OBOE SIX

TOP SECRET

20 AUST INF BDE EMBARKATION INSTR 1

Copy .....

21 May 45

Ref Maps : SOUTH MOROTAI 1 in to 1 mile
SOUTHWEST MOROTAI 1 in to 1 mile

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1. 20 Aust Inf Bde Group - vide 20 Aust Inf Bde OO 1 of 19 May 45, Appendices B and F - will embark from MOROTAI for the objective area in accordance with the following instructions.

2. Embarkation will be controlled, supervised and carried out in accordance with 9 Aust Div GS Instr 29 of 25 Mar 45.

3. Embarkation control staff are shown in Appendix A to this instruction.

4. Embarkation will be carried out in accordance with Embarkation Programme issued as Appendix B to this instruction. Date and time of reporting to Pre-embarkation Assembly Areas (column j), Loading Point (column l) and date and time of loading (column m) may be amended by signal. Location of Pre-embarkation Assembly Area - from point 958819 to point 933309. Movement from unit lines to Pre-embarkation Assembly Area, including the provision of vehicles for personnel, will be co-ordinated by HQ 20 Aust Inf Bde.

5. All personnel and vehicles, other than tracked vehicles, (unless specifically detailed otherwise) will pass through the Pre-embarkation Area. Tracked vehicles will pass through Mechanical Equipment Pre-embarkation Assembly Area at 850296. Vehicles should be waterproofed to Stage 3 before moving into Pre-embarkation Assembly Area. It is anticipated, that unit personnel may be held in Pre-embarkation Assembly Area for periods of up to 36 hours.

Vehicle Marking

Vehicles for LSI - vide 9 Aust Div GS Instr 29 Appendix B para (4), (i).

Vehicles for LST, LSM and LSD will be marked in bold marking, by waterproof crayon, on front, sides, and back, with Ship Number and Priority Number vide 20 Aust Inf Bde Embarkation Programme.

6. It is anticipated, that unit personnel may be held in Pre-embarkation Assembly Area for periods of up to 36 hours.

7. (a) No accommodation will be provided within the Pre-embarkation Assembly Area.

(b) Latrines are established in Pre-embarkation Assembly Area.

(c) An RAP is established in Pre-embarkation Assembly Area

(d) Meals will be provided for all personnel from the time of reporting at this area until embarkation is completed.

(e) Units may be called on to provide labour for kitchens.

8. When directed by CONTROL, units and sub-units will be married up into ship-loads in the Pre-embarkation Assembly Area. OC Troops for each ship is responsible for marrying-up his own ship-load, and for the completion of documentation vide 9 Aust Div GS Instr 29 Appendix B. Vehicles will be formed up in correct order for embarkation, i.e., IN REVERSE ORDER of priority for landing.

9. From the time of marrying-up until landing at the far shore OC Troops is responsible for every detail, including embarkation, connected with his ship-load irrespective of its composition.

10. When instructed by CONTROL, OC Troops will move his shipload or portion thereof, to Ship Assembly Area for his ship where he will report to the ECO. It will be normal for vehicles of all shiploads to move to Ship Assembly Area prior to the move of personnel. Transport for personnel will be provided by CONTROL, Pre-embarkation Assembly Area.

11. Personnel will be married up into Craft Serials in Ship Assembly Area.

12. Embarkation of vehicles and/or personnel will commence when ordered by ECO.

13. Loading and Stowing of Vehicles

(a) No vehicle will be loaded above its rated capacity.

(b) All standard vehicles will have canopies lowered to cabin height.

(c) Any vehicle which does NOT conform to standard measurements for its particular type and which has NOT been notified as out of gauge may, on the order of the ECO, be refused for embarkation.

(d) OC Troops and unit commanders will ensure that all drivers embarking vehicles are competent and instructed in the traffic direction signals (hand signals) required at embarkation.

(e) All vehicles except special equipment which requires towing, "snigging" or special handling, will be backed onto landing ships and craft. Drivers will be directed by hand signals by provost and loading personnel detailed specifically for this duty.

14. Only personnel directly concerned with the embarkation of any particular ship will be permitted to enter the embarkation area.

Embarkation Control will issue passes to all personnel authorised to be in the embarkation area. Drivers, crews and personnel embarking on any particular ship are covered by a nominal roll and do NOT require this pass.

All enquiries about embarkation will be made at the control centre at each embarkation point and NOT at or on the ship.

15. Unit Stores

Unit stores will be loaded into ships in accordance with Stores Loading Programme to be issued separately.

16. Loading Officers will stow ships in accordance with stowage diagrams issued and will keep accurate check sheets for all stores loaded. On completion of loading of each ship the Loading Officer will submit to ECO a certificate stating that all personnel, vehicles and stores have been loaded. Variations from embarkation programme will be shown.

17. ECO's will submit to MLO an hourly percentage report on loading of stores and vehicles, and will report when loading of any particular ship is completed. This report will be confirmed by a final manifest of all stores loaded. ECO's will pass to MLO Loading Officers' certificates of loading.

18. All ECO's and Loading Officers will keep diary in which any departures from embarkation instructions or programme will be noted.

for Maj
BM 20 AUST INF BDE

SECRET

OPERATION OBOE SIX — APPENDIX A

ALLOCATION OF EMBARKATION CONTROL OFFICERS

LSTs:	Senior ECO	Maj SIEKMANN	- 2/3 Aust Pnr Bn
	LST hards 1) 2)	Maj PIKE	- 2/17 Aust Inf Bn
	LST hards 3) 4)	Maj PIKE	- 2/17 Aust Inf Bn
	LST hards 5) 6)	Lt TYLER	- 2/13 Aust Inf Bn
	LST hards 7) 8)	Capt CHEETHAM	- 2/3 Aust Tk A Regt
	LST hards 9) 10)	Lt RYAN	- HQ 20 Aust Inf Bde
	LST hards 11) 12)	Capt DOWNEY	- 2/32 Aust Inf Bn
	LST hards 13) 14)	Capt DOWNEY	- 2/32 Aust Inf Bn
LSM, LCM, LSD:	Senior ECO	- Capt COHEN	- 2/12 Aust Fd Regt
	ECO	- Lt M FOSTER	- 2/9 Aust Armd Regt
	ECO	- Capt MURISON	- 2/15 Aust Inf Bn
LCI and APD:	ECO	- Capt McLEOD	- 2/17 Aust Inf Bn
LSI HMAS KANIMBLA:	ECO	- Capt McLEOD	- 2/17 Aust Inf Bn

The above allocation of ECOs is effective forthwith and will continue until conclusion of last re-supply convoy of assault shipping (approximately 13 Jul 45).

ECOs required to proceed to the far shore will embark in this convoy.

DISTRIBUTION

Serial	Formation, Unit, etc	Instr Copy No	Appx A	Appx B
1	2/13 Aust Inf Bn	1	1	
2	2/15 Aust Inf Bn	2	2	
3	2/17 Aust Inf Bn	3	3	
4	20 Aust Inf Bde Sig Sec	4	4	
5	A Sqn 2/9 Aust Armd Regt	5	5	
6	2/8 Aust Fd Regt	6	6	
7	2/3 Aust Fd Coy	7	7	
8	B Coy 2/2 Aust MG Bn	8	8	
9	2/6 Aust Sup Depot Coy	9	9	
10	2/8 Aust Fd Amb	10 - 13	10 - 13	
11	2/118 Aust Bde Ord Fd Pk	14	14	Appropriate Sheets only
12	2/118 Aust Bde Wksp	15	15	
13	1 Aust Beach Gp	16	16	
14	2 Aust Mil Ldg Gp	17	17	
15	3 Aust Op Reports Team	18	18	
16	Comd	19	19	
17	BM.	20	20.	
18	SC	21	21	
19	MLO	22	22	
20	Maj SNELL	23 - 24	23 - 24	
21	TAF RAAF	25	25	
22	File	26 - 27	26 - 27	
23	War Diary	28 - 29	28 - 29	
	For Information			
	Control Pre-embarkation Assembly Area	30		
	ECOs - 8	31 - 38		

OBOE SIX

TOP SECRET

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20 AUST INF BDE EMBARKATION PROGRAM

Amendment No 1

LCI 701
LCI 636
LCI 702
LCI 703

amend column (j) to read:-
29 May - Time to be notified.

USS DLACHENKO
USS LIDDLE
USS LLOYD
USS KEPHART
USS NEWMAN

amend column (j) to read:-
30 May - Time to be notified.

