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FINAL VALUES

GEOGRAPHIC POSITIONS

DEF  
Sheet 1 of 3

Locality **MIROU, Marshall Islands** 2nd order triangulation **Arctus** Datum **State Pacific Ocean** **DOB RODRIGUEZ - 1944** Archive No. **305697/1**

STATIONS	LATITUDE	LONGITUDE	AZIMUTH	BACK AZIMUTH	TO STATIONS	DISTANCE Meters	LOGARITHM
SOUTH ASTRO. PIER	11 33 23.480	21 44.6 162 21 10.239	325 59 32.56	145 59 43.57	SOUTH BASE	2981.41	3.474 4211
	11 33 23.480	21 44.6 162 21 10.239	327 56 52.40	147 57 15.77	BASE	6680.87	3.824 8331
	11 33 23.480	21 44.6 162 21 10.239	74 50 06.53	254 49 20.67	WEST	7506.61	3.875 4441
NORTH BASE	11 33 23.480	21 44.6 162 21 09.890	141 40 18.15	32 39 33.99	CAMELIA	10,753.90	4.031 5685
	11 33 23.480	21 44.6 162 21 09.890	161 55 55.27	341 55 44.00	CARDENIA	5483.79	3.739 0812
SOUTH BASE	11 32 02.826	06.83 162 22 04.920	339 31 3.64	149 31 44.01	SAND	3782.60	3.568 9068
	11 32 02.826	06.83 162 22 04.920	357 21 58.3	177 22 01.87	LILAC	11,830.00	4.072 9654
	11 32 02.826	06.83 162 22 04.920	93 15 50.99	273 14 52.17	WEST	8927.19	3.950 7152
WEST	11 32 19.328	09.872 162 17 10.786	145 59 43.57	325 9 32.56	NORTH BASE	2981.41	3.474 4211
			145 31 45.84	325 30 39.85	SAND	17,555.80	4.244 4200
			166 43 51.92	346 43 32.85	ASTER	12,519.30	4.097 5798
			183 09 24.19	03 09 27.99	CAMELIA	10,415.70	4.017 6901
			217 40 25.76	37 41 02.45	CARDENIA	9069.22	3.957 5698
			254 49 20.67	74 50 08.53	NORTH BASE	7506.61	3.875 4441
SOUTH BASE	11 32 19.328	09.872 162 17 10.786	273 14 52.17	93 15 50.99	SOUTH BASE	8927.19	3.950 7152
			288 54 26.48	108 55 37.81	SAND	11,407.00	4.057 1732
			322 29 18.30	142 30 20.43	LILAC	15,535.40	4.191 3221
			16 04 44.63	196 04 04.93	LAPINA	21,909.70	4.340 6362

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Pacific Southwest Region

NATIONAL ARCHIVES  
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ENIVETOK 1944  
FOLDER HORIZONTAL CONTROL J/S No 1 US NAVY

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LETTER DATED JULY, 15, 1994  
FROM ANTON SENEGALLI TO  
Diane S. HARRIS

# FINAL VALUES — GEOGRAPHIC POSITIONS

Locality **BIENVUE, Marshall Islands** **Site of the International AMNH Datum**

**State Pacific Ocean** **ISH BUNNICH - 1944**

**Archive No. 305697/1**

STATIONS	LATITUDE	LONGITUDE	Backsight in Meters	Fore-sight in Meters	AZIMUTH	BACK AZIMUTH	TO STATIONS	DISTANCE Meters	LOGARITHMS
SAND	11 29 18-566	162 23 06-853	582.719	208.596	08 47 42-82	188 47 34-07	LILAC	8728.98	3-940 9636
					44 11 17-84	224 09 27-65	LANTANA	24,196.90	4-383 7598
					108 55 37-81	288 54 26-68	REEF	11,407.00	4-057 1733
					147 57 15-77	327 56 52-40	NORTH BASE	6680.87	3-824 8331
					149 31 44-01	329 31 31-64	SOUTH BASE	3704.60	3-568 5068
LILAC	11 29 28-210	162 22 22-453	1174.049	692.789	16 30 25-30	196 30 11-84	PRIVILEGE	7268.86	3-861 4665
					60 40 24-82	240 38 43-69	LANTANA	17,813.50	4-250 7502
					142 30 20-43	322 29 18-50	REEF	15,535.40	4-191 3221
					177 22 01-87	357 21 58-31	SOUTH BASE	11,830.00	4-072 9854
					188 47 34-07	08 47 42-82	SAND	8728.98	3-940 9636
LANTANA	11 28 54-124	162 13 30-661	1463.016	1536-143	337 48 00-17	157 48 04-42	STEEL	1722.19	3-236 0804
					196 04 04-93	16 04 44-63	REEF	21,909.70	4-340 6362
					224 09 27-65	44 11 17-84	SAND	24,196.90	4-383 7598
					240 38 43-69	60 40 24-82	LILAC	17,813.50	4-250 7502
					246 11 28-67	66 13 13-97	STEEL	17,682.70	4-247 5474
REEF	11 28 46-304	162 22 44-319	1422.998	1343-530	262 32 38-16	82 34 05-60	PRIVILEGE	13,579.20	4-132 8757
					262 48 36-39	206 48 18-70	PRIVILEGE	6022.03	3-779 7427
					66 13 13-97	246 11 28-67	LANTANA	17,682.70	4-247 5474
					157 48 04-42	337 48 00-17	LILAC	1722.19	3-236 0804
					82 34 05-60	262 32 38-16	LANTANA	13,579.20	4-132 8757
PRIVILEGE	11 28 53-383	162 21 44-736	1578.743	446-800	196 30 11-84	16 30 25-30	LILAC	7268.86	3-861 4665
					206 48 18-70	26 48 36-39	STEEL	6022.03	3-779 7427

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# GEOGRAPHIC POSITIONS

Locality **BIKINI, Marshall Islands** 2d order triangulation Astro Datum.

State **Pacific Ocean**

USS **BODINER - 1944**

Archive No. **305497A**

STATIONS	LATITUDE	Seconds in Mean	LONGITUDE	Seconds in Mean	AZIMUTH	BACK AZIMUTH	TO STATIONS	DISTANCE Meters	LOGARITHMS.
FUTUUA	11 38 59.362	1823.957	162 09 40.138	1215.710	239 34 23.79	59 34 48.57	BAKER	4305.72	3.634 0460
					243 33 46.69	63 34 28.48	ZUMBIA	6990.82	3.844 5280
					270 33 20.46	90 34 32.30	AMER	10,777.10	4.032 5004
BAKER	11 40 10.824	117.215	162 11 42.721	1293.934	59 34 48.57	239 34 23.79	FUTUUA	4305.72	3.634 0459
					249 54 41.89	69 54 58.90	ZUMBIA	2712.13	3.433 3102
					287 55 58.27	107 56 45.39	AMER	7424.24	3.870 6519
					291 10 00.03	111 11 10.10	CAMBELLA	11,271.60	4.051 9852
ZUMBIA	11 40 40.638	1248.643	162 13 04.822	206.611	325 30 39.85	145 31 45.84	BAKER	17,555.80	4.244 4300
					63 34 28.48	243 33 46.69	FUTUUA	6990.82	3.844 5280
					69 54 58.90	249 54 41.89	BAKER	2712.13	3.433 3102
AMER	11 38 55.908	1727.583	162 13 35.924	1088.011	305 28 14.03	125 28 44.17	AMER	5545.29	3.743 9238
					90 34 32.30	270 33 20.46	FUTUUA	10,777.10	4.032 5004
					107 56 45.39	287 55 58.27	BAKER	7424.24	3.870 6519
					125 28 44.17	305 28 14.03	ZUMBIA	5545.29	3.743 9238
CAMBELLA	11 37 57.804	1776.116	162 17 29.724	903.279	297 22 24.29	117 22 47.25	CAMBELLA	3831.83	3.589 0367
					346 43 32.85	166 43 51.92	BAKER	12,519.30	4.097 5798
					03 09 27.99	163 09 24.19	BAKER	10,445.70	4.017 6901
					111 11 10.10	291 10 00.03	BAKER	11,271.60	4.051 9852
FUTUUA	11 36 12.838	387.333	162 20 13.748	116.526	117 22 47.25	244.29	AMER	3831.83	3.589 0368
					302 57 25.15	122 57 58.18	CAMBELLA	5922.17	3.772 4884
					321 39 33.90	141 40 18.15	BAKER	10,753.90	4.031 5465
					37 41 02.45	217 40 25.78	BAKER	5049.22	3.957 5638
BAKER	11 36 11.838	387.333	162 20 13.748	116.526	122 57 58.18	302 57 25.15	CAMBELLA	5922.17	3.772 4884
					321 35 44.08	161 55 35.27	BAKER	5485.79	3.739 0412

