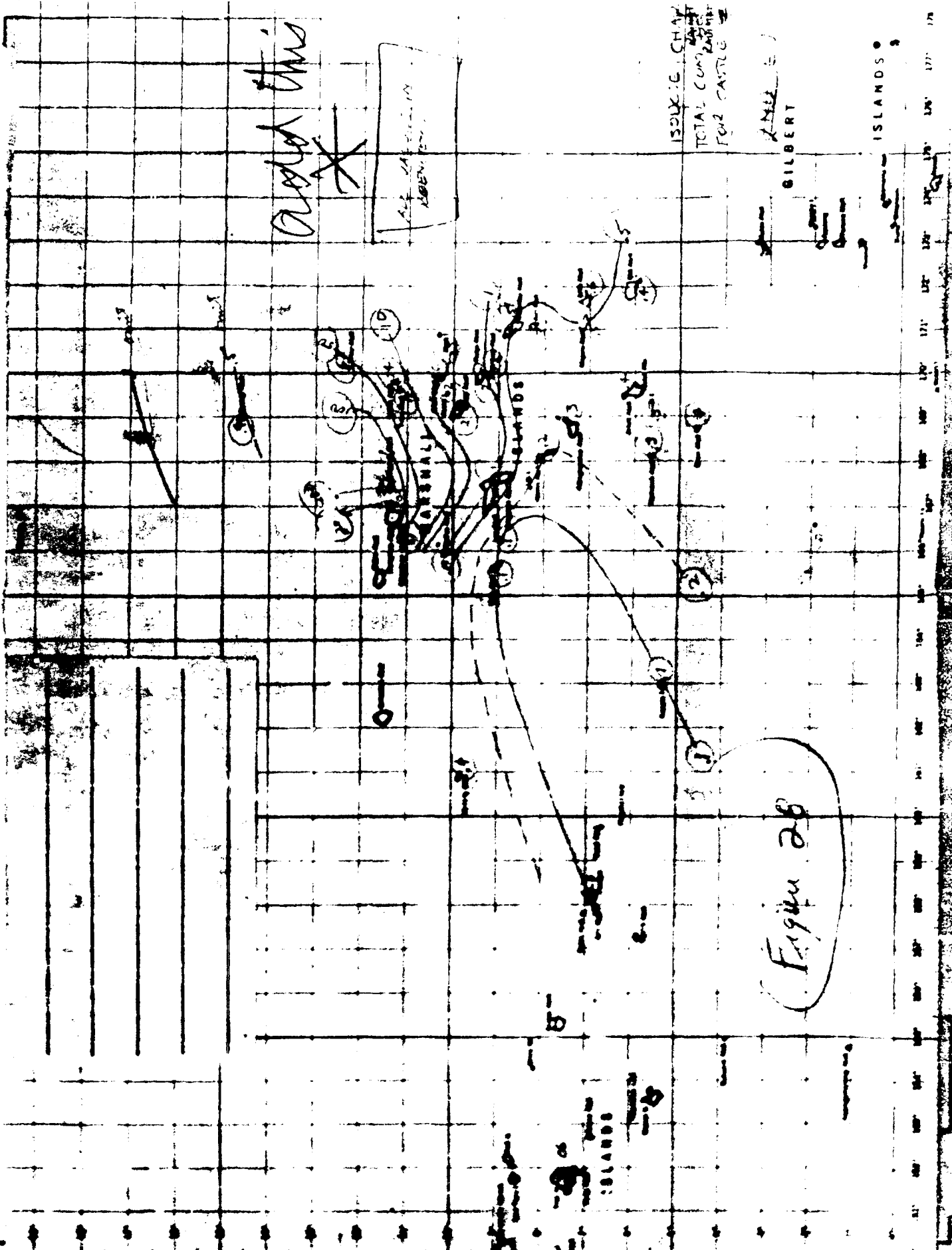
DATA FROM AERIAL MONITORING (BRAND)

ENGINE DIVISION

14 7/8" DIA. 3 IN. GRAPH PAPER  
NEW 1000-2700  
4 CIRCLES 10 DIVISIONS PER INCH

ATTENUATION FACTOR (INCLUDES AIRCRAFT HULL ATTENUATION)





