PROJECT 10073 RECORD

1. DATE - TIME GROUP 21 November 50 22/0700Z	2. LOCATION Unknown
3. SOURCE Military	10. CONCLUSION INSUFFICIENT DATA FOR EVALUATION
4. NUMBER OF OBJECTS One	To old to investigate. Report of object falling into water. Information supplied to AF for possible aft receiving object.
5. LENGTH OF OBSERVATION Not Reported	11. BRIEF SUMMARY AND ANALYSIS ~~[illegible]~~
6. TYPE OF OBSERVATION Ground-Visual	See Case File.
7. COURSE NE	
8. PHOTOS ☐ Yes ☒ No	
9. PHYSICAL EVIDENCE ☐ Yes ☒ No	

FORM
FTD SEP 63 0-329 (TDE) Previous editions of this form may be used.

DISPOSITION FORM

SECURITY CLASSIFI ON (If any) [redacted]

FILE NO.

SUBJECT (~~Restricted~~) Unidentified Object Which Fell in Water Off Okinawa, Nov 50

TO Chief, Air Technical Intelligence Center Wright-Patterson AFB Ohio

FROM Dept of the Air Force Hq USAF - AFOIN-2A2

DATE 0[illegible] '952

COMMENT NO. 1 Maj Fournet/dbv/75990

1. Reference our DF dated 28 August 1952, same subject as above.

2. Large scale maps of the area in question were obtained and the correct spot located. It will be noted on Incl 1 that the water off the village of Ginama is rather deep. According to Sgt[redacted]s sketch, the object would have fallen in at least 10 fathoms of water. A search for the object would entail diving operations at this depth over an area of approximately one-half square mile or more. For this reason it is considered impractical to request an attempt at recovery.

3. It is suggested that all documents pertaining to this case be filed in the event that the future status of Project Blue Book warrants a recovery attempt.

4. All documents referring to this case are returned herewith.

6 Incls

1. Map 3727-1 SW, 1:25,000
2. Map 3727-111 NE, 1:25,000
3. Transcript of interview w/Sgt[redacted]
4. Memo of Sgt [redacted] comments
5. Hydro Chart Okinawa
6. Aero Chart Okinawa

for J. E. Beck Capt.
WILLIAM A. ADAMS
Colonel, USAF
Chief, Topical Division
Deputy Director for Estimates
Directorate of Intelligence, DCS/O

When incl(s) No. 1-6 [illegible] ~~to~~ [illegible] the Restricted [illegible] of this [illegible] graded to Unclassified in accordance with [illegible] 205-1.

DOWNGRADED AT 3 YEAR INTERVALS
DECLASSIFIED AFTER 12 YEARS.
DOD DIR 5200.10

[redacted]

DD FORM 1 FEB 50 96 REPLACES NME FORM 96, 1 OCT 48, WHICH MAY BE USED 16—54801-3 U. S. GOVERNMENT PRINTING OFFICE : 1952 O - 996875

3712-33

UNCLASSIFIED

[redacted]

([redacted]) Unidentified object which fell in water off Okinawa, Nov 50

Chief, Air Technical
Intelligence Center
Wright-Patterson AFB
Ohio

Dept of the Air Force
Hq USAF -AFOIN-2a2

Maj Fournet/fh/
71016

1. Reference recent report of interview with T/Sgt [redacted] of WADC regarding above subject, an attempt has been made to determine the feasibility of requesting an investigation by the military authorities on Okinawa. A hydrographic chart of the area (Incl. 1) was obtained in order to study the soundings. However, a question arose over the exact location. On the aeronautical chart (Incl. 2), Sgt [redacted] indicated the location at the northermost point of the island (Hedo-misaki or Hedo Saki), but on checking his sketch against Inclosure 1, it appears more probable that the location was actually Oku since there is a lagoon there about 1 mile wide and a native village at the southern edge of the lagoon, which seems to check with his sketch.

2. Request Sgt [redacted] be reinterrogated, using Inclosure 1, to determine the most probable location in question. In addition an attempt should be made to pinpoint the exact location at which object entered water.

3. If it transpires that the lagoon at Oku is the proper location, it will probably be feasible to investigate since the water is very shallow. Should it be at Hedo Saki, however, the depth of the water will probably prohibit an investigation.

4. Request return of Inclosures 1 and 2 with reply.

BY COMMAND OF THE CHIEF OF STAFF:

AFOIN 2A2 comeback cy

2 Incls(9/orig only)
1. Hydro cht Okinawa
2. Aero cht Okinawa

s/ Hamlone

WILLIAM W. WILCOX
Colonel, USAF
Chief, Policy and Management Group
Office, Deputy Director for Estimates
Dire[illegible] Intelligence

[redacted]

UNCLASSIFIED

[redacted]

UNCLASSIFIED

AFOIN-2A2
Maj Fournet/dmb/71016
Wrtn 25 Aug 52

MEMORANDUM FOR RECORD

PROBLEM:

1. To prepare DF to ATIC.

FACTS AND DISCUSSION:

2. T/Sgt [redacted], assigned to WADC at W-P AFB, recently appeared in person before Project Blue Book personnel at ATIC and volunterred information concerning the sighting of an u/i flyob on Okinawa in Nov 50. He stated that the object had fallen into the sea.

3. Sgt [redacted] pointed out the approximate location on a map and drew a large scale sketch of the area.

4. This information was forwarded to AFOIN-2A2 for the purpose of determining the feasibility of an attempt to recover or otherwise locate and examine the object.

5. A hydrographic chart of the area was obtained to determine the soundings and thereby judge the feasibility of an investigation. However, it was found that the data reported by Sgt [redacted] did not tally with the hydrographic chart. ATIC is therefore being requested to reinterrogate Sgt [redacted] in order to resolve these differences. The attached DF will accomplish this.

6. Subject matter will not be suitable for inclusion in the Daily Staff Digest.

ACTION RECOMMENDED:

7. Approval, signature and dispatch of attached DF.

COORDINATION:

AFOIN-2A2, Col Wolfe, 75990
AFOIN-2A, Col Adams, 71564
AFOIN-2, Col Morrow, 71110

UNCLASSIFIED

[redacted]

Memorandum for Record

Subject: Report of Unexplained Incident on Okinowa

CAPT[redacted] It was two days before Thanksgiving 1950 sometime after 1900 Local Time. You were playing pinochle. Is that correct?

SOURCE: We were playing pinochle.

CAPT RUPPELT: And the first thing you heard was this noise.

SOURCE: Sounded like a motor and the motor died.

CAPT RUPPELT: Did it sound like a conventional aircraft?

SOURCE: No, sir.

CAPT RUPPELT: It did not sound like a conventional aircraft.

SOURCE: I've heard too many of them. I've got 12 years of service and most of it has been around aircraft where you distinguish the difference between single engine and multi engine aircraft.

CAPT RUPPELT: Have you ever heard of any of these ramjets, not ramjets but pulse jet engines over here at Area B? It is sort of a stacoto sound.

SOURCE: Yes.

CAPT RUPPELT: Did it sound like that at all?

SOURCE: No.

CAPT RUPPELT: It didn't. But it was definitely different from an aircraft engine.

SOURCE: It was mostly different from other aircraft.

CAPT RUPPELT: You know a Jap "Betty" sounded like that but they wouldn't have any Betty's at that date. I'm mixed up on my dates here. And you were playing pinochle up here in this out post (see sketch).

SOURCE: From here to here for about four or five miles.

CAPT RUPPELT: Some of your people were coming back from town.

Doc 3

SOURCE: Coming back from Guiana.

CAPT RUPPELT: And there on one side of the lagoon and there was a native coming out of the tunnel on the other side. So actually there is a light of sight across the lagoon. And it fell somewhere near the mouth of the lagoon. Did the people in the village see it?

SOURCE: Yes.

CAPT RUPPELT: And it looked just like a great big white landing light and it met with the others from the description in the big white landing light. It was coming in. Do you have any idea which way it was coming in?

SOURCE: It came in from this direction (NE).

CAPT RUPPELT: And then you say that later on sometime after the 26th of December you were up at this northern outpost and you got to talk to them and they said that they saw a light about that time.

SOURCE: Right about that time.

CAPT RUPPELT: Well, ——, if it had been an airplane, one of ours, they should have gone out and looked for it.

SOURCE: Right after that I waited about a half hour then I called island control. If it were one of our aircraft he would have communication and he would check with them and there would be a mayday sent out. I checked to see if we had an aircraft down. Now whether or not they have that information on file I do not know. The Radio log is no longer on file because regulations require that they be discarded every six months.

CAPT RUPPELT: Maybe not, a heck of a lot of that stuff was destroyed. Well, that's very interesting. How do you spell your name?

SOURCE: [redacted] T/Sgt.

CAPT RUPPELT: And you're over at WADC and what's your symbol over there?

SOURCE: [redacted]

CAPT RUPPELT: That's over in the Electronics Sub-Division.

SOURCE: [redacted]

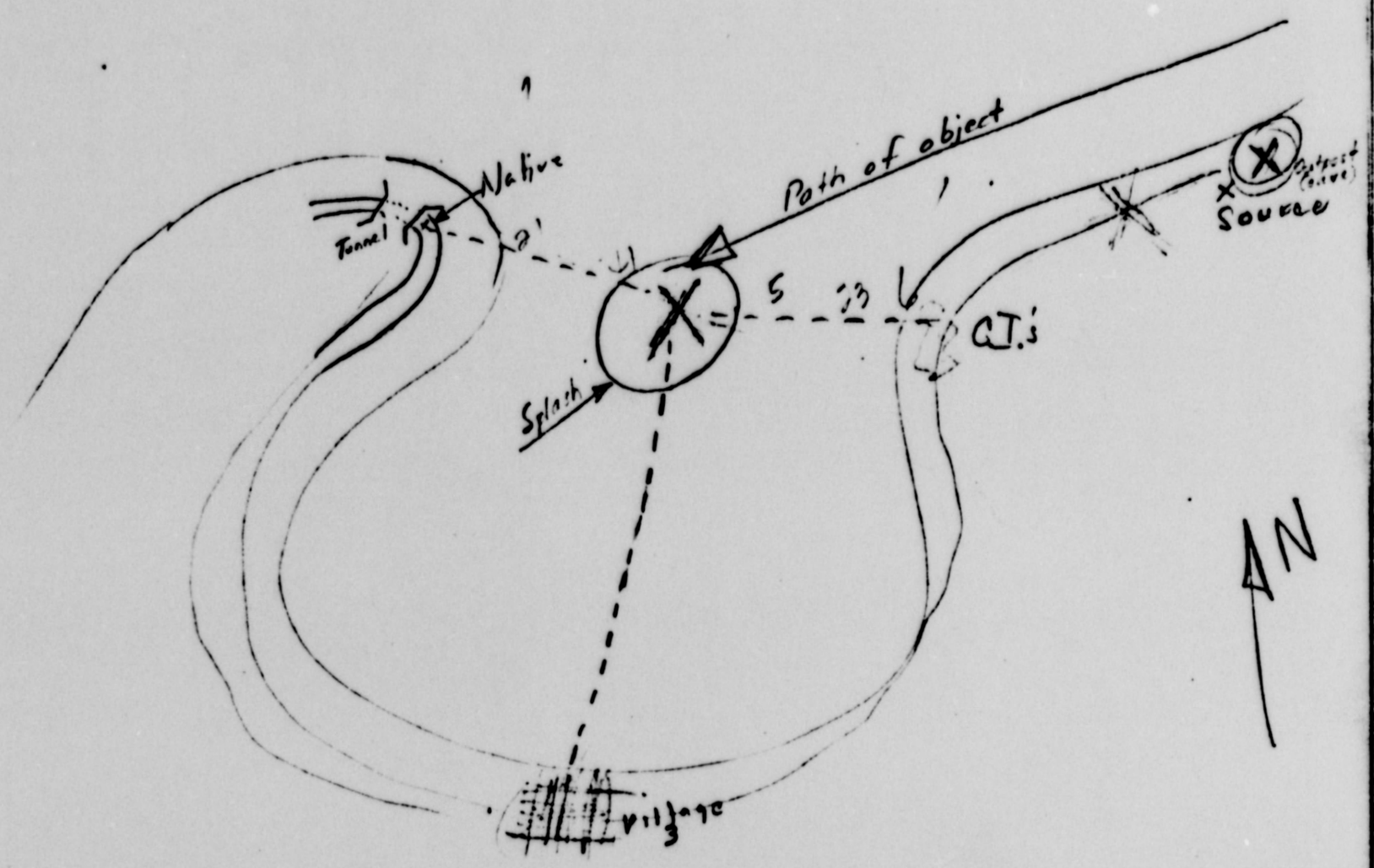
CAPT RUPPELT: Did both these guys see a splash? I mean the native and the G.I.'s. Do you know?

SOURCE: Well, now, the G.I. didn't see the splash. They did see the light. They thought it was just another aircraft. Lots of times aircraft would come over and turn on their lights to say "hello". We'd blink ours back to them.

CAPT RUPPELT: And they came up where you were playing pinochle and told you about it. It took them about three minutes to get up there?

SOURCE: A little longer than that. About five or ten minutes.

CAPT RUPPELT: O.K., then that's about it.