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LETTER DATED JULY 15, 1994  
FROM ANTON SINISCALTI TO  
ROXIN S. ENRICH

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LETTER DATED JULY 15, 1994  
FROM ANTON SINISCALTI TO  
ROXIN S. ENRICH

Geographic Position  
Form 500-000 (Rev. 6-4)

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**SENDER STATION**  
Secondary

DATE: 11/23/54 **SECURITY INFORMATION** OF TRIANGULATION 1-0

ARCHIVE NUMBER 105 697/1 SHIP AND YEAR USS ACTIVITY 944

STATION	ELEVATION (Feet)	LATITUDE AND LONGITUDE	SECONDS IN METERS	AZIMUTH	DISTANCE	
					LOANS/THRU (Meters)	METERS
DIXT		11 25 32.317	992.9	39 56 16.2		
		162 23 23.310	706.6	95 10 17.2		
ONE		11 28 23.685	727.7	28 51 17.5		
		162 23 55.622	1685.8	157 21 45.5		
VIC		11 23 40.154	1233.7	71 51 35.0		
		162 22 23.626	716.3	179 37 37.0		
WIL		11 23 16.372	1424.8	33 04 30.8		
		162 22 30.692	927.8	176 05 14.8		
ZED		11 22 38.969	1197.3	77 34 59.7		
		162 21 52.445	1590.1	189 29 51.7		
TOP		11 21 22.637	695.5	86 06 17.9		
		162 20 52.885	1603.5	199 08 53.9		
MID		11 20 11.319	1362.6	209 06 10.5		
		162 19 35.959	1090.4	235 11 11.5		
LOOK		11 20 39.720	1220.4	92 15 38.2		
		162 20 03.690	111.9	204 41 48.2		
BOG		11 21 29.890	918.4	253 02 32.0		
		162 11 50.611	1534.6	286 45 49.0		
ORIN		11 22 33.846	1039.9	259 58 21.8		
		162 10 03.189	96.7	293 55 49.8		
HIG		11 27 40.366	1240.2	296 30 49.5		
		162 05 50.005	1515.7	310 33 49.5		

BACK AZIMUTH	TO STATION	DISTANCE	
		LOANS/THRU (Meters)	METERS
219 56 08.4	STEEL	3.265 2288	1 841.7
275 10 35.2	LILAC	3.265 2722	1 841.9
208 56 59.1	LILAC	3.764 1124	5 809.1
387 21 35.8	SAND	3.584 1352	3 838.3
251 49 53.7	LANTANA	4.213 9545	16 366.5
399 37 36.8	LILAC	3.599 7334	3 628.6
213 04 35.8	PRIVILEGE	3.624 7354	4 214.4
356 05 13.3	LILAC	3.537 2493	3 445.5
257 33 24.7	LANTANA	4.174 8561	14 957.4
9 29 57.8	LILAC	3.747 0201	5 585.0
266 04 54.7	LANTANA	4.108 2668	12 831.2
19 09 11.8	LILAC	3.919 8006	8 313.8
29 07 13.3	LILAC	4.014 3623	10 336.2
55 11 30.8	PRIVILEGE	3.557 6152	3 610.9
272 14 24.7	LANTANA	4.053 7963	11 318.7
24 42 15.8	LILAC	4.004 1541	10 096.1
73 04 41.0	STEEL	4.316 3417	20 717.7
106 46 12.7	LANTANA	3.580 1039	3 802.8
80 00 52.0	STEEL	4.369 7967	23 431.3
113 56 34.7	LANTANA	3.877 7862	7 547.2
116 33 38.2	LOOK	4.461 3201	28 928.1
130 35 24.7	LANTANA	4.282 9888	19 186.2

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GEOGRAPHIC POSITIONS

ENTWICK ARCELL  
Order Files

ENTWICK ARCELL  
Order Files

STATION	COLLECTION YEAR	DATE IN ENTWICK	ENTWICK NUMBER	AS WITH
EAST		11 40 08-841	271.6	326 18 11.4
		162 14 46-589	1411.1	77 02 56.4
WEST		11 39 45-994	1413.2	316 54 10.7
		162 14 48-375	1465.2	81 16 37.7
RADAR-ZINNIA 1		11 40 28-298	869.5	301 26 57.4
		162 13 02-664	80.7	65 58 53.4
DOO <sup>1</sup>		11 40 08-920	274.1	75 53 12.5
		162 14 20-787	629.6	90 30 30.5
KAT <sup>1</sup>		11 39 36-201	1112.3	85 15 50.7
		162 14 56-410	1708.6	100 07 51.7
STEEL TOWER- ENTWICK IS.		11 20 47-559	1461.3	91 04 50.5
		162 19 49-891	1512.8	207 26 03.5

DATE AS WITH	TO STATION	DISTANCE	
		AS WITH ENTWICK	AS WITH
146 18 21.3	ASTER	3-430 5177	2 694.7
257 01 54.5	PETUNIA	3-978 7671	9 522.9
136 54 20.3	ASTER	3-324 0763	2 109.0
261 15 35.5	PETUNIA	3-975 1534	9 443.9
121 27 28.4	ASTER	3-735 7867	5 142.3
245 58 12.5	PETUNIA	3-826 9896	6 714.1
255 52 15.8	PETUNIA	3-942 6823	8 763.6
270 29 58.6	SAGE	3-679 9941	4 786.2
263 14 46.8	PETUNIA	3-984 2873	9 644.7
280 07 12.6	SAGE	3-775 0922	5 957.9
271 03 39.7	LANTANA	4-037 1637	10 893.4
27 26 33.8	LILAC	4-002 7529	10 063.4

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<sup>1</sup> NO CHECK ON THIS POSITION. ABBREVIATIONS USED: d = DESCRIBED; m = MARKED; n = NOT

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GEOGRAPHIC POSITIONS

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2 of 2

NO. OK ASTRC 1944

NUMBER OF TRIANGULATION 204

APR FILE NUMBER 305 697/1

SHIP AND YEAR USS SCIMITAR 1944

STATION	ELEVATION FEET	LATITUDE AND LONGITUDE	SECONDS IN METERS	AZIMUTH		
GARDENIA		11 36 12.925	397.1	343	55	44.01
		162 20 13.753	416.6	37	41	02.46
CAMBELLIA		11 37 57.783	1775.4	302	57	25.16
		162 17 29.738	900.9	321	39	33.91
				3	09	28.00
ASTER		11 38 55.872	1716.7	297	22	24.30
		162 15 35.947	1088.8	346	43	32.86
SAGE		11 40 10.291	316.2	287	55	58.28
		162 11 42.766	1295.3	291	10	00.04
				325	30	39.86
ZINNIA		11 40 40.602	1247.5	305	28	14.04
		162 13 06.860	207.8	69	54	58.91
PHTUNIA		11 38 59.335	1823.1	239	34	23.81
		162 09 40.193	1217.4	243	33	46.71
				270	33	20.48

BACK AZIMUTH	TO STATION	DISTANCE	
		LOGARITHM METERS	METERS
161 55 55.27	NORTH BASE	3.739 0461	5 483.35
217 40 25.77	REEF	3.957 5347	9 068.48
122 57 58.19	GARDENIA	3.772 4455	5 921.69
141 40 18.15	NORTH BASE	4.031 5334	10 753.09
183 09 24.20	REEF	4.017 6550	10 414.90
117 22 47.26	CAMBELLIA	3.589 0017	3 881.52
166 43 51.93	REEF	4.097 8447	12 518.28
107 56 45.40	ASTER	3.870 6168	7 423.64
111 11 10.11	CAMBELLIA	4.051 9501	11 270.68
165 31 45.85	REEF	4.244 3849	17 554.36
125 28 44.18	ASTER	3.743 8887	5 544.84
249 54 41.90	SAGE	3.433 2751	2 711.91
59 34 48.58	SAGE	3.634 0109	4 305.37
63 34 28.49	ZINNIA	3.844 4929	6 990.25
90 34 32.31	ASTER	4.032 4653	10 776.19

