Porm 504

U. S. DEPARTMENT OF COMMERCE
COAST AND GEODETIC SURVEY

DESCRIPTIVE REPORT

Type of Survey Planimetric

Field No. Office No. T-13416

LOCALITY

State United States Possession

General locality Pacific Ocean

Locality Wake Island

19 44 * See below

CHIEF OF PARTY

LIBRARY & ARCHIVES

USCOMM-DC 5087

* 1968-1970 (Refer to page 6)

				<u> </u>
	ESSA FORM 76-36a (2-70) ENVIRON	U.S. DEPARTMENT OF COMMERCE MENTAL SCIENCE SERVICES ADMIN. COAST AND GEODETIC SURVEY	TYPE OF SURVEY	
		· · · · · · · · · · · · · · · · · · ·	🔼 ORIGINAL	SURVEY TV 13416
	DESCRIPTIVE REP	ORT - DATA RECORD	REVISED-	јов РН - <u>7009</u>
	PHOTOGRAMMETRIC OFFICE		FOR REVISED	SURVEY USE ONLY
	,			· · · · · · · · · · · · · · · · · · ·
	Rockville, Mar	yland	ORIGINAL	JOB PH
	OFFICER-IN-CHARGE		SURVEY DATA:	DATES:
	Dishami II II	14		19TO 19
	Richard H. Hou	Luer	<u> </u>	
		FFICE	2	, FIELD
	June 4, 1970		None	
	II. DATUMS			
	I. HORIZONTAL:	1927 NORTH AMERICAN	OTHER (Specify)	
	1		Astro 1952	
		MEAN HIGH-WATER	OTHER (Specify)	•
	2. VERTICAL:	MEAN LOW-WATER MEAN LOWER LOW-WATER	None	
		MEAN SEA LEVEL	NOHE	•
	3. MAP PROJECTION		4.	GRID(S)
			STATE	ZONE
	Mercator		None	None
	1:15,000		None	ZONE
	III. HISTORY OF OFFICE OPERA	TIONS	None	None
	OPE	RATIONS	NAME	DATE
:	1. AEROTRIANGULATION	вү	J. D. Perrow.	Jr. 6/22/70
	METHOD: C-8 stereo	planigrapheks and aids by	Inapplicable	
	2. CONTROL AND BRIDGE POIN		P. J. Dempsey	
		matic PlottefHECKED BY	P. J. Dempsey E. L. Rolle	9/2/70
	3. STEREOSCOPIC INSTRUMENT COMPILATION	PLANIMETRY BY CHECKED BY	H. R. Brooks	9/14/70
	INSTRUMENT: Wild B-	8 contours by	None	7/ 1/ 1/
	SCALE: 1:15,000	CHECKED BY	NA	· · · · · · · · · · · · · · · · · · ·
	4. MANUSCRIPT DELINEATION	PLANIMETRY BY	E. L. Rolle	9/21/70
		CHECKED BY	H. R. Brooks	9/21/70
	METHOD: Drafted	CHECKED BY	None NA	
		HYDRO SUPPORT DATA BY	None	
	5CALE: 1:15,000	CHECKED BY	NA	
	5. OFFICE INSPECTION PRIOR	TO FIELD EDIT BY	None	
	6. APPLICATION OF FIELD EDI		None	
	7. COMPILATION SECTION REVI	EW CHECKED BY	NA E. L. Rolle	20/6/20
	8. FINAL REVIEW	EW BY	E. L. Rolle S. G. Blanken	<u> 10/6/70</u> baker 10/21/70
	9. DATA FORWARDED TO PHOT		E. L. Rolle	10/19/70
	10. DATA EXAMINED IN PHOTOG	RAMMETRIC BRANCH BY	S. G. Blanken	- +0/+//+
	11. MAP REGISTERED - COASTAL	SURVEY SECTION BY		