LST 574 amend column (e)

HQ 20 Inf Bde	delete	13	pers
ATIS	"	1	"
2/8 Fd Regt	"	5	"
20 Bde Sig Sec	"	10	"
3 Wireless Sec / 7 Wireless Sec	"	9	"
2/8 Fd Amb	"	2	"
LO 9 Div	"	1	"
2 Mil Ldg Gp	"	2	"
Air Sp Party	"	2	"

Insert New Sheet :-

(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)	(l)	(m)
HQ 20 Inf Bde		Capt R FERGUSON	13	-	-	-	30 May 0900	Div	Navy Base	30 May 1600
ATIS			1					"		
2/8 Fd Regt			5					"		
20 Bde Sig Sec			10					"		
3 Wireless Sec / 7 Wireless Sec			9					"		
2/8 Fd Amb			2					"		
LO 9 Div			1					"		
2 Mil Ldg Gp			2					"		
Air Sp Party			2					"		

EMBARKATION PROGRAM - OBOE SIX

TOP SECRET
Appx B to 20 Aust Inf Bde :
Embarkation Instr 1

Ser (a)	Unit (b)	Ship (c)	OC Troops (d)	Personnel Foot (e)	Personnel Veh (f)	Vehs (g)	Priority (h)	Due at PA Areas (j)	PA Area (k)	Loading Point (l)	Date & Time of Loading (m)	ECO and Loading Offr (n)	Remarks (o)
	2/8 Fd Regt	HMAS KANIMBLA	Lt-Col J R BROADBENT 2/17 Inf Bn	103		4x75mm Hows	1-4	Vehs 27 May 1400	Div	Dock 1 Jetty	Force & Unit Stores 28 May 0800.	ECO Capt K McLEOD	
	2/17 Aust Inf Bn			766		1xJ & T 2xJeep & 2Pdr	5A,5B 6A-7B	Pers 28 May 1400	"			Loading Offr Capt F K MURPHY	
	SFCP					10xJ & T	8A-17B				Vehs 28 May 1600		
	20 Bde Sig Sec			9		1xJ & T	18A,18B		"				
	2/2 MG Bn			8		1xJ & T	19A,19B		"				
	9 Div Pro Coy			89		4xJ & T	20A-23B		"		Pers 29 May 0900.		
	A Sqn 2/9 Armd Regt			6		1xJ & T	24A,24B		"				
	2/12 Fd Amb			5		1xJ & T	25A,25B		"				
	9 Mil Hist Team			60		1xJ & T	26A,26B		"				
	HQ 20 Inf Bde			7		1xJ & T	27A,27B		"				
	B FS Sec			2					"				
	2/3 Fd Coy			1					"				
	det Pub Relations			6					"				
	2/13 Inf Bn LOB			5					"				
	2/15 Inf Bn LOB			58					"				
	det 435 CI Corps			57					"				
	2/8 Fd Amb			1					"				
	2/118 Bde Wksp			26					"				
	2/58 LAD			40					"				
	Observers			4					"				
				1									

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)	(l)	(m)	(n)	(o)
	2/64 LAD 34 FS Sec (EE) det 1 Bch Gp Air Sp Party 593 EB & SR BBCAU TOTAL	HMAS KANIMBLA	Lt-Col J R BROADBENT 2/17 Inf Bn	1 1 20 3 6 8 129				do	Div " " " " " "	do	do	ECO Capt K McLEOD Loading Offr Capt P K MURPHY	
	2/8 Fd Regt 2/13 Inf Bn LOB 2/15 Inf Bn LOB 2/8 Fd Amb Observers 1 Bch Gp	LCI 1 Bow No 701	Lt-Col R L JOHNSTON 2/8 Fd Regt	127 ✱ 2 5 47 1 8				28 May 1400	Div " " " "	Dock 1 Jetty	29 May 1600	ECO Capt K McLEOD Loading Offr Lt KNIGHT	✱ Incl 47 LOB
	2/8 Fd Regt 2/8 Fd Regt LOB 2/17 Inf Bn 2/8 Fd Regt Sig Sec 2/3 Fd Coy	LCI 2 Bow NO 636	Capt C R MORTON	100 13 20 13 11				28 May 1400	Div " " " "	Dock 1 Jetty	29 May 1600	ECO Capt K McLEOD Loading Offr Lt KING	

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)	(l)	(m)	(n)	(o)
	2/13 Inf Bn	LCI 3 Bow NO 702	Maj H G GILLAN 2/13 Inf Bn	96				28 May 1400	Div	Dock 1 Jetty	29 May 1600	ECO Capt K McLEOD	
	2/3 Fd Coy			46					"			Loading Offr Lt R J WHALEY	
	2/8 Fd Regt			3					"				
	20 Bde Sig Sec			3					"				
	2/8 Fd Amb			24					"				
	2/2 MG Bn			2					"				
	1 Bch Gp			3					"				
	2/58 LAD			3					"				
	B FS Sec			1					"				
	BBCAU			4					"				
	2/8 Fd Regt	LCI 4 Bow NO 703	Lt P J WHARTON 2/8 Fd Regt	103				28 May 1400	Div	Dock 1 Jetty	29 May 1600	ECO Capt K McLEOD	
	2/16 Fd Coy			55					"			Loading Offr Lt NODGMAN	
	2/8 Fd Regt Sig Sec			13					"				
	1 Bch Gp			13					"				

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)	(l)	(m)	(n)	(o)
	2/13 Inf Bn 2/8 Fd Regt 2/3 Fd Coy 1 Bch Gp	USS DLACHENKO	Maj B G CRIBB 2/13 Inf Bn	141 3 6 3				29 May 1600	Div " " "	Dock 1 Jetty	30 May 1600	ECO Capt K McLEOD Loading Offr Lt T W SUTERS	
	2/13 Inf Bn 2/3 Fd Coy 1 Bch Gp	USS LIDDLE	Capt H T GRAHAM	144 6 3				29 May 1600	Div "	Dock 1 Jetty	30 May 1600	ECO Capt K McLEOD Loading Offr Lt CONNELL	
	HQ 20 Inf Bde 2/8 Fd Regt 20 Bde Sig Sec 2/13 Inf Bn B Coy 2/2 MG Bn 1 Bch Gp det 7 Wireless Sec Observers 34 FS Sec (EE) det Pub Relations	USS LLOYD	Lt-Col G E COLVIN 2/13 Inf Bn	15 6 6 67 28 5 11 1 1 2				29 May 1600	Div " " " " " " " " "	Dock 1 Jetty	30 May 1600	ECO Capt K McLEOD Loading Offr Capt C HUGGETT	
	2/13 Inf Bn 1 Bch Gp 2/8 Fd Amb	USS KEPHART	Capt R J FAULKNER 2/13 Inf Bn	142 2 11				29 May 1600	Div " "	Dock 1 Jetty	30 May 1600	ECO Capt K McLEOD Loading Offr Lt LLOYD	
	2/13 Inf Bn 1 Bch Gp	USS NEWMAN	Capt R J BARRETT 2/13 Inf Bn	153 2				29 May 1600	Div "	Dock 1 Jetty	30 May 1600	ECO Capt K McLEOD Loading Offr Lt NEALE	

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)	(l)	(m)	(n)	(o)
	2/1 ME Coy	LSM 1 Bow No 168	Capt J E OLSEN 2/8 Fd Regt		4	1xD6 & 2 Sleds	1A	30 May 1300	ME	Dock 1 Jetty	31 May 0900	ECO Capt W MURISON Loading Offr Lt A W SMITH	Priority Nos 4a,4b & 6 will NOT now be used. These veh's are allotted Priority Nos X10A,X10B & X12 and will follow 10A & 12 respectively.
						Auto Patrol	2		"				
	2/8 Fd Amb				2	1xJ&T	3A,3B		Div				
	2/3 Fd Coy			2	2	1xJ&T	X10A,X10B		"				
	2/64 LAD				3	1xJ&T	5A,5B		"				
	2/8 Fd Regt			19	18	1xJeep	X12		"				
						1xJ&T	7A,7B		"				
						2xTD9& 25 PDRs	8A-9B		ME				
						1x25Pdr	8C		"				
						1x25Pdr	9C		"				
						1xJ&T	10A,10B		Div				
						1xJ & Misc Trlr	11A,11B		"				
						2xJeep	12-13		"				
						2x2½T	14-15		"				
	2/1 ME Coy	LSM 2 Bowno 203	Lt D M BRYCE 2/15 Inf Bn		2	1xD6	1	29 May 1300	ME	Dock 1 Jetty	30 May 0800	ECO Capt W MURISON Loading Offr Lt D M BRYCE	
	2/3 Fd Coy				19	1xR4	2		"				
						1xR4 & Sled	3A		"				
						1xJ&T	4A,4B		Div				
						1x3T	5		"				
						1x3T & Misc Trlr	6A,6B		"				
						1x2½T (Type2)	7		"				
									"				Withdrawn
	2/15 Inf Bn				23	1xJeep	9		"				
						11xJ&T	10A-20B		"				
	20 Bde Sig Sec				3	1xJ&T	21A,21B		"				