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GEOGRAPHIC POSITION

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ENTIRE STOCK ANGEL

1 of 2

STATION	ELEVATION (Feet)	LATITUDE AND LONGITUDE		SICCORDS IN METERS	AZIMUTH		
		N	W				
KINIKOTOK ASTRO PIER		11	33 23-480	721.4			
		162	21 10-250	310.6			
NORTH BASE		11	33 23-265	714.8	238	44	57-63
		162	21 09-890	299.7			
SAND		11	30 18-981	583.2	147	57	15-78
		162	23 06-873	208.3			
SOUTH BASE		11	32 02-832	87.0	329	31	31-64
		162	22 04-915	148.9	145	59	43-57
REEF		11	32 19-334	594.1	254	49	20-68
		162	17 10-805	327.4	273	14	52-18
					288	54	26-69
LILAC		11	25 38-248	1175.2	142	30	20-43
		162	22 22-847	692.6	177	22	01-87
					188	47	34-07
LANTANA		11	20 54-185	1664.8	196	04	04-94
		162	13 50-695	1537.2	224	09	27-66
					240	38	43-70
STALL		11	24 46-356	1424.3	66	13	13-97
		162	22 44-311	1343.3	157	48	04-42
FRIVILAG		11	21 51-439	1580.5	82	34	05-60
		162	21 14-785	446.8	196	30	11-84
					206	48	18-70

BACK AZIMUTH	TO STATION	DISTANCE	
		LOGARITHM (Base 10)	METERS
58 44 57.70	KINIKOTOK ASTRO PIER	1.105 4216	12.747
327 56 52.40	NORTH BASE	3.824 7980	6 680.33
149 31 44.01	SAND	3.568 4716	3 702.30
225 59 32.56	NORTH BASE	3.474 3860	2 981.17
74 50 08.53	NORTH BASE	3.875 4091	7 506.01
93 15 50.99	SOUTH BASE	3.950 6801	8 926.48
108 55 37.82	SAND	4.057 1382	11 406.13
322 29 18.31	REEF	4.191 2870	15 534.13
357 21 58.31	SOUTH BASE	4.072 9503	11 829.06
8 47 42.83	SAND	3.940 9286	8 727.28
16 04 44.64	REEF	4.340 6011	21 907.92
44 11 17.85	SAND	4.383 7247	24 194.95
60 40 24.82	LILAC	4.250 7152	17 812.10
246 11 28.68	LANTANA	4.247 5124	17 681.23
337 48 00.17	LILAC	3.236 0452	1 722.05
262 32 38.17	LANTANA	4.132 8407	13 578.15
16 30 25.30	LILAC	3.861 4315	7 268.28
26 48 36.39	WIKSI	3.779 7076	6 021.54

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NMO 705

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DESCRIPTION OF STATIONS

(Number of sheets in the H.O., except those in inclosure)

Data received ~~PROPERTY INFORMATION~~

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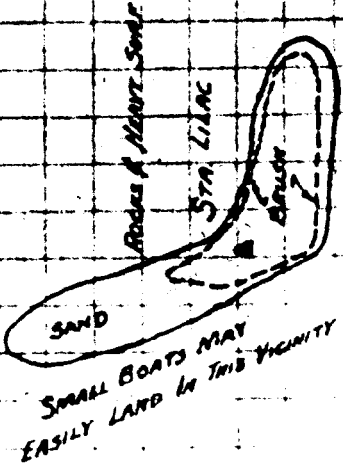
Inclosure No. Field Book No. 202, page 6

Inclosure No. Geodetic Positions, 1944, page 2

Inclosure No. Triangulation Diagram, 1944

Inclosure No.

Plan



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Remarks: Station LILAC is located on the narrow beach (Lilac) island. Small boats may easily land on east side of sandy beach. A wood building constructed by the Forest is constructed at the station and is shown on N.O. Field Chart No. 2009 AS BEACON D.

Locality Guerrero, Calif.

Name 202

Short name on Boat Sheets 202

Elevation in feet, ground 162.2

Origin of Station

Coordinates Lat. 34° 11' 16.2" N. Long. 121° 52' 16.2" W.

Triangulation of the U.S.S. Guerrero, season 1944

Field values are to be used in hand

Station center, Station

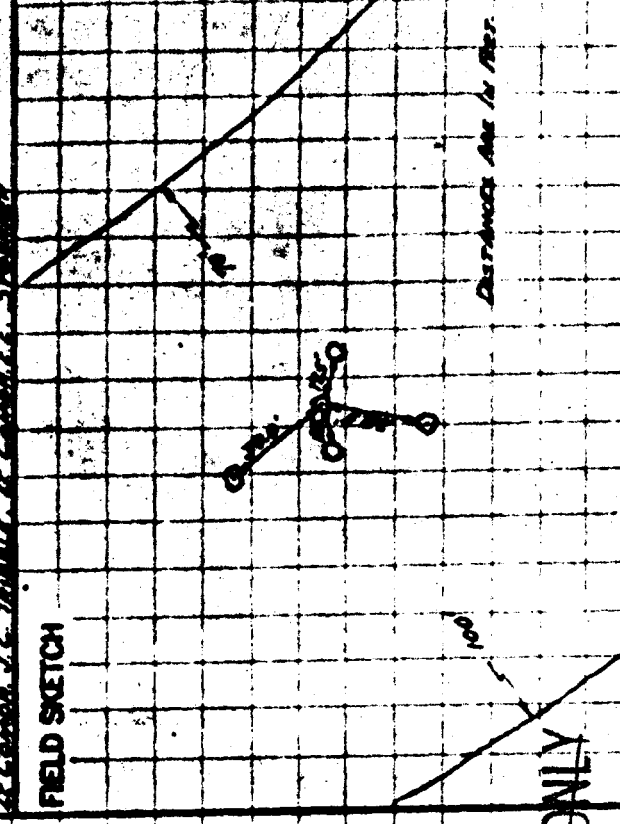
Surface C.M., Station

Sub-surface mark, Station

References, Station

Fix angles, Station

Persons familiar with location of station, Station



Margin for binding

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*Wm. C. Smith*  
Classification Officer  
April 11, 1951