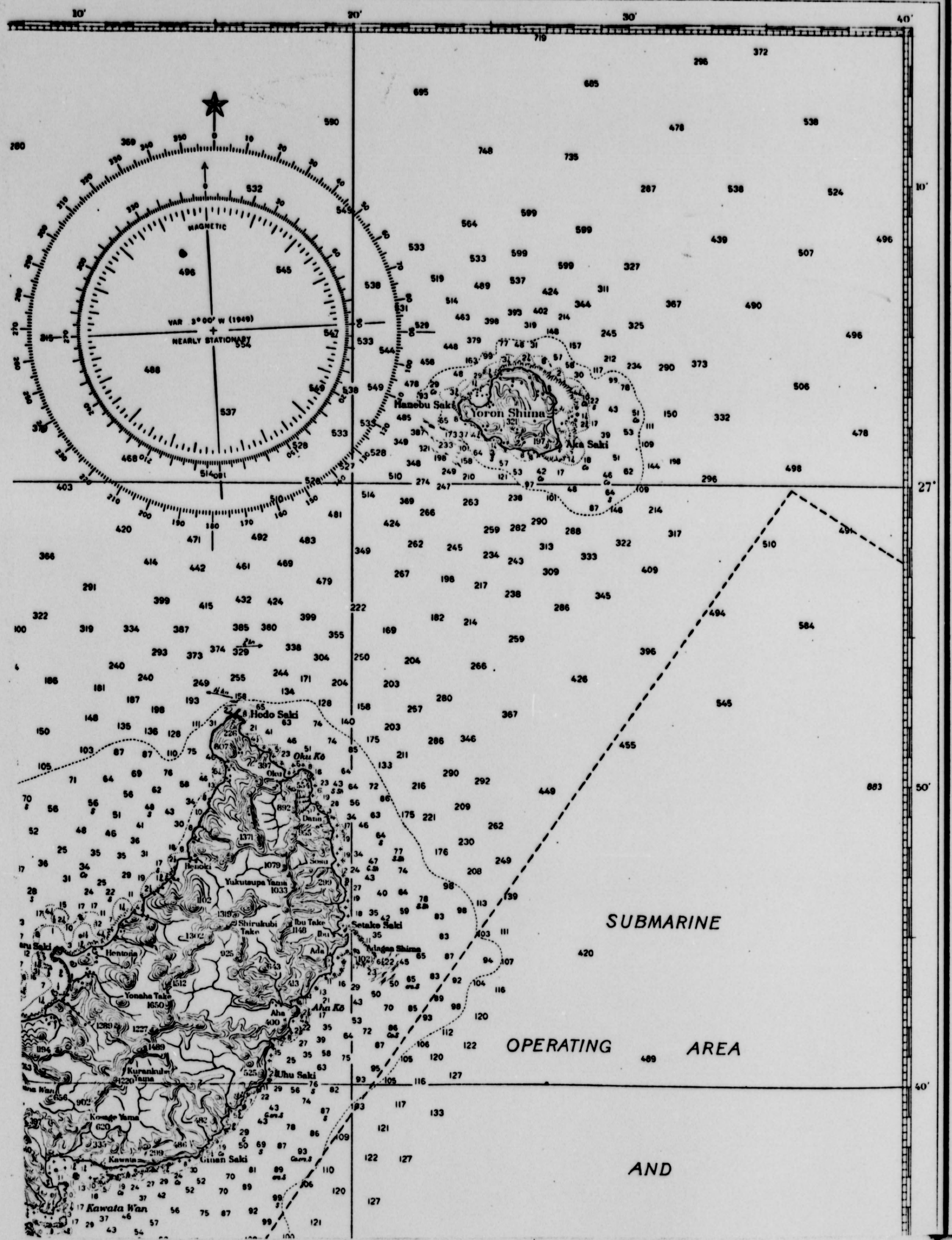


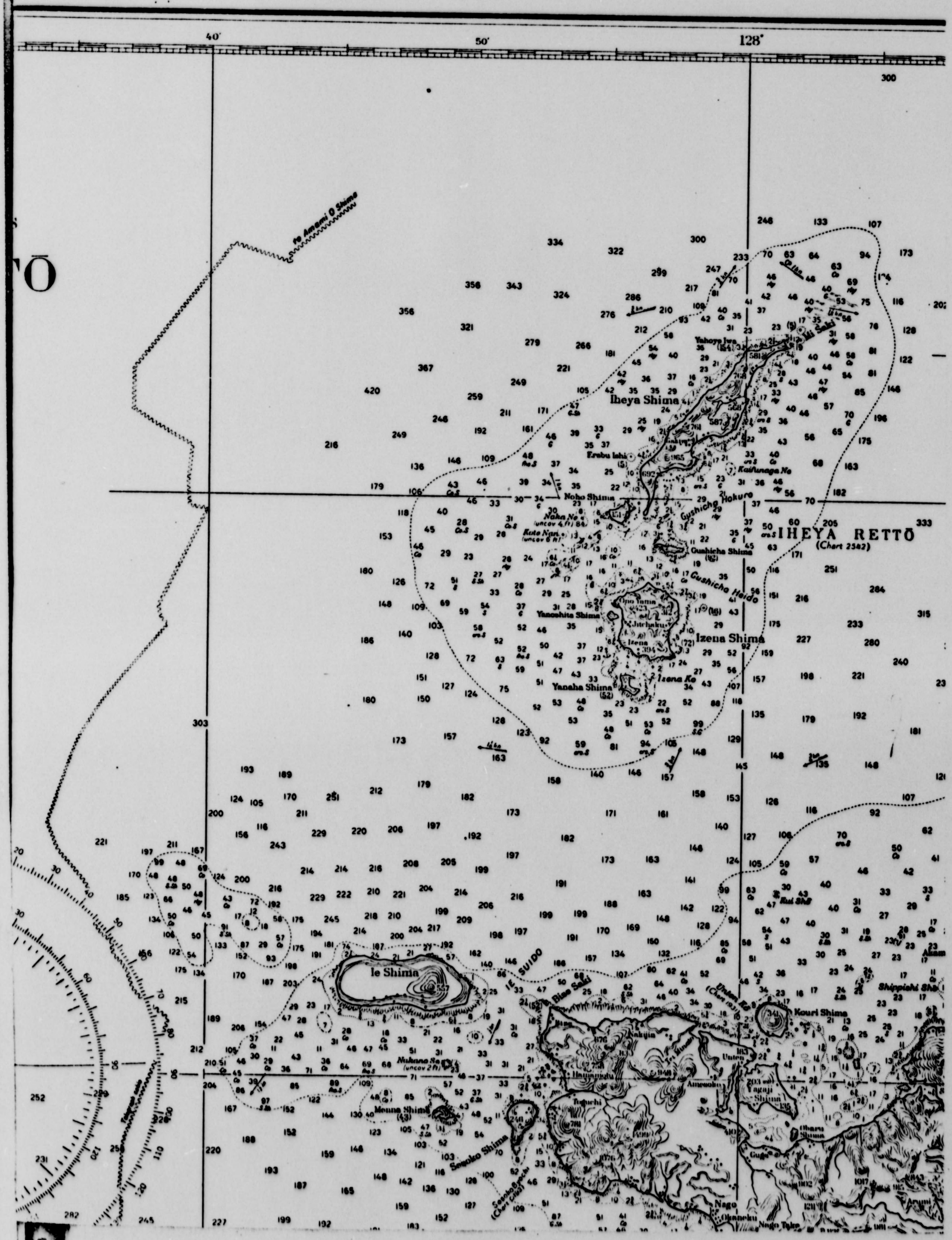
[redacted] swears the cove he refers to is on the extreme northern tip of Okinowa. No photomosaics here. [redacted] claims he is very familiar with Okinowa and cove he refers to is not on chart.

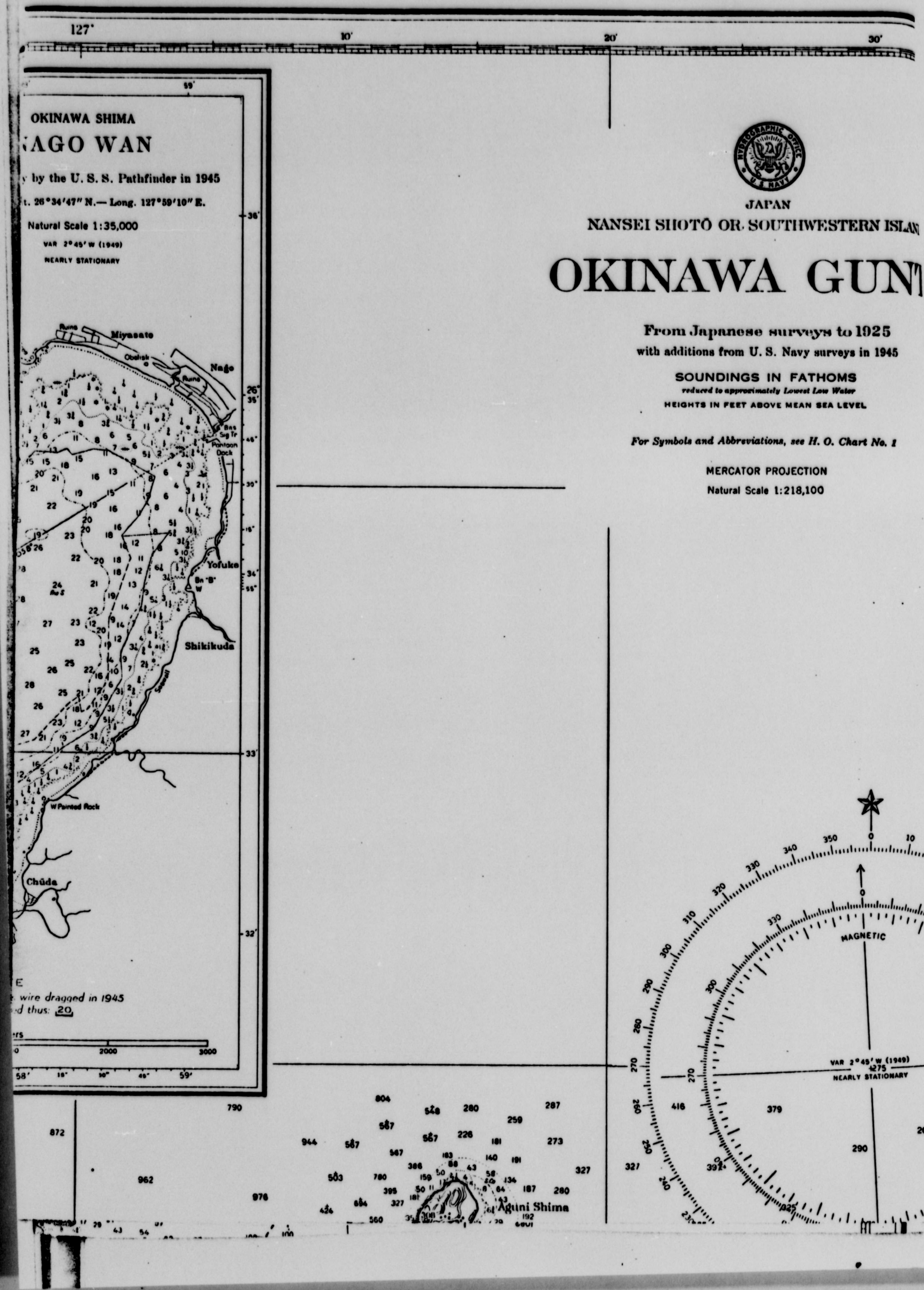
He says he is sure that cove was two to three miles wide. Depth was four fathoms. Either [redacted] is confused on the location or the cove is much smaller than he judged.

He offered to go back and point out spot. Says map must be wrong about no houses in area he mentions. I doubt it, however.

Incl 4

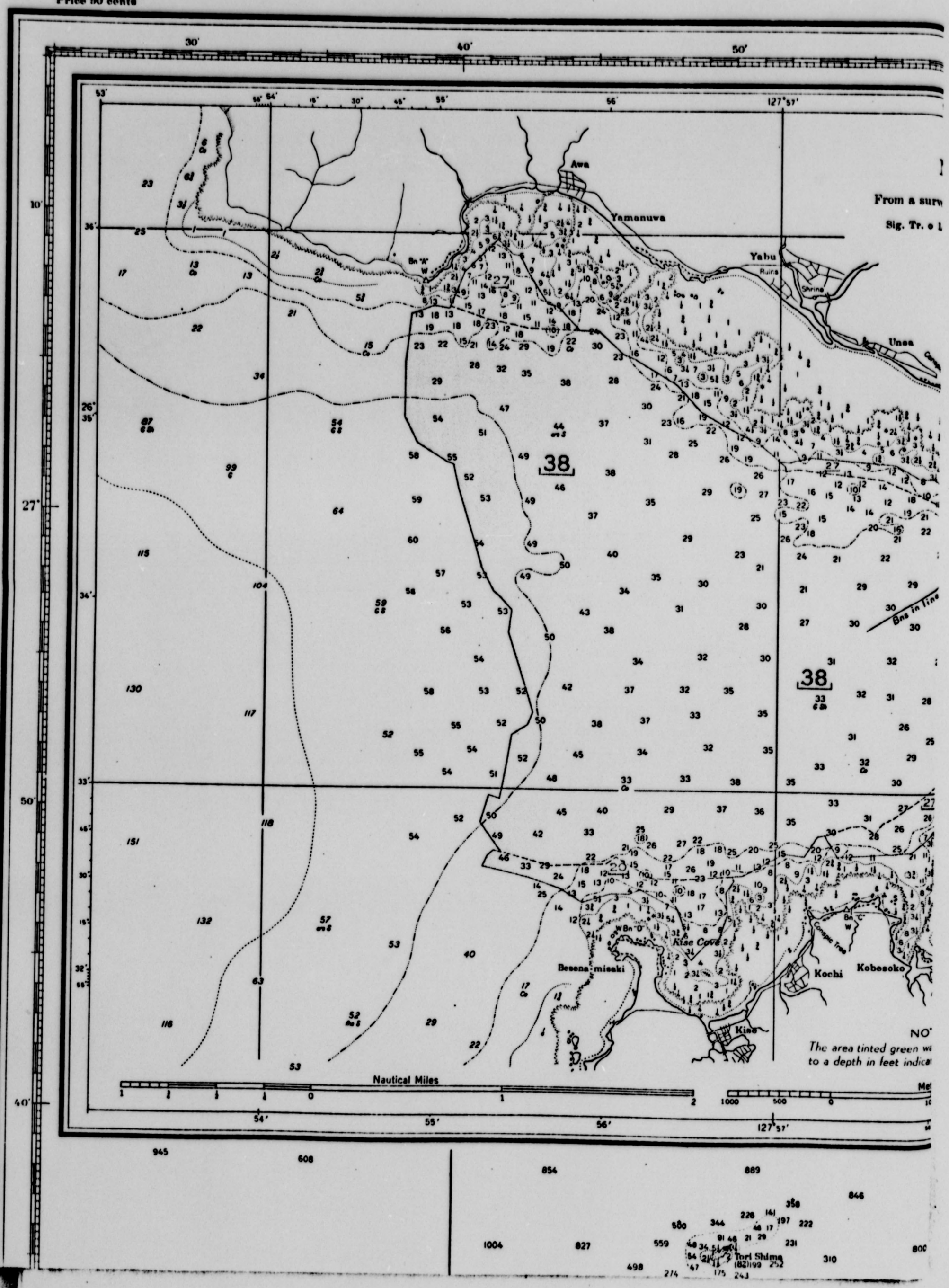

10'
20'
30'
40'
10'
27°
50'
40'
MAGNETIC
VAR 3° 00' W (1949)
NEARLY STATIONARY
Hanebu Saki
Yoron Shima
Aka Saki
Hodo Saki
Oku Kō
Setake Saki
Ada
Aha Kō
Uhu Saki
Gimen Saki
Kawata Wan
SUBMARINE
OPERATING AREA
AND

