

G10-30.112,

A SUMMARY OF MAJOR FEDERAL
AGENCY LAND HOLDINGS IN THE
TERRITORY OF GUAM

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**Coastal Management Section
Bureau of Planning
Agana, Guam**

January, 1977

**BUREAU OF PLANNING
GOVERNMENT OF GUAM
P.O. BOX 2950
AGANA, GUAM 96910**

I. INTRODUCTION

This report has been developed in response to requirements of Sections 304(a) and 305(b)(1) of the Coastal Zone Management Act of 1972:

- 304 (a) "Excluded from the coastal zone are lands the use of which is by law subject solely to the discretion of or which is held in trust by the Federal Government, its officers or agents."
- 305(b)(1) "Such management program shall include an identification of the coastal zone boundaries subject to the management program."

Although Federal lands are technically excluded from the provisions of the Coastal Zone Management Act, actions upon these lands judged to have a "spillover" impact upon adjoining areas identified as Guam's coastal zone must be "consistent" with the objectives of the approved territorial CZM Program.

Previous studies have been carried out by the Department of Land Management (GovGuam), and the U.S. Navy concerning an extent of Federal lands. Comparisons of the two reports indicated certain discrepancies which this study attempts to resolve.

A. Objectives

- 1) To identify federally owned or controlled lands on Guam in order to determine the boundaries of Guam's coastal zone.
- 2) To provide Federal and local offices an up-to-date summary of Federal land holdings, identifying as accurately as possible supporting data which would be of use in land and water use planning.
- 3) To establish a mechanism for Federal and local agency review and comment on major CZM products, reports and program development.

B. Organization

This report is divided into four (4) sections as follows:

- I. Introduction, Objective, Organization, Methodology, Acknowledgements.
- II. Patterns of Federal Land Ownership (Summary Table) 1976.
- III. Summary of Major Federal Agency Land Holdings:

This section is the main part of the report indicating:

- (1) Map Code: The parcel number of the area appearing on the 1:25,000 scale key map.
- (2) Document: Indicates the specific document or drawing from which data was obtained.
- (3) Place Name: The name of the installation.
- (4) Location: Municipality where place name is located.
- (5) Agency Responsible: Indicates what agency controls subject area.
- (6) Area: Indicates size of parcel in square meters and acres.
- (7) Use: A general description of the area's use.
- (8) Grid Number: Indicates general location of area according to Uniform Grid System's grid identifier.
- (9) Remarks: As far as possible indicates method of acquisition and changes to the parcel in question subsequent to acquisition.

IV. Appendix: Supporting material used in the preparation of this report.

C. Methodology

Approach to the task included:

- 1) Research of all pertinent studies, reports and documents in the Bureau of Planning and related local agencies (1 mm).*
- 2) Extensive interviews with locally-based Federal officials, map compilation (1.5 mm).
- 3) Draft summary of findings (1 mm).
- 4) Revision of draft summary for mailing to all Federal offices involved (2 mm).
- 5) Mailing of pre-final summary to appropriate agencies for comments (1 mm).
- 6) Revision of pre-final according to comment received (3 mm).
- 7) Mailing of follow-up letters to agencies not responding within 90 days (05 mm).
- 8) Final revision and final document preparation (2 mm).
- 9) Drafting of 1:25,000 map delineating boundaries.

* mm = man months

C. Acknowledgements

The Bureau of Planning's Coastal Management Section would like to thank the now non-operational Navy Real Estate Office for the time and effort required to supply the reproducible maps for the majority of Navy and Air Force Lands on Guam. Special thanks goes to all agencies, Federal and local, that spent the time to review this document for accuracy.

Alexander C. Chan, planner with the Bureau of Planning was responsible for the research in the preparation of this report. David A. Bonvouloir was the program coordinator.

E. Map Note

A map for identified Federal lands has been prepared on the 1:25,000 scale base map mylar reproducible and is available at the Bureau of Planning, 4th floor, PDN Building. Arrangements should be made in advance by contracting the Bureau of Planning, telephone 477-9639/9502 or 472-8711.