N.H.O. 705

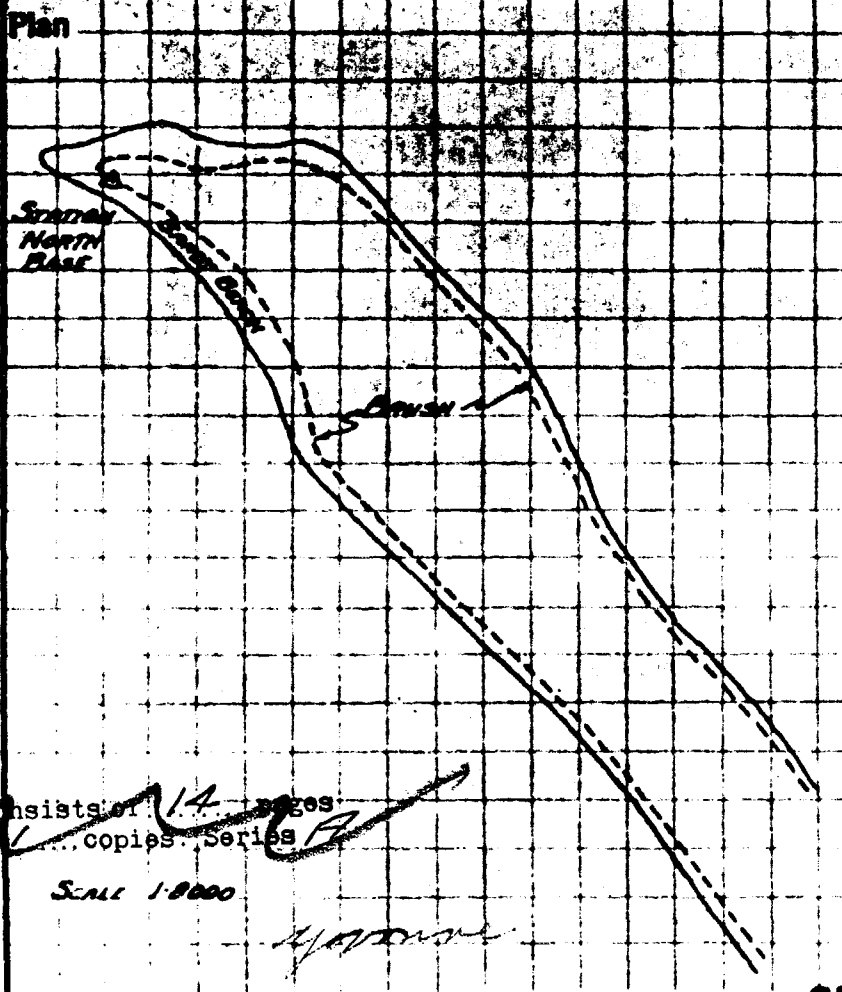
~~SECRET~~ Southwest Region

DESCRIPTION OF STATIONS

Locality ENIYETOK # 044

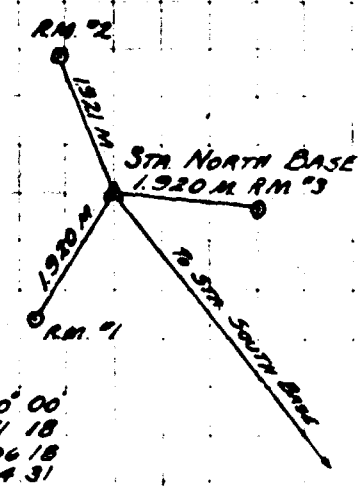
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 Inclosure No. \_\_\_\_\_ Field Book No. 202 page 35  
 Inclosure No. \_\_\_\_\_ Geodetic Positions, 1944 page 3  
 Inclosure No. \_\_\_\_\_ Triangulation Diagram, 1944  
 Inclosure No. \_\_\_\_\_

Lat. N.° 11 33 23.265 Name Δ No. BASE  
 Long. W.° 162 21 09.890 Short name on Boat Sheets X  
 Elevation in feet, ground \_\_\_\_\_  
 Origin of ENIYETOK  
 Coordinates\* ASIA 1944 N° 11 33 23.265 W° 162 21 09  
 Triangulation of the U.S.S. CONDYCH, season 1944  
 \*Field values are to be entered in pencil.



Station center, U.S.G. STANDARD BRONZE MARKER, SQUARELY  
 Surface C.M., COUNTERSUNK IN 18" CONCRETE POST, WHICH  
 Sub-surface mark, EXTENDS 1" ABOVE THE GROUND  
 References, 1" x 4" PILES DRIVEN 3' IN GROUND  
 Fix angles, \_\_\_\_\_  
 Persons familiar with location of station, COMDR. R.L. PEAU  
LT. COMDR. E.E. STOSHNER & LT. (C) H.E. LUCAS

FIELD SKETCH



STA SOUTH BASE	00° 00'
REF. MARKER #1	71 18
" #2	196 18
" #3	314 31

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SCALE 1:8000

Remarks: STATION NORTH BASE IS LOCATED ON THE NORTH SIDE OF UNUNITTO (HAWTHORNE) ISLAND, AT THE EDGE OF THE BRUSH & 18 METERS NORTH OF THE HIGH WATER LINE. SMALL BOATS IN THE LAGOON MAY EASILY LAND ON THE SANDY BEACH. A WOOD TRIPOD WITH A BLACK & WHITE TARGET IS CONSTRUCTED AT THE STATION, AND IS SHOWN ON FIELD CHART NO. 2010 AS BEACON J.

NHO 705

~~SECRET~~

DESCRIPTION OF STATIONS

Locality ENWETAH ATOLL

(Blanks to be filled in the H.O. except those marked X)

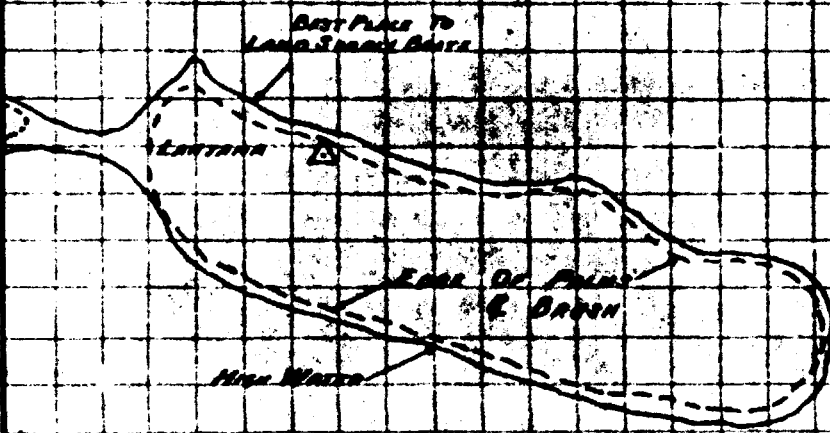
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Inclosure No. \_\_\_\_\_, Field Book No. \_\_\_\_\_, page \_\_\_\_\_  
Inclosure No. \_\_\_\_\_, Geodetic Positions, 1944, page \_\_\_\_\_  
Inclosure No. \_\_\_\_\_, Triangulation Diagram, 1944  
Inclosure No. \_\_\_\_\_

Lat., N.° \_\_\_\_\_  
Long., W.° \_\_\_\_\_  
Name Δ LANTANA  
Short name on Boat Sheets LA  
Elevation in feet, ground \_\_\_\_\_  
Origin of Coordinates° 11 31 23.80 N° 171 11 31 W°  
Triangulation of the U.S.S. BONDITCH, season 1944  
\*Field values are to be entered in pencil.

Plan

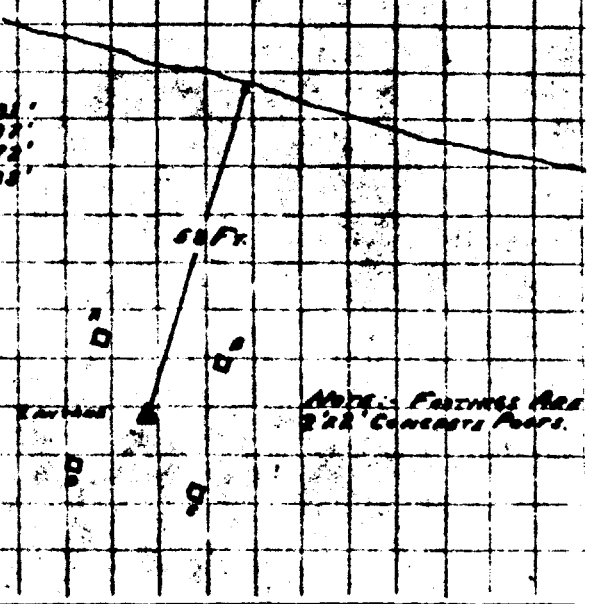
Station center, U.S.N. STATION BROWN MARKER BY GEODETIC PO  
Surface C.M., \_\_\_\_\_  
Sub-surface mark, \_\_\_\_\_  
References, \_\_\_\_\_  
Fix angles, \_\_\_\_\_  
Persons familiar with location of station, LT (JG) FLE. LUCAS,  
R. TAPP, Q.M. Yc

Margin for binding



FIELD SKETCH

AT LANTANA	
A - 88° 00'	13.01'
B - 86° 10'	18.37'
C - 177° 25'	12.72'
D - 86° 20'	12.88'



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SCALE 1:2,000

*gleun*

Remarks: STATION LANTANA IS LOCATED ON A RIDGE ON THE NORTH SIDE OF MURIN (LANTANA) ISLAND  
50 FEET FROM A RIDGE ALONG THE NORTH SHORE AND APPROX 600 FT FROM THE WEST END.  
SMALL BOATS MAY LAND NEAR STATION. A TRIANGULATION TOWER WAS LEFT IN PLACE  
OVER THE MARK AND IS SHOWN ON N.O. FIELD CHART 2009 AS "100 FT TOWER"

NHO 705

~~SECRET~~

DESCRIPTION OF STATIONS

Locality ENVIATOR ATOLL

(Station to be fixed in the H. O., except those marked )  
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 Inclosure No. \_\_\_\_\_, Field Book No. 203, page 37  
 Inclosure No. \_\_\_\_\_, Geodetic Positions, 1944 page \_\_\_\_\_  
 Inclosure No. \_\_\_\_\_, Triangulation Diagram, 1944  
 Inclosure No. \_\_\_\_\_

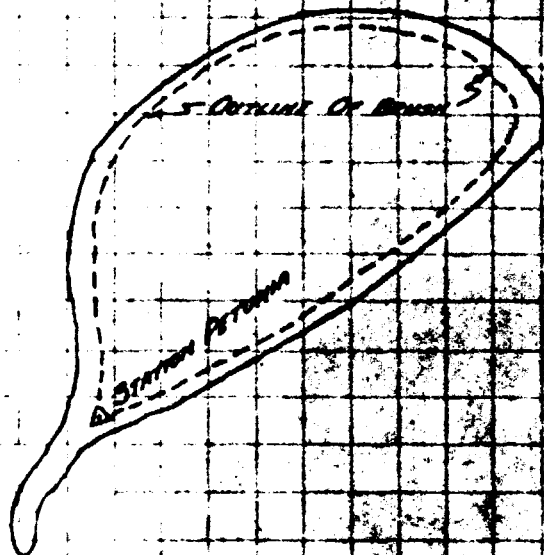
Lat., N.°	<u>11 38 59.270</u>	Name <u>Δ. PERTUNIA</u>
Long., W.°	<u>162 29 40.152</u>	Short name on Boat Sheets <u>30</u>
		Elevation in feet, ground _____
Origin of Coordinates <u>ENVIATOR</u>		
Coordinates°	<u>ASIAN 1944</u> N° <u>11 33 23.410</u> W° <u>162 21 10</u>	
Triangulation of the U.S.S. <u>BANDITEN</u> season <u>1944</u>		

\*Field values are to be entered in pencil.