ESSA FORM 76-36 A

SUPERSEDES FORM C&GS 181 SERIES

USCOMM-DC 46200-P70



1. COMPILATION PHOTOGRAPHY CAMERA(S) 11 Q NOVER D	COA	4DN 4710			_			SURVEY
<u> </u>		MPILATIO	N SOUI	RCES				
<u> </u>					<u> </u>			
Focal length approx. 6"		TYPE	S OF PH LEGE	OTOGRAPHY END		TIME REFERENCE		
TIDE STAGE REFERENCE PREDICTED TIDES REFERENCE STATION RECORD JIDE CONTROLLED PHOTOGRA	s	(C) COLOR (P) PANCHROMATIC (I) INFRARED		MERIDI	24 XST		ANDARD	
NUMBER AND TYPE	DATE	TIME	·	SCALE	1.0,	-	E OF TIDE	
006(P) thru 010(P	8/24/64	10:1	0	1:25,00	O MLL	W		:
					į			
The model of the		d by t	he U	.S. Navy	for t	his p	hotograp	oh y
Photos dated 8/2								
3. SOURCE OF MEAN LOW-WATER	OR MEAN LOWER L	OW-WATER I	LINE:					
Photos dated 8/2	4/64.							
4 CONTEMPORARY HYDROCRAR	UIC CHOVEVE AT LA							
4. CONTEMPORARY HYDROGRAP SURVEY NUMBER DATE(S)	SURVEY CO			Y NUMBER	or photogram		SURVEY COPY	
Inapplicable	SURVETO	- 1 0350		. NOMBER	DA (E(3)	`	SURVET COPY	VOED
5. FINAL JUNCTIONS	EAST		South			WEST		
None	None			None			lone	:
REMARKS 3417 falls wi		Lmits c	of th	is surve	y and	the j	junctions	s hav
been made. Ther surroun	e are no co ding this s	rraembo	rary	aurveys	TIT ATT	a.r c	USCOMM-DC 4	