II. PATTERNS OF FEDERAL LAND OWNERSHIP (SUMMARY TABLE) 1976

<u>Agency</u>	<u>Acres</u>	<u>Square Meters</u>	<u>% of Federal Land Held</u>	<u>Estimate % of Total Land Area ²</u>
A. Military				
Air Force	20,,544.54	83,142,605	46.1%	15.1%
Navy	22,069.24	89,313,021	49.5%	16.3%
Coast Guard	71.99	291,340	.2%	.05%
Subtotal:	42,685.77	172,746,966	95.8%	31.45%
B. Non-Military (Federal)				
FAA	833.18	3,371,812	1.9%	.6%
Department of Interior	988.66	4,001,066	2.3%	.7%
Subtotal:	1,821.84	7,372,878	4.2%	1.3%
Grand Total (A&B) ³	3,643.68 44,507.61	1,801,198.44 180,119,844	100.%	32.75%

*1 Total areas do not include submerged lands adjacent to property owned by the U.S.

*2 Assuming total acreage approximately 212 square miles x 640 acres/square miles, (calculated with acreage totals).

*3 Differences in conversion factors used account for approximately 5% error in acre/square meter comparison.

= 135,680 acres

III. SUMMARY OF FEDERAL AGENCY LAND HOLDINGS
TERRITORY OF GUAM
JANUARY, 1977

MAP CODE	DOCUMENT	PLACE NAME	LOCATION	AGENCY RESPONSIBLE
1	Y&D DWG # 737254 & 1069486 (RESM)	Ritidian Communication Area (U.S. Naval Facility)	Dededo - Yigo ✓	NAVY
2	Y&D DWG # 597-464	Northwest Guam Air Force Base	Dededo - Yigo ✓	AIR FORCE
3	NAV FAC DWG # 1268476	Tarague natural wells (area #25)	Yigo - Dededo ✓	AIR FORCE
4	NAV FAC DWG # 1268475	Andersen Air Force Base (area #46)	Yigo	AIR FORCE
5A)	NAV FAC DWG # 1268676	Naval Communication Station (R) Finegayan "A"	Dededo ✓	NAVY
B)		"B"	Dededo ✓	NAVY

AREA	USE	GRID NUMBER	REMARKS
1,345,772.04 S.M. 332.546 acres	Terminal equipment building, warehouses, Administration Building, communication antennas and miscellaneous support building.	6L69	1) 602,321.00 S.M. or 148,836 acres acquired by Civil No. 29-62, Y&D DWG #737254. 2) 743,451.04 S.M. or 183.71 acres comprising the 182.4 acres & 1.3 acres of access road within NW Field. Air Force transferred to Navy, classified Ltr. of 3/24/58 (previously under "permit" use).
17,719,143.61 S.M., 4,378.40 acres	Radar installation storage	6L65	Original area = 18,462,594.65 S.M. or 4,562.11 acres as shown in Y&D DWG #597-464 later 743,451.04 S.M. or 183.71 acres comprising the 182.4 acres & 1.3 acres of access road within NW Field transferred to Navy under classified Ltr. of 3/24/58.
19,726,401.50 S.M. 4,874.39 acres	Fresh Water Source	6R65 7L65	
24,980,350.13 S.M. 6,172.64 acres	Housing Administrative Building, Air Field, Commissary, Air Force Headquarter, storage	7L61 7R61	
2,799,123.11 S.M. 691.67555 acres	Antennas field, receiver site, housing areas.	5R61 6L61	
9,659,925.55 S.M. 2,387.00981 acres 12,459,048.66 S.M. 3,078.68536 acres	Maintenance and Administrative Buildings.	5R57 5R61	

MAP CODE	DOCUMENT	PLACE NAME	LOCATION	AGENCY RESPONSIBLE
6	Y&D DWG # 556-711	Aviation Gas, Tank Farm #12	Dededo ✓	AIR FORCE
7	APWO DWG # 11551 & Y&D DWG # 1069308 (RESM)	FAA Site (Naval Radio Station (R) Finegayan)	Dededo ✓	FAA
8	Y&D DWG # 737129 & Y&D DWG # 1,069,308 (RESM)	Air Force Global Communication Station (R) Finegayan Area 16A	Dededo ✓	AIR FORCE
9	Y&D DWG # 1001898	A) Tanguisson Point Power Plant & B) NCS Beach	Dededo ✓	NAVY