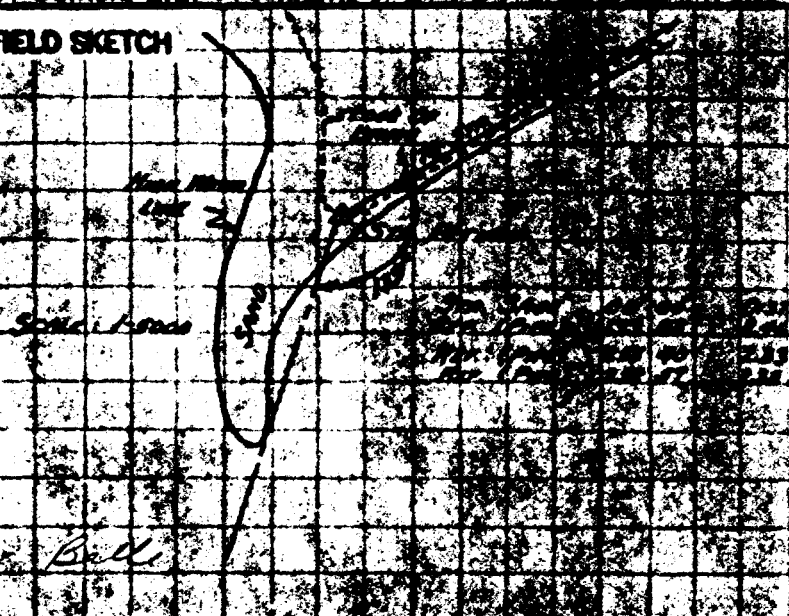
Plan

Station center, U.S.N. STANDARD BRASS MAYER IN  
 Surface C.M., 10" x 10" CONCRETE SLAB, MARKS EXTEND 1'  
 Sub-surface mark, APPROX. GROUND  
 References, 1" x 4" PICK DRIVEN 3' IN GROUND  
 Fix angles, \_\_\_\_\_  
 Persons familiar with location of station, GEORGE P. L. FLEMING  
LEONARD E. F. STOSHER, S. L. (S) R. E. LINDA

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FIELD SKETCH



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Remarks: STATION PERTUNIA IS LOCATED AT THE SE. END OF [REDACTED] (PERTUNIA) ISLAND AT THE END OF THE BAY, 25  
INLAND FROM THE SEA AND 3 METERS INLAND FROM THE COAST. THE STATION IS A BRASS MAYER IN THE LARGEST ROCK AT THE SHORE.  
HOWEVER, AT LOW TIDE NUMEROUS LARGE ROCKS ARE EXPOSED AND A BRASS MAYER IN THE DISTANCE  
A WOOD TRIPOD WITH A BLACK & WHITE TARGET IS CONSTRUCTED AT THE STATION AND SHOWN AS B.T. 6 ON THE PLAN SHEET 1501

N.H.O. 705

~~SECRET~~

DESCRIPTION OF STATIONS

Locality ENIWEOTON ATOLL

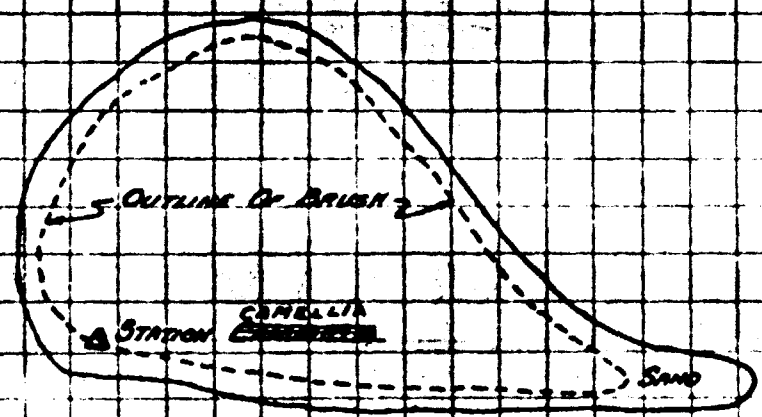
(Blanks to be filled in the H. O., except those marked \* )  
 Date received ~~SECRET~~  
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 Inclosure No. ...., Field Book No. 202, page 22  
 Inclosure No. ...., Geodetic Positions, 1944 page       
 Inclosure No. ...., Triangulation Diagram, 1944  
 Inclosure No. ....

Lat. N.°	<u>11</u>	<u>37</u>	<u>57.805</u>	Name <u>CAMELLIA</u>
Long. W.°	<u>162</u>	<u>17</u>	<u>29.224</u>	Short name on Boat Sheets <u>    </u>
Origin of Coordinates * <u>ENIWEOTON</u>				Elevation in feet, ground <u>    </u>
Coordinates * <u>11 37 57.805 N</u>				
Triangulation of the U.S.S. <u>BONDITCH</u>				season <u>1944</u>

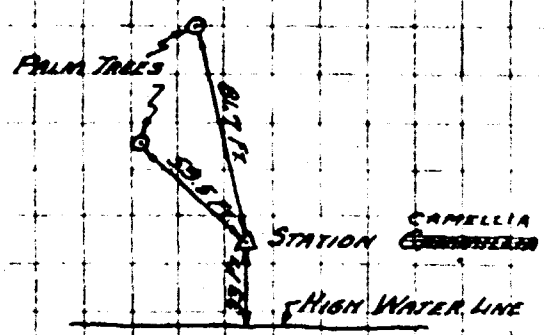
\*Field values are to be entered in pencil.

Plan

Station center, U.S.N. BRONZE STANDARD MARKER IN 10" 110"  
 Surface C.M., CONCRETE POST  
 Sub-surface mark,       
 References, PALM TREES  
 Fix angles,       
 Persons familiar with location of station, COMDR. R.L. PRAU  
Lt. COMDR. J.C. TRIBBLE, Lt. COMDR. E.E. STOSHNER & LT. (SN) HE. LUCAS



FIELD SKETCH



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Remarks: STATION CAMELLIA IS LOCATED ON THE SW CORNER OF CAMELLIA ISLAND. SMALL BOATS MAY LAND AT THE STATION, HOWEVER THE SURF IS A LITTLE ROUGH AND LARGE ROCKS ARE NEARLY AWASH AT LOW TIDE. A WOOD TRIPOD WITH A BLACK & WHITE TARGET IS CONSTRUCTED AT THE STATION, AND IS MARKED BY A PILE (PART NO. 2011) AS BEACON 4.



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DESCRIPTION OF STATIONS

Date received in H.O. ....