ESSA	FORM	76-36c

U.S. DEPARTMENT OF COMMERCE ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION COAST AND GEODETIC SURVEY

HISTORY OF FIELD OPERATIONS

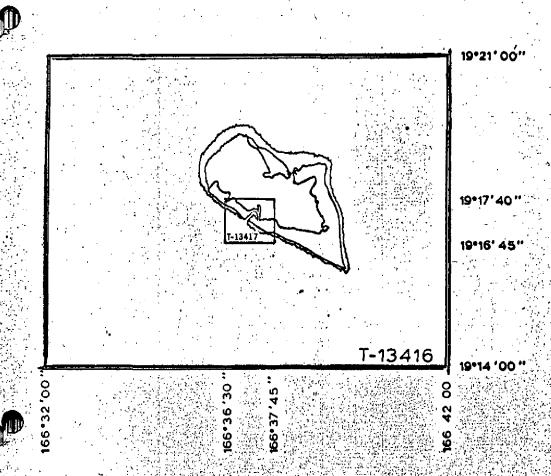
G.M. Ward, Chief Tide Observation Party RECOVERED BY ESTABLISHED BY PRE-MARKED OR IDENTIFIED BY PRE-MARKED OR IDENTIFIED BY AIDS TO NAVIGATION RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY		OPERATION		only	DATE
ANDMARKS AND LIMITS SOURCE DATA HORIZONTAL CONTROL PRE-MARKED OR IDENTIFIED BY RECOVERED BY PRE-MARKED OR IDENTIFIED BY RECOVERED BY LOATED (Field Methods) BY LOANDER COMPLETE BY 3 (70) Refer to chart letter #93 (70) Rome Refer to chart letter #93 (70) Rome None LANDMARIS AND LIMITS SURVEYED OR IDENTIFIED BY NONE LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED BY NONE LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED NOTH CHART (Field on photography - all data included in Chart Letter #93 and Bluepint #77588. OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Goodesy Division) Note all field records filed in the Marine Data Branch (Filed proposed) Note all field records filed in the Marine Data Branch (Filed proposed)	CHIEF OF FIELD PART	*	G.M. Ward	Chief Tide	Dec. 68
NONE PRE-MARKED OR IDENTIFIED BY VERTICAL CONTROL RECOVERED BY VERTICAL CONTROL RECOVERED BY PRE-MARKED OR IDENTIFIED BY LANDMARKS AND ALDS TO NAVIGATION LOCATED (Field Methods) BY LOCATED (Field Field Fie			Observation	n Party	Jan. 70
VERTICAL CONTROL RECOVERED BY NONE PRE-MARKED OR IDENTIFIED BY LANDMARKS AND AIDS TO NAVIGATION LOCATED (Field Methods) by L	Weblicouth, Couther				
VERTICAL CONTROL RECOVERED BY PRE-MARKED OR IDENTIFIED BY NONE LANDMARKS AND AIDS TO NAVIGATION COMPLETE INVESTIGATION CEOGRAPHIC NAMES INVESTIGATION CHARIFICATION OF DETAILS BY NONE BOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED BY NONE CHARIFICATION OF DETAILS BY NONE BOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED BY NONE BOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED BY NONE MOTO NUMBER STATION NAME PHOTO NUMBER STATION NAME PHOTO NUMBER STATION NAME PHOTO NUMBER STATION NAME PHOTO NUMBER Clarification of details) NONE LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED NOTE LANDMARKS AND AIDS TO NAVI	HORIZONIAL CONTROL		None		
VERTICAL CONTROL PREMARKE DO IDENTIFIED BY PREMARKE DO RENTIFIED BY SOURCE PART OF THAN PROPERTY OF THE PROPE					
PRE-MARKEO OR IDENTIFIED BY RECOVERED (Triangulation Stations) BY LANDMARKS AND AIDS TO NAVIGATION COCATED (Field Methods) BY IDENTIFIED BY TYPE OF INVESTIGATION COCATED (Field Methods) BY IDENTIFIED BY TYPE OF INVESTIGATION COCATED (Field Methods) BY IDENTIFIED BY TYPE OF INVESTIGATION COCATED (Field Methods) BY IDENTIFIED BY	VERTICAL CONTROL		37		
RECOVERED (Triangulation Stations) BY LOCATED (Field Methods) BY LOCATED (Field Methods) BY SIDENTIFIED BY TYPE OF INVESTIGATION GEOGRAPHIC NAMES	VERTICAL CONTROL		None		
LANDMARKS AND AIDS TO NAVIGATION LOCATED (Field Methods) by AIDS TO NAVIGATION GEOGRAPHIC NAMES INVESTIGATION PHOTO INSPECTION CLARIFICATION OF DETAILS BY BOUNDARIES AND LIMITS SOURCE DATA HORIZONTAL CONTROL IDENTIFIED NONE HOTO NUMBER STATION NAME PHOTO NUMBERS (Clarification of details) NONE LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED NOTE AIDS TO NUMBER OBJECT NAME PHOTO NUMBER OBJECT NAME PHOTO NUMBER OBJECT NAME OBJECT NAME OBJECT NAME OBJECT NAME OBJECT NAME OBJECT NAME OTHER FIELD RECORDS (Sketch books, stc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Warring Data Branch Education Note all field records filed in the Warring Data Branch Education			Tales T	a .	
AIDS TO NAVIGATION IDENTIFIED BY 17c # 4 TYPE OF INVESTIGATION COMPLETE SPECIFIC NAMES ONLY #93(70) PHOTO INSPECTION CLARIFICATION OF DETAILS BY NONe BOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED BY NONe HORIZONTAL CONTROL IDENTIFIED NOne NONe NOne NOne HOTO NUMBER STATION NAME PHOTO NUMBER STATION DESIGNATION NONE LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED NOTE LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED NOTE LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED NOTE ADDRESS Clarification of details NONE LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED NOTE LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED NOTE ADDRESS CLARIFICATION ADDRESS PHOTO NUMBER OBJECT NAME OBJECT NAME PHOTO NUMBER OBJECT NAME GEOGRAPHIC NAMES: REPORT NONE G. BOUNDARY AND LIMITS: REPORT NONE SUPPLEMENTAL MAPS AND PLANS REPORT NONE CROSS (SKetch books, etc. DO NOT list data submitted to the Geodesy Division) NOTE all field records filed in the Warring Data Branch Plansmarks Parach Plansm	LANDMARKS AND				June 69
TYPE OF INVESTIGATION COMPLETE SPECIFIC NAMES ONLY SPECIFIC NAMES ONLY SPECIFIC NAMES ONLY NO INVESTIGATION CLARIFICATION OF DETAILS BY SOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED NONE SOURCE DATA HORIZONTAL CONTROL IDENTIFIED NONE HOTO NUMBER STATION NAME PHOTO NUMBER STATION NAME PHOTO NUMBER STATION OF DETAILS BY NONE HOTO NUMBERS (Clarification of details) NONE LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED Not identified on photography - all data included in Chart Letter #93 and Bluepint #77588. OBJECT NAME OBJECT NAME OBJECT NAME OBJECT NAME OFFICE OR SPECIFIC NAME OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Breach FILED RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Breach FILED RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Breach FILED RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division)					
GEOGRAPHIC NAMES COMPLETE SPECIFIC NAMES ONLY BY #93(70) PHOTO INSPECTION CLARIFICATION OF DETAILS BY NONE SURVEYED OR IDENTIFIED BY NONE N			ITEM	4	
PHOTO INSPECTION IN INVESTIGATION PHOTO INSPECTION CLARIFICATION OF DETAILS BY NONE SOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED BY NONE HORIZONTAL CONTROL IDENTIFIED NONE HOTO NUMBER STATION NAME PHOTO NUMBER STATION NAME PHOTO NUMBERS (Clarification of details) NONE LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED Not identified on photography - all data included in Chart Letter #93 and Bluepint #77588. OBJECT NAME GEOGRAPHIC NAMES: REPORT SUPPLEMENTAL MAPS AND PLANS FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Breanch (Pluspendict) PAONO Note all field records filed in the Marine Data Breanch (Pluspendict)	GEOGRAPHIC NAMES		Pofon to	b	
PHOTO INSPECTION CLARIFICATION OF DETAILS BY NONE BOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED BY NONE SOURCE DATA HORIZONTAL CONTROL IDENTIFIED NONE NONE HOTO NUMBER STATION NAME PHOTO NUMBER STATION DESIGNATION NONE LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED Not identified on photography - all data included in Chart Letter #93 and Bluepinrt #77588. HOTO NUMBER OBJECT NAME PHOTO NUMBER OBJECT NAME PHOTO NUMBER OBJECT NAME PHOTO NUMBER OBJECT NAME OBJE		BY	Welet (o chart lette	r
