

IN THE UNITED STATES DISTRICT COURT
FOR THE WESTERN DISTRICT OF TEXAS
SAN ANTONIO DIVISION

JOHN A. PATTERSON, et al.,)	
)	
Plaintiffs,)	
)	
v.)	No. 5:17-CV-00467
)	
DEFENSE POW/MIA ACCOUNTING)	
AGENCY, et al.,)	
)	
Defendants.)	

DECLARATION OF CALVIN Y. SHIROMA

I, Dr. Calvin Y. Shiroma, pursuant to 28 U.S.C. § 1746, declare as follows:

1. I am currently the Laboratory Manager for the Odontology Section, Scientific Analysis Directorate, Defense POW/MIA Accounting Agency (DPAA). I have served in this position since July 2009, both for DPAA and its predecessor the Joint POW/MIA Accounting Command (JPAC). From July 2008 to July 2009, I served as a staff forensic odontologist for JPAC.

2. The statements contained in this declaration are based on my personal knowledge and Department of Defense records and information made available to me in my official capacity.

I. Qualifications

3. My responsibilities as Lab Manager include the supervision of two military forensic odontologists, two dental technicians, two evidence managers, one laboratory administrator, three life support investigators, and one quality assurance specialist. I also



conduct scientific analysis, and field/joint forensic reviews of human dental remains, and author and peer review the forensic odontology reports and the odontology portion of disinterment memoranda.

4. I received my DMD in 1985. My board certifications include Masters Academy of General Dentistry (MAGD) and American Board of General Dentistry (ABGD). I am a Member of the Academy of General Dentistry and American Society of Forensic Odontology, and a Fellow of the Odontology section of the American Academy of Forensic Science.

5. I have published multiple articles on past conflict accounting forensic odontology and human identification. See Exhibit 1.

6. I served more than twenty years as a U.S. Army Dental Officer, and retired in 2007 with the rank of Colonel. During that time I served as an Active Duty Forensic Odontologist for three years at Central Identification Laboratory-Hawaii (CILHI), from 2000 to 2003.

II. Role of Odontology in DPAA's Disinterment Recommendation Process

7. Forensic odontology is the branch of dentistry that deals with the legal aspects of professional dental practices and treatment, with particular emphasis on the use of dental records to identify unknown remains.

8. For DPAA's disinterment recommendation process, a forensic odontologist reviews all available postmortem dental charts (X-files) and dental records for all potential candidates. Postmortem (PM) and antemortem (AM) profiles are developed from these records. The AM/PM profiles are added to a table and compared. Details that are reviewed include concordances and discrepancies (explainable and unexplainable discrepancies). Unexplainable discrepancies render an individual an unlikely candidate for identification with the remains under consideration. Unexplainable discrepancies which are documented in an individual's dental

record may exclude them from consideration (e.g., written treatment entry documenting the extraction of a tooth which is present in the remains). The presence of multiple unexplainable discrepancies noted in a comparison also increases the potential for an exclusion (e.g., multiple missing teeth charted on an AM record, while all teeth are present in the remains).

9. In order to determine whether discrepancies are explainable or unexplainable, the forensic odontologist relies on knowledge of clinical dentistry and knowledge of the historical practices involved in the dental charts and records being used. For example, some teeth are similar in appearance and can readily be mistaken for each other; an individual's dental record may erroneously chart adjacent teeth as missing or restored; differing opinions of specific surfaces restored by an AM and PM dental examiner; esthetic restorations (tooth colored fillings) may be missed on examination; teeth that are antemortem missing with space closure are easily missed since the adjacent teeth blend in visually; and restorations on proximal surfaces may be visually hidden and easily missed. At DPAA, forensic odontologists are very cautious, only excluding candidates where there is no plausible explanation for the discrepancy.

10. While charting errors are possible in an individual's dental record, I have found that DPAA forensic odontologists have knowledge of the most common types and will consider them when comparing an antemortem profile to a set of remains. The large majority of our WWII antemortem dental information are from generic charts (OQMG 371), providing only basic information such as the presence and absence of teeth only.

III. Role of Odontology in DPAA's Identification Process

11. After remains are disinterred and brought to the DPAA Laboratory, the forensic odontologist performs analyses on the dental remains. All remains are examined, photographed, radiographed, and the characteristics of each tooth are charted. He/she then compares the dental remains to the dental profiles/records of each candidate in an associated incident.

12. The forensic odontologist then provides an opinion to the Science Director. There are five opinions that the forensic odontologist can render: Positive identification, probable identification, possible identification, exclusion, and insufficient evidence. For a positive identification, the AM/PM comparisons must exhibit multiple similar unique features or a radiographic match. For a probable identification, there must be enough concordant features to determine that the remains are more likely than not those of a specific individual, without complete certainty. For a possible identification, the features must be similar enough that the remains could be those of the individual depicted in the AM records. An exclusion is warranted when the comparison shows restorative and/or anatomical features that are different and inexplicable. Insufficient evidence generally means that an opinion is not possible due to a lack of AM records and/or the quality/quantity of the dental remains.

13. The most common type of antemortem dental information available for the WWII service member is the OQMG 371. These forms typically indicate only an individual's extraction pattern (i.e., teeth present and missing). Still a large number also have military dental records (Form 79 and WD AGO FORM 8-116). For World War II remains identified at the DPAA, the most common type of opinion rendered by the forensic odontologist is a possible identification.

IV. Remains At Issue in This Case

A. Comparison of X-1130 to 1LT Nininger

14. Records indicate that the dental remains designated X-1130 Manila #2 were examined on multiple occasions, including September 1950, January 1949, and February 1946. Exhibits 2-4. A letter from the Office of the Quartermaster General dated February 17, 1949 noted that “[a]lthough the dental comparison [with Nininger] is not unfavorable, other remains recovered with X-1130 from this vicinity also reveal favorable dental characteristics which could

be associated with Lt. Nininger.” See Exhibit 5.

15. I have reviewed the records and agree with the assessment that the dental comparison, while it does not exclude 1LT Nininger, lacks any of the distinguishing features that would increase the likelihood that X-1130 is 1LT Nininger. Specifically, 1LT Nininger’s dental chart indicates that all of his teeth were present, except for his four third molars (colloquially known as wisdom teeth). See Exhibit 6. During the WWII era, dental officers routinely charted visually absent teeth as missing. Since it is not uncommon for third molars to be impacted or unerupted (i.e., covered in soft tissue), their presence or absence is generally considered an explainable discrepancy. Thus, 1LT Nininger would favorably compare to any remains not missing teeth before death, and a significant number of other servicemembers would have similar dental profiles.

B. Comparison of X-3629 to COL Stewart

16. Records indicated that the dental remains designated X-3629 Manila #2 were examined on three occasions (dated August 1, 1949, October 29, 1947, and January 7, 1947) by three different analysts. See Exhibits 7-9. Their findings were, in general, all consistent with each other: all teeth present and unrestored or perimortem/postmortem missing (i.e., present in life) except for antemortem missing tooth #1.

17. For the analysis that accompanied DPAA’s 2018 disinterment recommendation, I compared the charted PM dental characteristics to the available AM dental evidence for COL Stewart. I concluded that COL Stewart should be excluded for association with the remains due to multiple unexplainable extraction pattern discrepancies present in his comparison.

18. COL Stewart’s dental chart from an examination performed in March 1941 indicates he had two molars missing on the upper left quadrant (teeth #15 and #16), two molars missing in the lower left quadrant (teeth #17 and #19) and a lower left premolar (tooth #21)

missing in the lower left quadrant. See Exhibit 10. COL Stewart's IDPF also contains a summary of dental charts for examinations performed on February 14, 1939, January 18, 1940, and February 26, 1941. See Exhibit 11. The summary notes that on each examination, COL Stewart was missing teeth #19 and #21 (L14 and L12, respectively). Thus, the AM loss of teeth #17 and #19 was confirmed on multiple examinations by multiple examiners/dentists.

C. Comparison of X-618 to Brig. Gen. Fort

19. Records indicate that the dental remains designated X-618 Leyte #1 were examined on three occasions (dated 4 March 1950, 1 December 1947, and 19 August 1947) by three different analysts. See Exhibits 12-14. Their findings were, in general, all consistent with each other, especially as to the upper right quadrant. Each PM examination charted the presence in life of all teeth in the upper right quadrant. It is very unlikely that multiple AGRS analysts incorrectly charted the remains to record all teeth as present if that was not the case.

20. I compared the charted postmortem dental characteristics of the remains to the available antemortem dental evidence for Brig Gen Fort. I concluded that Brigadier General Fort is an unlikely candidate for association with the remains due to an unexplainable extraction pattern discrepancy. Specifically, his dental chart dated January 18, 1917 indicates he was missing a tooth on the upper right quadrant. See Exhibit 15.

* * * * *

Pursuant to 28 U.S.C. § 1746, I declare under penalty of perjury that the foregoing is true and correct.

Executed this ___ day of April, 2019.

SHIROMA.CALVIN.YOSHITO.179660101
Digitally signed by
SHIROMA.CALVIN.YOSHITO.179660101
Date: 2019.04.18
11:37:19 -10'00'

Dr. Calvin Y. Shiroma, DMD, MAGD, ABGD
Laboratory Manager, Odontology Section
Scientific Analysis Directorate
Defense POW/MIA Accounting Agency

Calvin Y. Shiroma, DMD, MAGD, ABGD
Defense POW/MIA Accounting Agency
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Joint Base Pearl Harbor-Hickam, Hawaii 96853-5530
Telephone: (808) 448-4500
E-mail: calvin.y.shiroma.civ@mail.mil

PERSONAL INFORMATION

- Country of Citizenship: United States of America.
- Veteran Status: retired military service member (Army)
- Current Civil Service Status: Laboratory Manager for the Odontology section (GP-14) since July 2009. Forensic Odontologist since July 2008. Worked as a Forensic Odontologist for a total of 13 years (three years in the military).