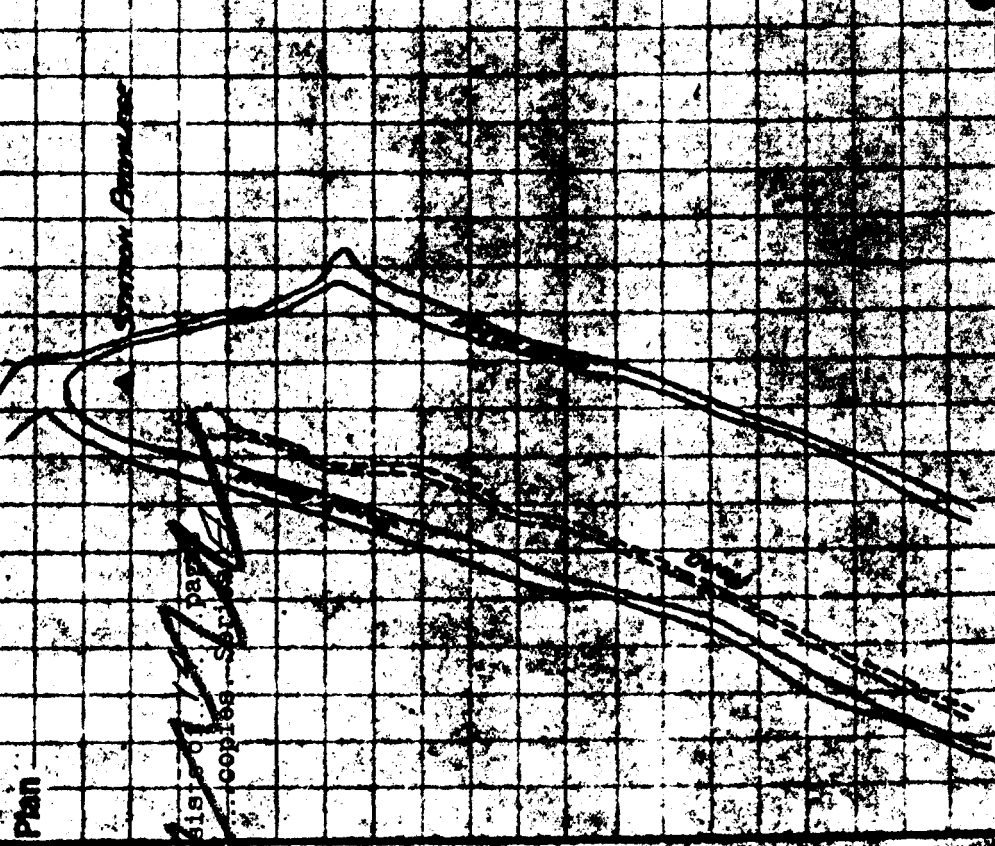
Filed as Arch. Doc. No. ... 59713 ... as Inclosure No. 51 B

Inclosure No. .... Field Book No. 2201, page 62

Inclosure No. .... Geodetic Positions, 1944, page 1

Inclosure No. .... Triangulation Diagram, 1944

Inclosure No. ....



Remains Station. Enclosure is located on the ... of ... Island. Small boats are used at the station. A wood ... is constructed at the station and is shown on N.O. field sketch of 2009. At a glance B.

Locality EMERSON ISLAND

Lat. N.° 11 Long. W.° 162

Name Δ PRL 862  
Short name on Boat Sheets PK  
Elevation in feet, ground 162 41 10

Origin of EMERSON  
Coordinates A 23 41 10 N° 11 33 23 41 10 W°

Triangulation of the U.S.S. BEWATER, season 1944

Field values are to be entered in pencil.

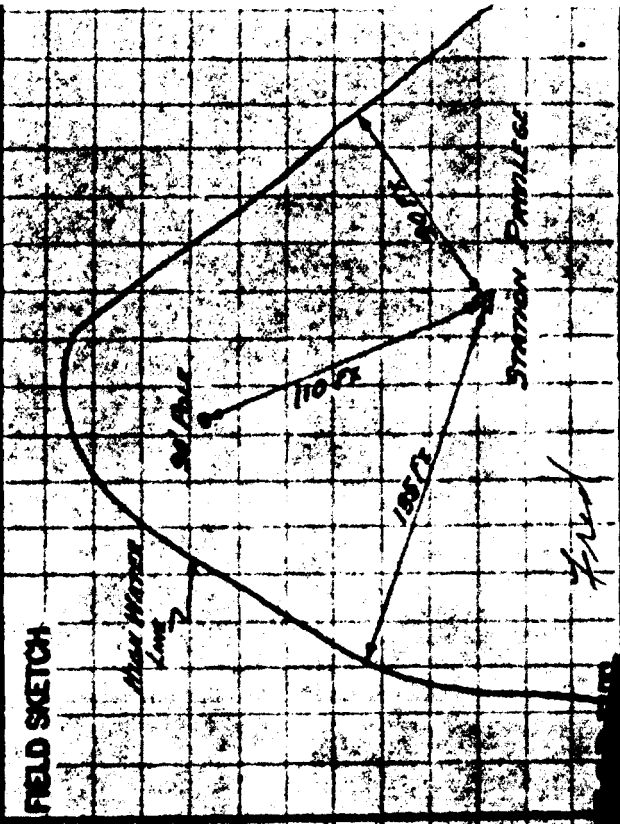
Station center, U.S.A. STANDARD BROWNE MARKER in Surface C.M. ... CONCRETE POST WITH EXTENSIVE ...

Sub-surface mark, None known

References

Fix angles

Persons familiar with location of station, Comdr. R.L. PINK  
Lt. Comdr. L.E. STANLEY, U.S. Navy N.E. 1944



Remains Station. Enclosure is located on the ... of ... Island. Small boats are used at the station. A wood ... is constructed at the station and is shown on N.O. field sketch of 2009. At a glance B.

N.H.O. 705

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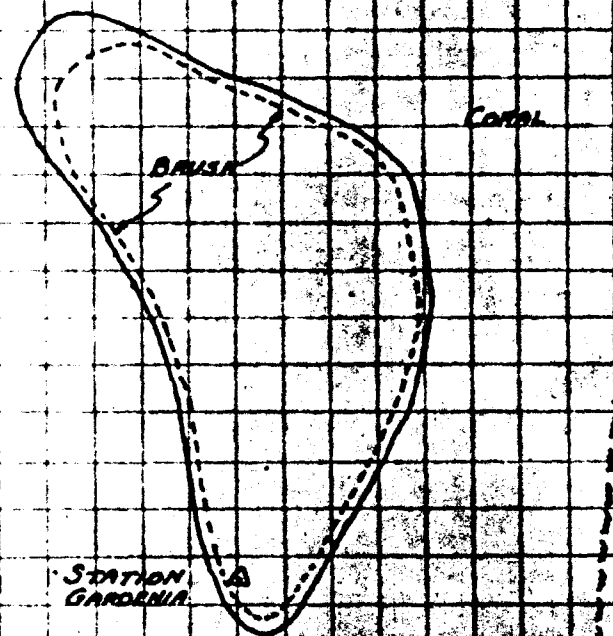
DESCRIPTION OF STATIONS

Locality *ENVIKOK Atoll*

(Blanks to be filled in the H. O., except the marked x)  
Date received in ~~SECURITY INFORMATION~~  
Filed as Arch. Doc. No. *5697/1* as Inclosure No. *51* H.  
Inclosure No. ...., Field Book No. *221*, page *28*  
Inclosure No. ...., Geodetic Positions, 19*44* page  
Inclosure No. ...., Triangulation Diagram, 19*44*  
Inclosure No. ....

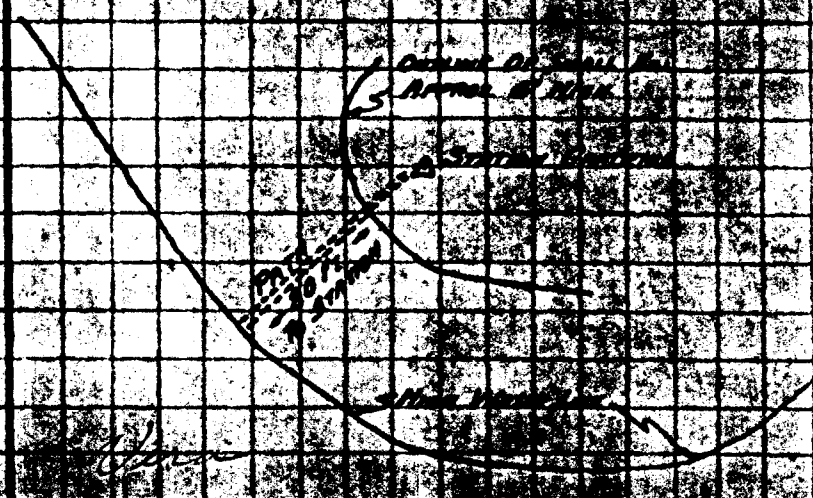
Lat. N.° *12 23*  
Long. W.° *157 25*  
Name *Δ GARDENIA*  
Short name on Boat Sheets *oc*  
Elevation in feet, ground  
Origin of Coordinates *ENVIKOK*  
Coordinates *11 23 23.490 N° 162 21 10.2*  
Triangulation of the U.S.S. *ROMPITCH*, season *1944*  
\*Field values are to be entered in pencil.