PHOTO INSPECTION CLARIFICATION OF DETAILS BY NOME BOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED WOND NOME HORIZONTAL CONTROL IDENTIFIED NOME HOTO NUMBER STATION NAME PHOTO NUMBERS (Clarification of details) NONE LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED Not identified on photography - all data included in Chart Letter #93 and Bluepinrt #77588. HOTO NUMBER OBJECT NAME GEOGRAPHIC NAMES: REPORT NONE GEOGRAPHIC NAMES: REPORT NONE GEOGRAPHIC NAMES: REPORT NONE SUPPLEMENTAL MAPS AND PLANS FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marrine Data Branch (Pluppediate)			#93(70)		
BOUNDARIES AND LIMITS SURVEYED OR IDENTIFIED V None A HORIZONTAL CONTROL IDENTIFIED None HOTO NUMBER STATION NAME PHOTO NUMBERS (Clarification of details) None LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED Not identified on photography - all data included in Chart Letter #93 and Bluepint #77588. HOTO NUMBER OBJECT NAME PHOTO NUMBER OBJECT NAME	PHOTO INSPECTION		None		
HORIZONTAL CONTROL IDENTIFIED None HOTO NUMBER STATION NAME PHOTO NUMBERS (Clarification of details) None LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED Not identified on photography - all data included in Chart Letter #93 and Bluepinrt #77588. HOTO NUMBER OBJECT NAME PHOTO NUMBER OBJECT NAME GEOGRAPHIC NAMES: REPORT NONE SUPPLEMENTAL MAPS AND PLANS FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marrine Data Branch Placement					
None HOTO NUMBER STATION NAME PHOTO NUMBER STATION DESIGNATION PHOTO NUMBERS (Clarification of details) None LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED Not identified on photography - all data included in Chart Letter #93 and Bluepinrt #77588. HOTO NUMBER OBJECT NAME PHOTO NUMBER OBJECT NAME GEOGRAPHIC NAMES: REPORT NONE 6. BOUNDARY AND LIMITS: REPORT NONE SUPPLEMENTAL MAPS AND PLANS FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Martine Data Branch Plus products	SOURCE DATA		Wone		
PHOTO NUMBERS (Clarification of details) None LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED Not identified on photography - all data included in Chart Letter #93 and Bluepinrt #77588. HOTO NUMBER OBJECT NAME PHOTO NUMBER OBJECT NAME GEOGRAPHIC NAMES: REPORT NONE 6. BOUNDARY AND LIMITS: REPORT NONE SUPPLEMENTAL MAPS AND PLANS FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Martine Data Branch Plansmant	HORIZONTAL CONTROL	IDENTIFIED	2. VERTICAL CON	TROL IDENTIFIED	
PHOTO NUMBERS (Clarification of details) None LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED Not identified on photography - all data included in Chart Letter #93 and Bluepint #77588. HOTO NUMBER OBJECT NAME PHOTO NUMBER OBJECT NAME PHOTO NUMBER OBJECT NAME	None		None		
PHOTO NUMBERS (Clarification of details) None LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED Not identified on photography - all data included in Chart Letter #33 and Bluepinrt #77588. HOTO NUMBER OBJECT NAME PHOTO NUMBER OBJECT NAME GEOGRAPHIC NAMES: REPORT NONE 6. BOUNDARY AND LIMITS: REPORT NONE SUPPLEMENTAL MAPS AND PLANS FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Branch (Diversite)	PHOTO NUMBER	STATION NAME		STATION DESI	CALL TION
None LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED Not identified on photography - all data included in Chart Letter #93 and Bluepinrt #77588. HOTO NUMBER OBJECT NAME PHOTO NUMBER OBJECT NAME GEOGRAPHIC NAMES: REPORT NONE 6. BOUNDARY AND LIMITS: REPORT NONE SUPPLEMENTAL MAPS AND PLANS FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Branch Plansmint					
LANDMARKS AND AIDS TO NAVIGATION IDENTIFIED Not identified on photography - all data included in Chart Letter #93 and Bluepint #77588. HOTO NUMBER OBJECT NAME PHOTO NUMBER OBJECT NAME GEOGRAPHIC NAMES: REPORT NONE 6. BOUNDARY AND LIMITS: REPORT NONE SUPPLEMENTAL MAPS AND PLANS FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Branch Pluggment		ication of details)			
Not identified on photography - all data included in Chart Letter #93 and Bluepinrt #77588. HOTO NUMBER OBJECT NAME PHOTO NUMBER OBJECT NAME GEOGRAPHIC NAMES: REPORT NONE 6. BOUNDARY AND LIMITS: REPORT NONE SUPPLEMENTAL MAPS AND PLANS FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Branch (Plugprint)		O NAVIGATION IDENTIFIED			
GEOGRAPHIC NAMES: REPORT NONE 6. BOUNDARY AND LIMITS: REPORT NONE SUPPLEMENTAL MAPS AND PLANS FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Branch Plans					
GEOGRAPHIC NAMES: REPORT NONE 6. BOUNDARY AND LIMITS: REPORT NONE SUPPLEMENTAL MAPS AND PLANS FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Branch (Placement)				ded in Chart	T-11
GEOGRAPHIC NAMES: REPORT NONE 6. BOUNDARY AND LIMITS: REPORT NONE SUPPLEMENTAL MAPS AND PLANS FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Branch (Placement)	Not identifie	d on photography - all	data inclu	aca TII OHOT O	Letter
GEOGRAPHIC NAMES: REPORT NONE 6. BOUNDARY AND LIMITS: REPORT NONE SUPPLEMENTAL MAPS AND PLANS FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Branch (Planting)	Not identifie #93, and Bluep	11110 #11500.			
SUPPLEMENTAL MAPS AND PLANS FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Branch (Plugarint)	Not identifie #93 and Bluep	11110 #11500.			
SUPPLEMENTAL MAPS AND PLANS FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Branch (Plugarint)	Not identifie #93 and Bluep	11110 #11500.			
SUPPLEMENTAL MAPS AND PLANS FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Branch (Plugarint)	Not identifie #93 and Bluep	11110 #11500.			
SUPPLEMENTAL MAPS AND PLANS FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Branch (Plugarint)	Not identifie #93 and Bluep	11110 #11500.			
SUPPLEMENTAL MAPS AND PLANS FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Branch (Plugarint)	Not identifie #93 and Bluep	11110 #11500.			
SUPPLEMENTAL MAPS AND PLANS FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Branch (Plugarint)	Not identifie #93 and Bluep	11110 #11500.			
SUPPLEMENTAL MAPS AND PLANS FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Branch (Plugarint)	Not identifie #93 and Bluep	11110 #11500.			
FAA Plan and Chart Sections OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Branch (Plugarint	Not identifie #93 and Bluep HOTO NUMBER (70)	OBJECT NAME	PHOTO NUMBER	OBJECT N	AME
OTHER FIELD RECORDS (Sketch books, etc. DO NOT list data submitted to the Geodesy Division) Note all field records filed in the Marine Data Branch (Plugnmint)	Not identifie #93 and Bluep HOTO NUMBER (70)	OBJECT NAME REPORT NONE	PHOTO NUMBER	OBJECT N	AME
Note all field records filed in the Marine Data Branch (R) worming	Not identifie #93 and Bluep HOTO NUMBER (70) GEOGRAPHIC NAMES: SUPPLEMENTAL MAPS A	OBJECT NAME OBJECT NAME REPORT NONE	PHOTO NUMBER	OBJECT N	AME
Note all field records filed in the Marine Data Branch (R) worming	Not identifie #93 and Bluep HOTO NUMBER (70) GEOGRAPHIC NAMES: SUPPLEMENTAL MAPS A	OBJECT NAME OBJECT NAME REPORT NONE	PHOTO NUMBER	OBJECT N	AME
#77588 and Chart Letter #0367317	Not identifie #93 and Bluep HOTO NUMBER (70) GEOGRAPHIC NAMES: SUPPLEMENTAL MAPS A FAA Plan and (OBJECT NAME REPORT NONE IND PLANS Chart Sections	PHOTO NUMBER 6. BOUNDARY AND	OBJECT N	AME
	Not identifie #93 and Bluep HOTO NUMBER (10) GEOGRAPHIC NAMES: SUPPLEMENTAL MAPS A FAA Plan and (OTHER FIELD RECORDS	OBJECT NAME REPORT NONE ND PLANS Chart Sections (Sketch books, etc. DO NOT list data submitted)	6. BOUNDARY AND	OBJECT N D LIMITS: REPORT	AME T NONE