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)	(l)	(m)	(n)	(o)
	2/9 Armd Regt Wksp	LSM 3 BowNo 237			2	1xD8	1	29 May 1300	ME	Dock 1 Jetty	30 May 0800	ECO Capt W MURISON Loading Offr Lt E FARLEY	
	2/1 ME Coy		Lt E FARLEY 2/9 Armd Regt		2	1xD8	2		"				
	2/9 Armd Regt				17	1xTk & MiscTrlr	3A,3B		"				
						1xTk	4		"				
						1xTk & MiscTrlr	5A,5B		"				
	1 Bch Gp			2					Div				
	2/3 Fd Coy			6					Div				
	2/8 Fd Regt	LSM 4 BowNo 219	Lt E R McCALLUM 2/8 Fd Regt		39	2xJ&T	1A-2B	29 May 1300	Div	Dock 1 Jetty	30 May 0800	ECO Capt W MURISON Loading Offr Lt J DOYLE	
						1x2½T & 25 Pdr	3A,3B		"				
						1xJ&T	4A,4B		"				
						1x2½T & 25 Pdr	5A,5B		"				
						1x3T	6		"				
						1xJeep	7		"				
						1xJ & MiscTrlr	8A,8B		"				
						3xJeep	9-11		"				
						2x2½T & 25 Pdr	12A-13B		"				
	2/8 Fd Regt Sig Sec				6	3xJ&T	14A-16B		"				
	2/64 LAD				3	1xJ&T	17A,17B		"				
	2/8 Fd Amb				2	1xJ&T	18A,18B		"				

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)	(l)	(m)	(n)	(o)
	2/1 ME Coy	LSM 5 Bow No 225	Capt W J HEDGER 2/13 Inf Bn		8	1xD6 & 2 Sleds	1A	29 May 1300	ME	Dock 1 Jetty	30 May 0800	ECO Capt W MURISON	
						1xD4 & Sled	2A		"				
	2/3 Fd Coy			4	2	1xR4 & 3 Sleds	3A		"			Loading Offr Lt N W SIMMONS	
	2/13 Inf Bn				23	8xJ&T	4A-11B		Div				
						2xJ & 2 Pdr	12A-13B		"				
						2xJ&T	14A-15B		"				
	HQ 20 Inf Bde				6	3xJ&T	16A-18B		"				
	20 Bde Sig Sec				2	1xJ&T	19A,19B		"				
	2/16 Fd Coy				4	1xJ&T	20A-20B		"				To follow Priority 3
	2/58 LAD			1		1xJ&T	X3A,X3B		"				
	2/16 Fd Coy	LSM 6 Bow NO 138	Lt A HOLDSWORTH 2/3 Fd Coy		6	1x2½T	12	30 May 1300	Div	Dock 1 Jetty	31 May 0900	ECO Capt W MURISON	
						1xR4 & 4 Sleds	2A		ME				
	2/1 ME Coy				18	1xD6 & 1 Sled	1A		"			Loading Offr Lt A HOLDSWORTH	
						1xAuto Patrol	3		"				
						1xD6 & 1 Sled	11A		"				
						3xJ&T	4A-6B		Div				
	2/13 Tpt Pl (Lt)				20	1 xJ&T	10A,10B		"				
						9xJ&T	13A-21B		"				
	2/8 Fd Amb				8	2xJ&T	8A-9B		"				
						1x2½T & MiscTrlr	7A-7B		"				

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)	(l)	(m)	(n)	(o)
	2/8 Fd Regt	LSM 7 BowNo 67	Capt ADAMS 2/8 Fd Regt		50	2xJ&T	1A-2B	30 May 1300	Div	Dock 1 Jetty	31 May 0900	ECO Capt W MURISON	
						1x2½T & 25 Pdr	3A-3B		"				
						1xJ&T	4A-4B		"				
						1x2½T & 25 Pdr	5A-5B		"			Loading Offr Lt J F DEAN	
						1xJeep	6		"				
						2xTD9 & 25 Pdr	7A-8B		"				
						1x25Pdr	7C		"				
						1x25Pdr	8C		"				
						2x2½T & 25 Pdr	9A-10B		Div				
						2xJeep	11-12		"				
						1xJ & Misc Trlr	13A,13B		"				
	2/3 Fd Coy				2	1xJ&T	X1A,X1B						
	2/16 Tpt Pl (Hy)	LSD USS CARTER-HALL			4	2x2½T (Type3	20 Bde 1 & 2		Div				

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)	(l)	(m)	(n)	(o)
	727 Amp Trac Bn	LST 1 BowNo 667	Capt J KAY 2/15 Inf Bn		45	13 x LVT4	1-13	28 May 1300	ME	LST Slot 12	29 May 0800	ECO Capt DOWNEY	
	1 Aust Bch Gp			10	10	2xJ&T	17A-18B		Div				
						2xJeep	15-16		"			Loading Offr Lt R WHITE	
	2/118 Bde Wksp			20	17	1x3T ◊	X15		"				◊Loaded between 14&15
						2x3T	19-20		"				
						1x2½T	21		"				
						3xJ&T	22A-24B		"				
						1xJeep	25		"				
						1xDT	26		"				
						1xD6	14		"				
	2/3 Fd Coy			16	4	2x3T (Type2)	27-28		"				
	2/118 Bde Ord Fd Pk				5	3xJ&T	29A-31B		"				
	2/13 Tpt Pl (Lt)				20	10xJ&T	32A-41B		"				
	2/15 Inf Bn			301		2x2Pdr	(Pre-loaded)		"				
	2/8 Fd Regt			3					"				

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)	(l)	(m)	(n)	(o)
	727 Amp Trac Bn Comp AA Wksp	LST 2 BowNo 584	Capt W M A GUS 2/15 Inf Bn		48	13xLVT	1-13	29 May 1300	ME Div	LST Slot 11	30 May 0900	ECO Capt DOWNEY	Note: Serial 14 has been withdrawn
				12	4	1x3T (Mach)	16						
	2/3 Fd Coy					1xDT	17		"			Loading Offr	
					6	1x3T ♀	15		"				
						2x3T ♀	20-21		"				♀ Type 2
	HQ 2/6 Sup Dep Pl			7	6	1xJeep	22		"			Lt C BARNES	
						1xJ&T	23A, 23B		"				
						1x2½T	24		"				
	2/5 Fd Svy Coy			19	4	2xJ&T	25A-26B		"				
	2/26 Sup Dep Pl			10	2	1xJ&T	27A, 27B		"				
	Lt AA Bty			72	10	3xJ&T	28A-30B		"				
						6x40mm	31-36		"				
						1x2½T & MiscTrlr	18A, 18B		"				
	det AA Sig Sec			4		1x2½T	19		"				
	2/8 Fd Regt			47		1xJ&T (Pre-loaded)			"				
						4xGuns (Pre-loaded)			"				
	2/15 Inf Bn			182					"				
	2/64 LAD			1					"				
	Pub Relations			2					"				

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)	(l)	(m)	(n)	(o)
	727 Amp Trac Bn	LST 3 BowNo 751	Maj M STUART 2/15 Inf Bn		47	13xLVT4	1-13	29 May 1300	ME	LST Slot 13	30 May 0900	ECO Capt DOWTEY	Note: Serial 14 Veh has been withdrawn
	2/64 LAD			17	8	1xJ&T	15A,15B		Div				
						1xDT	16		"				
						1x3T	17		"			Loading Offr Lt CAMERON	
						1xJ&T	18A,18B		"				
	2/3 Fd Coy				21	3x3T	19-21		"				
						3xJ&T	22A-24B		"				
						2x2½T (Type2)	25-26		"				
						1xJ&T	27A-27B		"				
	8 Svy Bty			29	4	2xJ&T	28A-29B		"				
	2/58 LAD				10	5xJ&T	30A-34B		"				
	SFCP			7	2	1xJ&T	35A-35B		"				
	HQ 20 Inf Bde			2					"				
	ALP			3					"				
	B FS Sec			1					"				
	2/8 Fd Regt			4					"				
	Met Sec Svy Bty			3					"				
	20 Bde Sig Sec			4					"				
	2/8 Fd Amb			14					"				
	2/15 Inf Bn			260		1xJ(Pre-loaded)			"				
	34												
	det/FS Sec (EE)			1					"				
	Observers			2					"				
	1 Bch Gp			14					"				
	det BBCAU			4					"				

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)	(l)	(m)	(n)	(o)
	A Sqn 2/9 Armd Regt	LST 4 BowNo 574 and	Maj QUILLIAM 2/9 Armd Regt		50	1xSBC	1	28 May 1300	Div	LST Slot 10	29 May 0800	ECO Lt RYAN	Note: Personnel to embark in USS SPENCER report to PA Area 30 May 0900.
						5xTk	2-6		ME				
						1xTk & MiscTrlr	7A-7B		"				
						1x2½T	8		Div			Loading Offr Capt GRAY-BUCHENAN	
						1xTrlr Jeep	14B		"				
						2xJ&T	17A-18B		"				
	Sqn Sub Pk 2/9 Armd Regt Ord Fd PK	USS SPENCER			10	3xJ&T	19A-21B		"				Composition of SPENCER party to be advised later
						3x3T	12-14A		"				
	2/9 Armd Regt Wksp				26	3xJ&T	22A-24B		"				
						1xDT	9		"				
						1x2½T	10		"				
						1x3T	11		"				
	2/9 Armd Regt Sigs				3	1xJ&T	25A,25B		"				
	2/64 LAD				4	1xJ&T	26A,26B		"				
	Air Sp Party			9	4	2xJ&T	27A-28B		"				
	HQ 20 Inf Bde			46	6	3xJ&T	29A-31B		"				
	20 Bde Sig Sec			19	4	2xJ&T	32A-33B		"				
	det B Sec Sigs			4	2	1xJ&T	34A-34B		"				
	det Lt Wireless			3	2	1xJ&T	35A,35B		"				
	Op det Pigeon Sec				2	1xJ&T	36A,36B		"				
	2/8 Fd Regt			7	2	1xJ&T	37A,37B		"				
	2/16 Tpt Pl (Hy)				10	4x2½T (Type6)	38-41		"				
	2/18 Tpt Pl				4	2x3T	15-16		"				
	2/3 Fd Coy			5	2	1xJ&T	42A-42B		"				
	2/8 Fd Amb			5	2	1xJ&T	43A-43B		"				
	2/13 Fd Amb			58	2	1xJ&T	44A-44B		"				
	B FS				1	1xJeep	45						