Plan



Station center, *U.S.N. STANDARD BRONZE MAPPED SURV. APPR.*  
Surface C.M., *L.A.C. CONCRETE POST*  
Sub-surface mark  
References  
Fix angles  
Persons familiar with location of station *Capt. R. P. ...*  
*Lt. Comm. E. C. ...*

FIELD SKETCH



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Remarks: *STATION GARDENIA IS LOCATED APPROX. 100 YDS. FROM THE BEACH OF A SMALL ISLAND, SOUTH OF BARANBIRU (GARDENIA) ISLAND. SMALL BRUSH AND CORAL ROCKS ARE NORMALLY ABSENT AT LOW TIDE. A HAND-DRAWN SKETCH OF THE STATION IS SHOWN ON H.O. FIELD CHART NO. 2011 AS R 150N K. & Baranbiru is - site UEN*

NHO 705

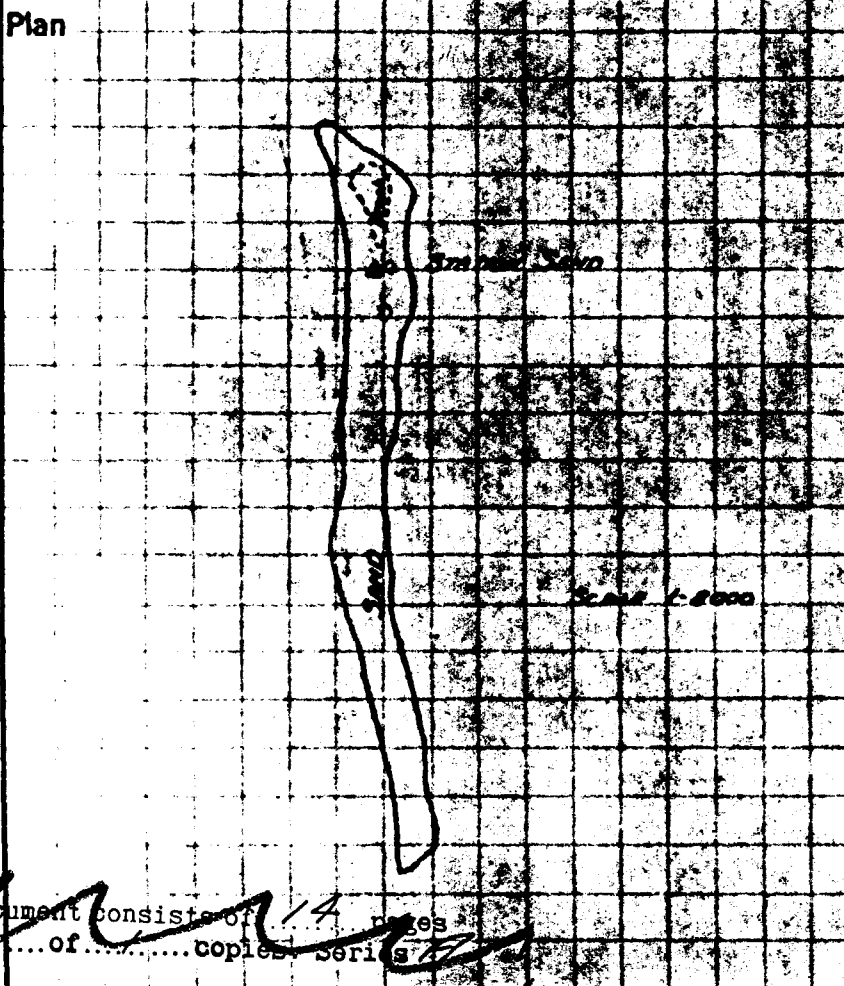
~~SECRET~~

DESCRIPTION OF STATIONS

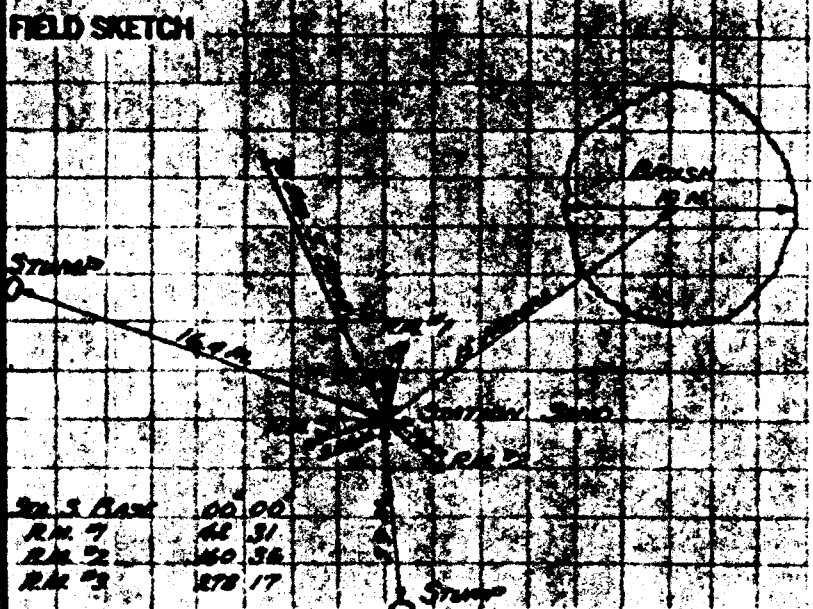
Locality *ENIYATOK Atoll*

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Date received in H.O. \_\_\_\_\_  
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Inclosure No. \_\_\_\_\_, Field Book No. *201*, page *37*  
Inclosure No. \_\_\_\_\_, Geodetic Positions, 19<sup>th</sup> *44* page \_\_\_\_\_  
Inclosure No. \_\_\_\_\_, Triangulation Diagram, 19<sup>th</sup> *44*  
Inclosure No. \_\_\_\_\_

Lat. N.° *11 30 18.968* Name *A...S ?*  
Long. W.° *162 23 06.893* Short name on Bow Sheets *sa*  
Elevation in feet, ground \_\_\_\_\_  
Origin of Coordinates *ENIYATOK 1879-1924* N° *11 33 23.490* W° *162 21 10.7*  
Triangulation of the U.S.S. *BOWDITCH*, season *1944*  
\*Field values are to be entered in pencil.



Station center, *U.S.M. STANDARD BRONZE MARKER IN SURFACE C.M., 8" CONCRETE POST, 3" ABOVE GROUND.*  
Sub-surface mark \_\_\_\_\_  
References *2 1/2" STAMP ATTACHED TO TRIPOD LEGS*  
Fix angles \_\_\_\_\_  
Persons familiar with location of station *COMDR R.L. FRENCH, LT COMDR E.E. STESMER, LT JG R.E. LUCAS*



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Remarks: *STATION SAND IS LOCATED ON THE EAST SIDE OF ANIYARNII (JASMINE) ISLAND. SMALL PART IN THE LAGOON MAY EASILY LAND AT THE STATION. A WOODEN TRIPOD WITH A BLACK & WHITE TARGET IS CONSTRUCTED AT THE STATION, AND IS SHOWN ON THE FIELD CHART 2010 AS BEACON 'D'.*