AREA	USE	GRID NUMBER	REMARKS
78,317.00 S.M. 19.352 acres	Gas Storage	6L61	
3,198,923.00 S.M. 790.467 acres	Headquarter, primary electronic control station, housing, radio station and air ground and control of navigation.	5R61	1) See Attachment 6 2) U.S. Weather Station in site area=18,564.67 S.M., 4.587 acres (weather station, septic tank, quonset, water valve).
3,513,893.00 S.M. 868.283 acres	Communications facility and antennas field, receiver site.	5R57 5R61	(Andersen Communication receiver) transferred Ltr. dated 5/4/60, Navy to Air Force.
A) 108,922.37 S.M. 26.92 acres B) 69,255.01 S.M. 17.1132 acres Total: 178,177.38 S.M. 44.0284 acres	A) Power Plant (joint use) B) Outdoor recreational area	5L57	Original area for Tanguisson Power Plant and NCS Beach is 182,405.55 S.M. or 45.0732 acres (Y&D DWG #1001898). But 1.0448 acres or 4,228.17 S.M. within parcel, transferred to GovGuam (GPA for power for power plant) by deed dated 9/3/70, Dept. of Land Management instrument # 96732. Access and utility R/W to area under permit from Air Force to Navy Beach is now being use by public. See NAV FAC DWG # 127269 for Tanguisson Power Plant increment #2.

MAP CODE	DOCUMENT	PLACE NAME	LOCATION	AGENCY RESPONSIBLE
10	NAV FAC DWG# 1268677	Andersen Air Force Base "A" "B"	Dededo ✓	AIR FORCE AIR FORCE
11	Y&D DWG # 737178	Tumon Maui Well Water Tunnel	Tamuning ✓	AIR FORCE
12	Y&D DWG # 475-750 & MA DWG # 10337	Mt. Barrigada V.H.F. Station site (area #69)	Barrigada-	NAVY
13	DOC: 77898 quitclaim deed	Lot No. 7133	Yigo ✓	Dept. of Interior
14		AAFB Sump	Yigo ✓	AIR FORCE
15	DOC: 37496	AACS Radio Range	Dededo ✓	AIR FORCE

AREA	USE	GRID NUMBER	REMARKS
3,321,869.97 S.M. 820.8340 acres 512,307.75 S.M. 126.5935 acres Total: 3,834,177.72 S.M. 947.4252 acres		5L57 5R57 5R57	Marbo Engineering Depot (part) Marbo Engineering Depot (part)
30,332.00 S.M. 7.4950 acres 14,468.86 S.M. 3.57525 acres 44,800.86 S.M. 11.07039 acres	Water Storage Water Storage	5L53	
3716.12 S.M. .918 acres	VHF Area	5R53	Navy has revocable use permit of area together with access DW Road "G".
185,867.72 S.M. 45.93 acres		6R61	No Survey Data
Negligible		7L61	No Survey Data
92,794.80 S.M. 22.93 acres	Radio Beacon	5R57 6L57	

MAP CODE	DOCUMENT	PLACE NAME	LOCATION	AGENCY RESPONSIBLE
16	Y&D DWG # 683217	Air Force areas "A" "B" "C" (Mt. Santa Rosa)	Yigo ✓	AIR FORCE
17	MA DWG # 10758 10759	Air Force Mt. Santa Rosa Reservoir Site Overflow basin Drain and overflow line Water line R/W	Yigo ✓	AIR FORCE
18A) B) C)	NAV FAC DWG# 1268581	Andersen So. AFB (Marbo Base Command) "A" "B" "C"	Mangilao ✓ Dededo ✓ Yigo ✓	AIR FORCE

AREA	USE	GRID NUMBER	REMARKS
22,325.00 S.M. 5.52 acres 38,778.00 S.M. 9.58 acres 24,117.72 S.M. 5.96 acres <u>Total:</u> 85,220.72 S.M. 21.06 acres	Long-range radar 2 remote communication air ground facilities. Joint use - FAA. Located in Mount Santa Rosa (Air Force land).	7L57	Access road to area A.B.C. transferred to GovGuam, Ser. 1282, April 8, 1970.
5,205.00 S.M. 1.29 acres 7,186.00 S.M. 1.776 acres 1,728.25 S.M. .427 acres 10,120 S.M. 2.501 acres <u>Total:</u> 24,059.25 S.M. 5.944 acres	Water Storage	7L57	
125,170.85 S.M. 30.9297 acres 8,148,560.38 S.M. 2013.5092 acres 1,598,903.214 S.M. 395.0889 acres <u>Total:</u> 9,872,634.44 S.M. 2439.5278 acres	War Dog Cemetery Water Well Andersen Administration Housing Area Water Wells Power Plant Exchange Warehouses	6L53 6L53 6R53 6L53 6R53	