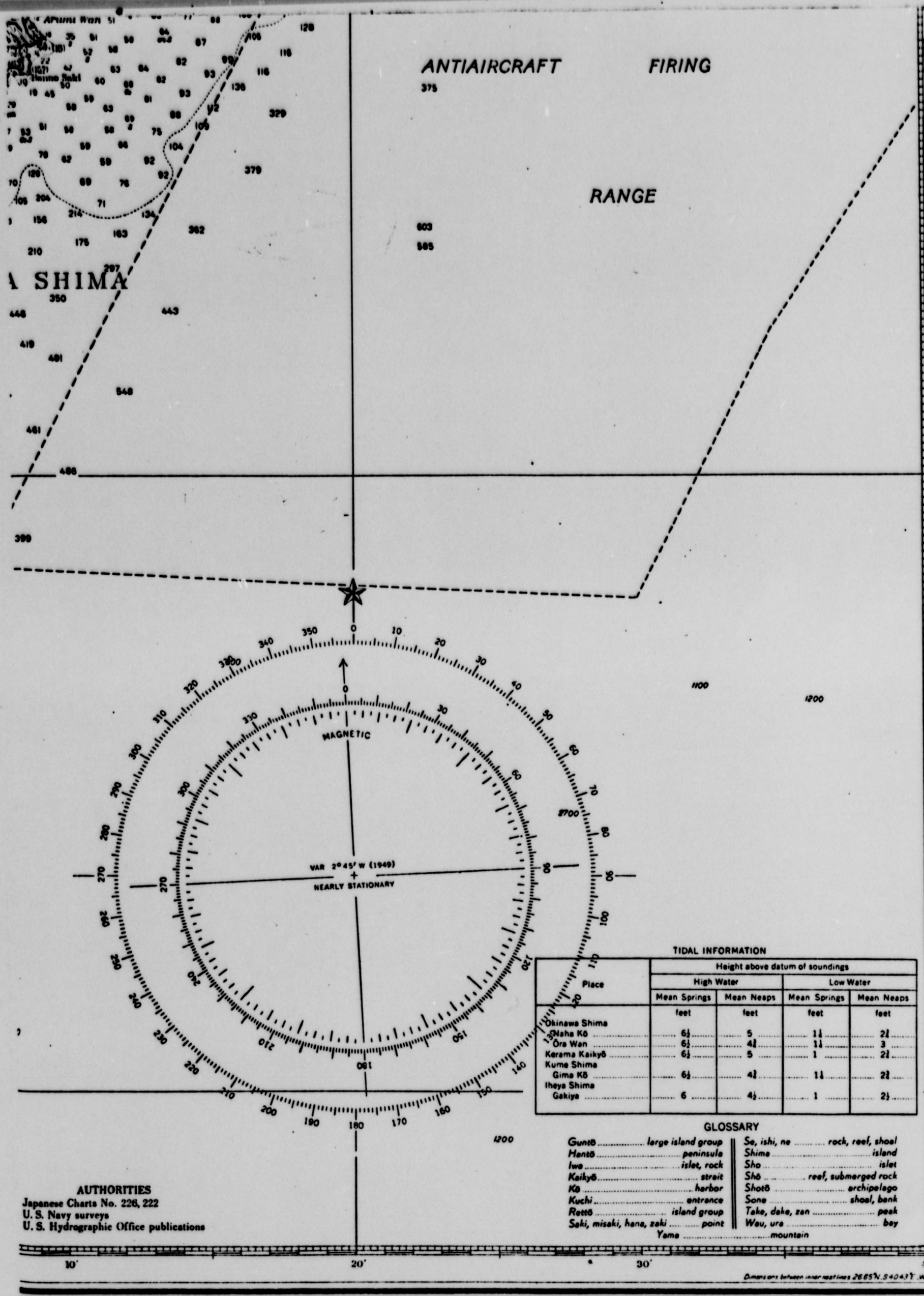

TŌ
40′
50′
128°
to Amami Ō Shima
IHEYA RETTŌ
(Chart 2542)
Iheya Shima
Yahoya Iwa
Mi Saki
Erabu Ishi
Kaifunaga Ne
Noho Shima
Gushicha Hokuro
Naka Ne (uncov 4 ft)
Kata Nan (uncov 6 ft)
Gushicha Shima
Gushicha Heido
Izena Shima
Yanoshita Shima
Izena Ko
Yanaha Shima
Ie Shima
IE SUIDO
Bise Saki
Unten Kō (Chart 1931)
Kouri Shima
Kui Shō
Shippishi Shō
Minna Shima
Nakano Se (uncov 2 ft)
Sesoko Shima
Sesoko Breach (Chart 1762)
Unten
Yagaji Shima
Nago
Nago Take


127°
10'
20'
30'
59'
OKINAWA SHIMA
AGO WAN
by the U. S. S. Pathfinder in 1945
t. 26°34'47" N.— Long. 127°59'10" E.
Natural Scale 1:35,000
VAR 2°45' W (1949)
NEARLY STATIONARY
Ruins
Miyasato
Obelisk
Nago
Ruins
Bns Sig Tr
Pontoon Dock
Yofuke
Bn "B" W
Shikikuda
W Painted Rock
Chūda
E
wire dragged in 1945
d thus: 20
2000
3000
JAPAN
NANSEI SHOTŌ OR SOUTHWESTERN ISLAN
OKINAWA GUN
From Japanese surveys to 1925
with additions from U. S. Navy surveys in 1945
SOUNDINGS IN FATHOMS
reduced to approximately Lowest Low Water
HEIGHTS IN FEET ABOVE MEAN SEA LEVEL
For Symbols and Abbreviations, see H. O. Chart No. 1
MERCATOR PROJECTION
Natural Scale 1:218,100
MAGNETIC
VAR 2°45' W (1949)
NEARLY STATIONARY
Agini Shima

No. 2338

Price 90 cents





TIDAL INFORMATION

Place	Height above datum of soundings			
	High Water		Low Water	
	Mean Springs	Mean Neaps	Mean Springs	Mean Neaps
	feet	feet	feet	feet
Okinawa Shima				
Naha Kō	6½	5	1¼	2¼
Ōra Wan	6½	4¾	1¼	3
Kerama Kaikyō	6½	5	1	2¼
Kume Shima				
Gima Kō	6½	4¾	1¼	2¾
Iheya Shima				
Gakiya	6	4½	1	2½

GLOSSARY

Guntō	large island group	Se, ishi, ne	rock, reef, shoal
Hantō	peninsula	Shima	island
Iwa	islet, rock	Sho	islet
Kaikyō	strait	Shō	reef, submerged rock
Kō	harbor	Shotō	archipelago
Kuchi	entrance	Sone	shoal, bank
Rettō	island group	Take, dake, zan	peak
Saki, misaki, hana, zaki	point	Wau, ura	bay
Yama	mountain		

AUTHORITIES

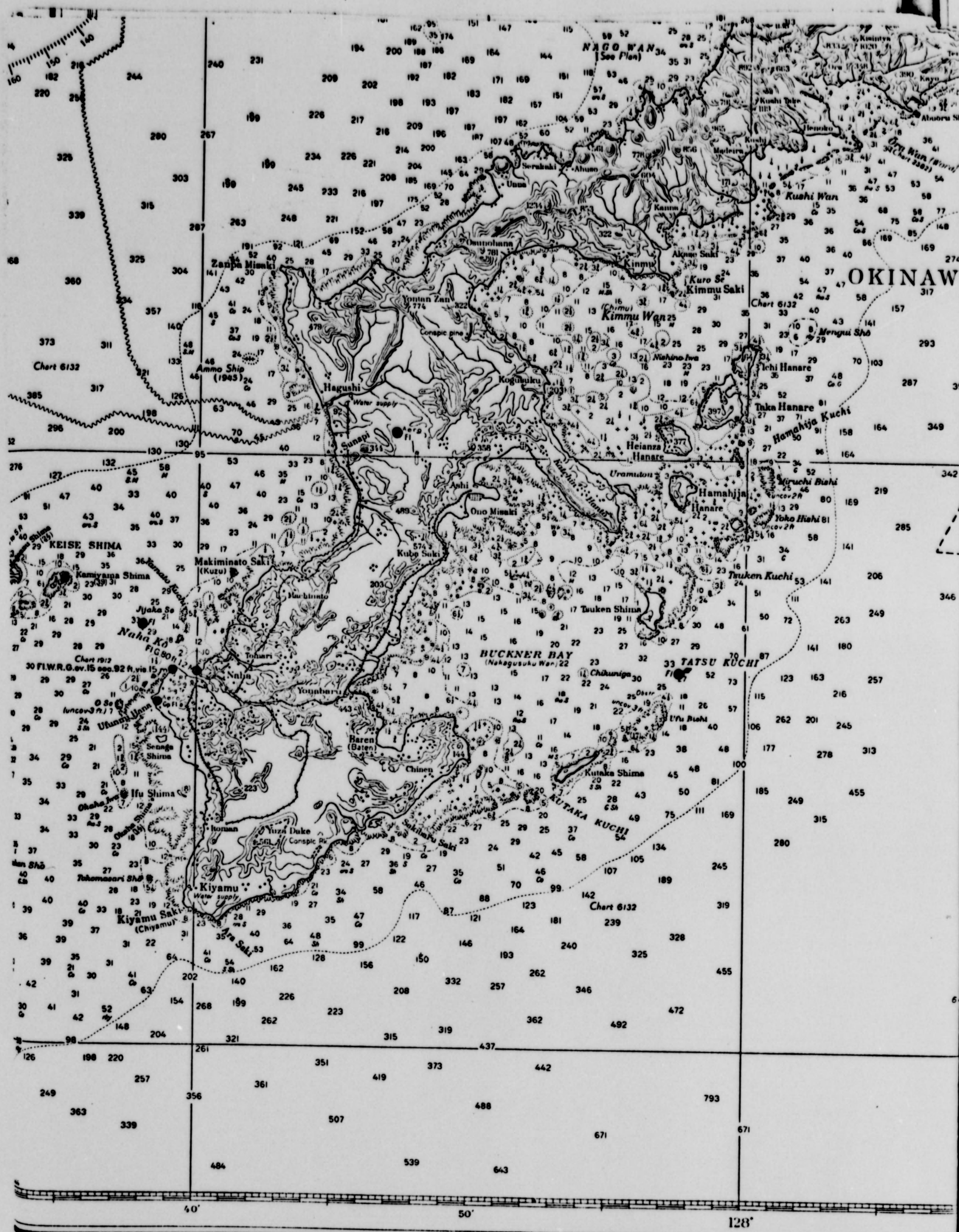
Japanese Charts No. 226, 222
U. S. Navy surveys
U. S. Hydrographic Office publications