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44-705

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DESCRIPTION OF STATIONS

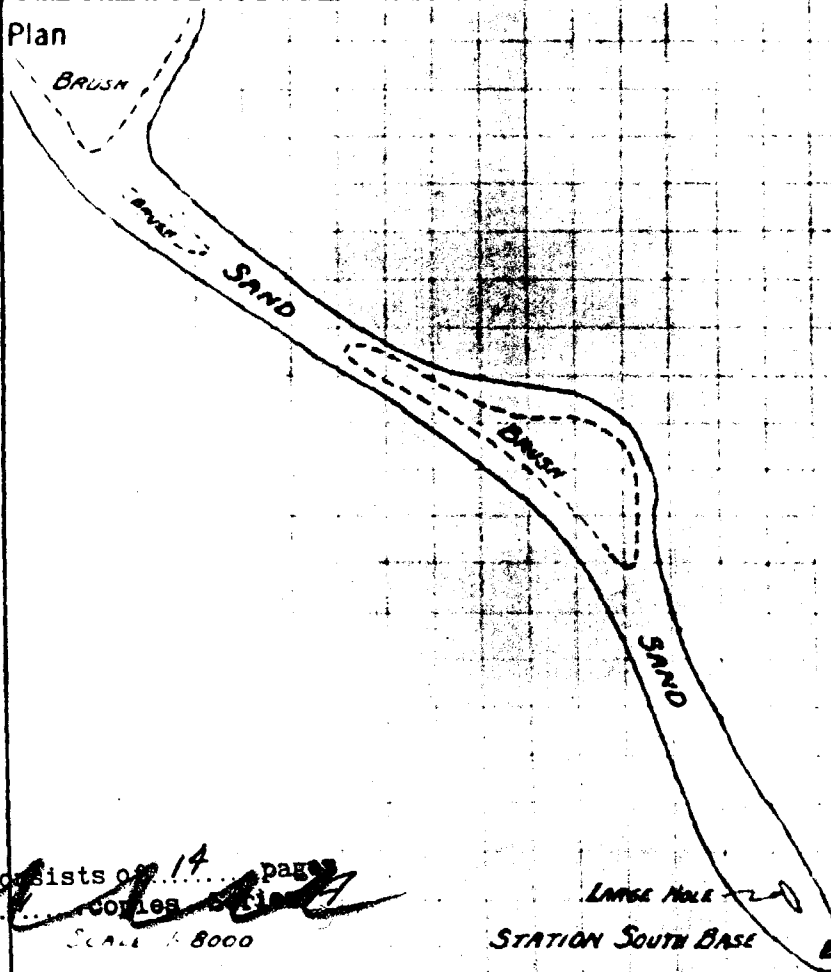
Locality ENIWETOK TOLL

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~~SECURITY INFORMATION~~  
Date received in H.O. \_\_\_\_\_  
Filed as Arch. Doc. No. 5697/1 as Inclosure No. 51 B  
Inclosure No. \_\_\_\_\_, Field Book No. 201, page 30  
Inclosure No. \_\_\_\_\_, Geodetic Positions, 1944 page \_\_\_\_\_  
Inclosure No. \_\_\_\_\_, Triangulation Diagram, 1944  
Inclosure No. \_\_\_\_\_

Lat. N.° 11 32 52.827 Name Δ SOUTH BASE  
Long. W.° 162 23 04.920 Short name on Boat Sheets SB  
Elevation in feet, ground \_\_\_\_\_  
Origin of ENIWETOK  
Coordinates\* ASTRO. 1944 N° 11 33 23.480 W° 162 21 10.2  
Triangulation of the U.S.S. BONDITCH, season 1944

\*Field values are to be entered in pencil.

Plan



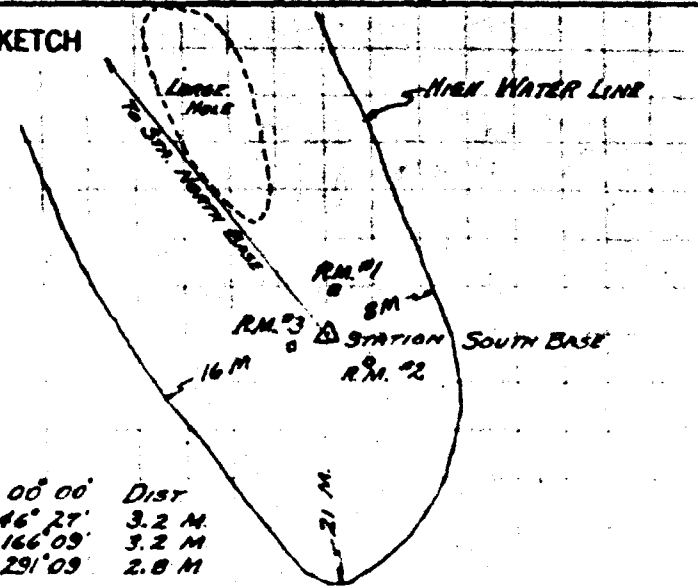
Station center, U.S.M. STANDARD BRONZE MARKER FLUSH IN  
Surface C.M., 18" CONCRETE FOOT, EXTENDING 6" ABOVE  
Sub-surface mark, GRANITE 3 FT. BELOW

References, 2"E. STAKES SECURED TO TRIPOD LEGS

Fix angles \_\_\_\_\_

Persons familiar with location of station, COMDR. R.L. PEAL  
LT. COMDR. E.E. STOSHNER, & LT. (J.G.) H.E. LUCAS

FIELD SKETCH



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Remarks: SOUTH BASE IS LOCATED ON THE SAND DUNE SMALL BOATS IN THE LAGOON MAY EASILY LAND AT THE STATION. A WOOD TRIPOD WITH A BLACK & WHITE TARGET IS CONSTRUCTED AT THE STATION, AND IS SHOWN ON H.O. FIELD CHART NO 3010 AS BRUSH H.

19

~~SECRET~~

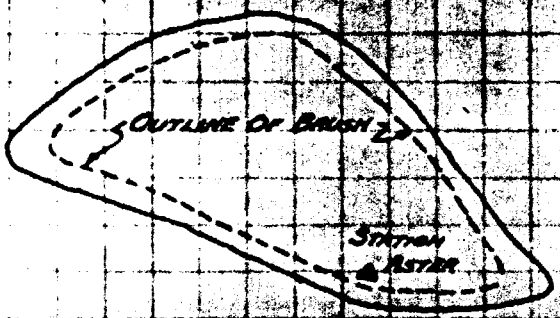
DESCRIPTION OF STATIONS

Locality ENVIETA, ASTOR

(Blank) to be filled in the field  
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 Date received in H.O. \_\_\_\_\_  
 Filed as Arch. Doc. No. 5697/1 as Inclosure No. 51  
 Inclosure No. \_\_\_\_\_, Field Book No. 292, page 52  
 Inclosure No. \_\_\_\_\_, Geodetic Positions, 1944, page \_\_\_\_\_  
 Inclosure No. \_\_\_\_\_, Triangulation Diagram, 1944  
 Inclosure No. \_\_\_\_\_

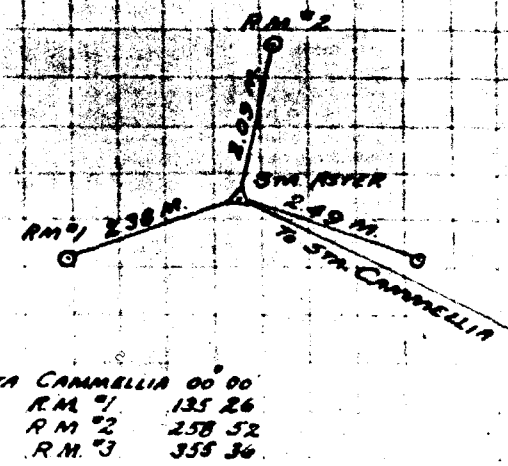
Lat. N° 11 38 53.999 Name ASTER  
 Long. W° 162 15 35.990 Short name on Boat Sheets AS  
 Elevation in feet, ground \_\_\_\_\_  
 Origin of ENVIETA  
 Coordinates° ASTER 1944 N° 11 33 23.480 E° 162 21 10.2  
 Triangulation of the U.S.S. BONOLUCA season 1944  
 \*Field values are to be entered in pencil.

Plan



Station center, U.S. STANDARD BANNER MARKER, SURVEY  
 Surface C.M. CONCRETE 10" DIA. CONCRETE POST  
 Sub-surface mark, WOOD TRIPOD 2" DIA. GROUND  
 References, 1" DIA. PIPE DASH 3" IN GROUND  
 Fix angles, \_\_\_\_\_  
 Persons familiar with location of station, COMDR. R.J. PEARL  
LT COMDR. E.E. STRASHER, ETC (19) H.E. LUCAS

FIELD SKETCH



SCALE 1:8000

Lucy

Remarks: STATION ASTER IS LOCATED ON THE SW SHORE OF AURIGNAN (ASTER) ISLAND, 23 METERS INLAND FROM THE HIGH WATER LINE. SMALL BOATS IN THE LAGOON WENT BEACHED ON THE BEACH. A WOOD TRIPOD WITH A BLACK & WHITE TARGET IS CONSTRUCTED AT THE STATION. AND IS SHOWN ON HIS FIELD CHART NO 2011 AS BRACEY M.

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