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)	(l)	(m)	(n)	(o)
	2 Mil Ldg Gp	LST 4 BowNo 574 Contd	do	2	2	1xJ&T	46A,46B	28 May 1300	Div	LST Slot 10	29 May 0800	do	
	det 3 Wireless Sec				9	4xWireless Vans	47-50		"				
	det 7 Wireless Sec												
	det HQ Naval Bomb Gp			5	2	1xJ&T	51A,51B		"				
	Ops Report Team			3					"				
	ATIS			2					"				
	2/17 Inf Bn LOB			40					"				
	2/43 Cipher Sec			2					"				
	2/8 Fd Regt Sig Sec			2					"				
	det 3 Engr Sig Sec			3					"				
	det Pub Relations			2					"				
	1 Pl 2/1 Gd Regt			41					"				
	HQ 2/6 Sup Dep Coy			4					"				
	9 Div Pro Coy			21					"				
	det 83 Army Co-op Wing RAAF			3					"				
	LO 9 Div			2					"				
	det SRD			5					"				
	34 FS Sec (EE)			1					"				
	BBCAU			6					"				
	2/58 LAD			13					"				
	det AAPIU			1					"				
	det 453 CI Corps			3					"				
	1 Bch Gp			19					"				

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)	(l)	(m)	(n)	(o)
	2/1 ME Coy	LST 5 BowNo 922	Capt MOBSON 2/3 Fd Coy		6	1xD6 1xShovel 1x3T Wksp Truck 1xWeld Trlr	1 6 9 10	29 May 1300	ME " Div " "	LST Slot 14	30 May 0900	ECO Capt DOWNEY Loading Offr Lt SMITH	
	Flamethrower Tp2/1 Armd Bde Recce Sqn				15	3xTk 1x2½T & MiscTrlr	2-4 5A-5B		ME Div				
	2/9 Armd Regt Wksp			14	10	1x3T 1x2½T 3xJ&T	8 7 39A-41B		" " "				
	323 Radar Sta			26	8	3x3T 1xJ&T	11-13 22A-22B		" "				
	2/16 Tpt Pl (Hy)				36	1x2½T (Type5) 1x2½T (Type6) 1x2½T (Type3) 1x2½T (Type4) 1x2½T (Type5) 1x2½T (Type3) 1x2½T (Type4) 5x2½T 1x3T 1x3T	15 16 17 18 19 20 21 30-34 14 29		" " " " " " " " " "				
	A Sqn 2/9 Armd Regt			14	6	3xJ&T	23A-25B		"				
	2/27 Sup Dep Pl			30	2	1xJ&T	26A, 26B		"				
	2/3 Fd Coy			69	4	2x2½T (Type2) & Misc Trlr	27A, 28B		"				

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(k)	(l)	(m)	(n)	(o)
	2/8 Fd Amb	LST 5 BowNo 922 Contd	do	90	6	1x3T	35	29 May 1300	Div	LST Slot 14	30 May 0900	do	
						2xJ & MiscTrlr	37A,38B		"				
	2/3 MCU			24	6	3xJ&T	42A,44B		"				
	2/16 Fd Coy				2	1x2½T & MiscTrlr	36A,36B		"				
	2/26 Sup Dep Pl			20					"				
	2/1 CCS			30					"				
	2/8 Dental Unit			5					"				
	9 Div Cash Office			2					"				
	9 Div Postal Unit			4					"				
	9 Div Sal Unit			10					"				
	9 Armd Bde Wksp			3					"				
	AACS			7					"				

WAR DEPARTMENT
CORPS OF ENGINEERS U.S. ARMY

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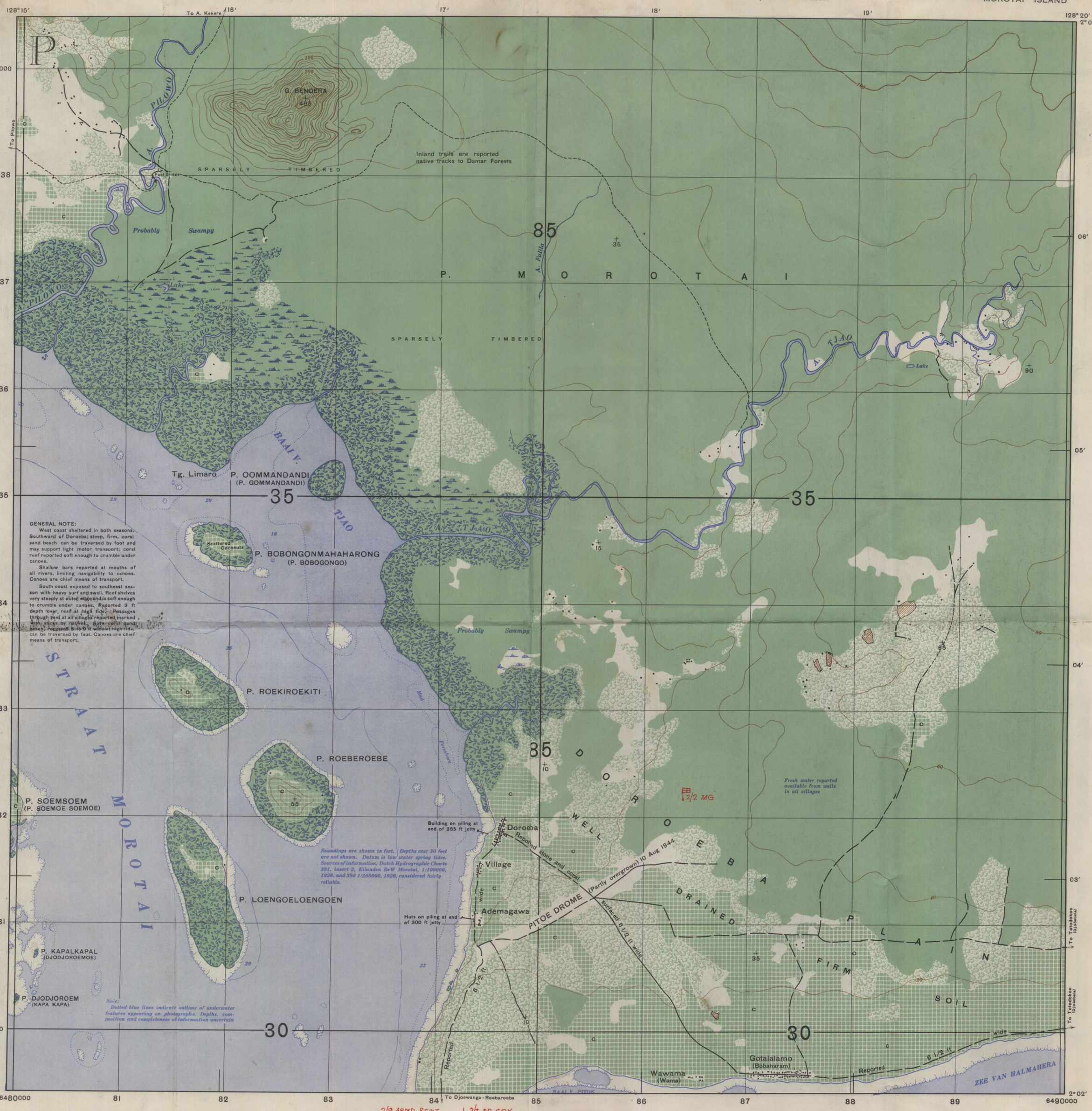
TJAO RIVER
MOROTAI ISLAND



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RELIABILITY DIAGRAM
A - Reliable - from large-scale vertical photography
B - Fairly reliable - from small-scale vertical photography

Grid & True North
Mag North
3°00′E or 53 MILS
Approx mean decl 1944
Annual mag increase 1′

2/9 ARMD REGT 836278
2/3 FD COY 843282

Scale 1/20000 (Approx)

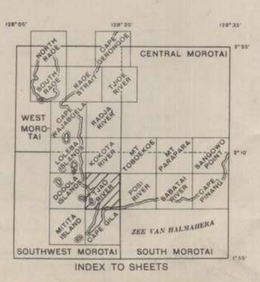
1 1/2 0 1 Mile
1 1/2 0 1 2 Kilometers
1000 500 0 1000 2000 Yards

WARNING: FORM LINES ONLY, NOT CONTOURS
(INTERVAL APPROXIMATELY 20 FT.)