MAP CODE	DOCUMENT	PLACE NAME	LOCATION	AGENCY RESPONSIBLE
19	MA DWG # 10456	Sewer Disposal area. (Former Marbo base command area)	Mangilao /	AIR FORCE
20	Y&D DWG # 524-082	Andersen Air Force Base AV Gas Tank Farm	Dededo /	AIR FORCE
21	Y&D DWG # 683-257	Harmon Field Quarry	Dededo /	AIR FORCE
22	Y&D DWG # 702-230 & Y&D DWG # 1069470	Harmon sink and Pit No. 2	Tamuning /	NAVY
23	Y&D DWG # 737577	Clear zone runway 24 right. NAS Agana		
1)		Part 1	Barrigada /	NAVY
2)		Part 2		
3)		Part 3		

AREA	USE	GRID NUMBER	REMARKS
20126.00 S.M. 4.97313 acres	Sewage Disposal	6L53	Access road to area.
56,914.00 S.M. 14.06 acres	Gas Storage	5R53	Y&D 702181 shows AV Gas fuel system. AAFB to NAS Agana (easement).
93,118.55 S.M. 23.01 acres	Andersen Quarry Annex	5R53	
95,175.00 S.M. 23.518 acres 16,536.00 S.M. 4,086 acres <u>Total:</u> 111,711.00 S.M. 27.604 acres	Storm Drainage System	5L53	1) Document shows storm drainage system from NAS Agana to Harmon sink. 2) Document indicates location of ditches. (Area #2). 3) Navy has perpetual easement (fee) for storm drainages.
- 482,009.00 S.M. 119.107 acres 5,234.00 S.M. 1,293 acres 40,879.00 S.M. 10.101 acres <u>Total:</u> 528,122.00 S.M. 130,501 acres	Air Field	5R53	Parts 1,2, and 3 are fee acquisition. Part 4,5, and 6 are easement acquisition. Part 4 area = 223758.00 S.M. 5.624 acres. Part 5 area = 13,488.00 S.M. 3.333 acres. Part 6 area = 628,079.00 S.M. 155.201 acres Y&D DWG #903-195 shows Real Estate requirements for flight clearance.

MAP CODE	DOCUMENT	PLACE NAME	LOCATION	AGENCY RESPONSIBLE
24	NAV FAC DWG# 1268580	Radio Barrigada "A" "B" "C"	Barrigada / Mangilao /	NAVY
25	NAV FAC DWG# 1268586	Naval Air Station	Barrigada /	NAVY
26	MA DWG# 10397 & MA DWG# 6529	Aceorp Maui Well	Tamuning /	NAVY
27	Y&D DWG# 1001108	U.S. Coast Guard Section Marianas	Barrigada /	U.S. Coast Guard

AREA	USE	GRID NUMBER	REMARKS
8,020,644.93 S.M. 1981.93641 acres 287,351.70 S.M. 71.00588 acres 293,075.11 S.M. 72.42014 acres Total: 8,601,071.83 S.M. 2125.36243 acres	Transmitter station antennas field, Navy Golf Course.	5L49 5R49 6L49	1) 25.36 acres lease USA to RCA for antenna Farm 2) Perpetual easement for off-site drainage system. (USA to GovGuam (NOY(R)-68872) 10.3 acres.
7,087,409.85 S.M. 1751.3299 acres	Two runways operational. Administrative and supply activities. En- listed men's quarters and related personnel support facilities. BOQ's, officers and en- listed housing and a few miscellaneous oper- ational and personnel support activities. (Civil aircraft utilize the runways jointly with the Navy. (Joint- Use Agreement)	4R49 5L49 5L53	7.5 acre portion of NAS Agana, which is in the process of being transferred to the U.S. Postal Service.
24,179 S.M. 5,97474 acres	Water Storage (inactive)	4R53	Original area 32,996 S.M. (MA DWG#10397), later trans- ferred to GovGuam, Tamuning Telephone Exchange is within this well area.
37,286.54 S.M. 9.2137 acres	Coast Guard Command Facilities Air Detachment area	5L49	