PRIOR WORK EXPERIENCE

US Army Dental Officer, multiple duty stations to include: Fort Lewis (Washington), South Korea (Taegu and Waegon), Schofield Barracks (Hawaii), Fort Hood (Texas), and Fort Richardson (Alaska).

- Performs comprehensive dental care for active duty soldiers.
- Additional duties to include: Unit Risk Manager, Patient Safety Officer, Radiation Protection Officer, Infectious Control Officer, Hazardous Materials Officer, Continuing Education Officer, and Supply Officer.
- In charge of multiple social activities to include: unit formal functions (Army Dental Corps Birthday Ball and Christmas Formals).

**Forensic Odontologist at the Central Identification Laboratory Hawaii (CILHI)
Performed analysis and authored forensic reports on the remains of US service members who are unaccounted-for from our nation's previous conflicts.**

- Conducted forensic reviews with representatives of the Socialist Republic of Vietnam.
- Dental forensic consultant to the City and County of Honolulu Department of the Medical Examiner and the Honolulu Police Department.

EDUCATION

- 2-Year Advanced Education in General Dentistry Residency – Fort Hood, Texas, (1999)
- Graduate, Command and General Staff College, 1997
- Graduate, Army Medical Officer Advanced Course (Class 6-8-C22), Commandant's List, 1990
- Graduate, Armed Forces Combat Casualty Care Course (Class 6A-C4), 1986
- Graduate, Army Medical Department Officer Basic Course, 1985
- DMD, Oregon Health Sciences University, 1985
- BA, General Sciences, Linfield College (Phi Kappa Gamma), 1980
- High School Diploma, Farrington High School, Honolulu, Hawaii, 1977

MEMBERSHIPS

- Member, Academy of General Dentistry
- Member, American Society of Forensic Odontology
- Fellow, American Academy of Forensic Sciences Odontology Section

LICENSURE/BOARD CERTIFICATIONS

- Dental License, State of Hawaii
- MAGD, Masters Academy of General Dentistry
- ABGD, American Board of General Dentistry

HONORS, AWARDS, AND SPECIAL ACCOMPLISHMENTS

- Meritorious Service Medal
- Army Commendation Medal
- Navy and Marine Corps Commendation Medal
- Army Achievement Medal
- Expert Field Medical Badge
- Air Assault Badge

PUBLISHED ARTICLES

Shiroma, Calvin Y.

The Use of Amalgam Powder and Calcium Hydroxide To Recreate A Radiopaque Image Of A Lost Dental Restoration. *Journal of Forensic Sciences* 47(3):609-613.

Shiroma, Calvin Y., Christopher G. Fielding, John A. Lewis, Mark R. Gleisner, Kenneth N. Dunn

Minimally Destructive Technique for Sampling Dentin Powder for Mitochondrial DNA Testing. *Journal of Forensic Sciences* 49(4): 791-795.

Lewis, John A., Calvin Y. Shiroma, Kanthi Von Guenther, Kenneth N. Dunn.

Recovery And Identification Of The Victims Of The Ehime Maru/USS Greenville Collision At Sea. *Journal of Forensic Sciences* 49(3):539-542.

Bunch, Ann W., Calvin Y. Shiroma.

The Search for, Recovery, and Positive Identification of a Vietnam-Era U.S. Army Soldier. *Military Medicine*, Volume 175, Number 2, February 2010, pp 127-132(6).

Shiroma, Calvin Y.

A Retrospective Review of Forensic Odontology Reports Written by the Joint POW/MIA Accounting Command Central Identification Laboratory for Remains Identified from the Korean War. *Journal of Forensic Sciences* 61(1): 68-75.

Shiroma, Calvin Y.

The Analysis of a World War I U.S. Service Member's Dental Remains Recovered in France. *Journal of Forensic Sciences* 59(6): 1654-1657.

Shiroma, Calvin Y.

A Comparison of Dental Chartings Performed at the Joint POW/MIA Accounting Command Central Identification Laboratory and the Kokura Central Identification Unit on Remains Identified from the Korean War. *Journal of Forensic Sciences* 61(1): 59-67.

Shiroma, Calvin Y.

A Comparison of US and Japanese Dental Restorative Care Present on Service Members Recovered from the WWII Era. *Journal of Forensic Sciences* 62(6): 1627-1631.

Shiroma, Calvin Y.

Radiopaque Images Resembling Obturated Root Canals. *Journal of Forensic Sciences* 62(6): 1655-1657.

PAPERS PRESENTED AT NATIONAL MEETINGS

- Next of Kin Correspondence: Additional Dental Evidence. 2014 AAFS annual meeting.
- A Comparison of US and South Korean Dental Care from the Korean War era. 2013 SAA Annual Scientific Meeting.
- The Dental Analysis of a U.S. WWI Service Member. 2011 AAFS annual meeting.
- The Use of Amalgam Powder and Calcium Hydroxide to Recreate a Radiopaque Image of a Lost Dental Restoration. 2002 AAFS Annual Meeting.

ADDITIONAL SKILLS

Teaching/Supervising

- In 1997 performed duty as Chief CPR instructor of USA DENTAC Hawaii (120+ individuals) with >95% certification rate for entire unit.
- Developed and presented multiple lectures on topics (restorative dentistry, laboratory techniques, infectious control, patient safety, sports dentistry, and forensics).
- Presenter at the American Academy of Forensic Sciences and the Society of American Archeology Annual Scientific meetings.
- Guest Lecturer at the University of Hawaii's East Oahu campus (2013).

Personal

- Active in community service: Farrington Alumni Community Foundation (FACF), routine blood and platelet donor (donated over 90 units of platelets and 25 units of blood; recognized by the Blood Bank of Hawaii as a "Super Donor.")
- Physically fit and mentally strong as reflected by the 40+ Marathons completed (with 17 qualifying times for the Boston Marathon).

SUMMARY

- Currently employed as a Forensic Odontologist and Laboratory Manager at the Defense POW/MIA Accounting Agency. Supervises two Military Forensic Odontologists, two dental technicians, two Evidence Managers, one Laboratory

Administrator, three Life Support Investigators, and one Quality Assurance Specialist.

- In the last five years, credited with 307 Forensic Odontology Reports leading to the positive identification of previously unknown remains.
- Deployment to multiple foreign countries (South Korea, Vietnam, England, Germany, Hungary, Malaysia, Philippines, Tarawa, Palau, Poland, Slovenia, and Turkey) and the Continental U.S.
- Over 20 years experience as a general dentist in the U.S. Army, 13 years as a Forensic Odontologist, and retired in 2007 at the rank of Colonel.
- Board certifications include Masters Academy of General Dentistry (MAGD) and American Board of General Dentistry (ABGD).
- Licensed to practice dentistry in the State of Hawaii.
- Held multiple supervisory positions: Laboratory Coordinator for the Odontology Section, Clinic Chief, Chief of Operative Dentistry, Risk Manager, Patient Safety Officer.
- Proven dental educator and publisher/presenter of scientific articles/papers.
- Extremely active in community service.


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EXHIBIT

2

U-3146

RESTRICTED

WD QMC FORM 4042 (Rev. 1 Apr. 1945) (Supersedes GRS Form 1)		REPORT OF INTERMENT (AR 30-1810 and AR 30-1815)				DATE OF REPORT 13 Feb. 46	
Imprint Identification Tag If Possible. DO NOT TYPE 		Section 1.—IDENTIFICATION.					
NAME (Last, first, middle initial) UNKNOWN -X- 1130 (Nininger, Alexander R. *)		SERIAL No. JR R. (*) 0-29761		GRADE 1st Lt. JR.		ORGANIZATION 57th Inf.	
RACE white		RELIGION		BRANCH OF SERVICE Army			
IF OTHER THAN U. S. DEAD, GIVE NAME OF COUNTRY		PLACE OF DEATH Bataan, Abucay, Luzon, P. I.		CAUSE OF DEATH KIA		DATE OF DEATH JR 12 Jan 42	
EMERGENCY ADDRESSEE (Name, relationship, and address) Alex R. Nininger JR. Florida Theater FT. Lauderdale, Fla. JR							
IDENTIFICATION TAGS FOUND ON BODY (1, 2, or none) None		IF NO TAGS FOUND ON BODY, DESCRIBE MEANS OF IDENTIFICATION (If unidentified, fill in section 3 on reverse)					
WERE SUBSTITUTE TAGS PROVIDED? (Yes or no) Yes (2)		see attached letter.					
LIST PERSONAL EFFECTS FOUND ON BODY AND DISPOSITION OF SAME None							
Section 2.—BURIAL. If other than in established cemetery, furnish sketch and map coordinates on reverse.							
NAME, NUMBER, COORDINATES, AND LOCATION OF CEMETERY USAF Cemetery Manila #2, Luzon, P. I.							
DATE OF BURIAL 18 Jan. 46	HOUR 0900	BURIED IN (Shroud, blanket, or name of other) Shelter Half	TYPE OF GRAVE MARKER Cross	PLOT No. 2	ROW No. 22	GRAVE No. 2836	
WAS THIS A REBURIAL? (Yes or no) Yes	IF A REBURIAL, INDICATE NAME, NUMBER, COORDINATES OF PREVIOUS CEMETERY, AND LOCATION OF GRAVE Abucay Cemetery, 27.6 - 80.5 Map Ref. Abucay P.I. Bataan Prov. N 1430 E 120 3/10 scale 1 x 50,000			PLOT No. Soldiers	ROW No. 9	GRAVE No. 9	
TYPE OF RELIGIOUS CEREMONY	PERSON CONDUCTING BURIAL RITES		IF IDENTIFICATION TAGS NOT USED, DESCRIBE IDENTIFICATION DATA AND CONTAINERS BURIED WITH BODY				
IDENTIFICATION TAG BURIED WITH BODY (Yes or no) Yes	IDENTIFICATION TAG ATTACHED TO MARKER (Yes or no) Yes						
BODY BURIED ON DECEASED LEFT, NAME (Last, first, middle initial) LANGLA, C.		RANK	SERIAL No. 6611148	ORGANIZATION 45th Inf. P.S.	GRAVE No. 2835		
BODY BURIED ON DECEASED RIGHT, NAME (Last, first, middle initial) LOSANTA, Gregorio		RANK	SERIAL No. 10302760	ORGANIZATION	GRAVE No. 2834		
SIGNATURE OF PERSON PREPARING REPORT R. C. BARRETT, S/Sgt. GRS.				SIGNATURE OF GRS OFFICER VERIFYING REPORT E. M. MOORE, 1st Lt. QMC.			
DISTRIBUTION OF REPORT: Signed original for U. S. and allied dead, signed original and one copy for enemy dead, to the Quartermaster General through Headquarters GRS Officer. Copies for retention in theater as prescribed by theater commander.							