ESSA FORM	76-36d				II S DEDADTME	A)
E33A FORM (2-70)	/v-30d		ENVIF	RONMENTAL SC	HENCE SERVICES	NT OF COMMERCE ADMINISTRATION EODETIC SURVEY
		RECO	RD OF SURVEY USE			
. MANUSCI	RIPT COPIES					
	CO	MPILATION STAGE	S		DATE MANUSCRI	PT FORWARDED
	ATA COMPILED	DATE	REMARKS		MARINE CHARTS	HYDRO SUPPORT
Plan	nimetry	9/21/70	No advance Marine Char			[napplicab]
					,	
	ARKS AND AIDS TO HAVIGA					
I. REPO	ORTS TO MARINE CHART D	IVISION, NAUTICAL	DATA BRANCH			
NUMBER	CHART LETTER NUMBER ASSIGNED	DATE FORWARDED		REMA	RK3	
		Inapplica	ble			
				·		
				~		
3, 📋	REPORT TO MARINE CHAR REPORT TO AERONAUTICA	L CHART DIVISION	PILOT BRANCH. DATE I, AERONAUTICAL DATA	FORWARDED: SECTION. DA	Inapplic TE FORWARDED:	
III. FEDER	RAL RECORDS CENTER DA	TA				İ
1. [X]	BRIDGING PHOTOGRAPHS;	DUPLICATE	BRIDGING REPORT;	COMPUTER	READOUTS.	
	CONTROL STATION IDENT					
	SOURCE DATA (except for (ACCOUNT FOR EXCEPTIO		eport) AS LISTED IN SEC	TION II, ESSA F	ORM 76-36C.	
	DATA TO FEDERAL RECO				3, 1970	
IV. SURVE	Y REVISION (This section s	JOB NUMBE				
FIRST REVISION	TP -	(2) PH -	TELD EDIT			
	SURVEY NUMBER	JOB NUMBE	ER REMA	RKS		
SECOND REVISION		(3) PH-	TELD EDIT			
<u></u>	SURVEY NUMBER	JOB NUMBE	R REMA	RKS	<u> </u>	
THIRD REVISION	TP . DATE OF PHOTOGRAP	(4) PH -	TELD FOIT			