MAP CODE	DOCUMENT	PLACE NAME	LOCATION	AGENCY RESPONSIBLE
28	Y&D DWG# 903-194 & 1069470 (RESM)	Clear Zone runway 6 left.	Mongmong-Toto-Maite ✓	NAVY
29	Y&D DWG# 1118265 LM DWG# 61-67T 29	Navy Cemetery	Agana ✓ (Lot 2001)	NAVY
30	Y&D DWG# 737-133 1069330 (RESM)	Global Communication Station (T) Barrigada Area 15@	Barrigada ✓ (Mangilao)	AIR FORCE
31	Y&D DWG# 475741	Agana Diesel Elec- tric Generating Plant (Area #35)	Mongmong-Toto-Maite ✓	NAVY
32	Y&D DWG# 458-620 & Y&D DWG# 1103863 (RESM)	Agana Spring (Areas 72)	Sinajana ✓	NAVY

AREA	USE	GRID NUMBER	REMARKS
75,958.00 S.M. 18.769 acres	Air Field Flight clearance zone	4R49	A) Clear Zone fee acquisition area. B) Flight Clearance is easement area. Area = 25,694.00 S.M. 6.349 acres
2,996.00 S.M. 0.740 acres	Cemetery	4L49	
3,000,653.00 S.M. 741.461 acres	Communication facility and antennae field (transmitter site)	5L49 5R49	
24,059.30 S.M. 5.954 acres	Power plant with fence	4R49	2,678 S.M. outgranted to GPA for terminal end of 115KV transmission lines.
108,025.69 S.M. 24.91 acres	Provides area for study of freshwater biology by students.	4L49 4R49	DOC: 117122 license for non- federal use. U.S. Navy lease to Gov Guam, 8/4/72, the entire area outlined on the map by an AS-1 through AS-22 designation is under the auspices of the Guam Science Teachers Assn. In this five- year lease will be up for renewal in 1977.

MAP CODE	DOCUMENT	PLACE NAME	LOCATION	AGENCY RESPONSIBLE
33	HO-D-1427-2	FAA Vortac Site	ASAN ✓	FAA
34	NAV FAC DWG# 1268428	U.S. Naval Hospital (Permanent area # 2)	Agana Heights ✓	NAVY
35	Y&D DWG# 597-762	Incinerator area U.S. Naval Hospital (permanent) (L64-3)	Agana Heights ✓	NAVY
36	Y&D DWG# 475-775 & 1118264 (RESM)	Adelup Reservior area #24	Asan ✓	NAVY
37	NAV FAC DWG# 1322951	Asan Point Housing "A" (North) "B"	Asan ✓	G.S.A.

AREA	USE	GRID NUMBER	REMARKS
226,573.62 sq.ft. 21049.46 S.M. 5.2014 acres	Aeronautical Facilities antennas, minimal re- quirements to accomplish it function.	3R49	
487044.97 S.M. 120.3509 acres	Hospital and all ancil- lary activities, family housing.	4L49	
5120.23 S.M. 1.265 acres	Public Works Center, incinerating area.	4L49	
9011.00 S.M. 2.2 acres	Water Storage	3R49	
121748.56 S.M. 0.0846 acres	Leased to Government of Guam	3R49	Area A: excessed by Navy to GSA for purpose of leasing (Agree- ment to use) to Government of Guam (Dept. of Parks and Recreation). For educational and/or Recreation License for one year issued to Government of Guam.
130746.25 S.M. 32.30797 acres Total: 252494.81 S.M. 62,39257 acres	Asan Elementary School Medical Storage		Area B: 19 acres (Lot #462) leased for 25 years to Government of Guam for Elem- entary school site. NOY (R - 68880 remaining areas for medical warehouse.

MAP CODE	DOCUMENT	PLACE NAME	LOCATION	AGENCY RESPONSIBLE
38	DOC: 108908 NAV FAC DWG#	Asan Point Overlook Guam	Asan	Dept. of Interior
39	NAV FAC DWG# 1268478	Nimitz Hill Annes Naval Station (formerly command center) "A" "B" "C" "D"	Asan	NAVY
40				
41	Navy's long term lease expired June 30, 1975.			
42	Y&D DWG# 458-686	Sasa Valley Tank Farm (Area #26)	Piti	NAVY