RESTRICTED

16-43997-1

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RESTRICTED

Section 3.—UNIDENTIFIED REMAINS.

INSTRUCTIONS:

(a) Great care will be taken to record the most minute clues for the future identity of unidentified remains. Fill in anatomical characteristics below, and any other clues under "Other," such as shoe size, social security number; position of body found in airplanes, vehicles, and tanks; and serial numbers of airplanes, vehicles, and tanks.

(b) A fingerprint, or prints, are the most valuable of all clues. Imprint all fingers and thumbs in the chart at left, or as many as possible. If no fingerprint or prints can be secured, the condition of each and every tooth will be indicated on the tooth chart in accordance with diagram below. Tooth chart will not be accomplished if one or more fingerprints are secured.

9 APR 1948

LEFT
LITTLE FINGER

LEFT
RING FINGER

LEFT
MIDDLE FINGER

LEFT
INDEX FINGER

LEFT
THUMB

RIGHT
THUMB

RIGHT
INDEX FINGER

RIGHT
MIDDLE FINGER

RIGHT
RING FINGER

RIGHT
LITTLE FINGER

HEIGHT	WEIGHT	COLOR OF EYES	COLOR OF HAIR	BIRTHMARKS, SCARS, OR TATTOOS
--------	--------	---------------	---------------	-------------------------------

WEAPON AND SERIAL NO.	LAUNDRY MARKS	WHERE BODY WAS BURIED OR FOUND
-----------------------	---------------	--------------------------------

OTHER IDENTIFICATION CLUES

FILLINGS

SILVER FILLING
GOLD FILLING

CAVITIES

CAVITY
DECAYED

MISSING TEETH

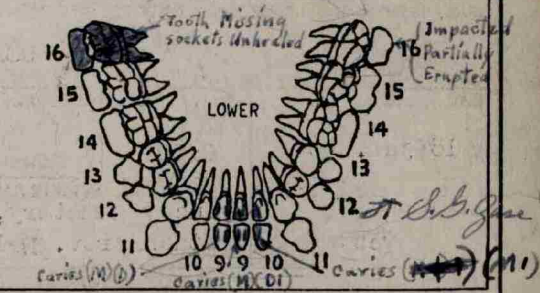
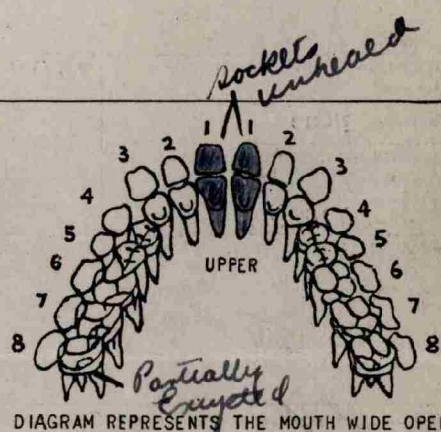
TOOTH MISSING

CROWNED TEETH

PORCELAIN CROWN
GOLD CROWN

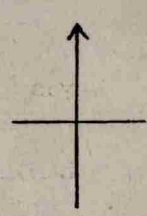
BRIDGE WORK

GOLD BRIDGE



FURNISH SKETCH AND MAP REFERENCE AND COORDINATES FOR BURIAL IN OTHER THAN ESTABLISHED CEMETERY

Occlusion Normal S.B.G.



REMARKS:

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EXHIBIT

3

X-4685

IDENTIFICATION DATA

1. REMAINS OF UNKNOWN UNKNOWN X-4685
(Formerly X-1130 Manila #2) 2. DATE OF REPORT
24 Jan. 49

3. NAME OF CEMETERY AGRS MAUSOLEUM, MANILA, P. I.	4. PLOT	5. ROW	6. GRAVE	7. DATE OF	
				DISINTERMENT	REINTERMENT STORAGE

PHYSICAL DESCRIPTION

8. ESTIMATED WEIGHT U.T.D.	9. ESTIMATED HEIGHT 5'2 1/8"	10. COLOR OF HAIR U.T.D.	11. RACE U.T.D.
-------------------------------	---------------------------------	-----------------------------	--------------------

12. GIVE DESCRIPTION OF ANY OFFICIAL IDENTIFICATION FOUND WITH REMAINS

None

13. GIVE DESCRIPTION OF TATTOOS OR SCARS ON BODY AND/OR SUCH INFORMATION OBTAINED FROM OTHER SOURCES

None

14. WAS BODY BURNED? TO WHAT EXTENT?
 YES NO

15. WAS BODY MANGLED? TO WHAT EXTENT?
 YES NO

16. DESCRIBE EVIDENCE OF HEALED FRACTURES AND BONE MALFORMATIONS

None

17. LIST EVERY ITEM OF CLOTHING, EQUIPMENT AND PERSONAL EFFECTS FOUND, SHOWING THE TYPE, COLOR, SIZE, MARKINGS, SERVICE, ETC. (If laundry marks are indistinct such notation should be made and specimen forwarded through channels for examination when facilities are not available in the area)

None

Serial #1

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X-4685

18. TOOTH CHART

<p>MISSING TEETH: ALL TEETH MISSING THROUGH EXTRACTION (NOT THOSE FRACTURED OR DISPLACED BY RECENT WOUNDS) SHOULD BE "X" 'D OUT AND LABELED THUS:</p> <p>CROWNED TEETH: BLOCK IN SOLID AND CROWN OF TOOTH (LABEL GOLD, PORCELAIN, SILVER OR GOLD AND PORCELAIN), THUS:</p> <p>BRIDGE WORK: BLOCK IN SOLID AND CROWN OF TOOTH (LABEL GOLD BRIDGE, GOLD AND PORCELAIN BRIDGE), THUS:</p> <p>FILLINGS: DRAW FILLING ON TOOTH AS ACCURATELY AS POSSIBLE (BLOCK IN AND LABEL GOLD, SILVER, CEMENT), THUS:</p> <p>CARIES (Cavities): OUTLINE LOCATION AND SIZE OF CAVITY, SHADE IN THUS:</p>	TOP VIEW	SIDE VIEW
	<p><i>Tooth Missing</i></p>	
	<p><i>Gold Crown, Porcelain Crown</i></p>	
	<p><i>Gold Bridge</i></p>	
	<p><i>Gold Filling, Silver Filling</i></p>	
<p><i>Cavity, Decayed</i></p>		

RIGHT								LEFT							
8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8
						⊗	⊗	⊗						⊗	
Side Views								Side Views							
Top Views								Top Views							
UPPER								UPPER							
LOWER								LOWER							
Side Views								Side Views							
						⊗	⊗	⊗						⊗	
16	15	14	13	12	11	10	9	9	10	11	12	13	14	15	16

HORIZONTAL IMPACTION

DENTURES (Plates): DRAW DIAGRAM OF RELATIVE SIZE AND SHAPE OF PLATE, BLOCK IN TEETH ATTACHED AND INDICATE RETAINING CLASPS ON NATURAL TEETH WITH THE WORD, "CLASP."

Maxilla missing, loose teeth found with remains
 I16 Horizontally impacted

Incl 12

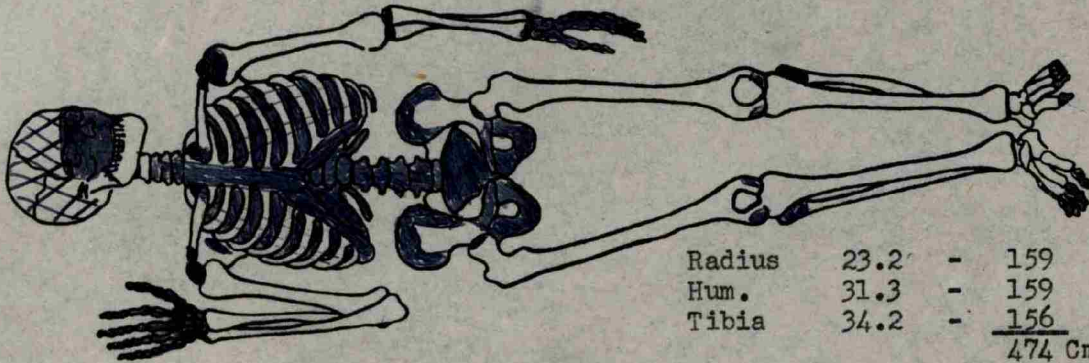
Sgt Joseph D. Murphy
 Sgt. JOSEPH D. MURPHY

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X-4685

19. BLACK OUT PARTS OF BODY NOT RECORDED

and Vert Fragments



Radius	23.2	-	159
Hum.	31.3	-	159
Tibia	34.2	-	<u>156</u>
			474 Cms. or
			5'2 1/8"

20.