Dimensions between inner neatlines 26°55'N. 5°40'3"E. W

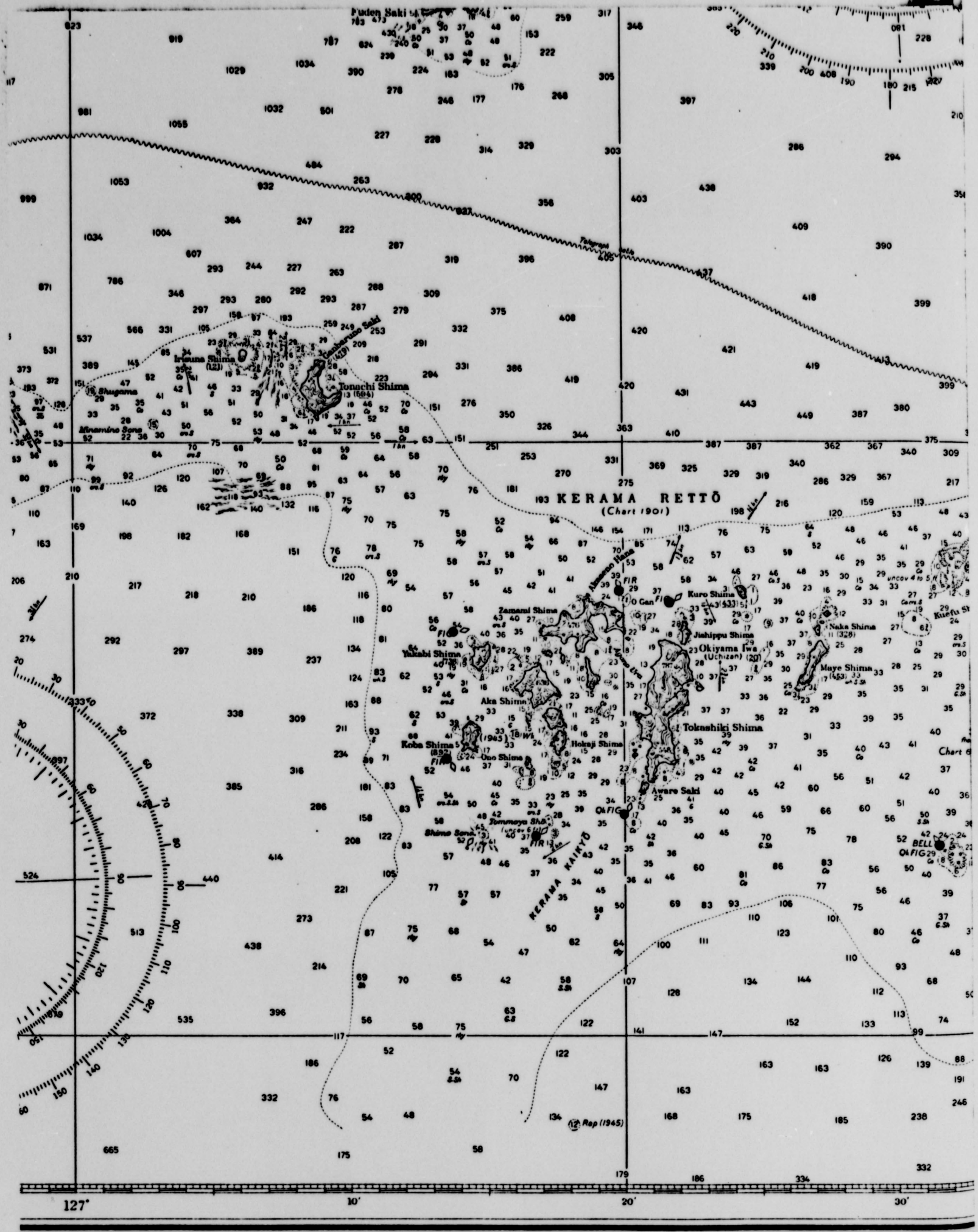
5th EDITION, AUG. 1950

Price 90 cents

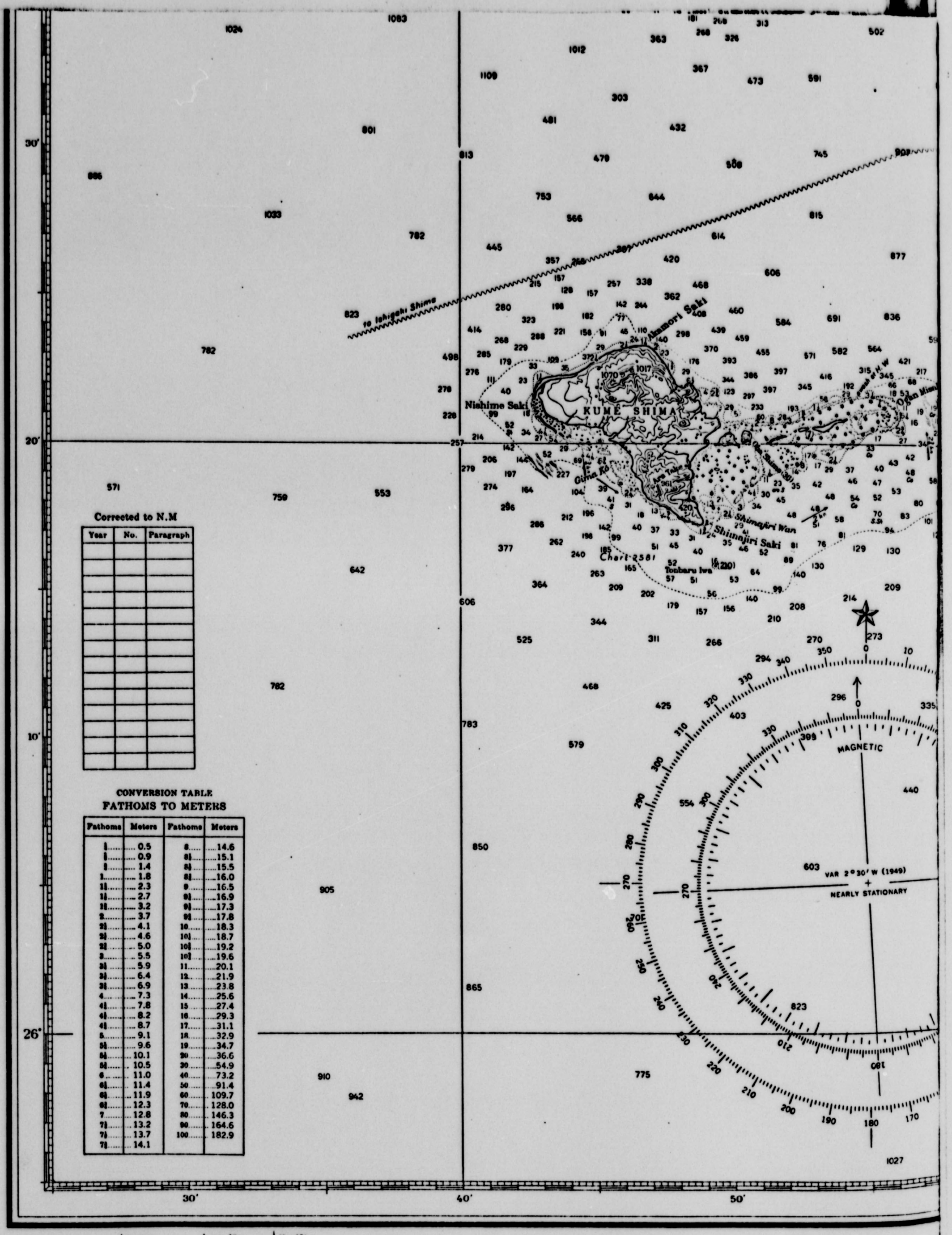
No. 2338



Washington, D. C., Apr. 1909
TARY OF THE NAVY
Dec. 1932



Published by the Hydrographic Offi
under the authority of the SE
Engraved: 4th E



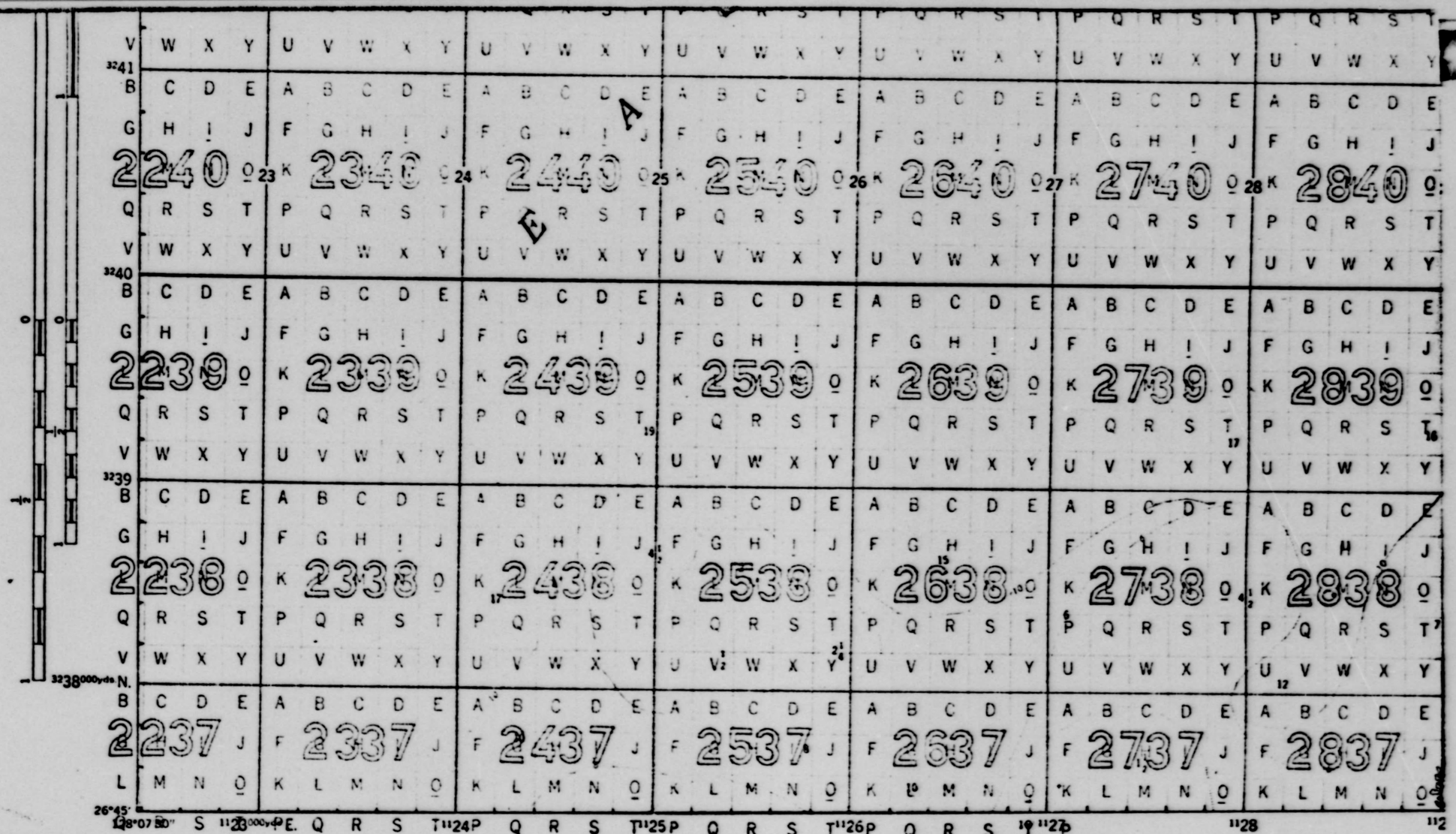
Corrected to N.M

Year	No.	Paragraph

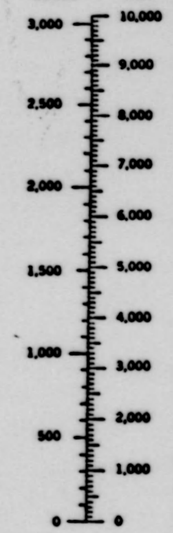
CONVERSION TABLE
FATHOMS TO METERS

Fathoms	Meters	Fathoms	Meters
½	0.5	8	14.6
¾	0.9	8½	15.1
1	1.4	8¾	15.5
1¼	1.8	9	16.0
1½	2.3	9½	16.5
1¾	2.7	9¾	16.9
2	3.2	10	17.3
2½	3.7	10½	17.8
2¾	4.1	11	18.3
3	4.6	11½	18.7
3½	5.0	12	19.2
3¾	5.5	13	19.6
4	5.9	14	20.1
4½	6.4	15	21.9
4¾	6.9	16	23.8
5	7.3	17	25.6
5½	7.8	18	27.4
5¾	8.2	19	29.3
6	8.7	20	31.1
6½	9.1	30	32.9
6¾	9.6	40	34.7
7	10.1	50	36.6
7½	10.5	60	54.9
7¾	11.0	70	73.2
8	11.4	80	91.4
	11.9	90	109.7
	12.3	100	128.0
	12.8		146.3
	13.2		164.6
	13.7		182.9
	14.1		

SMALL CORRECTIONS			
	Printed:	Jan. '51	May '51
	Notice to Mariners:	'50-36,40,50	'51-13
	Other sources to:		



CONVERSION GRAPH
NOT at the scale of the map.



A.M.S. L891
First Edition (AMS 1), 1944.
POA 1 (Revision of First Edition AMS 1)

Prepared under the direction of the Chief of Engineers by the Army Map Service (GEAM), U. S. Army, Washington, D. C. Compiled in 1944 from aerial photography, dated Sept. and Oct., 1944 by stereophotogrammetric methods, by reference to Japan 1: 200,000, Japanese Imperial Land Survey, Yoron-jima, 1931. Hydrography compiled by Hydrographic Off.ce, U. S. Navy, 1944. All place names are transcribed according to the Modified Hepburn (Romaji) System.

Revised by the 30th Engr. Base Top. Bn. USAFPOA May 1945. Redrawn in 1945 from Japan, 1:50,000 Land Map.

LEGEND

Prefectural Road
Road, 2-4 meters wide
Track and Trail
Road in built-up areas
Mud or tidal flats
Rice field
Orchard
Railroad 3'6" gauge--steam
Railroad 3'6" gauge--electric (ELECTRIFIED)
Railroad 2'6" narrow gauge
Railroad 2'6" narrow gauge--horse-drawn (HORSE DRAWN)
Soundings 10
Fathom line 6
Limiting danger line

TO GIVE GRID AND TARGET AREA REFERENCES ON THIS SHEET
FIGURES IGNORE the SMALLER figures printed around the margin of the map. These are for finding the full co-ordinates
USE ONLY THE LARGER FIGURES PRINTED IN THE MARGIN OR ON THE FACE OF THE MAP Vs 3238000

POINT Uga

FOR STANDARD MILITARY GRID REFERENCE

East		North	
Take West edge of square in which point lies, and read the figure printed opposite this line on North or South margin or on the line itself on the face of the map. Estimate tenths Eastwards	34	Take South edge of square in which point lies, and read the figure printed opposite this line on East or West margin or on the line itself on the face of the map. Estimate tenths Northwards	43
	4		9
East	344	North	439

STANDARD MILITARY GRID REFERENCE 344439 (To nearest 100 yards)

FOR TARGET AREA DESIGNATOR

Take NUMBER of the 1000 yard square in which the point lies.	3443
Take LETTER of the 200 yard square in which the point lies.	B
TARGET AREA DESIGNATOR (Locates within 200 yard square)	3443B

Nearest similar grid or target-area reference—100 000 yards. (Approximately 57 miles)