AREA	USE	GRID NUMBER	REMARKS
66,588.22 S.M. 16.4542 acre	Site for War in the Pacific National His- torical Park.	3R49	Transferred from Navy 8/4/70. Being a portion of the U.S. Naval Hospital Annex, Asan Point (Area "A") comprising portion of Lot Nos. 436, 437 & 438.
220,158.36 S.M. 54.4021 acres 1,806,911.06 S.M. 446.4956 acres 989,981.72 S.M. 244.6288 acres 1,882.35 S.M. .4650 acres 3,018,933.49 S.M. 745.9915 acres	Public Works, contains family housing. NAVSTA used for administration community/recreational, bachelor housing pur- poses. COMNAVMAR Headquarters	3R29	
1,428,860.49 S.M. 358.078 acres	Water Storage	3L45 3L49	Reference - MA DWG# 10002 BUREAU OF PLANNING GOVERNMENT OF GUAM P.O. BOX 2950 AGANA, GUAM 96910

MAP CODE	DOCUMENT	PLACE NAME	LOCATION	AGENCY RESPONSIBLE
43	NAV FAC DWG# 1323321 1323322	Apra Harbor Reser- vation "A" "B" "C" "D" "E" "F"	Santa Rita ✓ Piti ✓ Piti ✓ Piti ✓ Piti (Cabras Island) ✓ Piti - Santa Rita ✓	NAVY NAVY NAVY NAVY NAVY

AREA	USE	GRID NUMBER	REMARKS
3142.58 S.M. 0.7765 acre		2R41	
3585265.34 S.M. 885.9348 acres	Black Oil Storage	3L45	
23615.63 S.M. 5.8355 acres		3L49	1) 5 acres required for use in connection with Piti Power Plant 2) See Y&D 702-166 proposed cutback Apra Harbor Reservation
22108.33 S.M. 5.4631 acres	USO Beach - Recreational area- parking, quarters, basketball court, general storage, dres- sing room, diving plat- form, rain shelter, etc.	3L49	APOW DWG# 11372 Hoover Park USO area-15,000 S.M. 3.7 acres Navy to Gov't of Guam - Piti Power Plant site. License for non-federal use of real property DOC: 92658 from January 70 to December 70. 800 sq. ft. of land. (to above rt. 11 and new power plant cooling channel- Cabras Island)
847,092.00 S.M. 209.3201 acres -	Commercial and indus- trial (Mobil petroleum storage) (sewage treat- ment plant).	3L49	35 ± acres out granted (Lease License Permits) to Mobil, U.S. Lines, Matson Lines and United Seamen Service for industrial purpose
19,000,726.95 S.M. 4694.915 acres Total: 23481950.83 S.M. 5802.2455 acres	Command areas, harbor facilities, wharves, supply depots, housing areas, barracks, F.O. tank farms, power plant recreational beaches and parks	2L45	Original area is 19,258,027.14 S.M. or 4758.4955 acres. 257,300.19 S.M. or 63.58 acres transferred to GovGuam by deed dated 3/29/76 (DOC: 268358) 1) for (GPA) Cabras Island Power Plant- (33.33 acres) and; 2) GPA fuel tank farm (30.25 acres).

MAP CODE	DOCUMENT	PLACE NAME	LOCATION	AGENCY RESPONSIBLE
44	Y&D DWG# 1015410	U.S. Coast Guard Loran Station	Santa Rita ✓	U.S. Coast Guard
45	Y&D DWG# 1015409	U.S. Coast Guard Buoy Depot	Santa Rita ✓	U.S. Coast Guard
46	NAV FAC DWG# 1268582	Apra Heights Housing "A" "B"	Santa Rita ✓	NAVY
47	NAV FAC DWG# 1268583	Naval Magazine "A" "B"	Santa Rita ✓ Agat-Santa Rita ✓	NAVY

AREA	USE	GRID NUMBER	REMARKS
201,641.0. S.M. 49,8264 acres		2L45	
52,412.49 S.M. 12.9514 acres (Parcel 1)		2R45	Parcel 1 is a transfer (U.S. Coast Guard) Parcel 2 is license to use (1964). Area: 3,188.95 S.M. 0.7880 acres Additional area of 0.97 acres adjacent to Parcel 1, license to use (1976 to 1981)
51,106.93 S.M. 12.6287 acres 865,349.91 S. M. 213,8318 acres Total: 916,456.84 S.M. 226.4605 acres	Housing Area	2R41 3L41	
- 859,085.11 S.M. 212.2837 acres 24,634,500.86 S.M. 6087.2928 acres Total: 25,493,585.97 S.M. 6299.5765 acres	Ammunition Storage PWC water treatment and water storage PWC Housing, NAVMAG Administration (Fena Valley Reservoir)	3141 3R41 3L37 3R37	30 ± acres within "A" leased to GovGuam for Agat-Santa Rita School (NOY (R)-68869, dated 9/15/74 for 25 years)