MASS BURIAL CERTIFICATE (IF APPLICABLE)
(Wherein segregation in whole or parts is impossible)

I CERTIFY THAT THE GROUP REMAINS CONSIST OF PARTS OF _____ DECEDENTS BASED ON THE PRESENCE OF ONE OR MORE OF THE FOLLOWING ANATOMICAL PARTS: NUMBER

 SIGNATURE OF MEDICAL OFFICER

21. REMARKS AND ADDITIONAL INFORMATION

(1) one embossed tag bearing following information found with remains
 Unknown X-1130
 NININGER, A.R. Jr.
 O-23761 2nd Lt.
 57 INF. Jan. 42
 2836-22-2

I CERTIFY THAT I HAVE PERSONALLY VIEWED THE REMAINS OF DECEASED AND THAT ALL RESULTING INFORMATION HAS BEEN RECORDED TO THE BEST OF MY KNOWLEDGE

TYPED NAME, GRADE, ARM OR SERVICE, AND ORGANIZATION

SIGNATURE

Doc 1, 3
 J. J. McDERMOTT

J. J. McDermott

QMC FORM 1044b
 18 MAR 47

29E-21-12-47

IDENTIFICATION DATA

1. REMAINS OF UNKNOWN UNK. X-4685 (Formerly X-1130 Manila #2)			2. DATE OF REPORT 8 Sept. '50		
3. NAME OF CEMETERY AGRS Mausoleum Manila P. I.		4. PLOT	5. ROW	6. GRAVE	7. DATE OF DISINTERMENT REINTERMENT

PHYSICAL DESCRIPTION

Age: 20-30 yrs.

8. ESTIMATED WEIGHT U. T. D.	9. ESTIMATED HEIGHT 5'1"	10. COLOR OF HAIR U. T. D.	11. RACE U.T.D. (probably mongoloid)
---------------------------------	-----------------------------	-------------------------------	---

12. GIVE DESCRIPTION OF ANY OFFICIAL IDENTIFICATION FOUND WITH REMAINS

None

13. GIVE DESCRIPTION OF TATTOOS OR SCARS ON BODY AND OR SUCH INFORMATION OBTAINED FROM OTHER SOURCES

None

14. WAS BODY BURNED ? TO WHAT EXTENT ?

YES NO

15. WAS BODY MANGLED ? TO WHAT EXTENT ?

YES NO Skull

16. DESCRIBE EVIDENCE OF HEALED FRACTURES AND BONE MALFORMATIONS

None

17. LIST EVERY ITEM OF CLOTHING, EQUIPMENT AND PERSONAL EFFECTS FOUND, SHOWING THE TYPE, COLOR, SIZE, MARKINGS, SERVICE, ETC. (If laundry marks are indistinct such notation should be made and specimen forwarded through channels for examination when facilities are not available in the area)

None

"UNIDENTIFIABLE"
"BY REASON OF LACK OF SUFFICIENT IDENTIFYING DATA"

Declassified Per E.O. 13526 dtd 5 Jan 2010

18. TOOTH CHART Unk. Y 685 Mausoleum

<p>MISSING TEETH: ALL TEETH MISSING THROUGH EX-TRACTION (NOT THOSE FRACTURED OR DISPLACED BY RECENT WOUNDS) SHOULD BE "X" D OUT AND LABELED THUS:</p> <p>CROWNED TEETH: BLOCK IN SOLID AND CROWN OF TOOTH (LABEL GOLD, PORCELAIN, SILVER OR GOLD AND PORCE-LAIN), THUS:</p> <p>BRIDGE WORK: BLOCK IN SOLID AND CROWN OF TOOTH (LABEL GOLD BRIDGE, GOLD AND PORCELAIN BRIDGE), THUS:</p> <p>FILLINGS: DRAW FILLING ON TOOTH AS ACCURATELY AS POSSIBLE (BLOCK IN AND LABEL GOLD, SILVER, CEMENT), THUS:</p> <p>CARIES (Cavities): OUTLINE LOCATION AND SIZE OF CAVITY, SHADE IN THUS:</p>	<p>TOP VIEW</p>	<p>SIDE VIEW</p>
--	-----------------	------------------

broken

	RIGHT								LEFT								
	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8	
							D	D								D	
Side Views																	Side Views
Top Views																	UPPER
																	LOWER
Side Views																	
							m	DLF	DLF	MLF							
	16	15	14	13	12	11	10	9	9	10	11	12	13	14	15	16	impacted

mandible broken

DENTURES (Plates): DRAW DIAGRAM OF RELATIVE SIZE AND SHAPE OF PLATE, BLOCK IN TEETH ATTACHED AND INDICATE RETAIN-ING CLASPS ON NATURAL TEETH WITH THE WORD, "CLASP."

Unable to determine R-16 whether X or PX due to the condition of the mandible.

"UNIDENTIFIABLE"

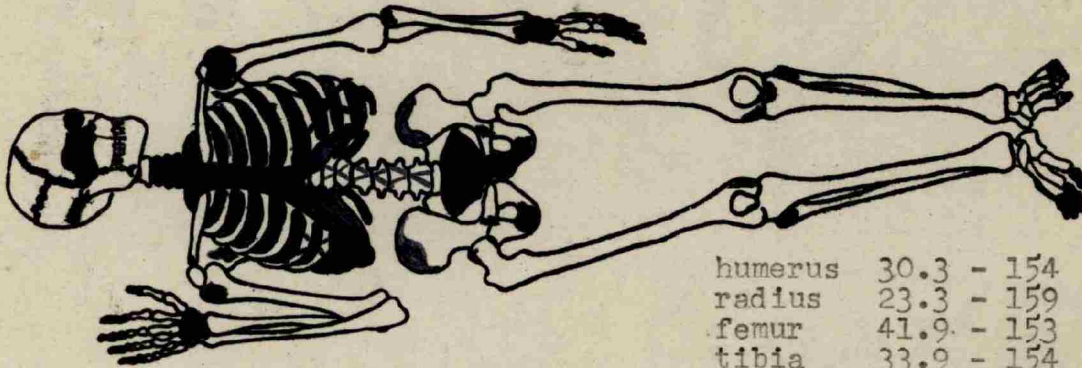
ROBERT B. FOX
 Anthropologist

REASON OF LACK OF IDENTIFYING DATA

Declassified Per E.O. 13526 dtd 5 Jan 2010

Unk. X-4685 Mausoleum

19. BLACK OUT PARTS OF BODY NOT RECOVERED



humerus	30.3	-	154
radius	23.3	-	159
femur	41.9	-	153
tibia	33.9	-	154
			4/620
			155

Estimated height 5'11"

20. MASS BURIAL CERTIFICATE (IF APPLICABLE)
(Wherein segregation in whole or parts is impossible)

I Certify that the Group Remains Consist of Parts of _____ Decedents Based on the Presence of One or More of the Following Anatomical Parts :
NUMBER

SIGNATURE OF MEDICAL OFFICER

21. REMARKS AND ADDITIONAL INFORMATION

No identification tags, personal effects or any other means of identification found with remains.

"UNIDENTIFIABLE"

REASON OF LACK OF SUFFICIENT IDENTIFYING DATA"

I Certify that I Have Personally Viewed the Remains of Deceased and that All Resulting Information Has Been Recorded to the Best of My Knowledge

TYPED NAME, GRADE, ARM OR SERVICE, AND ORGANIZATION

ROBERT B. FOX
Anthropologist

SIGNATURE

Declassified Per E.O. 13526 dtd 5 Jan 2010

EXHIBIT

5

DEPARTMENT OF THE ARMY
OFFICE OF THE QUARTERMASTER GENERAL
WASHINGTON 25, D. C.

IN REPLY REFER TO QMGMT 293

17 February 1949

Unknown X-4685
GRS Mausoleum Manila, P.I.
(X-1130, USAF Manila #2, P.I.)

SUBJECT: IDENTIFICATION OF UNKNOWN DECEASED

TO : Commanding General
Philippine Command
APO 707, c/o Postmaster
San Francisco, California

ATTENTION: AGRS, PHILCOM ZONE

1. Reference is made to Board Proceedings for Unknown X-4685, AGRS Mausoleum Manila P.I., formerly X-1130, USAF, Cemetery Manila #2, P.I., dated 8 December 1948, recommending the identification of these remains as 1st Lt. Alexander R. Nininger, Jr. O-23 761.
2. A review of the case reveals that the estimated height for these remains is not in agreement with Army Records for Lt. Nininger. Although dental comparison is not unfavorable, other remains recovered with X-1130 from this vicinity also reveal favorable dental characteristics which could be associated with Lt. Nininger.
3. Information furnished this Office by father indicates that Lt. Nininger was interred in grave nine behind the south wall of the Abucay Church. Remains of X-1130 were recovered from grave nine, Soldiers Row, Abucay Cemetery. It is requested that this Office be advised whether these locations are the same.
4. In the event that these grave locations are not similar, it is requested that the area behind the south wall of the Abucay Church be investigated in an effort to recover the remains of 1st Lt. Nininger, O-23 761.
5. Revised OQMG Form 371 for subject deceased is inclosed as an aid to identification. Board Proceedings are suspended.

FOR THE QUARTERMASTER GENERAL:

1 Incl:OQMG
Form 371 (in dup)(Nininger)

T. H. Metz
T. H. METZ
Lt. Colonel, OMC
Memorial Division

MAN
File

2 Aug 50
W. H. Laurin
Identification Branch

EXHIBIT

6

293 FILE		DATA ON REMAINS NOT YET RECORDED OR IDENTIFIED		
NAME (Last, First, Middle Initial) <i>NININGER, Alexander J. Jr</i>		GRADE <i>2 Lt 1st Lt *</i>	PRESENT SERIAL NUMBER <i>0-23761</i>	
ORGANIZATION <i>57th INF</i>	RACE <i>White</i>	CREED <i>no record</i>	FORMER SERIAL NUMBER (if applicable)	
DATE OF DEATH/MIA <i>12-Jan-42</i>	CAUSE OF DEATH <i>Killed in Action</i>	PLACE OF DEATH OR PLACE LAST SEEN IF MIA <i>BATAAN, LUZON, P.I.</i>		
DATE OF FOD				
HEIGHT <i>5' 11"</i>	WEIGHT <i>157 lbs.</i>	COLOR EYES <i>blue</i>	COLOR HAIR <i>of</i>	SHOE SIZE <i>Record</i>

DENTAL CHART *28-July-41*

UPPER RIGHT <i>X</i> 7 6 5 4 3 2 1	UPPER LEFT 1 2 3 4 5 6 7 <i>X</i>
LOWER RIGHT <i>X</i> 15 14 13 12 11 10 9	LOWER LEFT 9 10 11 12 13 14 15 <i>X</i>

X = Extracted O = Carious 1 = Carious Non-Restorable

FRACTURES AND/OR BREAKS <i>_____</i>	TATTOOS AND/OR BIRTHMARK <i>_____</i>
---	--

ADDITIONAL INFORMATION

KIA before surrender.
Extracted from AG HFD File 999-5-13-2, page 488

** Per OQMG letter dated 30 August 1950*

U-

CASE NO *6985*

EXHIBIT

7

R/R BRANCH, MEMORIAL DIVISION, OGDEN

(M)

57th Inf P.S.