ISLANDS CHAIN  
TOTAL COM...  
FOUR CASTLE

GILBERT

ISLANDS

Figure 28

170 175 180 185 190 195 200 205 210 215 220 225 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300 305 310 315 320 325 330 335 340 345 350 355 360 365 370 375 380 385 390 395 400 405 410 415 420 425 430 435 440 445 450 455 460 465 470 475 480 485 490 495 500 505 510 515 520 525 530 535 540 545 550 555 560 565 570 575 580 585 590 595 600 605 610 615 620 625 630 635 640 645 650 655 660 665 670 675 680 685 690 695 700 705 710 715 720 725 730 735 740 745 750 755 760 765 770 775 780 785 790 795 800 805 810 815 820 825 830 835 840 845 850 855 860 865 870 875 880 885 890 895 900 905 910 915 920 925 930 935 940 945 950 955 960 965 970 975 980 985 990 995 1000

RELATIVE ERROR 0.1% NO 900-100  
 GAMMA INTENSITY, MR/HR

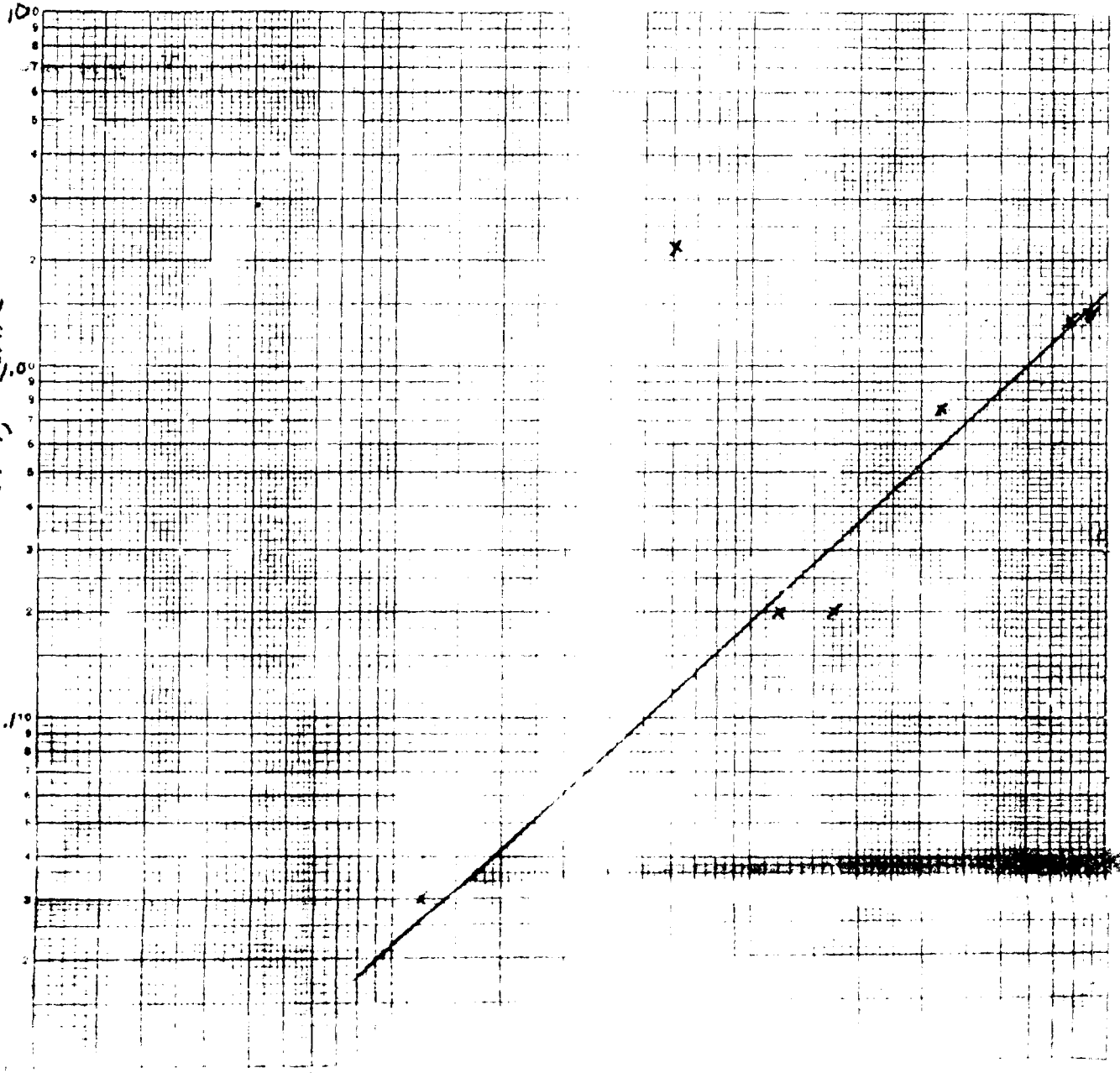


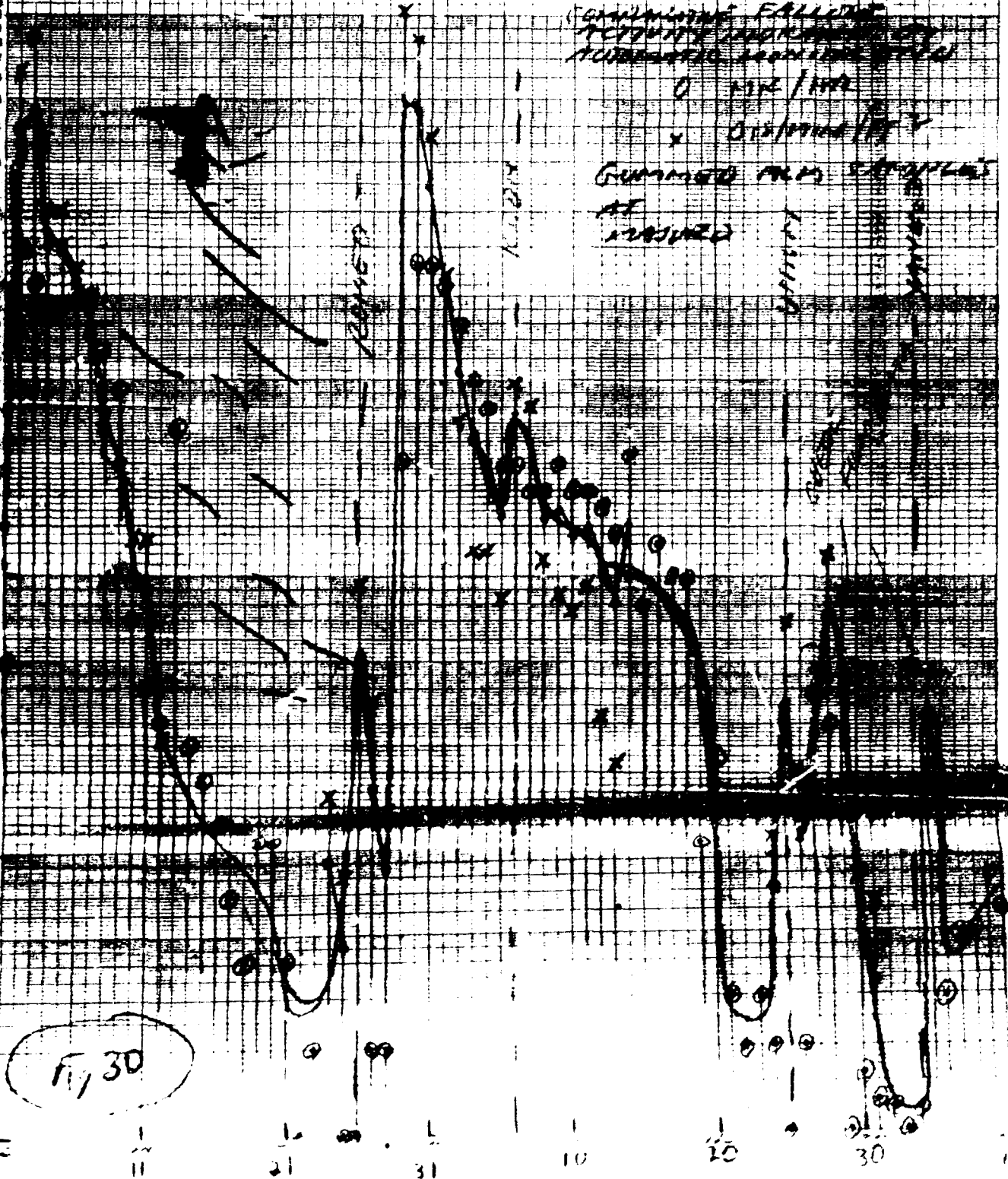
FIG.