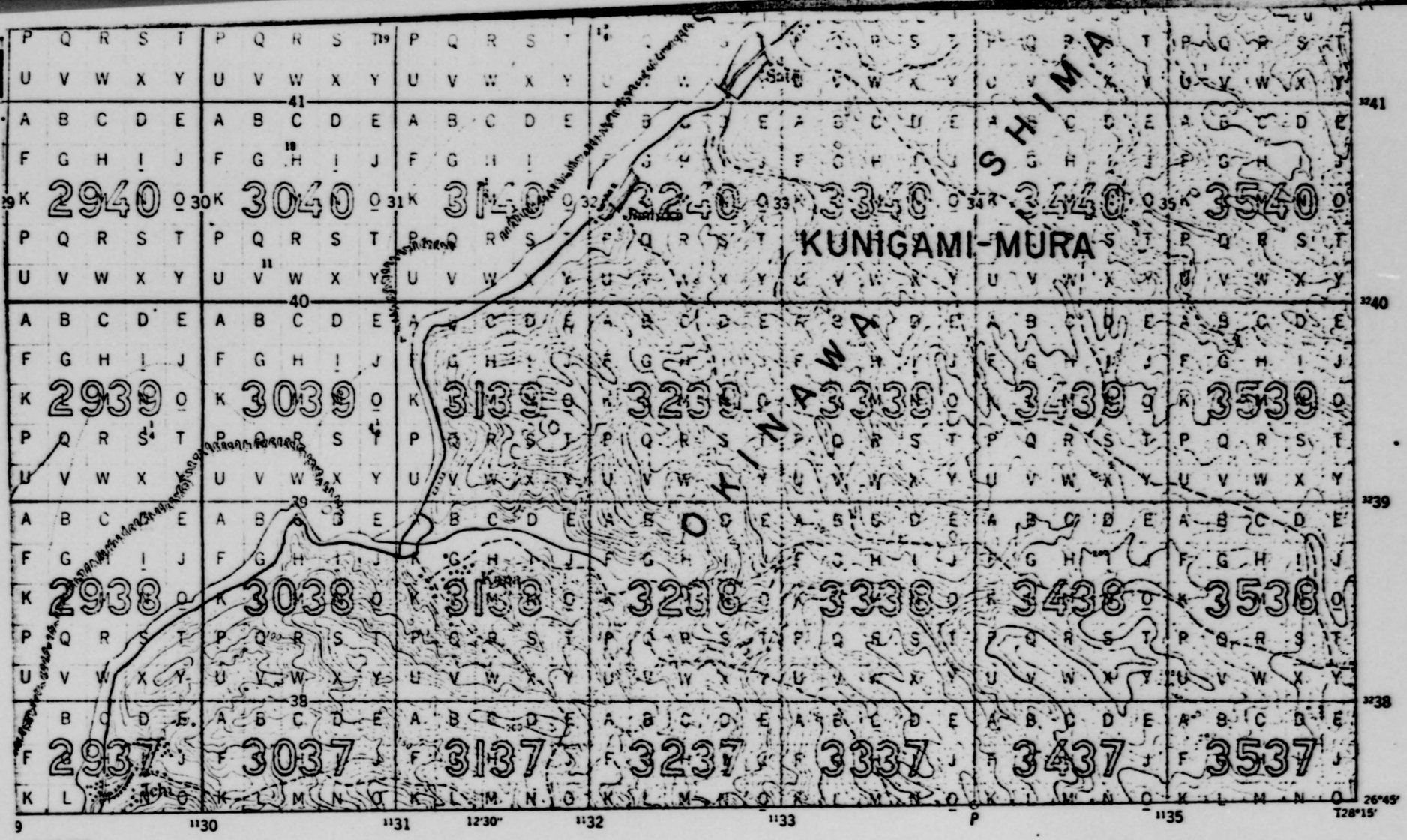
1 ½
1000 500 0
1000 500 0

CONTOUR IN
POLYCO
ONE THOUSAND YARD WORLD
THE LAST THREE DIGITS
NOTE OFFICERS USING THIS MAP WILL
TO THEIR ATTENTION AND GIVE DIRECT

G

-dake (-take) ..... moun
-gawa (-kawa) ..... r
-gun ..... co
-hama (-bama, -ishi) ..... be
-jima (-shima) ..... isl
-ino ..... r
-kaku (-gawa) ..... r
-ken ..... prefect

HYDROGRAPHI
LEVEL OF
HEIGHTS IN METE



le 1:25,000

0 — 1 Mile

1000 — 2000 Meters

1000 — 2000 Yards

ITERVAL 10 METERS

NIC PROJECTION

POLYCONIC GRID BAND IIIn, ZONE "C"
OF THE GRID NUMBERS ARE OMITTED

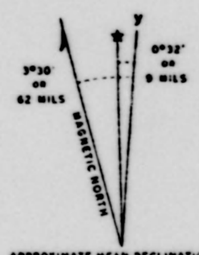
ADE HEREON CORRECTIONS AND ADDITIONS WHICH COME
D THE CHIEF OF ENGINEERS, WASHINGTON, D. C.

LOSSARY

ain	-ko (-minato)	harbor
ver	-misaki (-saki, -zaki)	cape
nty	-mura	township
ch	-se (-sho)	reef or shoal
nd	-shima (-jima)	island
ck	-sho	reef
ver	-wan	bay
ure	-yama (-san, -zan)	mountain

C DATUM: APPROXIMATE
LOWEST LOW WATER

:RS–DEPTHS IN FATHOMS



APPROXIMATE MEAN DECLINATION 1944
FOR CENTER OF SHEET
NO ANNUAL MAGNETIC CHANGE

Use diagram only to obtain numerical values. To determine magnetic north line, connect the pivot point "P" on the south edge of the map with the value of the angle between GRID NORTH and MAGNETIC NORTH as plotted on the degree scale at the north edge of the map.

Reproduced by the 30th Engr Base Top Bn USAFPOA No 4414 AB May 1945
139544

COVERAGE DIAGRAM

Photo stereo from vertical photos of 6" focal length.

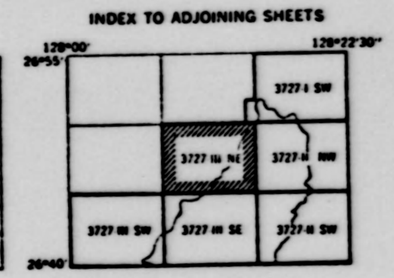
Intensified from photos of 12" focal length or longer

Compiled from map or unmatchable photos.

INDEX TO BOUNDARIES

OKINAWA KEN
KUNIGAMI GUN
KUNIGAMI MURA

INDEX TO ADJOINING SHEETS



UNTEN NE, RYUKYU-RETTO

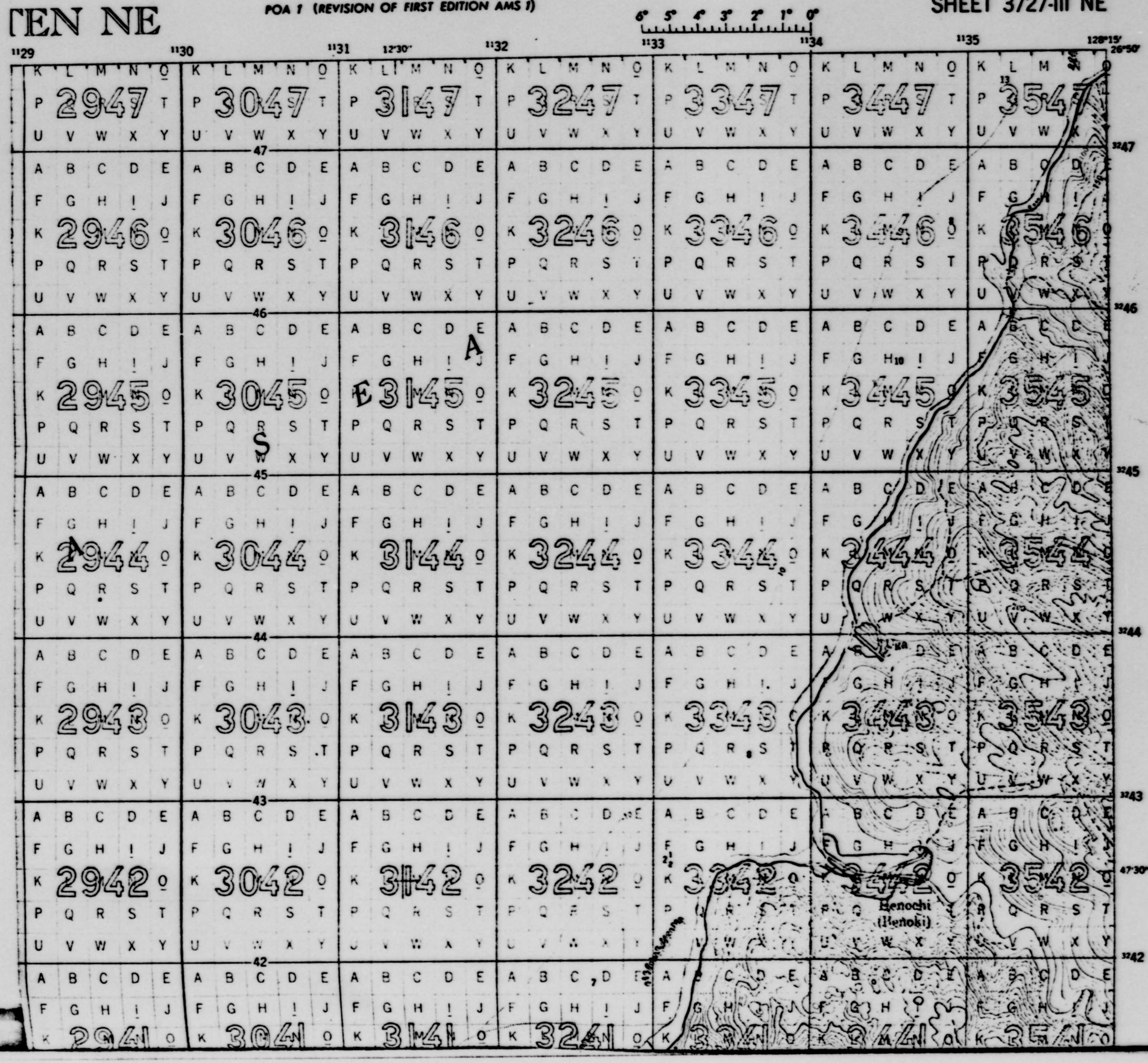
OKINAWA-KEN

N2645-E12807.5/5x7.5

TEN NE

FIRST EDITION-AMS 2
POA 1 (REVISION OF FIRST EDITION AMS 1)

SHEET 3727-III NE



RYUKYU-RETTO 1:25,000

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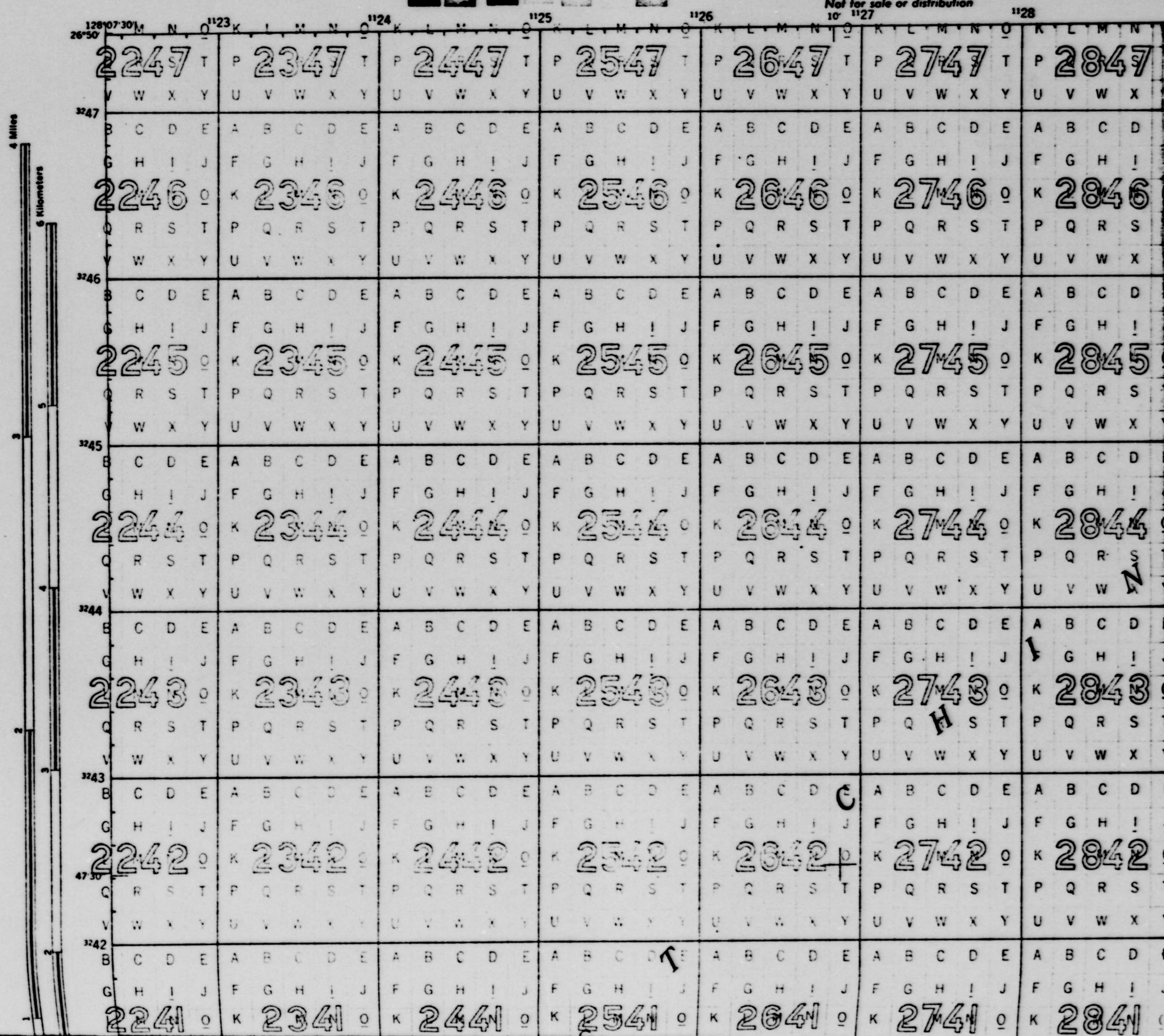
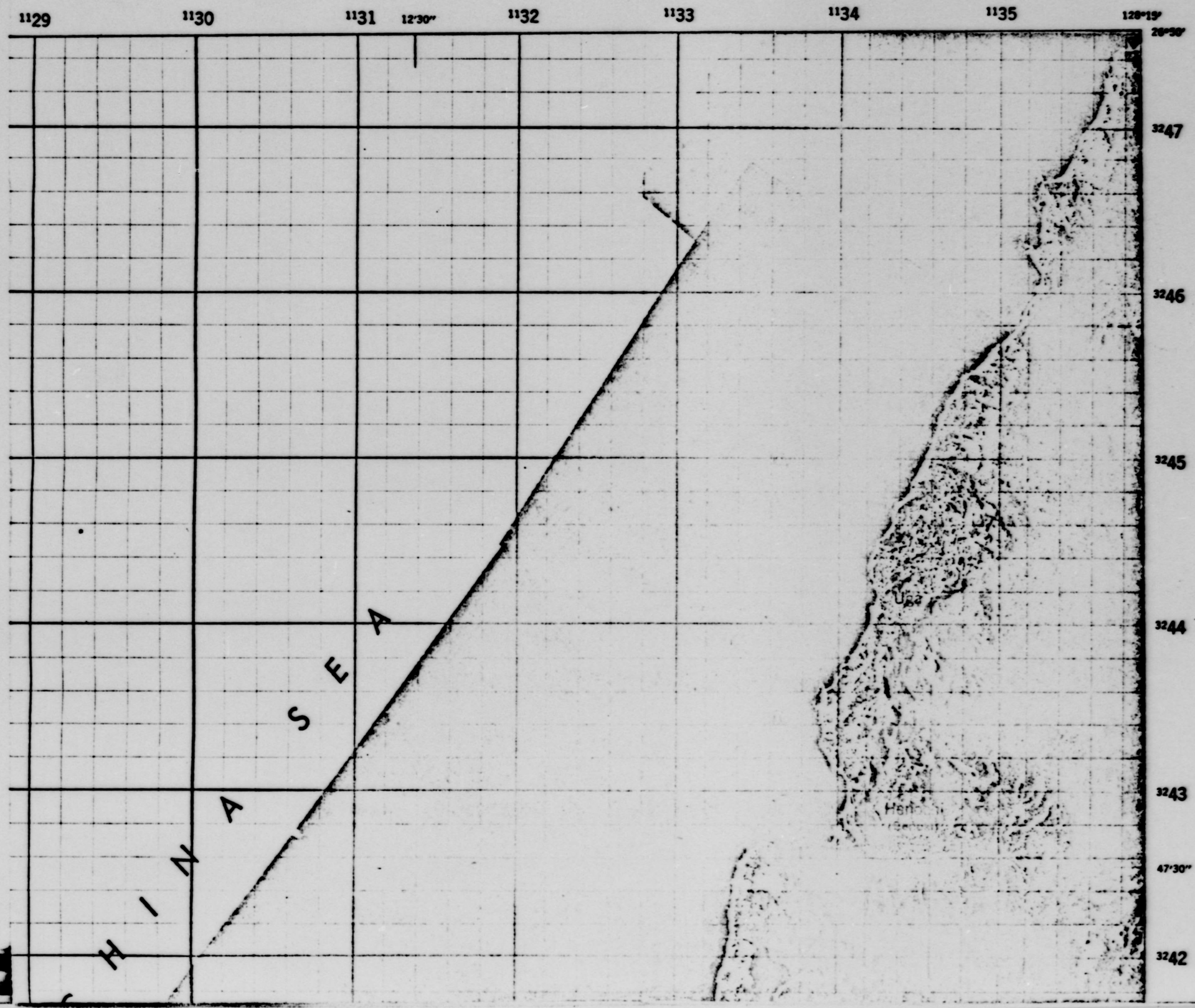


