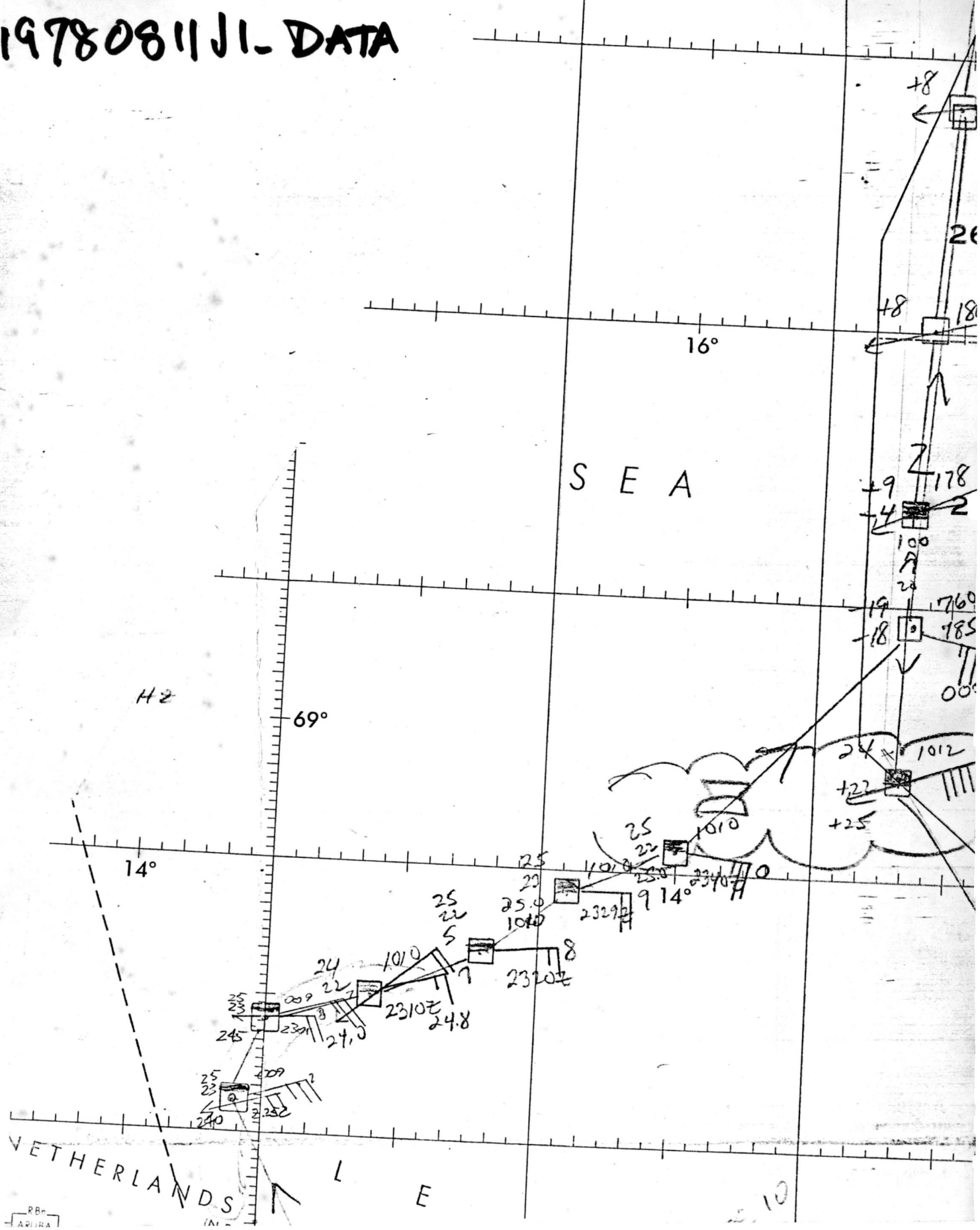