ESSA FORM 76-36D

USCOMM-DC 46200-P70





Official Mileage for Cost Accounts

Sheet No.-Area Sq.Mi.

T-13416 T-13417

Total 10

JOB PH-7009 WAKE ISLAND CHART TOPOGRAPHY SCALE 1:3,500&1:15,000

Summary T-11316 and T-11317

These maps provide a new base for Nautical Chart 4195 - covering Wake, Wilkes and Peale Islands.

Control for aerotriangulation consisted of 5 office identified triangulation stations. All stations held within accuracy requirements and the bridge provided adequate control for compilation.

Field work consisted of cursory chart inspections by a tide observation party during the period December 1968 through January 1970. The field data is comprised of annotated copies of an FAA Plan, chart sections, and Forms 567. Data application as a guide in selecting features to be delineated from the photographs were utilized by the compiler. Data requiring application by transfer from the FAA Plan and the chart sections will be applied by the chart compiler.

The photography was found to be generally poor for compilation purposes (refer to Item 31 of the Compilation Report). The inadequacies in photography and field work called to the attention of the Marine Chart Divison. The maps were accepted as adequate for charting purposes.

D. J. Blankenbaker

June 22, 1970

21. Area Covered

This project covered Chart #4195, Wake Island, N. W. Pacific Islands.