Stuart, Colonel

IDENTIFICATION DENTAL CHART

TO BE USED WITH QMC FORMS NOS. 1042 & 1044 IN PLACE OF CHART THEREON, AND TO BE ATTACHED TO AND FORWARDED WITH THESE FORMS WHEN ACCOMPLISHED.

UNKNOWN -X- 3629 7 Jan 47
 (STUART) DATE
 LAST NAME FIRST INITIAL RANK SERIAL NO.
 Col
 57th Inf (Ps)
 Abucay Hacienda, Abucay, Bataan, Luzon, P. I. USAF Cem Manila #2 ORGANIZATION
 PLACE OF DEATH PLACE OF BURIAL PLOT ROW GRAVE NO.
 4 5 580

RIGHT UPPER TEETH LEFT







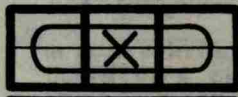


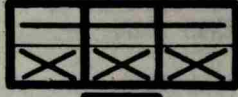





8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8
TYPE	X														
LOCATION															

INSIDE — LOOKING OUT

16	15	14	13	12	11	10	9	9	10	11	12	13	14	15	16
TYPE		o	o												
LOCATION															

partial impaction

KEY OF SYMBOLS TO BE USED ON ABOVE CHART

SYMBOLS IN WHOLE BOX	TYPE OF FILLING IN UPPER HALF OF BOX	LOCATION OF FILLING IN LOWER HALF OF BOX
 EXTRACTED	 AMALGAM (SILVER)	 MESIAL (BETWEEN-TOWARD FRONT)
 CAVITY. INDICATE LOCATION	 GOLD	 OCCLUSAL (BITING SURFACE BACK TEETH)
 FIXED BRIDGE (INCL. ABUTMENTS)	 SILICATE OR PORCELAIN	 DISTAL (BETWEEN-TOWARD BACK)
 TEETH REPLACED BY DENTURE	 OXYPHOSPHATE (CEMENT)	 LINGUAL (TOWARD TONGUE)
 POSTHUMOUSLY MISSING (LOST AFTER DEATH)		 FACIAL (TOWARD CHEEK)

INSTRUCTIONS:

1. **ACCURACY AND ATTENTION TO DETAIL** IN THE PREPARATION OF THIS CHART ARE OF PARAMOUNT IMPORTANCE, IF SAME IS TO BE OF MAXIMUM VALUE.

2. **NOTE CAREFULLY THAT:** SYMBOLS INDICATING MISSING TEETH, CAVITIES AND BRIDGE-WORK ARE TO BE INSERTED IN **WHOLE BOX**; SYMBOLS INDICATING **TYPE OF FILLING** ARE TO BE INSERTED IN **UPPER HALF** OF BOX; AND SYMBOLS INDICATING **LOCATION OF FILLING** ARE TO BE INSERTED IN **LOWER HALF** OF BOX.

3. ANY ABNORMALITIES SUCH AS MALPOSED, MALFORMED OR DISCOLORED TEETH, ETC. SHOULD BE NOTED. DENTAL WORK NOT COVERED ABOVE WILL BE INDICATED, e.g., PORCELAIN CROWNS, GOLD CROWNS (FULL OR 3/4), 3/4 GOLD CROWN WITH SILICATE WINDOW.

4. FOR INFORMATION OF STANDARD NUMBERING OF TEETH, SEE DIAGRAM BELOW.

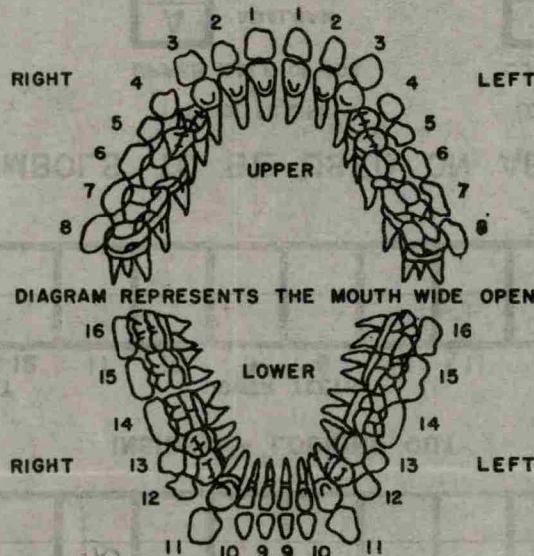


DIAGRAM REPRESENTS THE MOUTH WIDE OPEN

REMARKS:

Al S. Padayhag
SIGNATURE OF PERSON WHO PREPARED CHART

AL S. PADAYHAG, CPL
NAME AND RANK TYPED OR PRINTED

USAF Cam Manila #2, Luzon, P. I.
PLACE OR HQ. WHERE THIS FORM ACCOMPLISHED

Charles H. Ripley
VERIFIED BY GRS OFFICER

CHARLES H RIPLEY, CAPT., CMP
NAME AND RANK TYPED OR PRINTED

7 Jan 47
DATE

x-1298

EXHIBIT
8

R/R BRANCH, MEMORIAL DIVISION, O...

IDENTIFICATION DENTAL CHART

TO BE USED WITH QMC FORMS NOS. 1042 & 1044 IN PLACE OF CHART THEREON, AND TO BE ATTACHED TO AND FORWARDED WITH THESE FORMS WHEN ACCOMPLISHED.

(Formerly UNK X-3629 (STUART)) 29 Oct 47
DATE
 UNKNOWN X-1298 (USAF Cem Manila #2, Luzon, P.I.) Col
RANK Unknown
SERIAL NO.
 LAST NAME FIRST INITIAL RANK

57th Inf (PS) Army
 Abucay Hacienda, Abucay, AGRS Mausoleum ORGANIZATION
 Bataan, Luzon, P.I. Manila, P.I.
 PLACE OF DEATH PLACE OF BURIAL STORAGE PLOT ROW GRAVE NO.
 812 I 2843
 DANGER BAY CRYPT

	RIGHT				UPPER TEETH				LEFT							
	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8
TYPE	X						P	P	P							
LOCATION																

INSIDE — LOOKING OUT

(See Remarks)

	RIGHT				LOWER TEETH				LEFT							
	16	15	14	13	12	11	10	9	9	10	11	12	13	14	15	16
TYPE		O	O	P	P	P		P	P	P	P	P			O	
LOCATION																

KEY OF SYMBOLS TO BE USED ON ABOVE CHART

SYMBOLS IN WHOLE BOX	TYPE OF FILLING IN UPPER HALF OF BOX	LOCATION OF FILLING IN LOWER HALF OF BOX
EXTRACTED	AMALGAM (SILVER)	MESIAL (BETWEEN-TOWARD FRONT)
CAVITY INDICATE LOCATION	GOLD	OCCLUSAL (BITING SURFACE BACK TEETH)
FIXED BRIDGE (INCL. ABUTMENTS)	SILICATE OR PORCELAIN	DISTAL (BETWEEN-TOWARD BACK)
TEETH REPLACED BY DENTURE	OXYPHOSPHATE (CEMENT)	LINGUAL (TOWARD TONGUE)
POSTHUMOUSLY MISSING (LOST AFTER DEATH)	FACIAL (TOWARD CHEEK)	

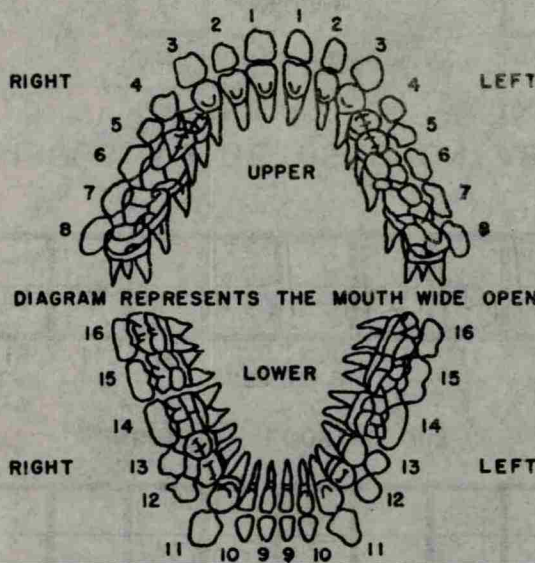
INSTRUCTIONS:

1. **ACCURACY AND ATTENTION TO DETAIL** IN THE PREPARATION OF THIS CHART ARE OF PARAMOUNT IMPORTANCE, IF SAME IS TO BE OF MAXIMUM VALUE.

2. **NOTE CAREFULLY THAT:** SYMBOLS INDICATING MISSING TEETH, CAVITIES AND BRIDGE-WORK ARE TO BE INSERTED IN **WHOLE BOX**; SYMBOLS INDICATING **TYPE OF FILLING** ARE TO BE INSERTED IN **UPPER HALF** OF BOX; AND SYMBOLS INDICATING **LOCATION OF FILLING** ARE TO BE INSERTED IN **LOWER HALF** OF BOX.