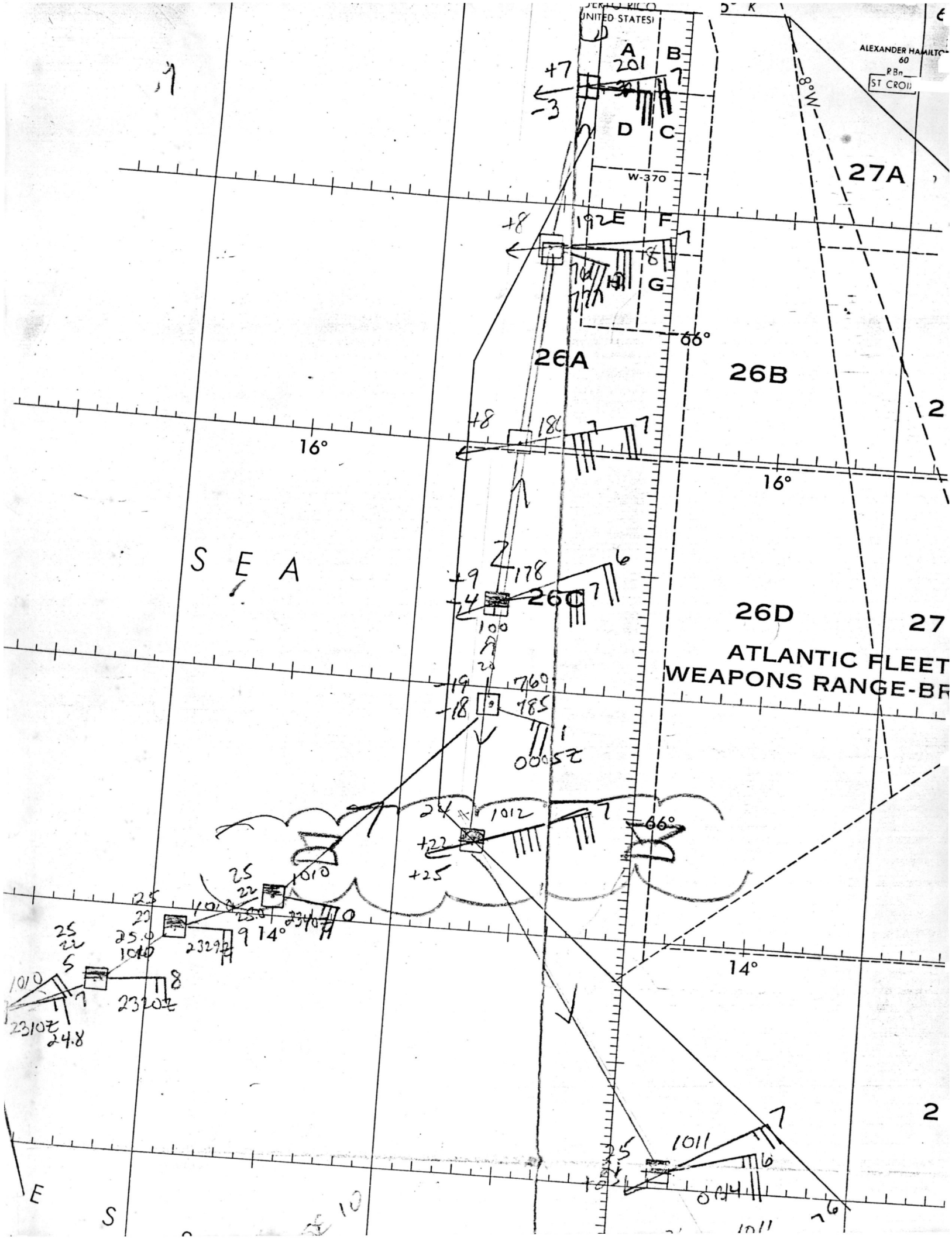