MAP CODE	DOCUMENT	PLACE NAME	LOCATION	AGENCY RESPONSIBLE
48	Y&D DWG# 475-773	C.A.A. Site (area #90)	Yona ✓	F.A.A.
49	Y&D DWG# 458-654	Fena Valley watershed area #22	Agat Talofofo ✓	NAVY
50	Y&D DWG# 475716	(Former U.S. Coast Guard Loran Station Cocos Island area #29 NAVSTA Recreation area, Cocos Island)	Merizo ✓	NAVY USCG LORAN Sta- tion Cocos Is- land transferred to Navy in 1966.
51	Y&D DWG# 1015408	NASA Apollo Track- ing Station. Dandan area	Inarajan ✓	Private lease to NASA
52	DOC: 115867 Quit claim deed	Lot #259	Piti ✓	Dept. of Interior
53	DOC: 115867 Quit claim deed	Lot #260	Piti ✓	Dept. of Interior
54	DOC: 115867	Mt. Tenjo	Piti ✓	Dept. of Interior

AREA	USE	GRID NUMBER	REMARKS
151839.04 S.M. 37.52	Low frequency radar aeronautical facilities Mineral requirement to accomplish its function	4L41	
3581498.73. S.M. 885.004 acres	Fena Valley Reservoir & watershed area.	2R33 3L33	
87.817.14 S.M. 21.70 acres	Picnic, swimming snorkeling, scuba diving, fishing	2L25	Under no-cost (5year) License to Government of Guam from U.S. Navy NOY (R)-68893 April 1975-1980
13319553.16 S.M. 3291.3201 acres	Apollo tracking station access road, collimation tower, cable easement, etc.	4L33	Parcels 1,2,3,4,6, of Dandan Estate Lot "B"
354678.00 S.M. 87.6 acres	War in the Pacific National Historic Park	3R49	LM DWG# E4-70T 668 & 9
40317.00 S.M. 9.96 acres	War in the Pacific National Historic Park	3R49	LM DWG# E4-70T 668 & 9
809374.60 S.M. 200 acres	War in the Pacific National Historic Park	3L45 3R45	LM DWG# E4-70T 668 & 9

MAP CODE	DOCUMENT	PLACE NAME	LOCATION	AGENCY RESPONSIBLE
55	DOC: 115867 Quit claim deed	194-2-1	Agat ✓	Dept. of Interior
56	DOC: 108908 Land transfer	Nimitz Beach	Agat ✓	Dept. of Interior
57	DOC: 108908 Land transfer PWC DWG#12440 Y&D DWG# 1118110 Ltr. of transfer dated 5/27/63 SECNAV TO SECINT	Pedro C. Santos Memorial Park (Hoover Park)	Piti ✓	Dept. of
58	DOC: 108908 Land transfer Y&D DWG# 1069075 (RESM)	Asan Point Tank Farm	Asan ✓	Dept. of Interior
59	DOC: 94353 Quit claim deed	443 Part 2	Agat ✓	Dept. of Interior

AREA	USE	GRID NUMBER	REMARKS
13,293.67 S.M. 3.3 acres	War in the Pacific National Historic Park (Recreational area beach)	2L37 2R37	LM DWG# E4-70T 668 & 9
48,523.33 S.M. 11.99033 acres	Inclusion in the war in the Pacific National Park. Recrea- tional area - boating facilities, camping, picnic, scuba diving, swimming, snorkeling	2L37 2R37	1) Y&D DWG #458-612 2) Parks and Recreation of GovGuam indicate Interior owned only 7 acres
25,793.20 S.M. 6.3736 acres	Basketball, parking snorkeling and swimming	3L49	1) Also called Bill Daniel Park (part of Hoover Park) 2) Y&D DWG #857-448 proposed cut back for Apra Harbor Reservation excess property area 13,109.00 S.M. 3.239 acres
167,378.67 S.M. 41.36 acres		3R49	Transfer from Navy 5/27/63 LM DWG #E4-70T 699
12,900 sq.ft. 1,199.29 S.M. .296 acres	War in the Pacific National Historic Park Recreational area, beach activities.	2L37 2R37	LM DWG #E4-70t 699