3. ANY ABNORMALITIES SUCH AS MALPOSED, MALFORMED OR DISCOLORED TEETH, ETC. SHOULD BE NOTED. DENTAL WORK NOT COVERED ABOVE WILL BE INDICATED, e.g., PORCELAIN CROWNS, GOLD CROWNS (FULL OR 3/4), 3/4 GOLD CROWN WITH SILICATE WINDOW.

4. FOR INFORMATION OF STANDARD NUMBERING OF TEETH, SEE DIAGRAM BELOW.



REMARKS:

L-8 is so impacted that now the occlusal surface is to the facial.

/s/ -Joseph H. Murphy
SIGNATURE OF PERSON WHO PREPARED CHART

/s/ -
VERIFIED BY GRS OFFICER

/p/ JOSEPH D. MURPHY T/5
NAME AND RANK TYPED OR PRINTED

NAME AND RANK TYPED OR PRINTED

Mausoleum, CIP, Manila, P.I.
PLACE OR HQ. WHERE THIS FORM ACCOMPLISHED

29 Oct 47
DATE

CERTIFIED TRUE COPY

George T Gamboa
GEORGE T GAMBOA
2d Lt., MAC

EXHIBIT

9

IDENTIFICATION DATA							
1. REMAINS OF UNKNOWN UNKNOW N X-1298 (Formerly UNK X-3629 Manila #2)					2. DATE OF REPORT 1 Aug 1949		
3. NAME OF CEMETERY				4. PLOT	5. ROW	6. GRAVE	7. DATE OF DISINTERMENT REINTERMENT
				812	I	2843	
PHYSICAL DESCRIPTION							
8. ESTIMATED WEIGHT U T D		9. ESTIMATED HEIGHT 4'11"		10. COLOR OF HAIR U T D		11. RACE UNKNOWN	
12. GIVE DESCRIPTION OF ANY OFFICIAL IDENTIFICATION FOUND WITH REMAINS N O N E							
13. GIVE DESCRIPTION OF TATTOOS OR SCARS ON BODY AND/OR SUCH INFORMATION OBTAINED FROM OTHER SOURCES U T D							
14. WAS BODY BURNED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		TO WHAT EXTENT?					
15. WAS BODY MANGLED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		TO WHAT EXTENT?					
16. DESCRIBE EVIDENCE OF HEALED FRACTURES AND BONE MALFORMATIONS N O N E							
17. LIST EVERY ITEM OF CLOTHING, EQUIPMENT AND PERSONAL EFFECTS FOUND, SHOWING THE TYPE, COLOR, SIZE, MARKINGS, SERVICE, ETC. (If laundry marks are indistinct such notation should be made and specimen forwarded through channels for examination when facilities are not available in the area) N O N E							
<p>"UNIDENTIFIABLE"</p> <p>"BY REASON OF LACK OF SUFFICIENT IDENTIFYING DATA"</p>							
<p><i>Incl # 9²</i></p>							

X-1298

18. TOOTH CHART		TOP VIEW	SIDE VIEW
MISSING TEETH: ALL TEETH MISSING THROUGH EXTRACTION (NOT THOSE FRACTURED OR DISPLACED BY RECENT WOUNDS) SHOULD BE "X" D OUT AND LABELED THUS:			
CROWNED TEETH: BLOCK IN SOLID AND CROWN OF TOOTH (LABEL GOLD, PORCELAIN, SILVER OR GOLD AND PORCELAIN), THUS:			
BRIDGE WORK: BLOCK IN SOLID AND CROWN OF TOOTH (LABEL GOLD BRIDGE, GOLD AND PORCELAIN BRIDGE), THUS:			
FILLINGS: DRAW FILLING ON TOOTH AS ACCURATELY AS POSSIBLE (BLOCK IN AND LABEL GOLD, SILVER, CEMENT), THUS:			
CARIES (Cavities): OUTLINE LOCATION AND SIZE OF CAVITY, SHADE IN THUS:			

See Remarks

RIGHT								LEFT								See Remarks
8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8	
X						P	P	P								
Side Views															Side Views	
Top Views															UPPER	
															LOWER	
Side Views																
			P	P	P	P	P		P	P	P					
16	15	14	13	12	11	10	9	9	10	11	12	13	14	15	16	

Partially Impacted

DENTURES (Plates): DRAW DIAGRAM OF RELATIVE SIZE AND SHAPE OF PLATE, BLOCK IN TEETH ATTACHED AND INDICATE RETAINING CLASPS ON NATURAL TEETH WITH THE WORD, "CLASP."

occlusal -
 L8 is partially impacted and malposed occlusal-facial.
 L16 is partially impacted in horizontal position.

James J. McDermott
 JAMES J. McDERMOTT
 Laboratory Officer, CIP

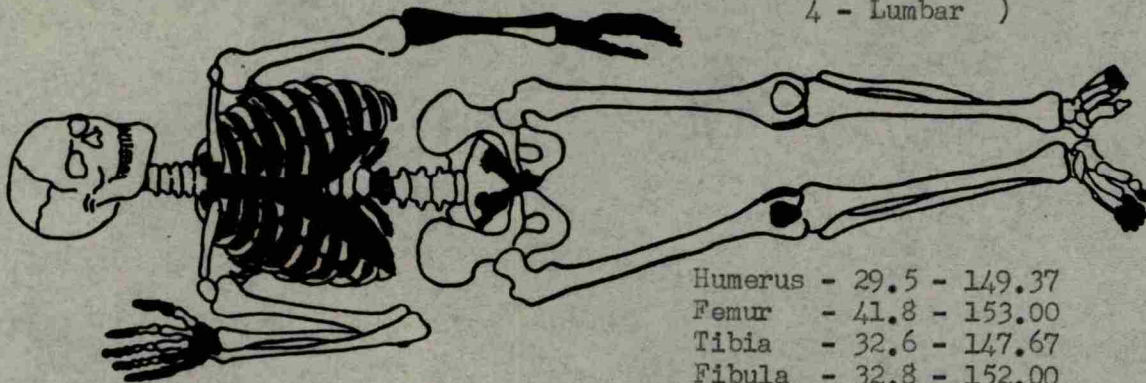
"UNIDENTIFIABLE"

QMC FORM 18 MAR 47 1044a BY REASON OF LACK OF SUFFICIENT IDENTIFYING DATA

X-1298

19. BLACK OUT PARTS OF BODY NOT RECOVERED

● - Cervical)
5 - Thoracic) Vertebrae
4 - Lumbar)



Humerus	-	29.5	-	149.37
Femur	-	41.8	-	153.00
Tibia	-	32.6	-	147.67
Fibula	-	32.8	-	152.00
Ulna	-	23.8	-	154.00
				<u>756.04</u>

Estimated height: 150 cm or 4'11"

20. **MASS BURIAL CERTIFICATE (IF APPLICABLE)**
(Wherein segregation in whole or parts is impossible)

I CERTIFY THAT THE GROUP REMAINS CONSIST OF PARTS OF _____ DECEDENTS BASED ON THE PRESENCE OF ONE OR MORE OF THE FOLLOWING ANATOMICAL PARTS:

NUMBER

SIGNATURE OF MEDICAL OFFICER

21. REMARKS AND ADDITIONAL INFORMATION

No ROI, identification tags or personal effects found with remains.
 Estimated weight of remains - 6 lbs.
 Circumference of skull - 20 inches.

"UNIDENTIFIABLE"

REASON OF LACK OF SUFFICIENT IDENTIFYING DATA"

I CERTIFY THAT I HAVE PERSONALLY VIEWED THE REMAINS OF DECEASED AND THAT ALL RESULTING INFORMATION HAS BEEN RECORDED TO THE BEST OF MY KNOWLEDGE

TYPED NAME, GRADE, ARM OR SERVICE, AND ORGANIZATION

JAMES J. McDERMOTT
Laboratory Officer, CIP

SIGNATURE

EXHIBIT
10

293 FILE **DATA ON REMAINS NOT YET RECOVERED OR IDENTIFIED**

NAME (Last, First, Middle Initial) STEWART LOREN P		GRADE COL.	PRESENT SERIAL NUMBER 0-005881
ORGANIZATION 51st INF	RACE W	CREED —	FORMER SERIAL NUMBER (If applicable)
DATE OF DEATH/MIA 13 JAN 42	CAUSE OF DEATH KIA	PLACE OF DEATH OR PLACE LAST SEEN IF MIA PHILIPPINE ISLAND	
DATE OF FOD	HEIGHT 68"	WEIGHT 156	COLOR EYES —
			COLOR HAIR —
			SHOE SIZE ✓

DENTAL CHART **12 MAR 41**

UPPER RIGHT 8 7 X 5 4 3 2 1	UPPER LEFT 1 2 3 4 5 6 X X
LOWER RIGHT X 15 14 13 12 11 10 9	LOWER LEFT 9 10 11 X 13 X 15 X

X = Extracted **O = Carious** **1 = Carious Non-Restorable**

FRACTURES AND/OR BREAKS —	TATTOOS AND/OR BIRTHMARK —
-------------------------------------	--------------------------------------

ADDITIONAL INFORMATION

Gill
20 FEB 1948
Loe

293 Stewart, Loren P. 05 881

FINAL PART OF 2

ms
(WX FR DEM PERS REC DR AGO SL MO) 3 FEB 49

FOR MAJ SEKOWSKI QM LN

ON LOREN P STEWART 05881 WDAGO FORM 63 8 NOV 33 TEETH MISSING R 6
12 L 12 WDAGO FORM 63 14 FEB 39 TEETH MISSING R 6 14 L 6 12
14 16 RESTORABLE CARIOUS TEETH R 1 16 WDAGO FORM 63 18 JAN 40
TEETH MISSING R 6 8 14 L 8 12 14 WDAGO FORM 63 DTD 26 FEB 41
TEETH MISSING R 6 16 L 7 8 12 14 1 FORMS 79 NOT FD 6
PHOTOSTAT COPIES OF FORM 63 BEING SENT

~~File
8 Feb 49
G. W. ROGERS
Capt., QMC
Identification Branch~~

R/R BRANCH, MEMORIAL DIVISION, OQ

IDENTIFICATION DENTAL CHART

TO BE USED WITH QMC FORMS NOS. 1042 & 1044 IN PLACE OF CHART THEREON, AND TO BE ATTACHED TO AND FORWARDED WITH THESE FORMS WHEN ACCOMPLISHED.