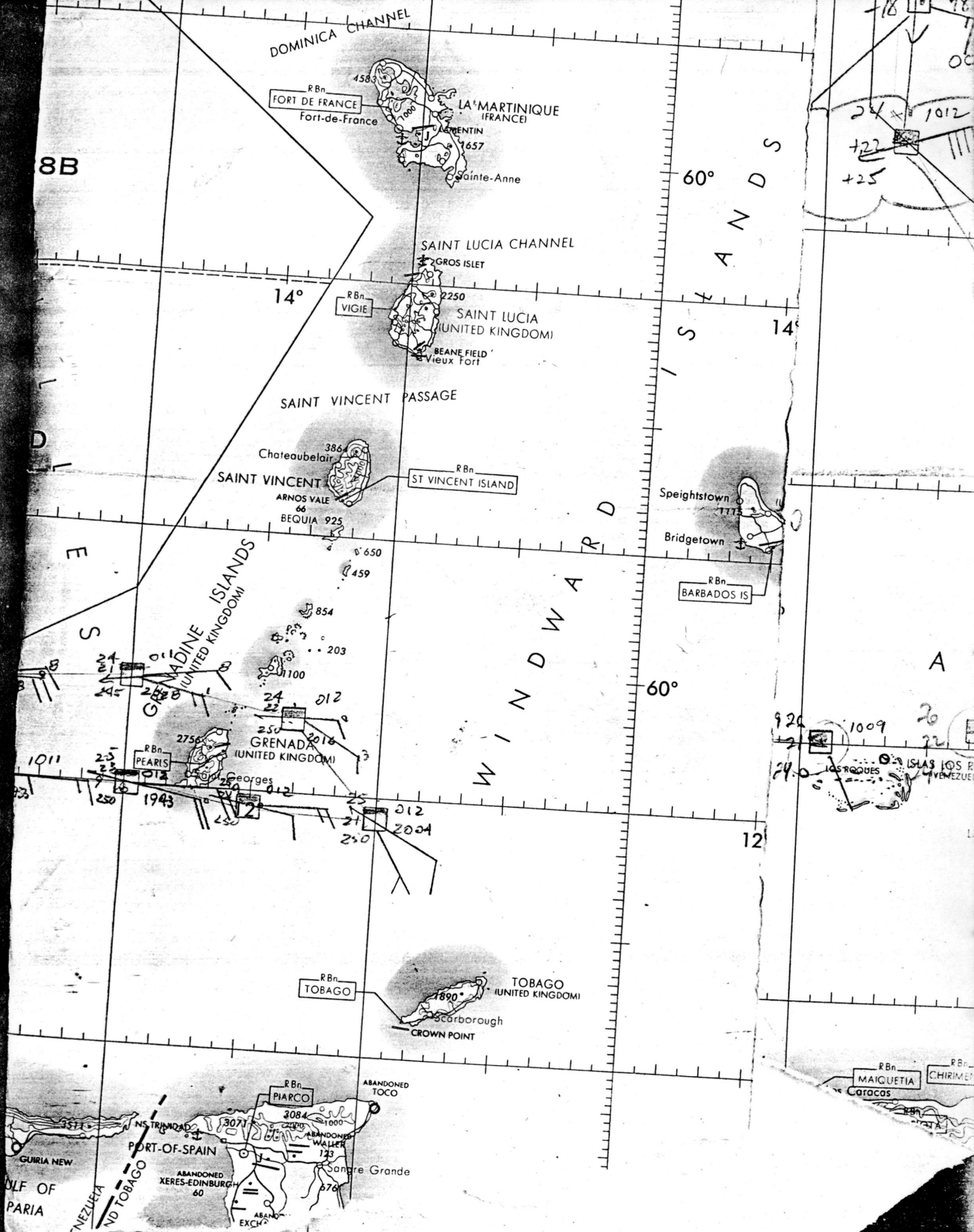