22. Method

Three models (006 through 009) were bridged on the C-8 stereoplanigraph to provide basic control for the construction of a new chart of the area. Three horizontal points were used to control the adjustment with two points as checks. Additional points were selected to enable the compilation office to complete model 009-010.

23. Adequacy of Control

Although many control stations existed on the Island, only five stations could be identified with any certainty by office identification methods. All five stations held within accuracy requirements.

24. Supplemental Data

None

25. Photography

1964 U. S. Navy photography was used for the project. Excessive tip was noted in flight 006-010, however this did not impair bridging operations. Coverage, overlap and definition was adequate.

Submitted by,

John D. Perrow, Jr.

Approved by,

Henry P. Eichert

Chief, Aerotriangulation

Section

Sce following page)

19021000 19017/4011 7-13416

JOB PH-7009
WAKE ISLAND
CHART TOPOGRAPHY
SCALE 1:3,500 & 1:15,000



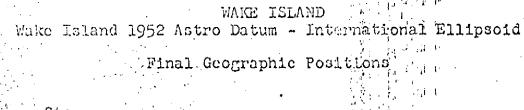


ENVIRONMENTAL SCIENCE SERVICES (RATION COAST AND GENERAL SURVEY

DESCRIPTIVE REPORT CONTROL RECORD

) 1 1 1			r CONTROL RECORD	
MAP T- 13410 PROJECT NO.	r NO. FR-1009	SCALE	OF MAP 1:10,000	SCALE FACTOR
STATION	SOURCE OF INFORMATION (INDEX)	ОАТИМ	LATITUDE OR Y COORDINATE. LONGITUDE OR X COORDINATE	N.A. 1927 - DATUM DISTANCE FROM GRID OR PROJECTION LINE IN METERS (1 Ft. = 3048006 meter) FORWARD (BACK)
WAKE ISLAND AIRPORT BEACON, 1964	Form C&GS-6355 and IBM Read-	Astro 1952	19° 16' 37.384" 166°38' 53.864"	
VORTAC "AWK" 1964	ano	=	19°17' 56.827"	
(TANK) ANO, 1958	Tabulation Seedetic I	+ 1'	1 1	
· · · · · · · · · · · · · · · · · · ·	oi & & IBM Read		· · · · · · · · · · · · · · · · · · ·	
RADIO TOWER NAVOCEANO, 1958		# 1 m	19°18' 15.67" 166°38' 12.97"	employed to the second of the
TANK NAVOCEANO, 1958	п	. =	19°17' 15.96" 166°37' 01.16"	
		!		
				8A
		<u> </u>		
SMPUTED BY	DATE		CHECKED BY	DATE





No.	Latitude	East Longitude
(1) A	19° 16' 37".41001	166° 38' 53.87000 X
2	19 17 19.98858	.166 38 46.29167 ×
→37)	19 17 15.96344	166 37 01.16507 ×
(T)A	19 18 04.89798	166 38 09.42298 X
(57) A	19 18 12.87457	✓ 166 37 22.61334 [≺]
$\rightarrow 67$	19 17 26.16789	166 36 39.61351 ×
7	19-18_12.88190	166 37 22.58380 ^X

Numerical Index

Sta.	
No.	Station Name
A 1	TOWER (USNHO)
2	STA 3 (USE) 🧭
& 3	TANK (USNHO)
A 4V	SHOP / SHOP
B 5	FLIPPER (
A 6	WILKES ·
7	STA 7 (USE)

Compilation Report T-13416

This survey was compiled to furnish a new base for Chart 4195 (formerly H.O. 6034).

31. Delineation

0

The Wild B-8 stereoscopic instrument was used to compile this manuscript.

The only photography available for this area was inadequate for compilation. These photos were badly tipped and the imagery was fuzzy.

32. Control

Refer to the Photogrammetric Plot Report.

The identification, density and placement of horizontal control was adequate.

The water level was sufficient to control the stereoscopic models vertically.

33. Supplemental Data

Chart Letter 93 (70) and Blueprint 77588 with chart inspection notes for the revision of Chart 4195.

Due to the difference in the time between the photography (1964) and the supplemental data (1970), not all of the data could be applied to the T-sheet. The Nautical Chart Branch will add these few details to Chart 4195 at the time of reconstruction.

34. Contours and Drainage

Contours - contours were not compiled due to the poor quality of the photography.

Drainage - all drainage on this manuscript is from office interpretation of the photographs.

35. Shoreline and Alongshore Details

There was no shoreline inspection. Shoreline was delineated from office interpretation of the photographs. The breakerline was compiled as the approximate MLLW line. It was impossible to compile map detail in between the MHW line and the MLLW line.