1271 1 152

39

070	071	072	073	074	075	076	077	078	079	080	081	082	083	084	085	086	087	088	089	090	091	092	093	094	095	096	097	098	099	100
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	

(CONTINUING FALLING  
 TENDENCY AND  
 ACCUMULATED FROM THE  
 0. HRE / HRE  
 x DISTANCE / HRE  
 GUMMED PAPER STRIP  
 AT  
 12:30



DISTANCE  
 TIME

11, 30

11 21 31 10 20 30



RESPONSE OF SURVEY INSTRUMENTS OVER ENERGY SPECTRUM

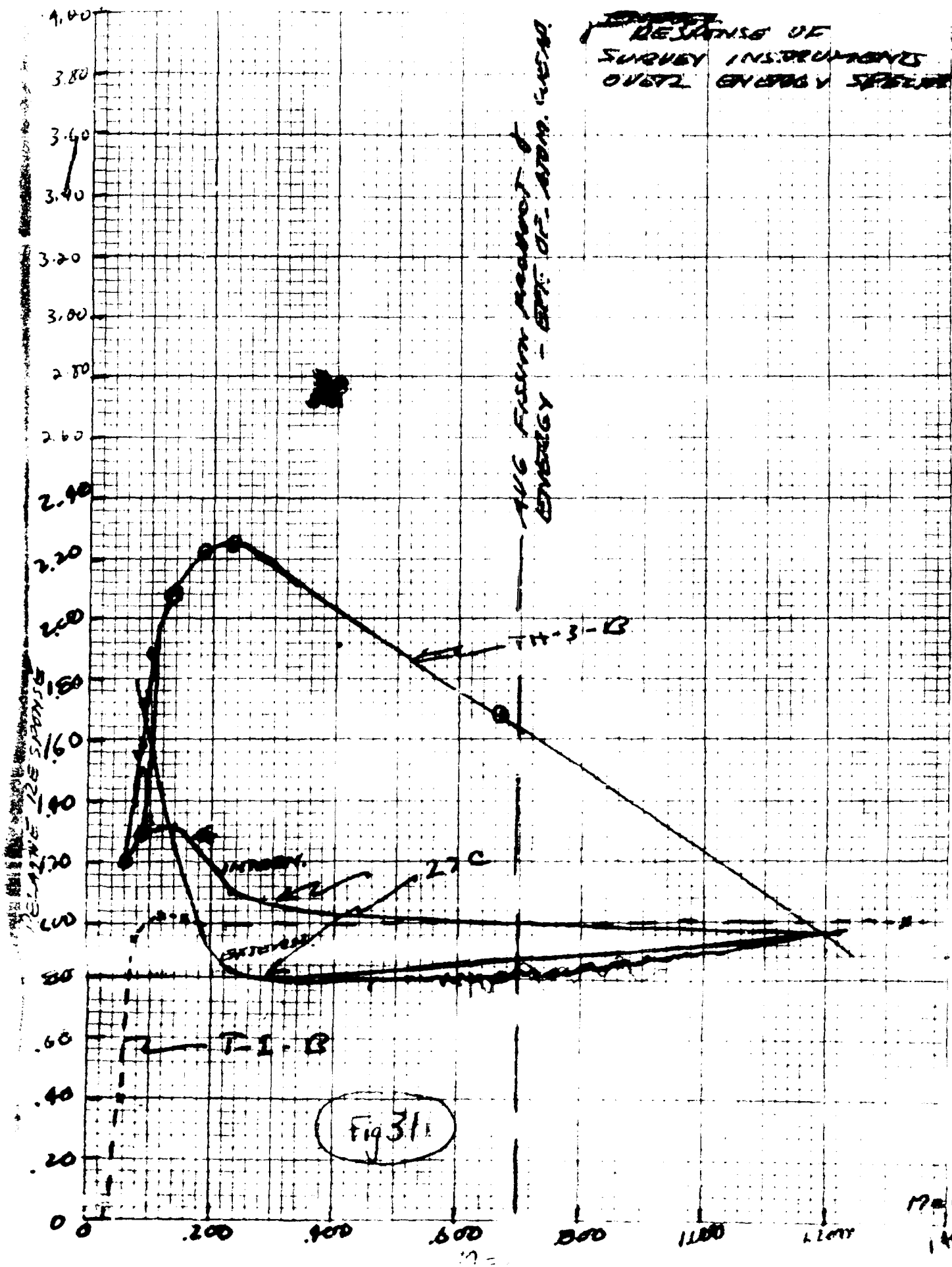


Fig 31

MEV  
140

TIB

KEV	Rdc
Co 60	1.001
135	1.02
120	1.10
72	0.96
53	0.90
36	0.05

27C

	INT	EXT
Ra	0.96	0.96
230	1.10	0.82
140	1.32	1.24
96	1.29	1.35
85	1.51	1.66
75	1.59	1.79

TIB-B

60	1.2
85	1.28
135	2.07
185	2.22
230	2.27
670	1.68