7

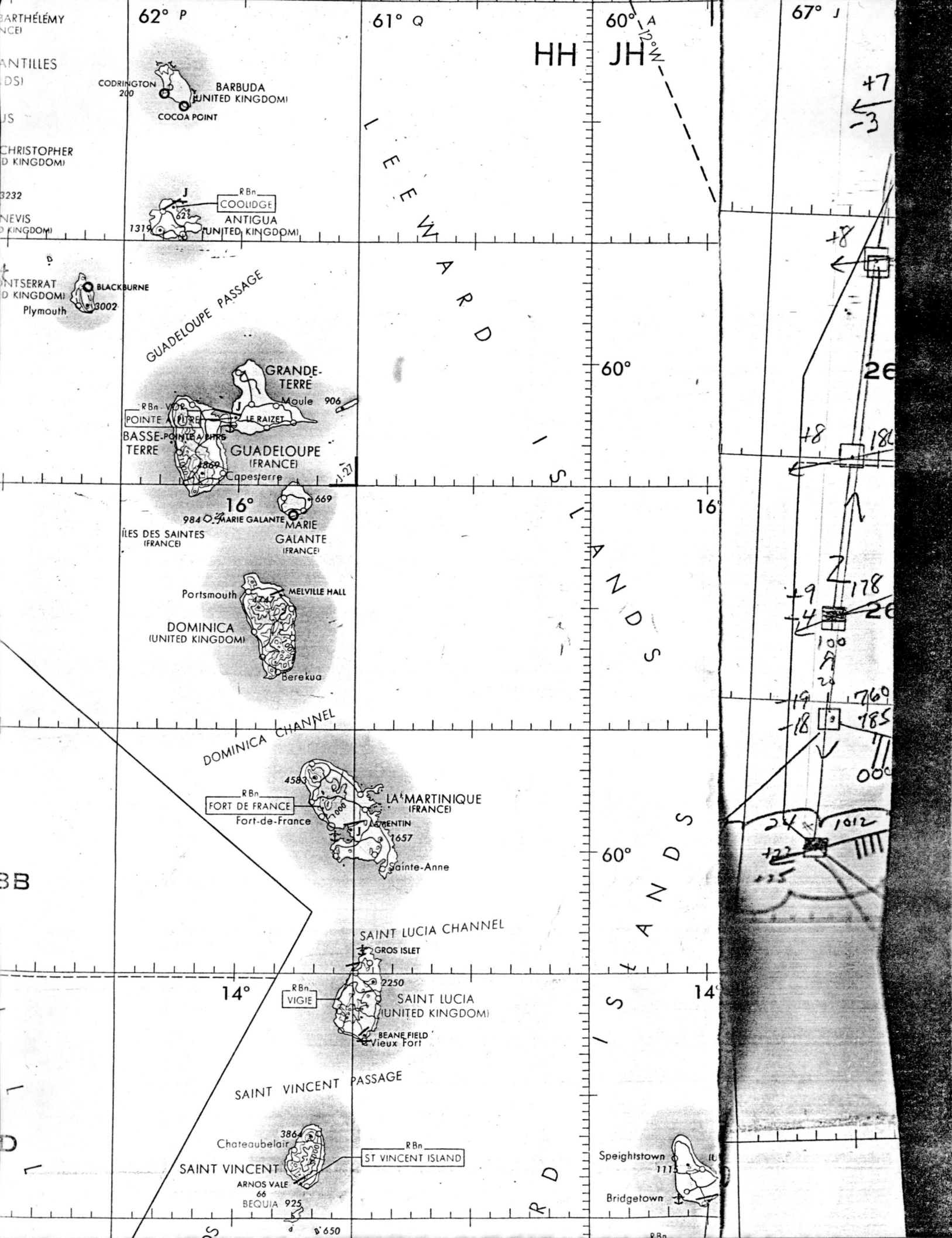






ATLANTIC FLEET WEAPONS RANGE-BRAVO





ATLANTIC FLEET WEAPONS RANGE-BRAVO

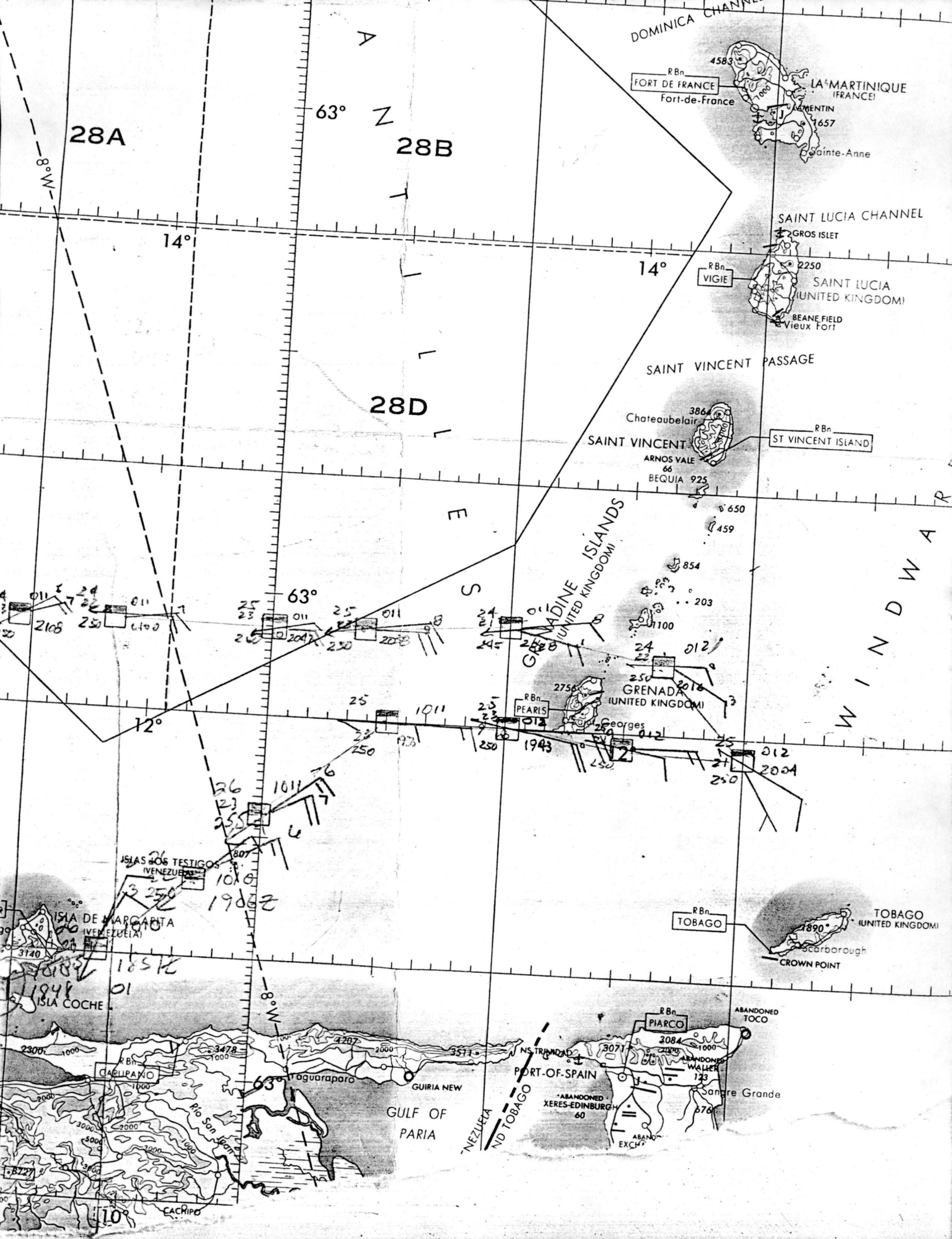
11/12 Aug 78
AF492 0503 - CORP
DROPW/RICHARDS

26A 26B 26D 27A 27B 27C 27D 27E 28A 28B 28C 28D

SAINT CROIX (UNITED STATES)
SABA BANK
ISLA AVES (VENEZUELA)

66° K 65° L 64° M 63° N
66° 66° 66° 63°
16° 16° 14° 14°
8°W 8°W

PUERTO RICO (UNITED STATES)
ALEXANDER HAMILTON 60
RBN ST CROIX
VOR ST. GROIX
SABANA
SINT EUSTATIUS
SAINT CHRIS (UNITED KING)
GOLDEN ROCK 752
NEVIS (UNITED KING)
MONTSE (UNITED KING)
PI