Datum approx sea level

LEGEND

- Buildings or huts
- Jeep road
- Trail
- Trail, probable
- Streams, intermittent
- Shallow or drying reef
- 30 ft depth line (Approx)
- Swamp
- Sago swamp
- Mangrove swamp
- Rain forest
- Secondary growth
- Plantation, Coconut
- Garden
- Sand



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U.S. 1000 YARD GRID (British Modified System)

N.E.I. EQUATORIAL ZONE

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GLOSSARY

A,	Ake	River	Straat	Strait
	Baai	Bay	Tg,	Tandjoeng	Cape or point
G	Goenoeng	Mountain	V,	Van	Of
P,	Poelau, Poelo	Island		Zee	Sea

CAUTION: This map was produced from aerial photographs. Due to lack of accurate ground control, distances scaled on this map may be at variance with actual ground distances.

TJAO RIVER
N202 -- E12815/5

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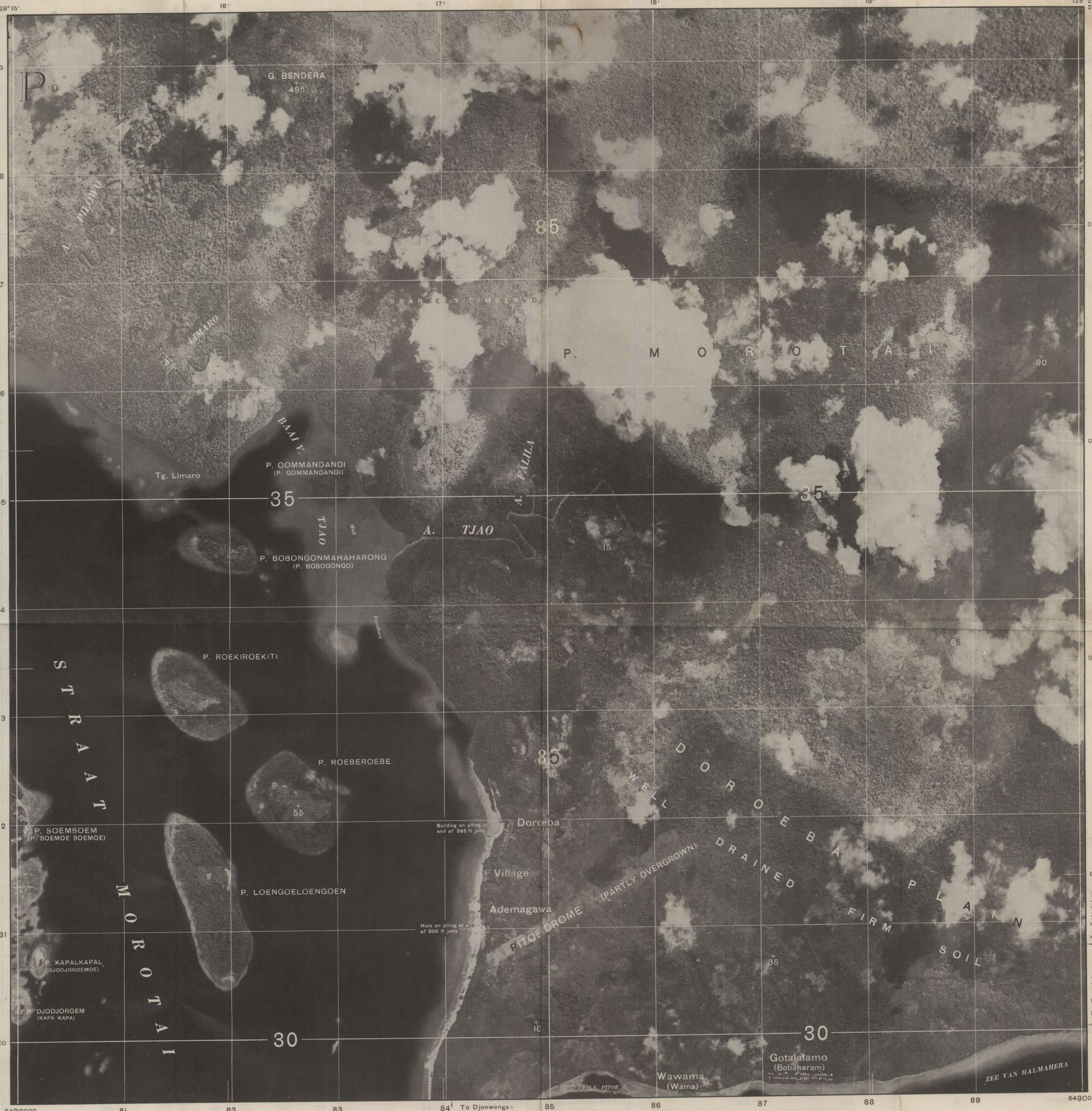
TJAO RIVER
MOROTAI ISLAND



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WARNING:
Cloud patches should not be confused with clearings. Identify clearings from map on reverse side.

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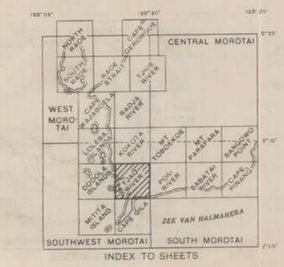

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Scale $\frac{1}{20000}$ (Approx)

1 1/2 0 1 Mile
1 1/2 0 1 2 Kilometers
1000 500 0 1000 2000 Yards

Precise grid references should be given from map on reverse side.

+ ELEVATIONS IN FEET

Datum approx sea level

NOTE: TURN PHOTOMAP SO THAT SHADOWS ON THE PHOTOGRAPHS POINT TOWARD THE USER AND AWAY FROM THE SOURCE OF LIGHT, THE DETAIL OF RELIEF WILL THEN BE CORRECTLY VIEWED.

Grid & True North
Mag North
3°00′ E or 53 MILS

Approx mean decl 1944
Annual mag increase 1′

REPRODUCED BY SMP, U.S. ARMY, GHQ, SWPA, AUGUST 1944

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CAPE GILA
MOROTAI ISLAND

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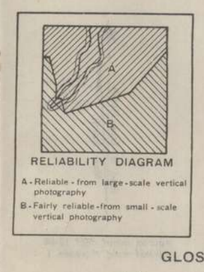

RELIABILITY DIAGRAM

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3°00′ E or 53 MILS

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1 1/2 0 1 2 Kilometers

1000 500 0 1000 2000 Yards

No elevation on this sheet over 20 feet

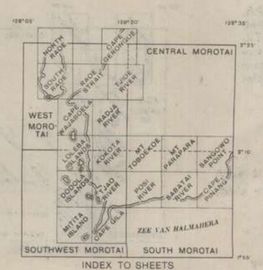
Datum approx sea level

GLOSSARY

	Baai	Bay
	Straat	Strait
Tg.	Tandjoeng	Cape or point
V,	Van	Of
	Zee	Sea

LEGEND

- Village, approx location
- Buildings or huts
- Trail
- Trail, probable
- 30 ft depth line (Approx)
- Mangrove Swamp
- Swamp
- Rain forest
- Shallow or drying reef
- Secondary growth
- Plantations, coconut
- Garden
- Sand



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REPRODUCED BY BMP, U.S. ARMY, GHQ, SWPA, AUGUST 1944

U.S. 1000 YARD GRID (British Modified System)