FIRST EDITION - AMS 1



RYŪKYŪ-RETTŌ PHOTO MAPS 1:25,000

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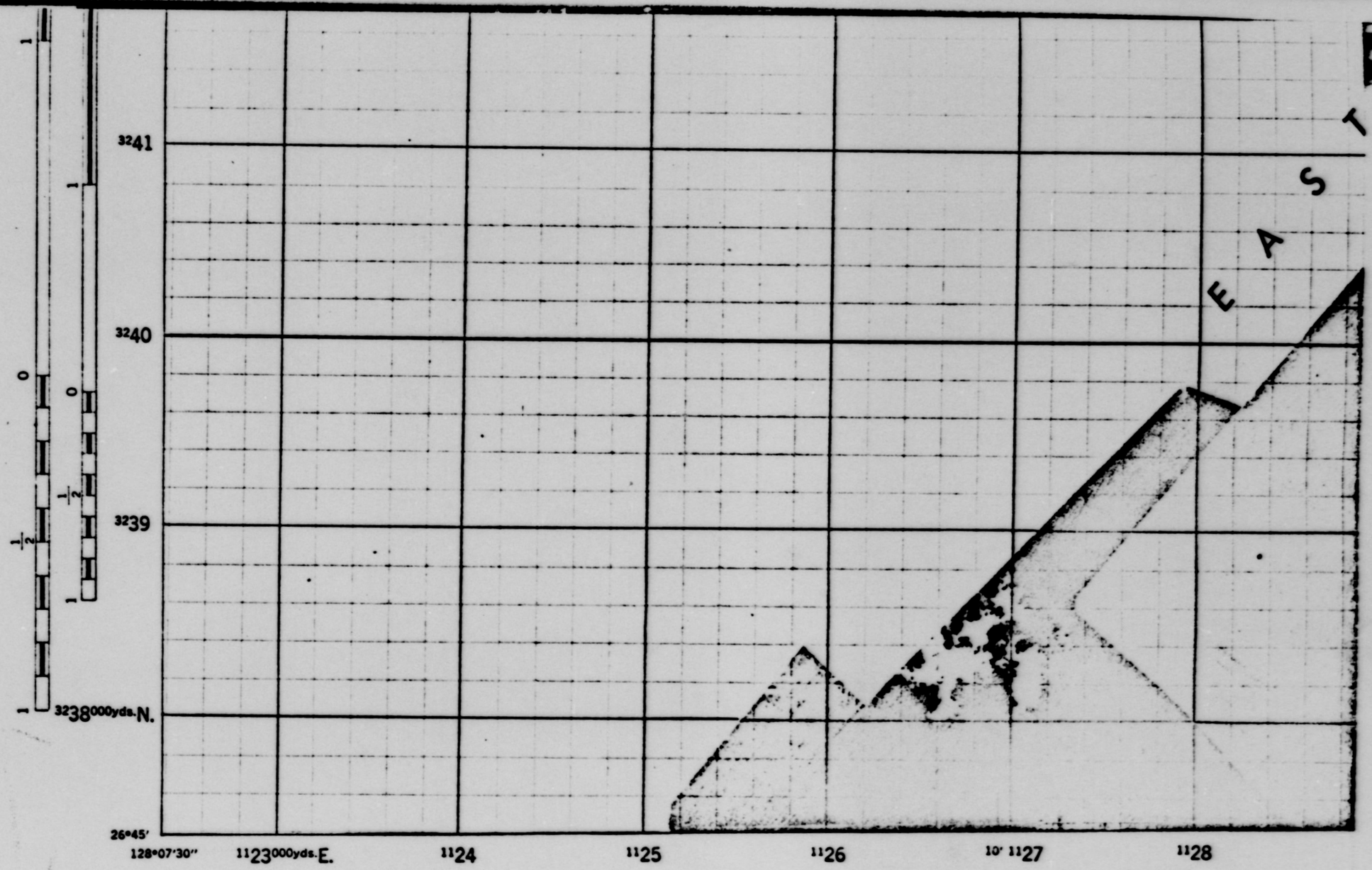


A.M.S. L091

First Edition (AMS 1), 1944.

Prepared under the direction of the Chief of Engineers by the Army Map Service (AM), U.S. Army, Washington, D.C., 1944. Mosaic controlled by average fit to 1:25,000 map. Aerial photographs flown by U.S.A.A.F. Sorties: September 1944, 14 PL/MR 7 6"TV, RV.

Reliability of grid uncertain due to local minor disagreement between photo map and topographic map.

Scale 1:

1000 500 0

1000 500 0

ONE THOUSAND YARD W

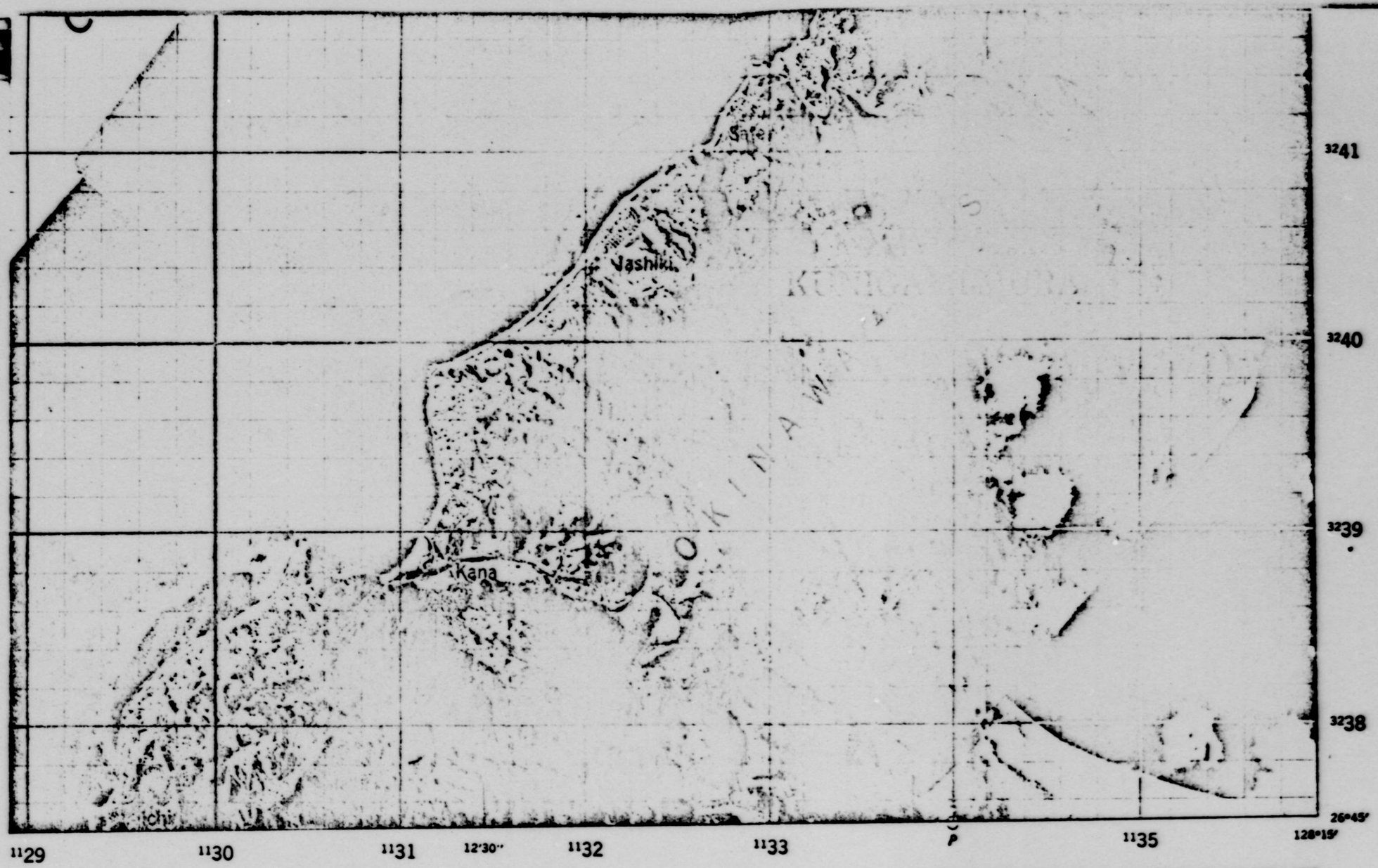
THE LAST THREE DI

POLY

NOTE: OFFICERS USING THIS MA

TO THEIR ATTENTION AND MAIL I

HEI



Reproduced by the 30th Engr Base Topo Bn USAFPOA No 4414 28 May 1945
139635

25,000 (Approximate)

0 — 1 Mile

1000 — 2000 Meters

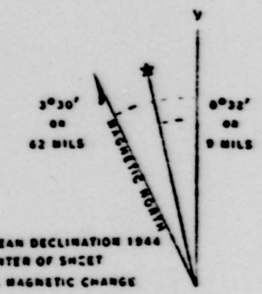
1000 — 2000 Yards

ORLD POLYCONIC GRID. BAND IIIN. ZONE "C"
DITS OF THE GRID NUMBERS ARE OMITTED

CONIC PROJECTION

WILL MARK HEREON CORRECTIONS AND ADDITIONS WHICH COME
RECT TO THE CHIEF OF ENGINEERS, WASHINGTON, D. C.

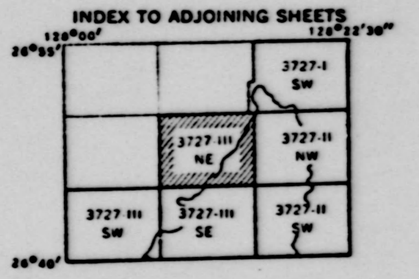
GHTS IN METERS



APPROXIMATE MEAN DECLINATION 1944
FOR CENTER OF SHEET
NO ANNUAL MAGNETIC CHANGE

Use diagram only to obtain numerical values. To determine magnetic north line, connect the pivot point "P" on the south edge of the map with the value of the angle between GRID NORTH and MAGNETIC NORTH, as plotted on the degree scale at the north edge of the map.