WEATHER RECONNAISSANCE OBSERVATION REPORT		RCS:
ORGANIZATION AF 492 0503 CORA DROPOO / RICHARDS	DATE 11/12 Aug 78 PERIOD MJSU → MJSU	
PART 1. HORIZONTAL OBSERVATION SECTION		
A. OBSERVATIONS REQUIRED	42	
B. ORIGINAL OBSERVATIONS TRANSMITTED	42	
C. CORRECTED OBSERVATIONS TRANSMITTED	0	
D. COMPLETE OBSERVATIONS TRANSMITTED 1	42	
E. OBSERVATIONS WITH SENSOR FAILURE 2 (PRIMARY SYSTEM) 3	0	
(1) SPOT WIND SENSOR	↓	
(2) ABSOLUTE ALTIMETER		
(3) STATIC PRESSURE SENSOR		
(4) TEMPERATURE SENSOR		
(5) DEWPOINT SENSOR		
(6) SEA SURFACE TEMPERATURE SENSOR		
(7) RADAR		
F. OBS WITH BOTH PRIMARY AND BACKUP SYSTEM SENSOR FAILURES 3	0	
(1) SPOT WIND SENSOR (APPLICABLE MODELS)	↓	
(2) ABSOLUTE ALTIMETER (APPLICABLE MODELS)		
(3) STATIC PRESSURE SENSOR		
(4) TEMPERATURE SENSOR		
PART 2. VERTICAL OBSERVATION SECTION		
A. OBSERVATION DATA		
(1) OBSERVATIONS REQUIRED		
(2) ORIGINAL OBSERVATIONS TRANSMITTED		
(3) CORRECTED OBSERVATIONS TRANSMITTED		
(4) ORIGINAL INCOMPLETE OBSERVATIONS TRANSMITTED 4		
B. REASONS FOR MISSED OBSERVATIONS 3		
(1) SONDE FAILED AFTER EJECTION		
(2) AIRCRAFT EQUIPMENT FAILURE AFTER SONDE EJECTION		
(3) AIRCRAFT EQUIPMENT FAILURE NO RELEASE ATTEMPTED 2		
(4) NO SONDES AVAILABLE		
C. DROPSONDE INSTRUMENT DATA		
(1) SONDES PREFLIGHTED		
(2) SONDES FAILING PREFLIGHT		
(3) SONDES EXPENDED		
(4) A. NO USEABLE DATA DUE TO AIRCRAFT SYSTEM FAILURE		
B. NO USEABLE DATA DUE TO SONDE FAILURE		
NOTES: 1. A COMPLETE HORIZONTAL OBSERVATION IS ONE IN WHICH ALL INSTRUMENTALLY SENSED DATA REQUIRED FOR THAT FLIGHT LEVEL ARE REPORTED. 2. FAILURE INCLUDES EQUIPMENT WHICH FAILED INFLIGHT, WHICH WAS INOPERATIVE AT LAUNCH, OR WHICH WAS NOT INSTALLED IN THE AIRCRAFT. 3. A CORRESPONDING ENTRY IN PART 3, DEGRADED MISSION SECTION, IS REQUIRED. 4. AN INCOMPLETE VERTICAL OBSERVATION IS ONE IN WHICH SEA LEVEL PRESSURE IS EXTRAPOLATED OR GEOPOTENTIALS ARE REPORTED AS DOUBTFUL.		

DEPARTMENT OF THE AIR FORCE

DET 5, HQ AIR WEATHER SERVICE (MAC)
KEESLER AFB, MISSISSIPPI 39534REPLY TO
ATTN OF: Det 5, HQ AWS/CC

SUBJECT: Tropical Cyclone/Investigative Mission.

Date: 11/12 AUG 78TO: Chief ARWO/Awards and Decorations Officer (Incl 920WRG/53WRS)
IN TURN

The following data is submitted for entry into the Storm Mission Log:

Mission Identifier AF 492 0503 CORA Flying Time _____
Type Mission: Hurricane/Typhoon/T.S./T.D./Inv/Subtr. Cyc.
Departure Base MJSJ Arrival Base MJSJ

Fixes Required:	Fixes Made:	Coordinates:	Press. (SLP):	Max. Winds:	NHC/JTWC Cyclone Status:
<u>11/1800</u>	<u>Z</u>	<u>11/1800 Z 12 N 65 W/E</u>	<u>1009 mb</u>	<u>07038 K</u>	<u>TS</u>
<u>12/0000</u>	<u>Z</u>	<u>12/0000 Z N W/E</u>	<u>mb</u>	<u>K</u>	<u>T.D.</u>
<u>/</u>	<u>Z</u>	<u>/ Z N W/E</u>	<u>mb</u>	<u>K</u>	
<u>/</u>	<u>Z</u>	<u>/ Z N W/E</u>	<u>mb</u>	<u>K</u>	
<u>/</u>	<u>Z</u>	<u>/ Z N W/E</u>	<u>mb</u>	<u>K</u>	

1 Official status, i.e. Hurricane/Typhoon (T.S. ~~T.D.~~) N/A

CREW ROSTER:

AC DORN
Nav NITSCH
FE PEARSON
ARWO RICHARDS/DROPCU
DSO MILLER
CP HIPPLER
DR SHEETS 7 NOAA
CARPENTER 5

FIX REQUIREMENTS CHANGES:

Time Rec'd:	New Position:	New Fix Time:
<u>At Takeoff</u>	<u>12 N 65 W/E</u>	<u>N/A</u>
<u>Z</u>	<u>N W/E</u>	<u>Z</u>
<u>Z</u>	<u>N W/E</u>	<u>Z</u>
<u>Z</u>	<u>N W/E</u>	<u>Z</u>

PATTERN REQUIREMENTS CHANGES:

Time Rec'd:	New Pattern:
<u>Z</u>	

PENETRATIONS LOGGED: N/A ZCARCAH/JTWC Duty Officer at requirements changes: N/A

1st Chg _____ 2nd Chg _____ 3rd Chg _____ 4th Chg _____

(OVER)

Reason for any late or missed fixes:

N/A

MET/Nav equipment problems:

None

Were any observations significantly delayed in transmission from the aircraft? If so, why?

No

Additional Remarks (include pertinent appraisals of CARCAH or Weather Monitor performance if problems were encountered):

Airways & Carcah Super

C. Richard

Mission ARWO

Detachment Letter Routing:

Chief ARWO:

Data Posted in
Storm Mission
Log: _____
(Date)

Awards and Decorations:

Number of Penetrations: _____
Penetrations Posted: _____
(Date)

Copy of letter to 920WRG: _____
Copy of letter to 53WRS: _____

PREVIOUS EDITION IS OBSOLETE. *

[illegible]

RECCO RECORDING FORM

[illegible]

[illegible]

RECCO RECORDING FORM

[illegible]