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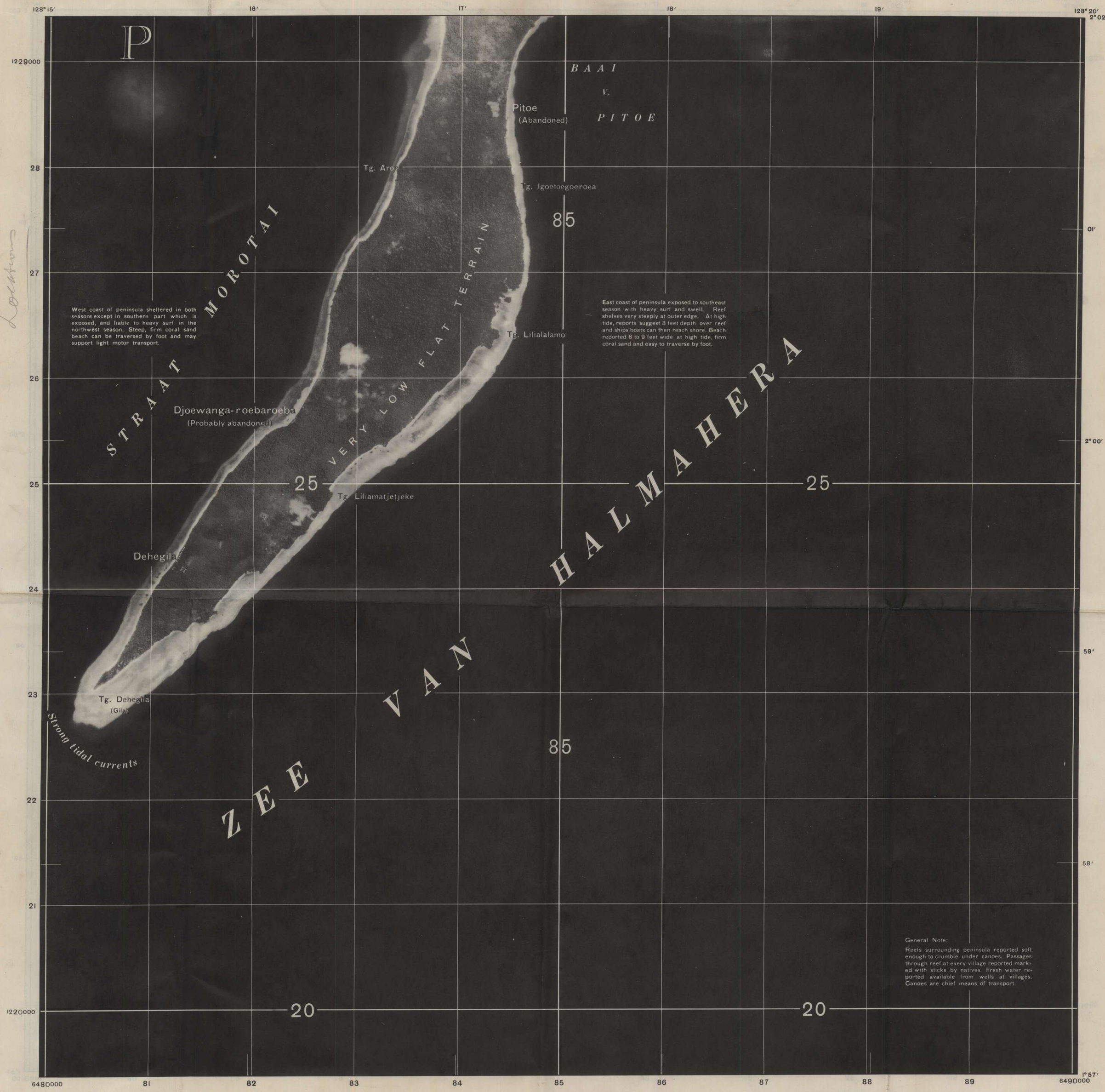
CAPE GILA
MOROTAI ISLAND



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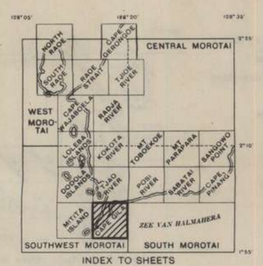

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1 1/2 0 1 2 Kilometers
1000 500 0 1000 2000 Yards

Precise grid references should be given from map on reverse side.
No elevation on this sheet over 20 feet
Datum approx sea level

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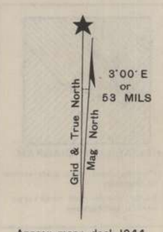

Approx mean decl 1944
Annual mag increase 1′

REPRODUCED BY BMP, U.S. ARMY, GHQ, SWPA, AUGUST 1944

U.S. 1000 YARD GRID (British Modified System)
N.E.I. EQUATORIAL ZONE
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SABATAI RIVER
MOROTAI ISLAND

WAR DEPARTMENT
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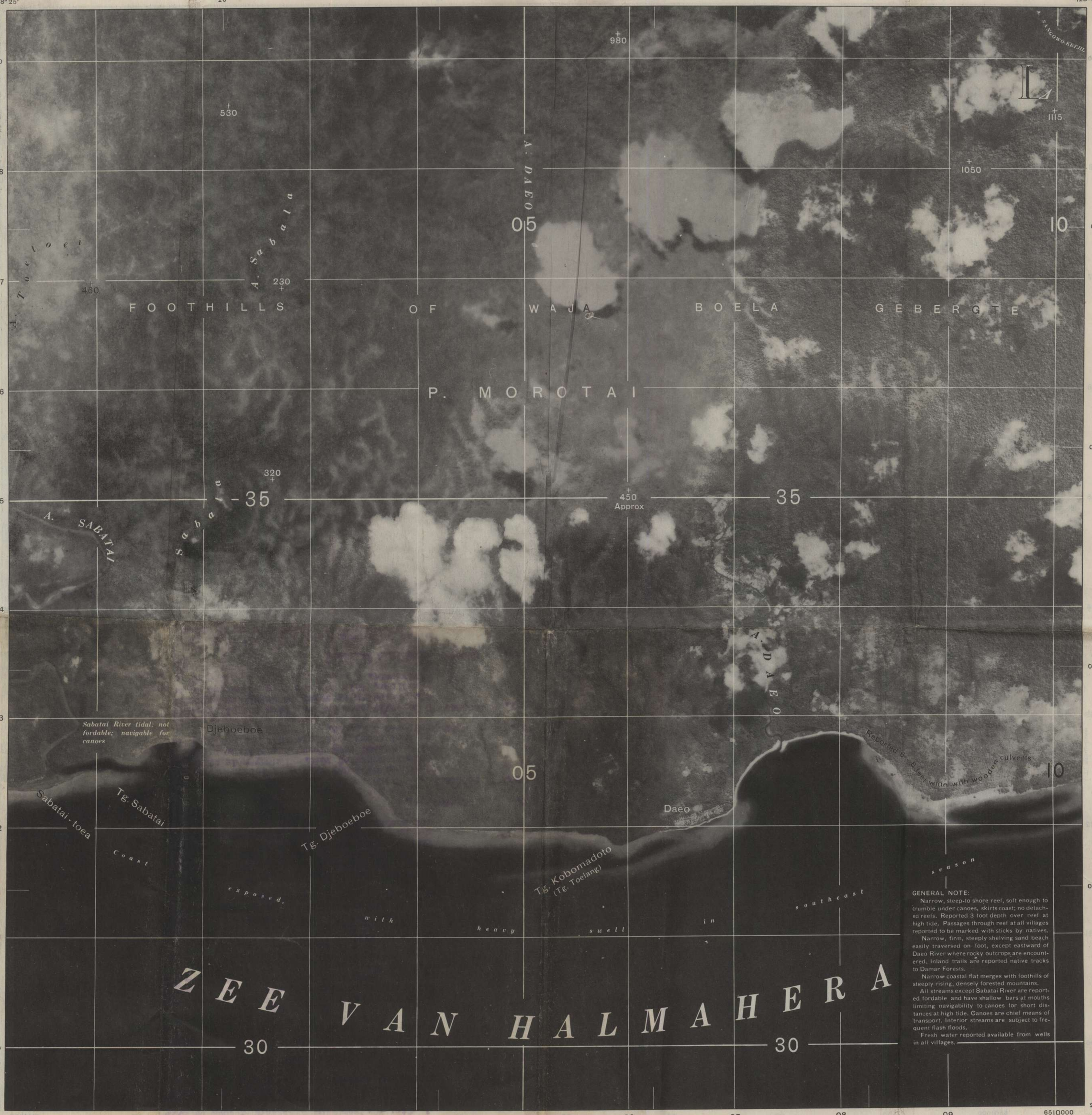
SABATAI RIVER
MOROTAI ISLAND



GENERAL NOTE:

Narrow, steep-to shore reef, soft enough to crumble under canoes, skirts coast; no detached reefs. Reported 3 foot depth over reef at high tide. Passages through reef at all villages reported to be marked with sticks by natives.

Narrow, firm, steeply shelving sand beach easily traversed on foot, except eastward of Daeo River where rocky outcrops are encountered. Inland trails are reported native tracks to Damar Forests.

Narrow coastal flat merges with foothills of steeply rising, densely forested mountains.

All streams except Sabatai River are reported fordable and have shallow bars at mouths limiting navigability to canoes for short distances at high tide. Canoes are chief means of transport. Interior streams are subject to frequent flash floods.

Fresh water reported available from wells in all villages.

Prepared under the direction of the Chief Engineer, GHQ, SWPA, by Base Map Plant, U. S. Army, GHQ, SWPA, August 1944. Compiled from K-18 photography, mission: 204ZX-1; Tri-metrogon photography, missions: 204ZX-1, 213ZX-5, July 1944, 91st Photo Recco Wg, 5th AF, U. S. Army. See reverse side for horizontal and vertical control and sources of information. Lambert Conical Orthomorphic Projection.