19 August 1947

DATE

UNKNOWN X-618
 LAST NAME FIRST INITIAL RANK SERIAL NO.
 UNIT ORGANIZATION
 Cagayan, Mindanao USAF Cemetery Leyte #1 8538
 PLACE OF DEATH PLACE OF BURIAL PLOT ROW GRAVE NO.

	RIGHT								UPPER TEETH				LEFT								
	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8					
TYPE																		TYPE			
LOCATION																		LOCATION			

Full Gold Crown
INSIDE — LOOKING OUT

	RIGHT								LOWER TEETH				LEFT								
	16	15	14	13	12	11	10	9	9	10	11	12	13	14	15	16					
TYPE																	TYPE				
LOCATION																	LOCATION				

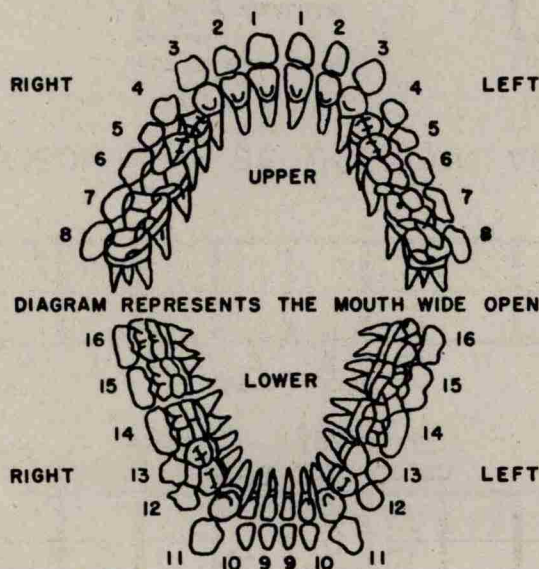
KEY OF SYMBOLS TO BE USED ON ABOVE CHART

SYMBOLS IN WHOLE BOX	TYPE OF FILLING IN UPPER HALF OF BOX	LOCATION OF FILLING IN LOWER HALF OF BOX
EXTRACTED	AMALGAM (SILVER)	MESIAL (BETWEEN-TOWARD FRONT)
CAVITY. INDICATE LOCATION	GOLD	OCCLUSAL (BITING SURFACE BACK TEETH)
FIXED BRIDGE (INCL. ABUTMENTS)	SILICATE OR PORCELAIN	DISTAL (BETWEEN-TOWARD BACK)
TEETH REPLACED BY DENTURE	OXYPHOSPATE (CEMENT)	LINGUAL (TOWARD TONGUE)
POSTHUMOUSLY MISSING (LOST AFTER DEATH)		FACIAL (TOWARD CHEEK)

Declassified Per E.O. 13526 dtd 5 Jan 2010

INSTRUCTIONS:

1. **ACCURACY AND ATTENTION TO DETAIL** IN THE PREPARATION OF THIS CHART ARE OF PARAMOUNT IMPORTANCE, IF SAME IS TO BE OF MAXIMUM VALUE.
2. **NOTE CAREFULLY THAT:** SYMBOLS INDICATING MISSING TEETH, CAVITIES AND BRIDGE-WORK ARE TO BE INSERTED IN **WHOLE BOX**; SYMBOLS INDICATING **TYPE OF FILLING** ARE TO BE INSERTED IN **UPPER HALF** OF BOX; AND SYMBOLS INDICATING **LOCATION OF FILLING** ARE TO BE INSERTED IN **LOWER HALF** OF BOX.
3. ANY ABNORMALITIES SUCH AS MALPOSED, MALFORMED OR DISCOLORED TEETH, ETC. SHOULD BE NOTED. DENTAL WORK NOT COVERED ABOVE WILL BE INDICATED, *e.g.*, PORCELAIN CROWNS, GOLD CROWNS (FULL OR 3/4), 3/4 GOLD CROWN WITH SILICATE WINDOW.
4. FOR INFORMATION OF STANDARD NUMBERING OF TEETH, SEE DIAGRAM BELOW.



REMARKS:

Edwin Gregurek
SIGNATURE OF PERSON WHO PREPARED CHART

EDWIN GREGUREK P.F.C.
NAME AND RANK TYPED OR PRINTED

USAF Cemetery Leyte #1
PLACE OR HQ. WHERE THIS FORM ACCOMPLISHED

A.P. Singson
VERIFIED BY GRS OFFICER
A.P. SINGSON, 1st Lt. Inf.
NAME AND RANK TYPED OR PRINTED

19 August 1947
DATE

R/R BRANCH, MEMORIAL DIVISION, OGD

X-2322

IDENTIFICATION DENTAL CHART

TO BE USED WITH QMC FORMS NOS. 1042 & 1044 IN PLACE OF CHART THEREON,
 AND TO BE ATTACHED TO AND FORWARDED WITH THESE FORMS WHEN ACCOMPLISHED.

UNKNOWN X-2322 (Formerly UNK X-618) 1 Dec 47
 USAF Gen Leyte #1, P.I. DATE
 LAST NAME FIRST INITIAL RANK SERIAL NO.

Unknown Unknown
 Cagayan, Misamis UNIT AGRS Mausoleum ORGANIZATION
 Oriental, Mindanao, P.I. Manila, P.I. 802 A 206
 PLACE OF DEATH PLACE OF BURIAL PLOT ROW GRAVE NO.

See Remarks STORAGE

	RIGHT								UPPER TEETH		LEFT								
	8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8			
TYPE	<i>P</i>	<i>O</i>	<i>A/O</i>							<i>S</i>				<i>O</i>	<i>P</i>	<i>X</i>	TYPE		
LOCATION										<i>m</i>							LOCATION		

INSIDE — LOOKING OUT

	RIGHT								LOWER TEETH		LEFT								
	16	15	14	13	12	11	10	9	9	10	11	12	13	14	15	16			
TYPE	<i>O</i>	<i>A</i>	<i>X</i>											<i>X</i>	<i>A</i>		TYPE		
LOCATION															<i>m</i>		LOCATION		

KEY OF SYMBOLS TO BE USED ON ABOVE CHART

<p>SYMBOLS IN WHOLE BOX</p> <p><i>X</i> EXTRACTED</p> <p><i>O</i> CAVITY INDICATE LOCATION</p> <p><i>[Bridge]</i> FIXED BRIDGE (INCL. ABUTMENTS)</p> <p><i>[Denture]</i> TEETH REPLACED BY DENTURE</p> <p><i>P</i> POSTHUMOUSLY MISSING (LOST AFTER DEATH)</p>	<p>TYPE OF FILLING IN UPPER HALF OF BOX</p> <p><i>A</i> AMALGAM (SILVER)</p> <p><i>G</i> GOLD</p> <p><i>S</i> SILICATE OR PORCELAIN</p> <p><i>O</i> OXYPHOSPATE (CEMENT)</p>	<p>LOCATION OF FILLING IN LOWER HALF OF BOX</p> <p><i>m</i> MESIAL (BETWEEN-TOWARD FRONT)</p> <p><i>o</i> OCCLUSAL (BITING SURFACE BACK TEETH)</p> <p><i>d</i> DISTAL (BETWEEN - TOWARD BACK)</p> <p><i>l</i> LINGUAL (TOWARD TONGUE)</p> <p><i>f</i> FACIAL (TOWARD CHEEK)</p>
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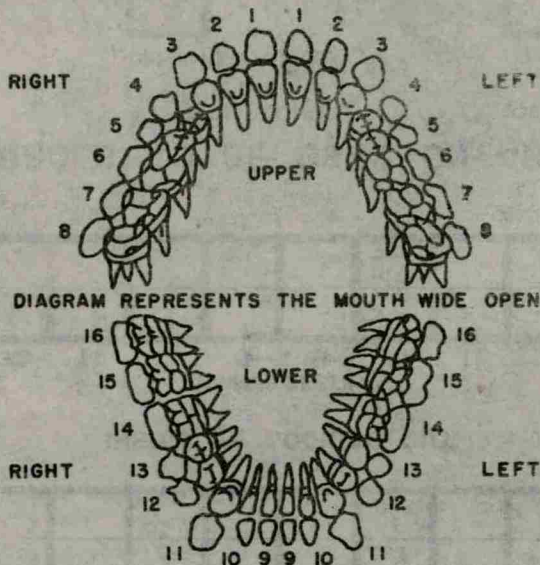
INSTRUCTIONS:

1. **ACCURACY** AND **ATTENTION TO DETAIL** IN THE PREPARATION OF THIS CHART ARE OF PARAMOUNT IMPORTANCE, IF SAME IS TO BE OF MAXIMUM VALUE.

2. **NOTE CAREFULLY** THAT: SYMBOLS INDICATING MISSING TEETH, CAVITIES AND BRIDGE-WORK ARE TO BE INSERTED IN **WHOLE BOX**; SYMBOLS INDICATING **TYPE OF FILLING** ARE TO BE INSERTED IN **UPPER HALF** OF BOX; AND SYMBOLS INDICATING **LOCATION OF FILLING** ARE TO BE INSERTED IN **LOWER HALF** OF BOX.

3. ANY ABNORMALITIES SUCH AS MALPOSED, MALFORMED OR DISCOLORED TEETH, ETC. SHOULD BE NOTED. DENTAL WORK NOT COVERED ABOVE WILL BE INDICATED, e.g., PORCELAIN CROWNS, GOLD CROWNS (FULL OR 3/4), 3/4 GOLD CROWN WITH SILICATE WINDOW.