*001 AF492 XXXX CORA

*002

*003 97779 16254 70175 66511 32100 09026 07531 13201

*004 N

*EDT LN

*

OB 1

*001 AF492 XXXX CORA

*002

*003 97779 16554 70153 66711 31900 07028 09051 13178

*004 99999 16464 70160 66611 32000 07032 08521 13186

*005 95559 16354 70168 66611 32100 08030 08541 13192

*006 N

*EDT LN

*

OB2
+ MD #1
#2

OB 3

*001 AF492 XXXX CORA
*002
*003 97779 17124 70143 66511 02400 07038 24221 10012
*004 SST 252
*005 N
*EDT LN
*

OB 4

*001 AF492 XXXX CORA
*002
*003 97779 17394 70131 65811 02900 07027 25211 10011
*004 SST 250
*005 N
*EDT LN
*

OB 5 MID

*001 AF492 XXXX CORA
*002
*003 97779 17504 70127 65511 02800 07020 24241 10011
*004 SST 252
*005 N
*EDT LN
*

*001 AF492 XXXX CORA
*002
*003 97779 18074 70120 65011 02100 35007 25211 10011
*004 N
*EDT LN
*

OB 5

*001 AF492 XXXX CORA
*002
*003 97779 18204 70114 64811 02100 34005 25221 10011
*004 SST 242
*005 N
*EDT LN
*

6 MID#1

*001 AF492 XXXX CORA
*002
*003 97779 18304 70109 64611 02100 33012 25231 10010
*004 SST 236
*005 N
*EDT LN
*

6 MID#2

*001 AF492 XXXX CORA
*002
*003 97779 18374 70105 64511 02000 34014 25231 10010
*004 SST 232
*005 N
*EDT LN
*

OB 6

*001 AF492 XXXX CORA
*002
*003 97779 18484 70108 64111 02100 33011 26231 10010
*004 SST 241
*005 N
*EDT LN
*

OB 7 MID#1

*001 AF492 XXXX CORA
*002
*003 97779 18574 70110 63711 02000 03011 26231 10010
*004 SST 235
*005 N
*EDT LN
*

OB 7 MID#2

*001 AF492 XXXX CORA
*002
*003 97779 19064 70113 63411 02000 06013 26221 10010
*004 SST 249
*005 N
*EDT LN
*

OB7

*001 AF492 XXXX CORA
*002
*003 97779 19184 70116 63011 02100 07018 26231 10011
*004 SST 255
*005 N
*EDT LN
*

OB8 MID #1

*001 AF492 XXXX CORA
*002
*003 97779 19334 70120 62511 02100 09016 25231 10011
*004 SST 252
*005 N
*EDT LN
*

OB8 MID #2

008

*001 AF492 XXXX CORA
*002
*003 97779 19434 70120 62011 02200 09019 25231 10012
*004 SST 250
*005 N
*EDT LN
*

009 MID¹

*001 AF492 XXXX CORA
*002
*003 97779 19544 70119 61511 02200 09014 25201 10012
*004 SST 252
*005 N
*EDT LN
*

009 MID^{1/2}

*001 AF492 XXXX CORA
*002
*003 97779 20044 70118 61011 02200 16004 25211 10012
*004 SST 249
*005
*006 N
*EDT LN
*

*001 AF492 XXXX CORA
*002
*003 97779 20164 70122 61411 02300 13009 24221 10012
*004 SST 249
*005 N
*EDT LN
*

#9

*001 AF492 XXXX CORA
*002
*003 97779 20284 70124 62011 02000 11017 24211 10011
*004 SST 246
*005 N
*EDT LN
*

#10 MID #1

*001 AF492 XXXX CORA
*002
*003 97779 20384 70123 62611 02100 09020 25231 10011
*004 SST 250
*005 N
*EDT LN
*

#10 MID #2

0-10

*001 AF492 XXXX CORA
*002
*003 97779 20474 70123 63011 02100 09018 25231 10011
*004 SST 250
*005 N/
*EDT LN
*

*001 AF492 XXXX CORA
*002
*003 97779 21484 70121 66311 01900 12009 26221 10009
*004 SST 237
*005 N
*EDT LN
*

OB 12

*001 AF492 XXXX CORA
*002
*003 97779 21594 70120 66911 02000 14002 26211 10009
*004 SST 238
*005 N
*EDT LN
*

OB 13 MID #1

*001 AF492 XXXX CORA

*002

*003 97779 22074 70120 67311 02000 17001 25211 10009

*004 SST 243

*005 N

*EDT LN

*

OB 13 MID ¹¹/₂

*001 AF492 XXXX CORA

*002

*003 97779 22174 70121 67811 02000 10007 25231 10009

*004 SST 243

*005 N

*EDT LN

*

OB 13

*001 AF492 XXXX CORA

*002

*003 97779 22274 70123 68311 02000 10015 26191 10009

*004 SST 244

*005 N

*EDT LN

*

OB 14 MID ¹¹/₁

OB 14 # MID #2

*001 AF492 XXXX CORA
*002
*003 97779 22364 70125 68811 02000 08022 25211 10009
*004 SST 243
*005 N
*EDT LN
*

OB 14

*001 AF492 XXXX CORA
*002
*003 97779 22524 70131 69111 02000 07026 25231 10009
*004 SST 242
*005 N
*EDT LN
*

OB 15 MID #1

*001 AF492 XXXX CORA
*002
*003 97779 23014 70133 69011 02000 07026 25231 10009
*004 SST 244
*005 N
*EDT LN
*

OB 15 MID #2

*001 AF492 XXXX CORA
*002
*003 97779 23114 70135 68611 02000 07015 24221 10010
*004 SST 240
*005 N
*EDT LN
*

OB 15

*001 AF492 XXXX CORA
*002
*003 97779 23204 70137 68211 02100 08014 25221 10010
*004 SST 248
*005 N
*EDT LN
*

OB 16 MID #1

*001 AF492 XXXX CORA
*002
*003 97779 23294 70139 67911 02100 09018 25231 10010
*004 SST 250
*005 N
*EDT LN
*

*001 AF492 XXXX CORA

*002

*003 97779 23404 70141 67511 02100 10024 25221 10010

*004 SST 249

*005 N

*EDT LN

*

06 16

28
14
42

*001 AF492 XXXX CORA

*002

*003 97779 00054 70149 66711 78500 11027 69681 1/760

*004 N

*EDT LN

*

06 17

*001 AF492 XXXX CORA

*002

*003 97779 00294 70168 66511 77700 10026 70921 1/761

*004 N

*EDT LN

*

06 18