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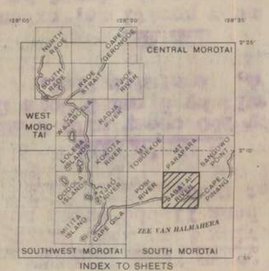

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1000 500 0 1000 2000 Yards

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ELEVATIONS IN FEET
Datum approx sea level

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Grid & True North
Mag North
3°00′ E or 53 MILS
Approx mean decl 1944
Annual mag increase 1

REPRODUCED BY BMP, U.S. ARMY, GHQ, SWPA, AUGUST 1944

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SABATAI RIVER
N202 -- E12825/5

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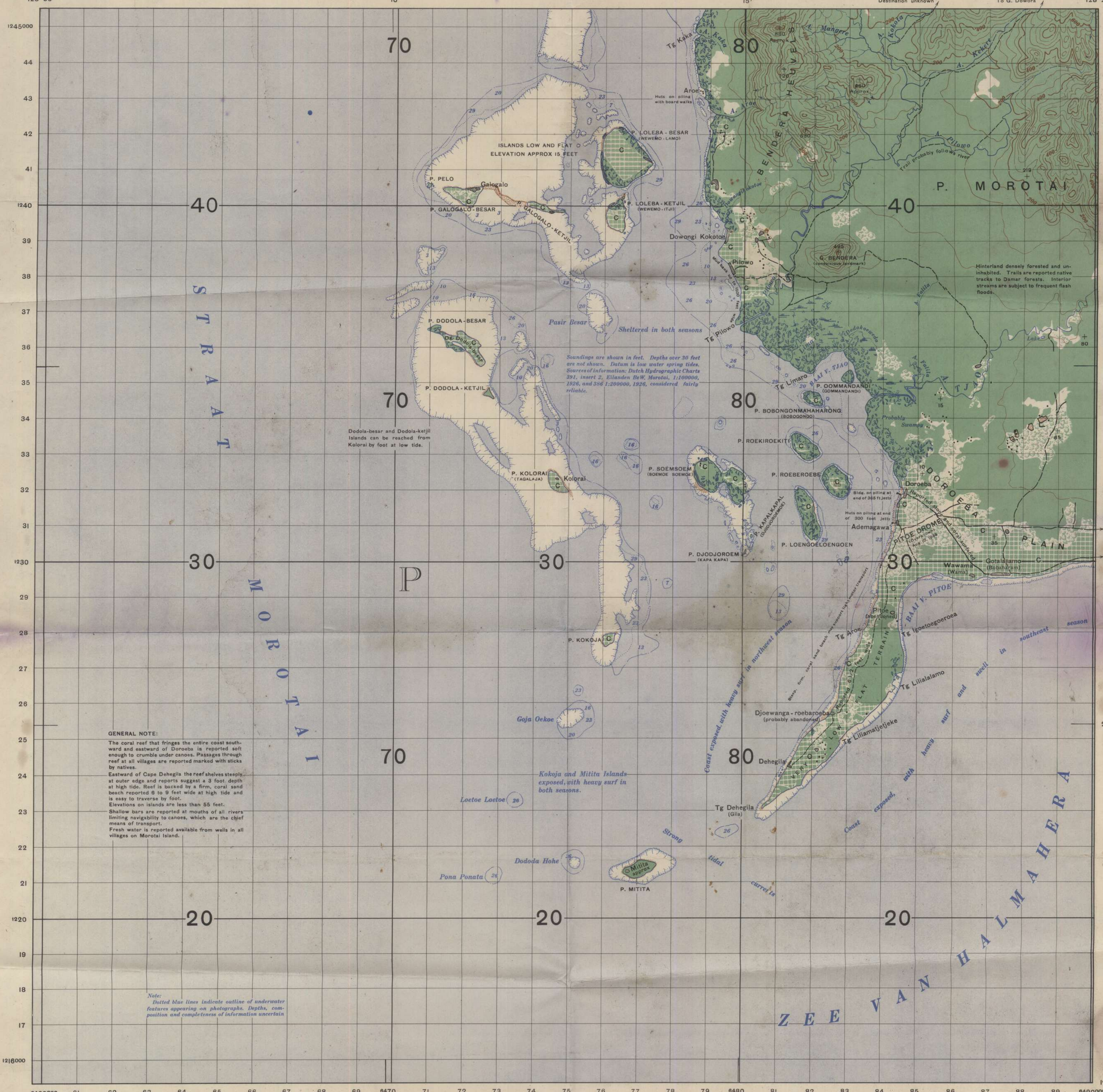
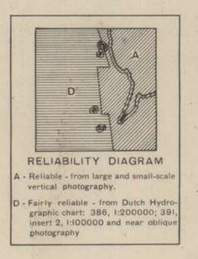
SOUTHWEST MOROTAI

MOROTAI ISLAND



Prepared under the direction of the Chief Engineer, GHQ, SWPA, by Base Map Plant, U. S. Army, GHQ, SWPA, August 1944. Compiled from Tri-metrogon photography, missions: 204ZX-1, 213ZX-5; K-18 photography, missions: 184ZX-2, 210ZX-1, July 1944, 91st Photo Recco Wg, 5th AF, U. A. Army, using Multiplex Aero-projectors, oblique plotting based upon radial-line-plot and Fairchild Stereo-comparagraph. Additional information from: Molukken Islands, Second Edition, 1:100000, AMS, Wajaboela, 101/XII and XIII, 1944; Molukken Islands, First Edition, 1:300000, AMS, Halmahera Sheet 1, 1943; Dutch Hydrographic Charts 386 and 391, 1926; Terrain Studies 71 and 81, AGS, SWPA; Strategic Engineering Studies 103 and 120, Vol. I, OCE; Sailing Directions, AGS, SWPA; Sailing Directions for New Guinea, Publication HO 164, U. S. Navy; Eastern Archipelago Pilot, Vol. III, British Admiralty; Intelligence Summaries to August 1944, CIU, Allied AF, SWPA. Controlled from Dutch Hydrographic Chart 386, 1926. Additional elevations from: Molukken Islands, Second Edition, 1:100000, AMS, Wajaboela, 101/XII and XIII, 1944; Moluccan Islands, First Edition, 1:125000, AMS, Sangowe, Sheet 3, 1943. Lambert Conical Orthomorphic Projection.

CAUTION: This map was produced from aerial photographs. Due to lack of accurate ground control, distances scaled on this map may be at variance with actual ground distances.



RELIABILITY DIAGRAM

A - Reliable - from large and small-scale vertical photography.

D - Fairly reliable - from Dutch Hydrographic chart: 386, 1:200000; 391, insert 2, 1:100000 and near oblique photography

LEGEND

- Village
- Buildings or huts
- Jeep road
- Trail
- Trail, probable
- Foot bridge
- Streams, intermittent
- Streams, probable
- Shallow or drying reef
- 30 ft depth line (Approx)
- Mangrove swamp
- Sago swamp
- Swamp
- Rain forest
- Secondary growth
- Plantations, coconut
- Sand
- Gardens

Scale $\frac{1}{63360}$ or 1 inch equals 1 mile (Approx)

1 1/2 0 1 2 3 Miles

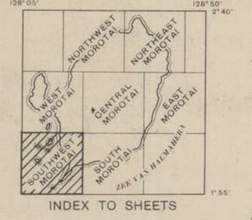
1 1/2 0 1 2 3 4 Kilometers

1000 500 0 1000 2000 3000 4000 Yards

WARNING: FORM LINES ONLY, NOT CONTOURS
(INTERVAL APPROXIMATELY 50 FT.)

Datum approx sea level

NOTE: OFFICERS USING THIS MAP WILL MARK HEREON CORRECTIONS AND ADDITIONS WHICH COME TO THEIR ATTENTION AND MAIL DIRECT TO "THE CHIEF ENGINEER, GHQ, SWPA."



INDEX TO SHEETS

Grid & True North
Mag North
3° 00′ E or 53 MILS

Approx mean decl 1944
Annual mag increase 1′

REPRODUCED BY BMP, U.S. ARMY, GHQ, SWPA, AUGUST, 1944

U.S. 1000 YARD GRID (British Modified System)
N.E.I. EQUATORIAL ZONE

Origin of grid: Lat Equator - Long 110°E, whose coordinates are X = 4,265,095.6 yds and Y = 984,252.8 yds.

To give the coordinates of a point use only larger figures on the grid lines, and add estimated tenths.

The small numbers at the corners are the full coordinates referred to the origin of the grid zone.

Nearest similar reference on this grid is 500,000 yds distant.

ALWAYS indicate grid letter in giving a reference on this grid.

GLOSSARY

A	Ake	River	P	Poelo, poelau	Island
	Baai	Bay		Straat	Strait
G	Goenoeng	Mountain	Tg	Tandjoeng	Cape or point
	Heuvels	Hills	V	Van	Of
Og	Onderneming	Plantation		Zee	Sea
	Pasir	Shoal			

SOUTHWEST MOROTAI
N155 -- E12805/15

BORNEO 1:25,000

PELONG ROCK SOUTH WEST

SHEET 3148 - III SW

LEGEND

RELIABILITY DIAGRAM

A. Reliable - from accurately controlled vertical photographs.
B. Fairly Reliable - from small scale vertical photographs and Hydrographic Charts.

INDEX TO SHEETS

ICO/1080/4898

CONTROL : British Trigonometrical Survey 1937.

AIR PHOTOGRAPHY : 3 Photo Digitring Rpn. 81 Photo Wing, U.S.A.A.F. Missions 6MD7 Feb 48.