36. Offshore Details

No comment.

37. Landmarks and Aids

All landmarks and fixed aids to navigation field data will be applied to a copy of the manuscript by the Chart Compiler for use in charting.

Two mooring buoys visible on the photography were compiled.

38. Control for Future Surveys

No Form 524 submitted.

39. Junctions

Junction has been made with T-13417, scale 1:3,500, which falls in the center of this survey.

There are no contemporary surveys in the area immediately surrounding this survey.

40. Horizontal and Vertical Accuracy

No comment.

41. through 45. Not applicable.

46. Comparison with Existing Maps

Comparison has been made with Army Map Service, Corps of Engineers Wake Island Quadrangle, Sheet 7579 IV NW, Series W823, scale 1:25,000, Edition 1-AMS (AFFE) 1954.

47. Comparison with Nautical Charts

Comparison has been made with Chart No. 4195 (formerly H.O. 6034) scale 1:15,000, 1st Edition, January 1969.

Items to be applied to Nautical Charts immediately: None

Items to be carried forward: None

Respectfully submitted,

Edward L. Rolle

Cartographer

Approved and forwarded,

H. R. Brooks

Chief, Revision Surveys

Section





PHOTOGRAMMETRIC OFFICE REVIEW T- 13416

	1. Projection and grids2. Title3. Manuscript numbers4. Manuscript size
-	CONTROL STATIONS
	5. Horizontal control stations of third-order or higher accuracy6. Recoverable horizontal stations of less
_	than third-order accuracy (topographic stations)
	9. Plotting of sextant fixes X_10. Photogrammetric plot report 11. Detail points
,	
	ALONGSHORE AREAS
	(Nautical Chart Data)
•	12. Shoreline13. Low-water line14. Rocks, shoals, etc15. Bridges16. Aids
	to navigation17. Landmarks *18. Other alongshore physical features19. Other along-
	shore cultural features
•	
	PHYSICAL FEATURES
	20. Water features 21. Natural ground cover X 22. Planetable contours X 23. Stereoscopic
	instrument contours 24. Contours in general 25. Spot elevations 26. Other physical
1	features
	CULTURAL FEATURES
	27. Roads 28. Buildings 29. Railroads 30. Other cultural features
	BOUNDARIES
	31. Boundary linesX32. Public land linesX
. *	
٠.	MISCELLANEOUS
	33. Geographic names 34. Junctions 35. Legibility of the manuscript 36. Discrepancy
	overlay37. Descriptive Report 38. Field inspection photographs 39. Forms
	40. Collected A. Mottle Hatala K. Brooks Reviewer Supervisor, Review Section or Unit
	Reviewer Supervisor, Review Section of Cities
	41. Remarks (see attached sheet)
	FIELD COMPLETION ADDITIONS AND CORRECTIONS TO THE MANUSCRIPT
)	42. Additions and corrections furnished by the field completion survey have been applied to the manuscript. The
′	manuscript is now complete except as noted under item 43.
,	Compiler Supervisor
	43 Ramarks: White the Manager

Review Report T-11316 and T-11317

61. General Statement

Inadequacies in photography and field work are outlined in the Descriptive Report Summary.

62. Comparison with Registered Topographic Surveys

Inapplicable

M

◍

63. Comparison with Maps of Other Agencies

Wake Island Quad (AMS) 1:25,000 1954

No significant differences were noted. Much of the cultural information on the quadrangle is out dated.

- 64. Comparison with Contemporary Hydrographic Surveys
 Inapplicable
- 65. Comparison with Nautical Charts

Chart No. 4195 1:15,000 1st Edition, Jan. 20, 1969

No significant differences were noted.

66. Adequacy of Results and Future Surveys

The maps have been accepted for charting purposes; however, new photography and a thorough field inspection will be necessary to ensure compliance with National Standards of Map Accuracy and Bureau requirements.

Reviewed by,

S. G. Blankenbaker

Approved by,

Chief, Photogrammetric Branch

Chief, Photogrammetry Division

October 21, 1971

GEOGRAPHIC NAMES

FINAL NAME SHEET

PH-7009 (Wake Island) T-13416

Flipper Point

Heel Point

Kuku Point

Peacock Point

Peale Island

Toki Point

Wake Island Airport

Wilkes Island

Approved by:

A. J. Wraight

Chief Geographer

Prepared by:

Frank W. Pifkett

Cartographic Technician