MAP CODE	DOCUMENT	PLACE NAME	LOCATION	AGENCY RESPONSIBLE
60	DOC: 94353 Quit claim deed	443 Part 1-R4	Agat ✓	Dept. of Interior
61	DOC: 94353 Quit claim deed	446	Agat ✓ Santa Rita	Dept. of Interior
62	DOC: 94353 Quit claim deed	499 (Asan Ridge Battle Area)	Asan ✓	Dept. of Interior
63	DOC: 94353 Quit claim deed	497-1 (Asan Ridge Battle Area)	Asan ✓	Dept. of Interior
64	DOC: 115867	497R-1 (Asan Ridge Area)	Asan ✓	Dept. of Interior
65	DOC: 108908	Apra Harbor Reservation (situated at the Intersection North-east of Rt. #1 and Rt. #6).	Piti ✓	Dept. of Interior

AREA	USE	GRID NUMBER	REMARKS
293,807 sq.ft. 27,295.67 S.M. 6.745 acres	War in the Pacific National Historic Park No activities in this area.	2L37 2R37	Part of Agat- Sumay Memorial Park. LM DWG #E4-70T 699
639,056.12 S.M. 157.9 acres	War in the Pacific National Historic Park	2L37 2R37	LM DWG #E4-70T 669 Part of Mt. Alifan Battle site (national parks service).
1,181,529.97 S.M. 291.96 acres	War in the Pacific National Historic Park	3R49	LM DWG #E4-70T 688 letter from Interior indicates they own area of 297.3 acres.
205,328.00 S.M. 50.7 acres	War in the Pacific National Historic Park	3R49	LM DWG #E4-70T 668
170,064.51 S.M. 42 acres	War in the Pacific National Historic Park	3R49	
64,778.00 S.M. 16.008 acres		3L49	1) Y&D DWG #702-166 proposed transfer to GovGuam. 2) NAV FAC #132332 GovGuam, Dept of Education. 3) DOC: 108908 Land transfer from Secretary of Defense to Interior.

MAP CODE	DOCUMENT	PLACE NAME	LOCATION	AGENCY RESPONSIBLE
66	Public Law 93-435; 88 Stat. - 1210 NAV FAC DWG# 7009862	All submerged lands adjacent to proper- ty owned by the U.S. Above the line mean high tide.	Adjacent to proper- ty owned by the U.S.	U.S.

AREA	USE	GRID NUMBER	REMARKS
			For more detail please refer to public law. Presential Proclamation 4347 of 2/1/75, reserved to USA and placed under the administration jurisdiction of the Navy: a) Submerged lands of inner outer Apra Harbor b) Submerged lands in the vicinity of Jinapsan Beach and Uruno Point.

APPENDIX 1: CONVERSION FACTORS USED FOR THIS REPORT

CONVERSION FACTORS

Linear - Area

L I N E A R

UNITS	CENTIMETERS	METERS	KILOMETERS	INCHES	FEET	MILES
centimeter	1	0.01	0.00001	0.39370	0.032808	0.5/062137
meter	100	1	0.001	39.37	3.28083	0.3/062137
kilometer	100000	1000	1	39370.00	3280.83	0.62137
inch	2.54	0.0254	0.4/0254	1	0.083333	0.4/0157828
foot	30.4801	0.304801	0.3/0304801	12	1	0.3/0189394
mile	160934.72	1609.3472	1.60935	63360	5280	1

A R E A

UNITS	SQUARE INCHES	SQUARE FEET	ACRES	SQUARE MILES	SQUARE METERS	HECTARES
square Inches	1	0.006944	0.6/0159423	0.9/02491	0.3/06451626	0.7/064516
square Feet	144	1	0.4/0229568	0.7/0358701	0.092034	0.5/0929034
square Acres	6272640	43560	1	0.0015625	4046.873	0.404687
square Miles	4014489600	27878400	640	1	2589998	258.9998
square Meters	1549.9969	10.76387	0.3/0247104	0.6/03861006	1	0.0001
hectares	15499969	1076387	2.47104	0.00386101	10000	1

Notations like 5/0, 6/0 etc. are to be replaced by ciphers, e.g., 0.0000062137

- 1 Land Square = 9.652525 Square Miles
- 1 Land Square Unit = 250,000 Square Meters = 61.776 Acres = 2,690,962.5 Square Feet
- 1 Land Square Unit = 25 Hectares
- 1 Land Section = 6,250,000 Square Meters = 625 Hectares = 1,544.4 Acres
- 1 Land Square = 25,000,000 Square Meters = 2500 Hectares = 6,177.6 Acres