COMPILATION : 33 Aust Army Topo Rsv Coy, Aust Sry Corps, from Air Photos | British Hydrographic Chart No 1944 and Tarrain Study 99 by A.G.S. S.W.P.A.

DRAWING : 1 Aust Mob Litho Aust Svy Corps

REPRODUCTION : 205 Engr. A.F. H.Q. Co. 231 Mtn '48

NOTE : OFFICERS USING THIS MAP ARE REQUESTED TO MAKE ANY NECESSARY ADDITIONS AND AMENDMENTS ON THE MAP ITSELF AND FORWARD SAME TO SURVEY DIRECTORATE, H Q OF FORCE CONCERNED.

Scale 1:25,000

CONTOUR INTERVAL 10 METRES

LAMBERT CONICAL ORTHOMORPHIC PROJECTION

HEIGHTS AND DEPTHS IN METRES

ABBREVIATIONS

Bt	BUKIT	(HILL)
P	PULAU	(ISLAND)
Tg	TANJONG	(CAPE)
S	SUNGAI	(RIVER)

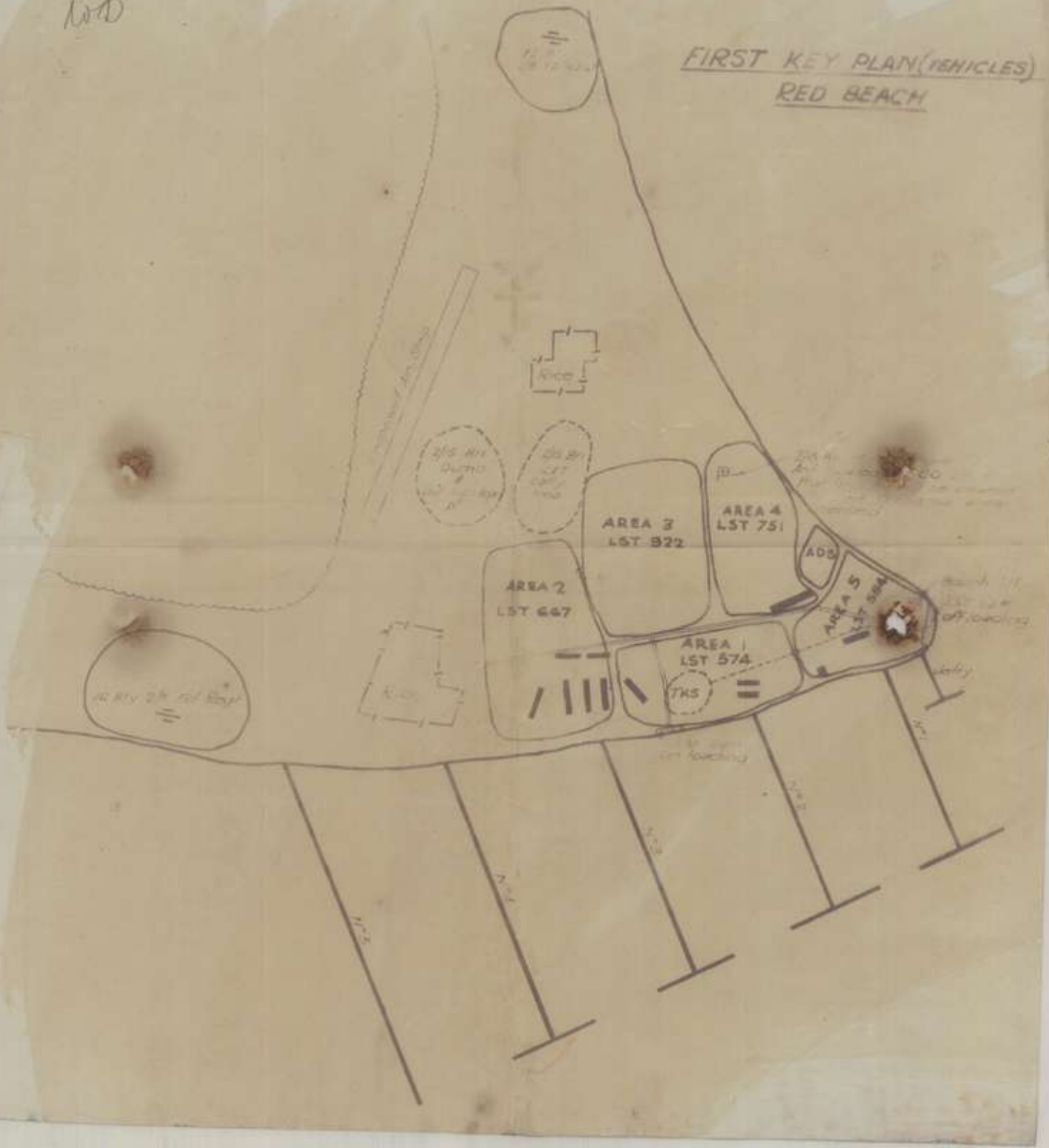
MERCHELANDS EAST INDIES
EQUATORIAL ZONE GRID

PELONG ROCK SOUTH WEST

BORNEO

NOD

FIRST KEY PLAN (VEHICLES)
RED BEACH



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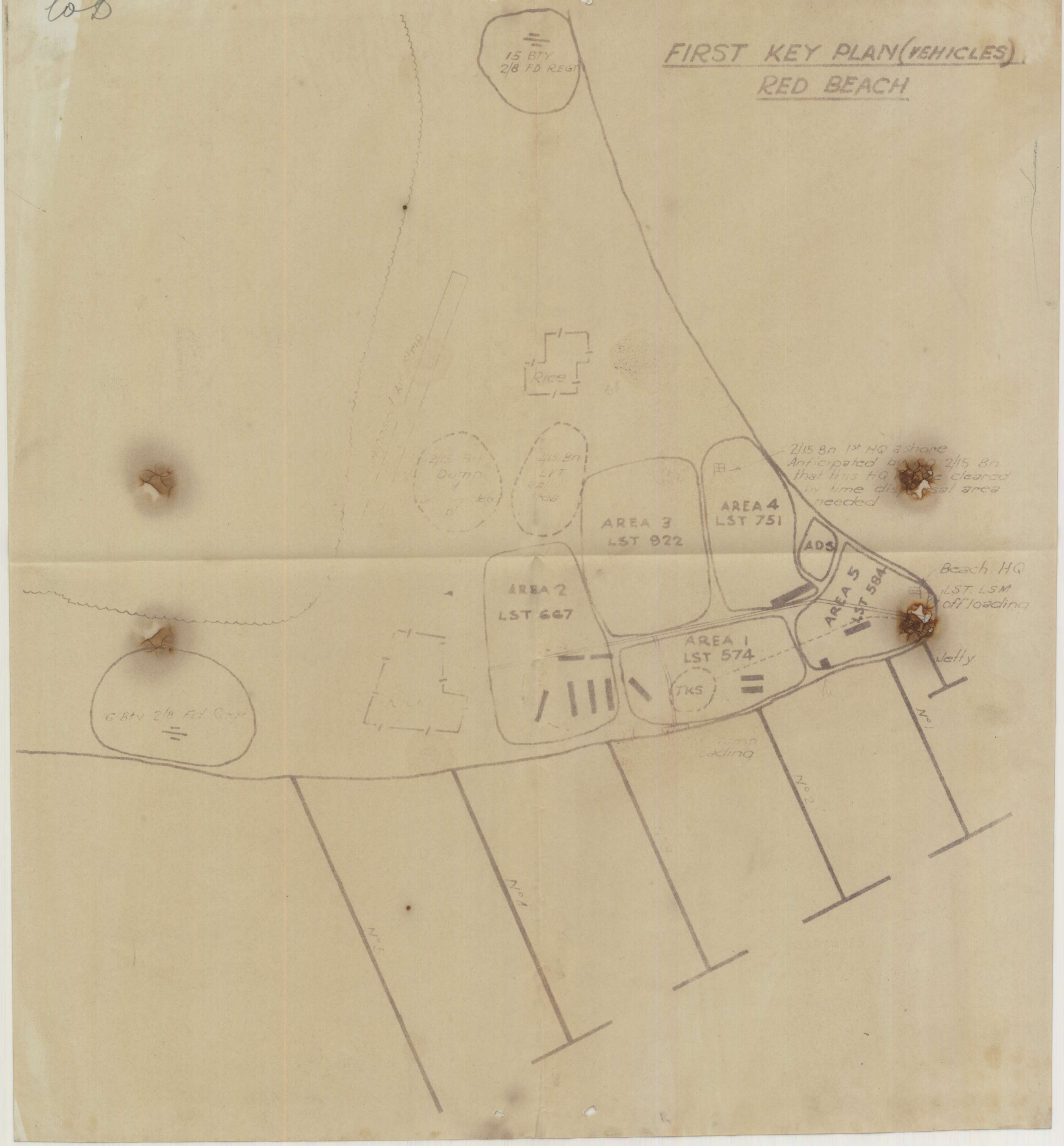
FIRST KEY PLAN (VEHICLES)
RED BEACH