INDEX TO ADJOINING SHEETS



UNTEN NE, RYŪKYŪ-RETTŌ

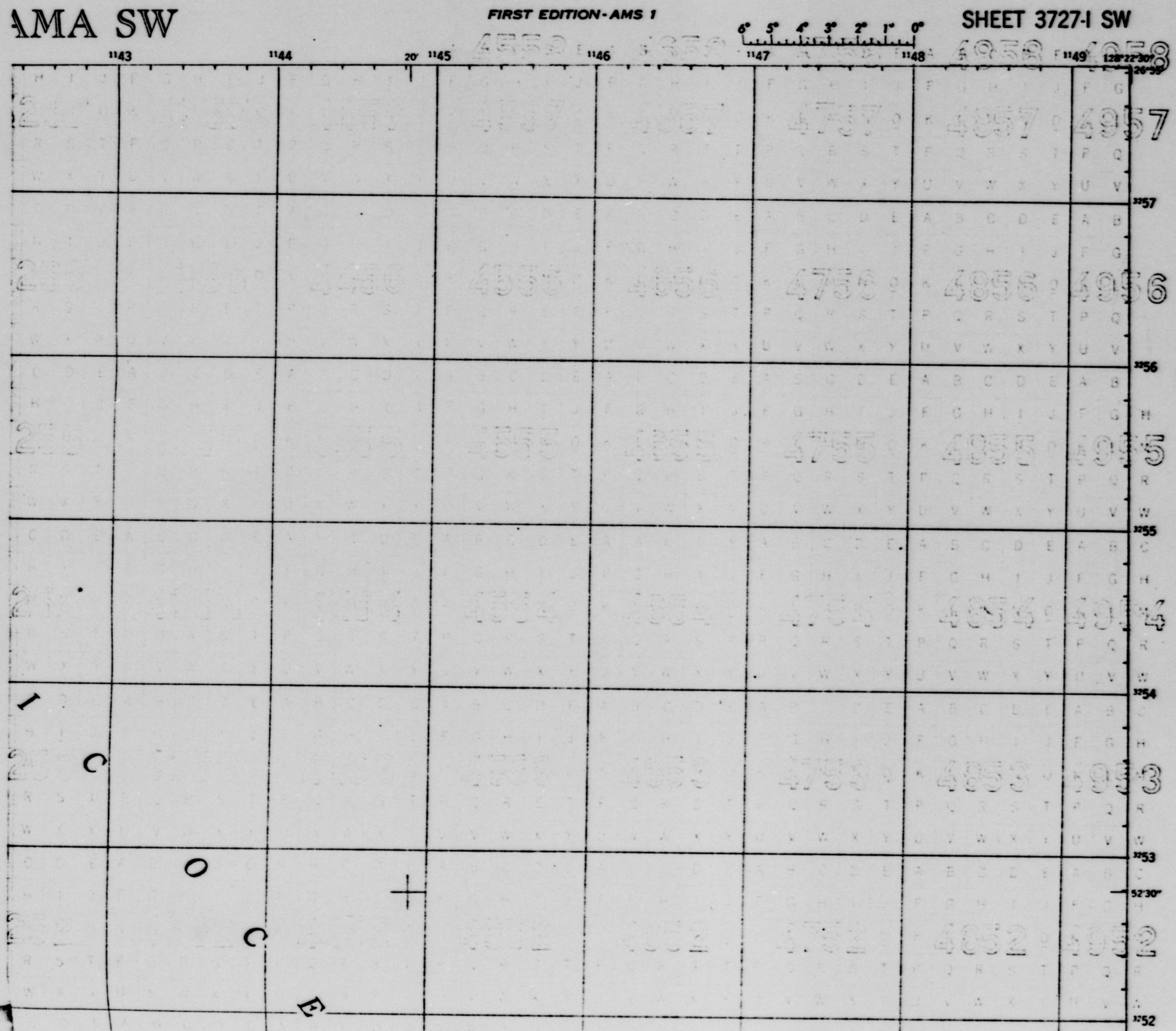
OKINAWA-KEN, KUNIGAMI-GUN

N2645-E12807.5/5x7.5

AMA SW

FIRST EDITION-AMS 1

SHEET 3727-I SW



RYUKYU-RETTO 1:25,000

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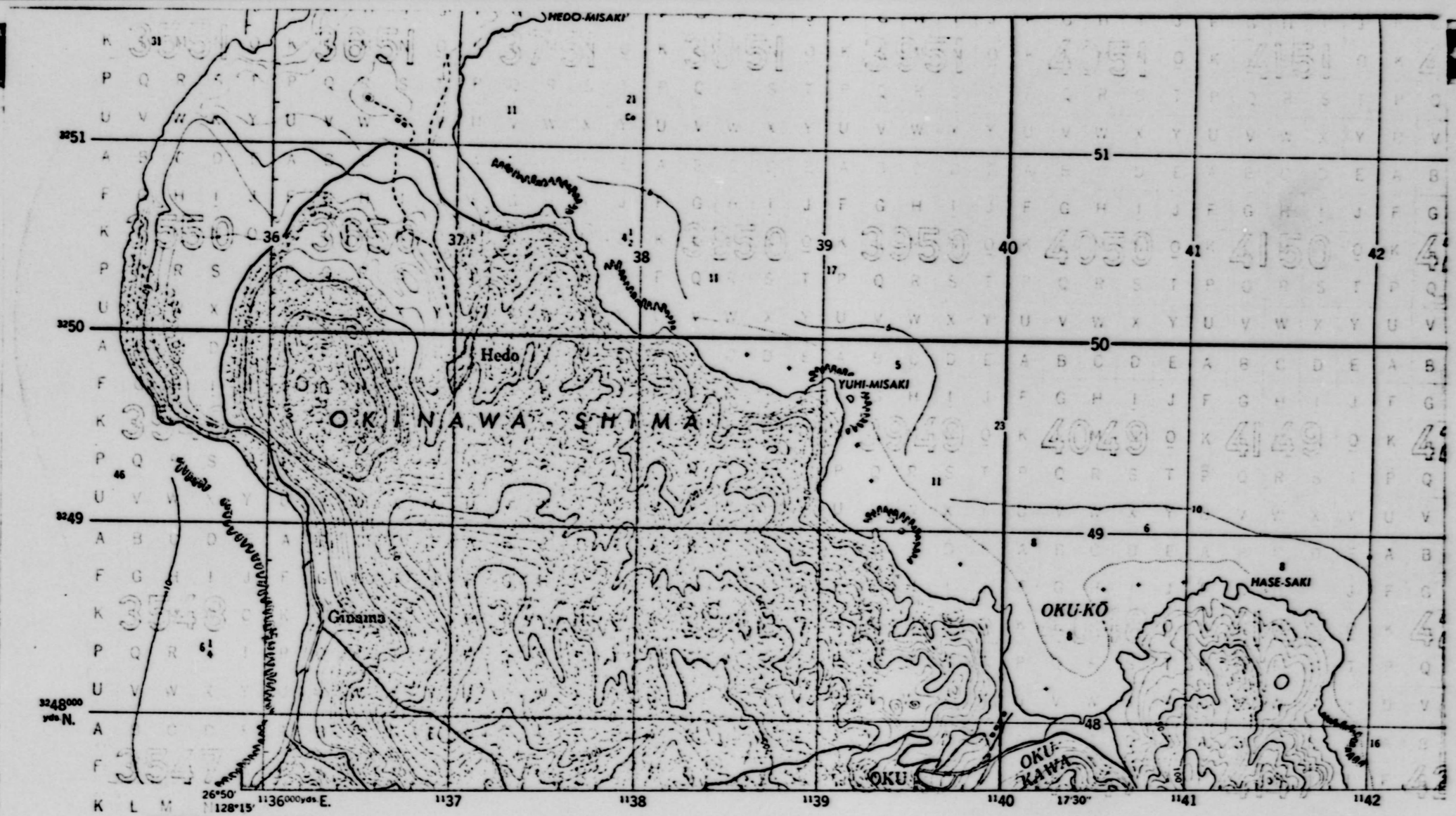
GINA



CONVERSION GRAPH
NOT at the scale of the map.

A.M.S. L891
First Edition (AMS 1), 1944.

Prepared under the direction of the Chief of Engineers by the Army Map Service (GEAM), U. S. Army, Washington, D. C. Compiled in 1944 from aerial photography, dated Sept. 1944 by stereophotogrammetric methods, by reference to Japan 1: 200,000, Japanese Imperial Land Survey, Yoron-jima, 1931. Hydrography compiled by Hydrographic Office, U. S. Navy, 1944. All place names are transcribed according to the Modified Hepburn (Romaji) System.

LEGEND

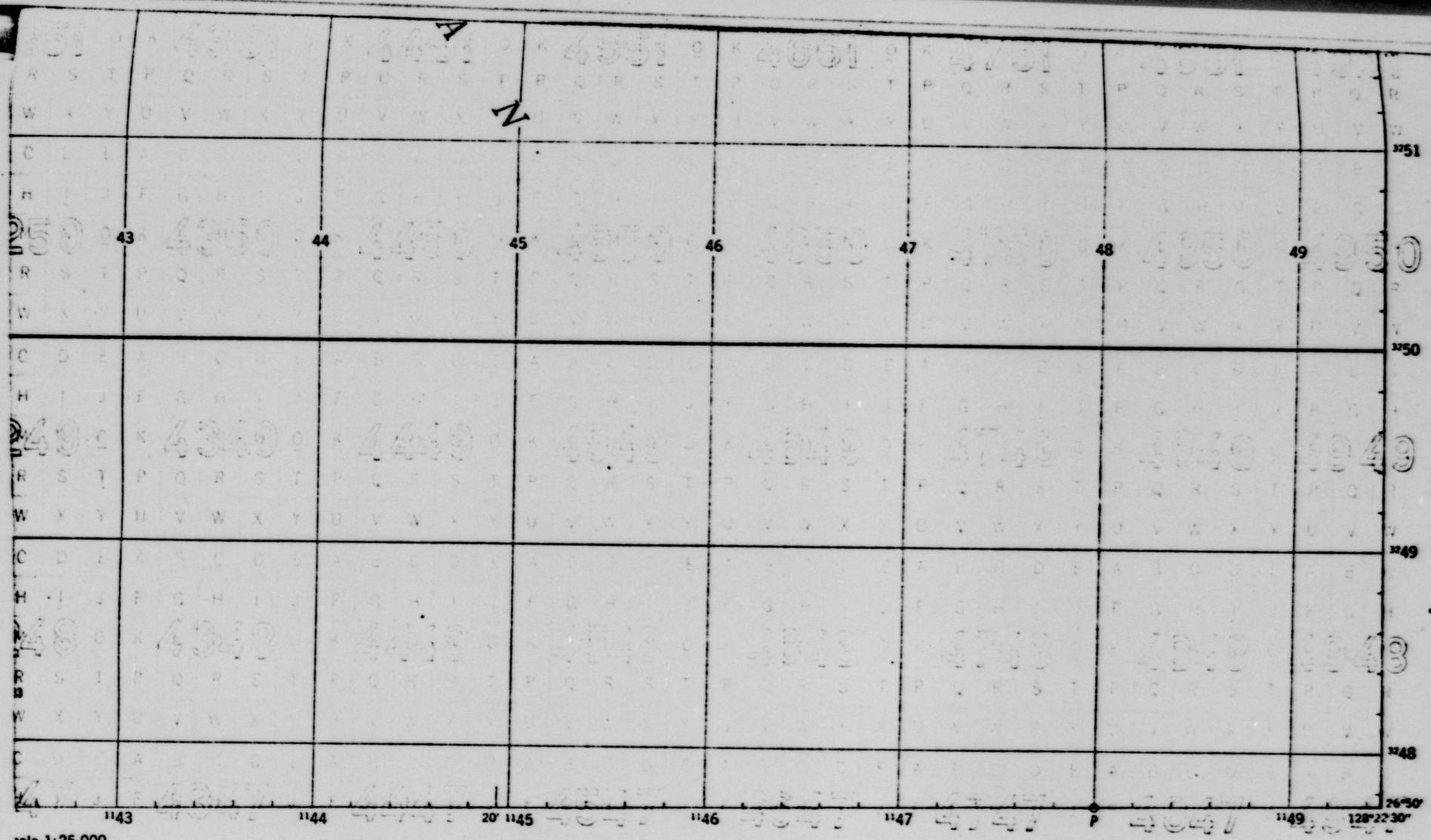
- Prefectural Road
- Road, 2-4 meters wide
- Track and Trail
- Road in built-up areas
- Mud or tidal flats
- Rice field
- Orchard
- Railroad 3'6" gauge-steam
- Railroad 3'6" gauge-electric (ELECTRIFIED)
- Railroad 2'6" narrow gauge
- Railroad 2'6" narrow gauge--horse-drawn (HORSE DRAWN)
- Soundings 10
- Fathom line —6—
- Limiting danger line

TO GIVE GRID AND TARGET AREA REFERENCES ON THIS SHEET FIGURES IGNORE the SMALLER figures printed around the margin of the map. These are for finding the full co-ordinates. USE ONLY THE LARGER FIGURES PRINTED IN THE MARGIN OR ON THE FACE OF THE MAP. Viz. 32 48000 / 39			
POINT OKU			
FOR STANDARD MILITARY GRID REFERENCE			
East Take West edge of square in which point lies, and read the figure printed opposite this line on North or South margin or on the line itself on the face of the map.	39	North Take South edge of square in which point lies, and read the figure printed opposite this line on East or West margin or on the line itself on the face of the map.	47
Estimate tenths Eastwards	7	*Estimate tenths Northwards*	7
East	397	North	477
STANDARD MILITARY GRID REFERENCE 397477 (To nearest 100 yards)			
FOR TARGET-AREA DESIGNATOR			
Take NUMBER of the 1000 yard square in which the point lies.			3947
Take LETTER of the 200 yard square in which the point lies.			1
TARGET AREA DESIGNATOR (Locates within 200 yard square)			3947 1
Nearest similar grid or target-area reference—100 000 yards (Approximately 57 miles)			

CONTOUR
POLY
ONE THOUSAND YARD WO
THE LAST THREE DI
NOTE OFFICERS USING THIS MAP
TO THEIR ATTENTION AND MAIL THE

-gun
-hen
-hō (-m
-misaki
-mura
-saki (-
-shima

HYDROGRA
LEVEL
HEIGHTS IN ME



cale 1:25,000

0 — 1 Mile

1000 — 2000 Meters

1000 — 2000 Yards

INTERVAL 10 METERS

ONIC PROJECTION

LD POLYCONIC GRID BAND IIIN, ZONE "C"
D OF THE GRID NUMBERS ARE OMITTED

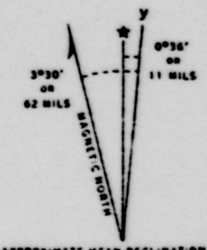
LBARE HEREON CORRECTIONS AND ADDITIONS WHICH CORE
TO THE CHIEF OF ENGINEERS, WASHINGTON, D. C.