4. FOR INFORMATION OF STANDARD NUMBERING OF TEETH, SEE DIAGRAM BELOW.



REMARKS:

Rt 1 Full gold crown.
L 1 Fractured.

/s/ Charles H. Vanderbilt
SIGNATURE OF PERSON WHO PREPARED CHART

/s/ John H. Bennett Jr.
VERIFIED BY GRS OFFICER

/p/ CHARLES H. VANDERBILT C-064897
NAME AND RANK TYPED OR PRINTED

/p/ JOHN H. BENNETT JR.
NAME AND RANK TYPED OR PRINTED

CIP Laboratory, Manila, P.I.
PLACE OR HQ. WHERE THIS FORM ACCOMPLISHED

1 Dec 47
DATE

CERTIFIED TRUE COPY

George T. Gamboa
GEORGE T GAMBOA
2d Lt., MAC

IDENTIFICATION DATA

1. REMAINS OF UNKNOWN UNKNOWN X-2322 (Formerly X-618 Leyte #1)				2. DATE OF REPORT 4 March 1950	
3. NAME OF CEMETERY AGRS Mausoleum, Manila, P.I.		4. PLOT 802	5. ROW A	6. GRAVE 206	7. DATE OF DISINTERMENT REINTERMENT

PHYSICAL DESCRIPTION				AGE: 23 to 28 years	
8. ESTIMATED WEIGHT 122-142 lbs.	9. ESTIMATED HEIGHT 5' 3-1/8"	10. COLOR OF HAIR U T D	11. RACE Mongoloid (Very probably Filipino)		

12. GIVE DESCRIPTION OF ANY OFFICIAL IDENTIFICATION FOUND WITH REMAINS

N O N E

13. GIVE DESCRIPTION OF TATTOOS OR SCARS ON BODY AND/OR SUCH INFORMATION OBTAINED FROM OTHER SOURCES

N O N E

14. WAS BODY BURNED? TO WHAT EXTENT?
 YES NO

15. WAS BODY MANGLED? TO WHAT EXTENT?
 YES NO

16. DESCRIBE EVIDENCE OF HEALED FRACTURES AND BONE MALFORMATIONS

N O N E

17. LIST EVERY ITEM OF CLOTHING, EQUIPMENT AND PERSONAL EFFECTS FOUND, SHOWING THE TYPE, COLOR, SIZE, MARKINGS, SERVICE, ETC. (If laundry marks are indistinct such notation should be made and specimen forwarded through channels for examination when facilities are not available in the area)

N O N E

"UNIDENTIFIABLE"
"BY REASON OF LACK OF SUFFICIENT IDENTIFYING DATA"

Jan 132

X-2322 Maus

18. TOOTH CHART

<p>MISSING TEETH: ALL TEETH MISSING THROUGH EXTRACTION (NOT THOSE FRACTURED OR DISPLACED BY RECENT WOUNDS) SHOULD BE "X" D OUT AND LABELED THUS:</p>	<p>TOP VIEW</p>	<p>SIDE VIEW</p>
	<p>CROWNED TEETH: BLOCK IN SOLID AND CROWN OF TOOTH (LABEL GOLD, PORCELAIN, SILVER OR GOLD AND PORCELAIN), THUS:</p>	<p>Gold Crown, Porcelain Crown</p>
<p>BRIDGE WORK: BLOCK IN SOLID AND CROWN OF TOOTH (LABEL GOLD BRIDGE, GOLD AND PORCELAIN BRIDGE), THUS:</p>	<p>Gold Bridge</p>	
<p>FILLINGS: DRAW FILLING ON TOOTH AS ACCURATELY AS POSSIBLE (BLOCK IN AND LABEL GOLD, SILVER, CEMENT), THUS:</p>	<p>Gold Filling, Silver Filling</p>	
<p>CARIES (Cavities): OUTLINE LOCATION AND SIZE OF CAVITY, SHADE IN THUS:</p>	<p>Cavity, Decayed</p>	

RIGHT								LEFT							
8	7	6	5	4	3	2	1	1	2	3	4	5	6	7	8
$\frac{P}{O}$	$\frac{O}{O}$	$\frac{A/O}{O}$					$\frac{P}{O}$		$\frac{S}{M}$				X	$\frac{O}{O}$	$\frac{P}{O}$
Side Views								Side Views							
Top Views								Top Views							
Side Views								Side Views							
UPPER								LOWER							
$\frac{O}{O}$	$\frac{A}{O}$	X					$\frac{O}{O}$						X	$\frac{A}{M/O}$	
16	15	14	13	12	11	10	9	9	10	11	12	13	14	15	16

broken & missing

DENTURES (Plates): DRAW DIAGRAM OF RELATIVE SIZE AND SHAPE OF PLATE, BLOCK IN TEETH ATTACHED AND INDICATE RETAINING CLASPS ON NATURAL TEETH WITH THE WORD, "CLASP."

"UNIDENTIFIABLE"

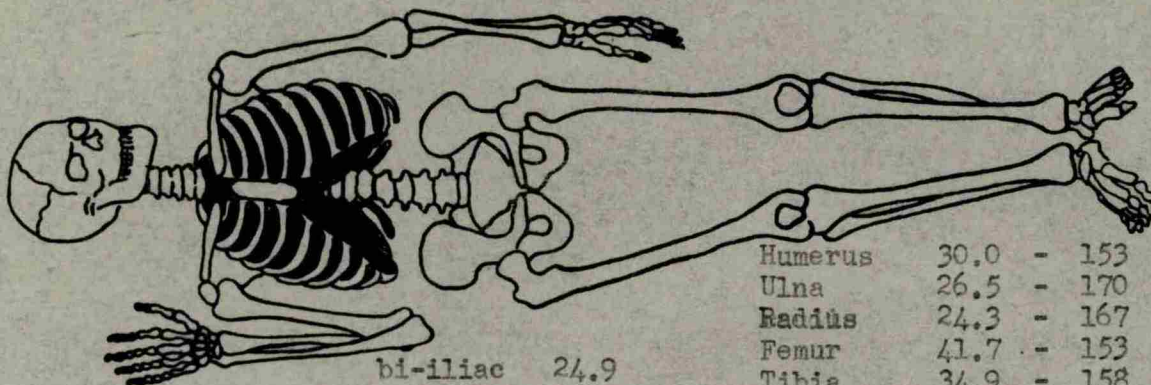
PAUL R NICHOLS
 Chief, Identification Section

BY REASON OF LACK OF SUFFICIENT IDENTIFYING DATA

QMC FORM 1044a
 18 MAR 47

X-2322 Maus

19. BLACK-OUT PARTS OF BODY NOT RECOVERED



bi-iliac 24.9
 Estimated height 5' 3-1/8"

Humerus	30.0	-	153
Ulna	26.5	-	170
Radius	24.3	-	167
Femur	41.7	-	153
Tibia	34.9	-	158
Fibula	35.1	-	162
			<u>6/963</u>
			160 1/2

20. **MASS BURIAL CERTIFICATE (IF APPLICABLE)**
 (Wherein segregation in whole or parts is impossible)

I CERTIFY THAT THE GROUP REMAINS CONSIST OF PARTS OF _____ DECEDENTS BASED ON THE PRESENCE OF ONE OR MORE OF THE FOLLOWING ANATOMICAL PARTS:

NUMBER

 SIGNATURE OF MEDICAL OFFICER

21. REMARKS AND ADDITIONAL INFORMATION

No identification Tags, personal effects or any other means of identification found with remains.

Circumference of skull - 20 inches.

Estimated weight of remains - 8 1/2 lbs.

"UNIDENTIFIABLE"

"BY REASON OF LACK OF SUFFICIENT IDENTIFYING DATA"

I CERTIFY THAT I HAVE PERSONALLY VIEWED THE REMAINS OF DECEASED AND THAT ALL RESULTING INFORMATION HAS BEEN RECORDED TO THE BEST OF MY KNOWLEDGE

TYPED NAME, GRADE, ARM OR SERVICE, AND ORGANIZATION
 PAUL R NICHOLS
 Chief, Identification Section

SIGNATURE

June 13 47

293 FILE		DATA ON REMAINS NOT YET RECOVERED OR IDENTIFIED		
NAME (Last, First, Middle Initial) FORT GUY O		GRADE BRIG-GEN	PRESENT SERIAL NUMBER 0952305	
ORGANIZATION 81 DIV (P.A.) ✓	RACE WHITE	CREED	FORMER SERIAL NUMBER (if applicable)	
DATE OF DEATH/MIA 13-NOV-42	CAUSE OF DEATH KIA ✓	PLACE OF DEATH OR PLACE LAST SEEN IF MIA DANSALAN, LANAO, P.I.		
DATE OF FOD		PACIFIC AREA ✓		
HEIGHT 68 1/2"	WEIGHT 151 1/2#	COLOR EYES	COLOR HAIR	SHOE SIZE
DENTAL CHART <i>Jan. 18, 1917 ✓ 38 ym</i>				
UPPER RIGHT 8 7 6 X 4 3 2 1		UPPER LEFT 1 2 3 4 X 6 7 8		
LOWER RIGHT 16 15 X 13 12 11 10 9		LOWER LEFT 9 10 11 12 13 14 15 16		
X = Extracted		O = Carious		1 = Carious Non-Restorable
FRACTURES AND/OR BREAKS <i>3 RIBS BROKEN, LEFT SIDE, 1911 ARROW WOUND, CALF, LEFT LEG, SLIGHT BULLET AVAN, CALF, RT. LEG, SLIGHT.</i>		TATTOOS AND/OR BIRTHMARK		
ADDITIONAL INFORMATION <i>62 yrs old (27 JAN. 1879) ✓</i>				
<i>201 files of Gen. Fort were perused thoroughly and nothing was contained therein re physical + dental characteristics, creed, etc.</i>				
DPRB-21-FEB-46				

DDMG FORM 371
23 SEP 46

U. S. GOVERNMENT PRINTING OFFICE 16-49865-1

DATE FORWARDED TO FIELD _____