GLOSSARY

..... county
..... prefecture
ito) ..... harbor
saki, -zaki) ..... cape
..... township
ti, -misaki) ..... cape
jima) ..... island

HIC DATUM: APPROXIMATE
F LOWEST LOW WATER

ERS–DEPTHS IN FATHOMS



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FOR CENTER OF SHEET
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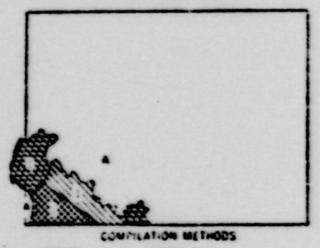
ARMY MAP SERVICE, U. S. ARMY, WASHINGTON, D.C. 139561
II-44 1944

COVERAGE DIAGRAM



COMPILATION METHODS

PHOTO STEREO — PHOTO PLANIMETRIC — MAP

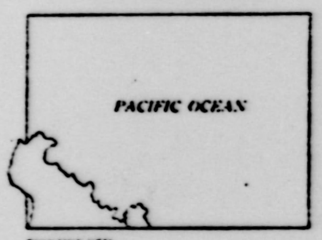
6 — 12

OBLIQUE

A Hydrographic Compilation (Reliability Text)
1 Sorbo 14 PL/BR7 Sept 1944
2 Sorbo 11 PL/BR7 Sept 1944

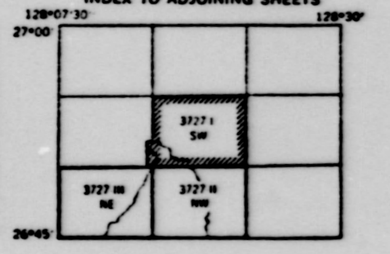
INTENSIFIED FROM 12" COVERAGE

INDEX TO BOUNDARIES



OKINAWA KEN
KUNIGAMI GUN
KUNIGAMI MURA

INDEX TO ADJOINING SHEETS



GINAMA SW, RYUKYU-RETTO

OKINAWA-KEN

N2650-E12815/5x7.5

1 3728

NAMA SW

FIRST EDITION - AMS 1

SHEET 3727-I SW

RYŪKYŪ-RETTŌ PHOTO MAPS 1:25,000

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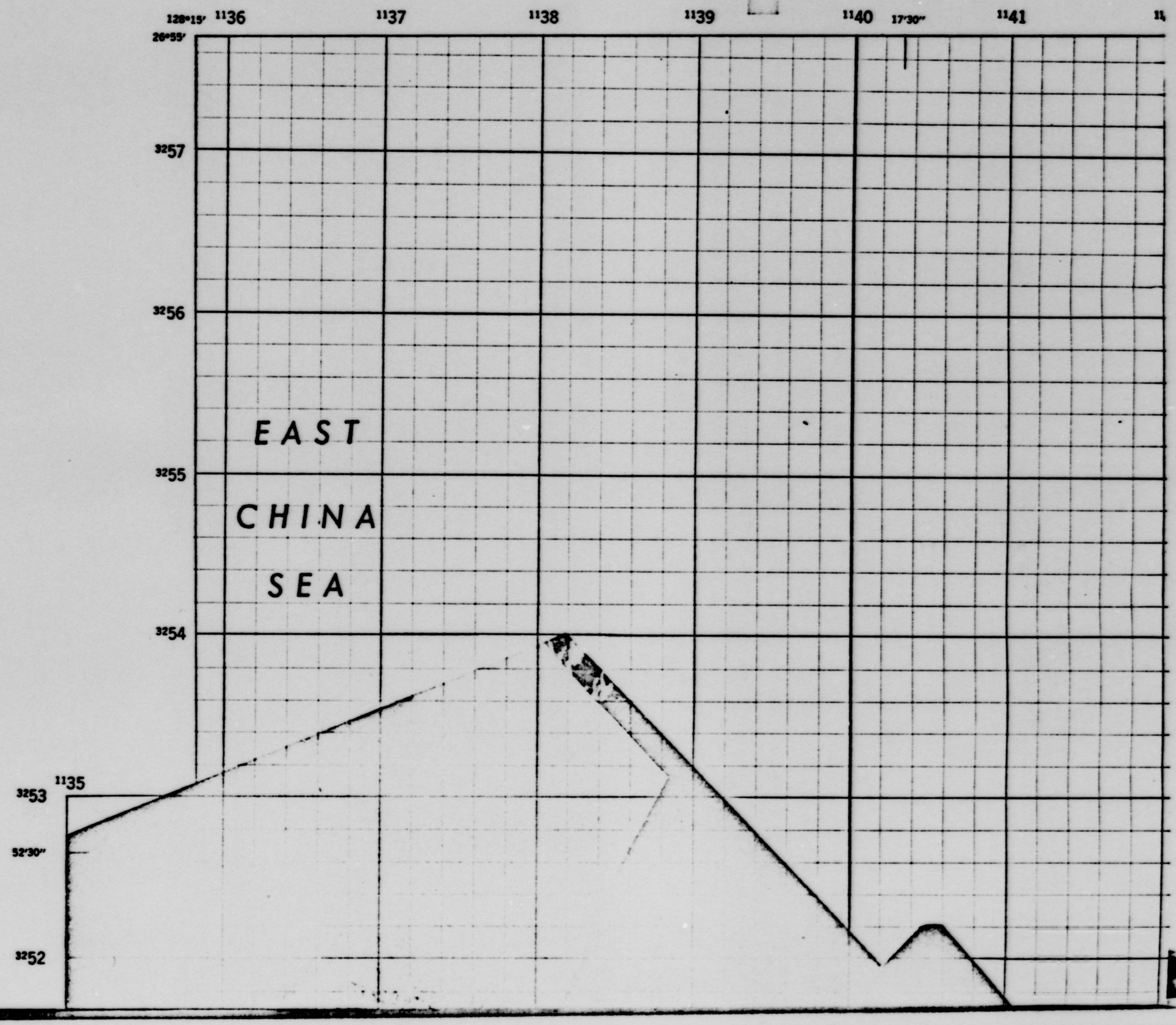

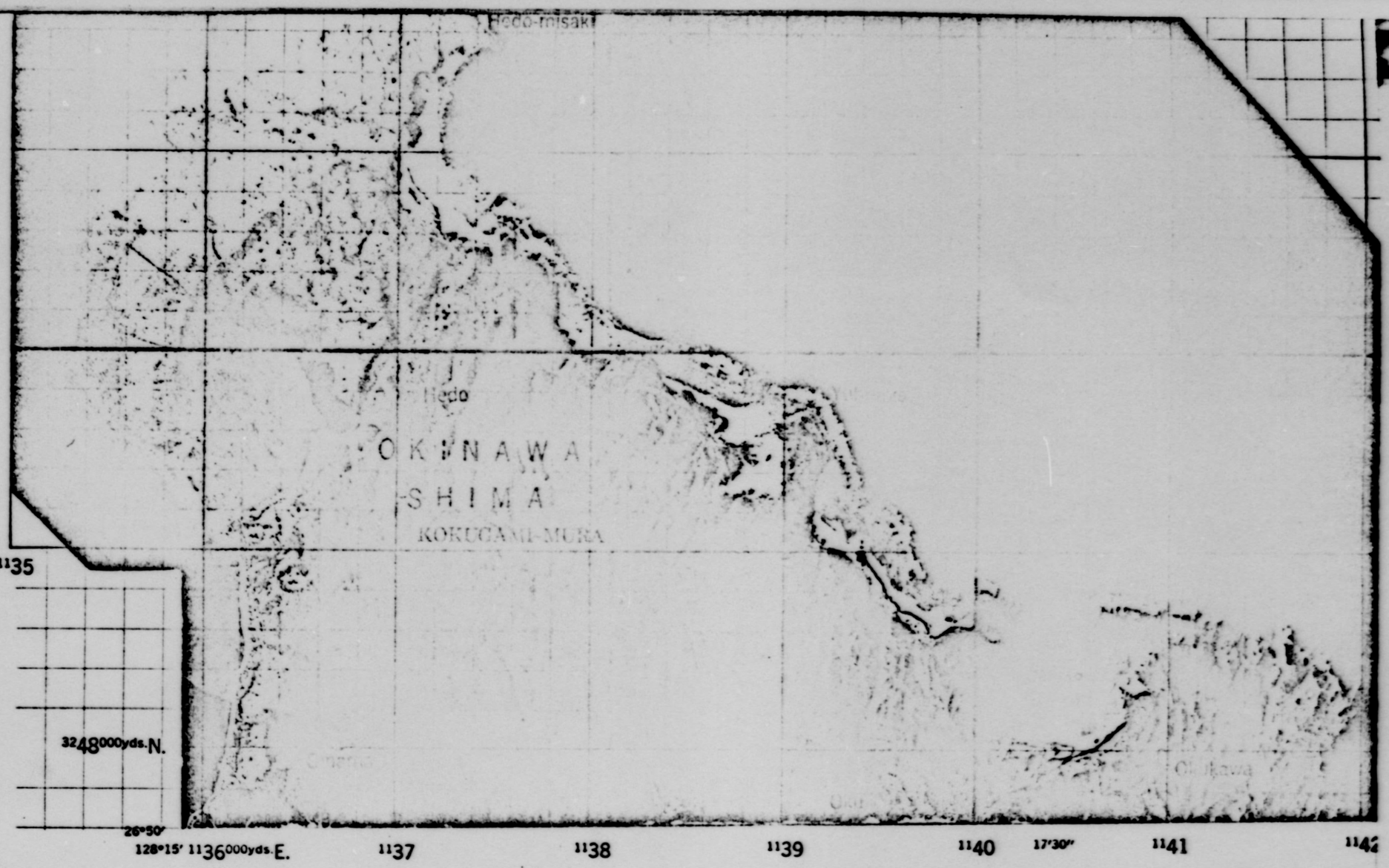

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Viz. 3248000

POINT Hedo

East
Take West edge of square on which point lies, and read the figure printed opposite this line on North or South margin.

North
Take South edge of square on which point lies, and read the figure printed opposite this line on East or West margin.

Letter
Take letter from diagram at right so that letter indicates position of point within the 1000 yard square.

37	A	B	C	D	E
	F	G	H	I	J
49	K	L	M	N	O
	P	Q	R	S	T
A	U	V	W	X	Y

TARGET AREA DESIGNATOR 3749 A (Location within 200 yard square)

Nearest similar grid or target area reference-57 miles

Sca

1 1/2

1000 500

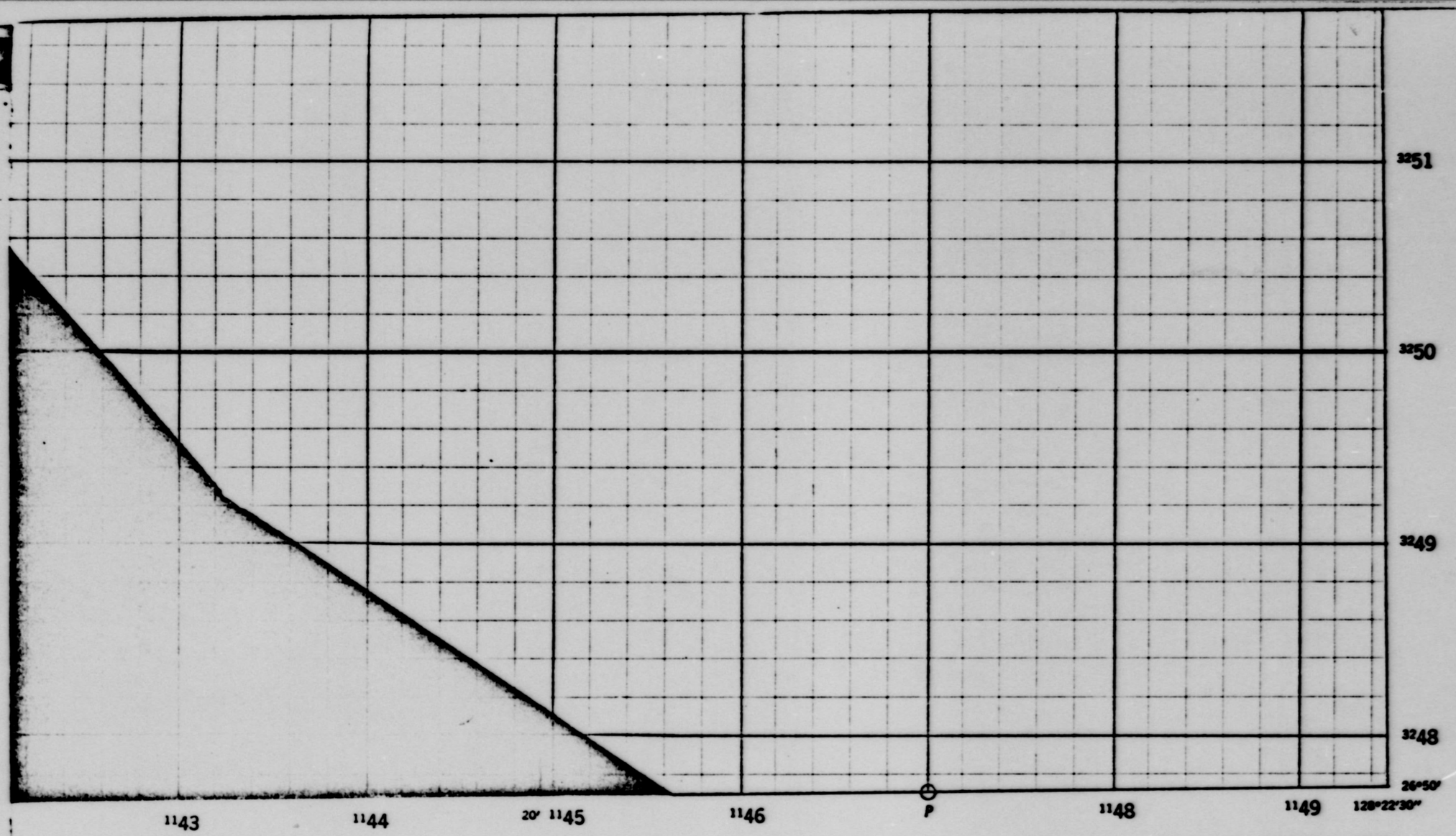
1000 500

ONE THOUSAND Y

THE LAST 1

NOTE: OFFICERS USIN

TO THIS ATTENTION



ARMY MAP SERVICE, U. S. ARMY, WASHINGTON, D. C., 139632
1944 1944

le 1:25,000 (Approximate)

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0 — 1000 — 2000 Meters

0 — 1000 — 2000 Yards

ARD WORLD POLYCONIC GRID, BAND IIIN, ZONE "C"
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POLYCONIC PROJECTION

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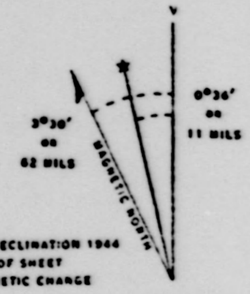
HEIGHTS IN METERS



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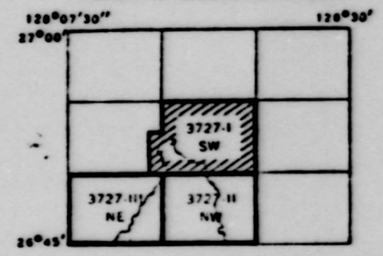

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OKINAWA-KEN, KUNIGAMI-GUN

N265-E12815/5x7.5