

Series: AWM95
Australian Army commanders' diaries

Engineers units

Item number: 4/3/2

Item: 7 Field Squadron

Narrative

annexes

Summary and Folio D1-K5

[26 Jun - 31 Jul 1964]

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THIS ITEM IS DECLASSIFIED BY
AUTHORITY, THE SECRETARY,
DEPARTMENT OF DEFENCE, CANBERRA

MAJ. A. [unclear]
MEMO.
ARMY HISTORICAL RECORDS
REVIEW TEAM

This record has been reviewed and
declassified by the authority of the
Department of Defence (Army Office)
Date 27/7/93

COMMANDER'S DIARY

7th FIELD SQUADRON RAE

SABAH

AWM 95 [4/3/JUN-JUL 64 part 1]

26 JUN 64 to - 31 JUL 64
(ORIGINAL)

Vol 2

SECRET

ORIGINAL +
~~DUPLICATE~~ +
~~TRIPLICATE~~ +

AFC2119

COMMANDERS DIARY

OF

7 Field Squadron Royal Australian Engineers
(Unit or Formation)

Name of Commanding Officer ... 17032 Maj. F. J. CROSS

From 26 Jun 64 To 31 Jul 64

Signature of Oc unit or senior staff officer *F. J. Cross*

INDEX

Narrative (AFC2119)
Annexes

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x only to be included during operations. + Cross out whichever is not applicable

SECRET

WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required)

Army Form C.2118
(Adapted)

D.4661/7.45—O.6546

Unit 7 Fd Sqn RAE

Date and Time.—From _____ June 1964

To

[illegible]

WAR DIARY or INTELLIGENCE SUMMARY

Army Form C.2118
(Adapted)

Unit 7 Fd Sqn RAE

Date and Time.—From June 1964 To _____

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COMMANDERS WAR DIARY or INTELLIGENCE SUMMARY

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Army Form C.2118
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D.4661/7.45—C.6546

Unit 7 Fd Sqn RAE

Date and Time.—From June 1964

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Commanders **WAR DIARY or INTELLIGENCE SUMMARY**
(Erase heading not required)

Army Form C.2118
(Adapted)

D.4661/7.45-C.6546

Unit 7 Fd Sqn RAE

Date and Time.— From June 1964 To _____

Place	Date	Hour	Summary of Events and Information	Remarks and References to Appendices, Diaries, &c.
KENINGAU	29 Jun	0045	CGS and party departed KENINGAU. CGS stated aim was to const max length of rd and therefore specifications must be relaxed to allow the rapid const nec	
KUAMUT		0200	SITREP	"S" No 3
KENINGAU		0230	OC and Orderly Room Sgt depart for KUAMUT on inspection and del of pay, cypher keys, NIS and address gps	
PEGALAN RIVER		0445	Preliminary svy SOUTH of PEGALAN R commenced	
			• Troops employed on camp drainage	
KUAMUT		2330	SITREP	"S" No 4
KENINGAU		0900	KUAMUT airdrop demand	"K" 2(a)
			<i>Received KUAMUT Security and Defence Orders</i>	"D" 1

COMMANDERS WAR DIARY or INTELLIGENCE SUMMARY

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Army Form C.211b
(Adapted)

D.4661/7.45—O.6546

Unit

7 Fd Sqn RAE

Date and Time.—From.

June 1964

.....To

[illegible]

WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required)

Army Form C.211d
(Adapted)

D.4661/7.45—O.6546

Unit 7 Fd Sqn RAE

Date and Time.—From July 1964 To _____

[illegible]

COMMANDERS

Army Form C.2118
(Adapted)

D. 4661/7.45—O.6546

Unit 7 Fd Sqn RAE

Date and Time.—From July 1964 To _____

[illegible]

COMMANDERS

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(Adapted)

(Erase heading not required)

D.4661/7.45-C.6546

Unit 7 Fd Sqn RAEDate and Time.— From June 1964 To _____

Place	Date	Hour	Summary of Events and Information	Remarks and References to Appendices, Diaries, &c.
KENINGAU	4 Jul	0100	District MO KENINGAU recommends med evac of 26335 Cpl WILLIAMSON to SINGAPORE. Soldier suffered head injuries in veh accident	
		0526	Advice received ref move of MO RAAMC for KUAMUT	"O" No 2(a)
KUAMUT		0400	SITREP	"S" No 9
KENINGAU		0900	Forward Sqn SITREP to COMLANDBOR	"E" No 1
		0920	Received advice mov of MO RAAMC for KUAMUT	
		0315	KUAMUT airdrop completion report	"K" 2(b)
		0800	Routine Order	"L" Nos 124-126
		0800	Routine Order	"L" No 127
			<i>Received Kuamut Health Report 9 Jun - 5 Sat</i>	<i>K-#5</i>

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D.4661/7.45—O.6546

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Date and Time.—From June 1964

To

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COMMANDERS

WAR DIARY or INTELLIGENCE SUMMARY

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D.4661/7.45-C.6546

Unit 7 Fd Sqn RAE

Date and Time.— From June 1964 To

Place	Date	Hour	Summary of Events and Information	Remarks and References to Appendices, Diaries, &c.
KENINGAU	6 Jul	0050	AQMG (maint) AHQ arrived - held discussions ref maint of	"J" No 2(a)
			7 Fd Sqn in SABAH	
KUAMUT		0200	SITREP	"S" No 11
KENINGAU		0230	Medevac Cpl BIDDLECOMBE to JESSELTON	
			Cpl WILLIAMSON to SINGAPORE by civilian ac	
		0530	AQMG (maint) departs for TENOM rly stn for mov by train to	
			JESSELTON	
			Troops employed on const of camp def wiring and drainage	
		0830	OC issued camp def layout	"O" No 3
		0900	Received advice delay MO for KUAMUT	"O" No 2(b)
		0755	ENGR SITREP	"E" No 2
		0700	KUAMUT airdrop demand	"K" No 2(c)
			Received Rd specifications - KENINGAU-SEPULOT Rd	"D" No 2

WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required)

Army Form C.211b
(Adapted)

D.4661/7.45-C.6546

Unit 7 Fd Sqn RAE

Date and Time.— From June 1964

To _____

Place	Date	Hour	Summary of Events and Information	Remarks and References to Appendices, Diaries, &c.
KUAMUT	7 Jul	0001	SITREP	"S" No 12
KENINGAU		0100	OC departs for motor cycle of SOOK rd	
KUAMUT		0400	SITREP	"S" No 13
KENINGAU			Troops employed on drainage in camp after hy rain on ni	
			6/7 Jul 64	
		0630	OC RTU - recce unsuccessful due to conditions of track	
		2030	OC departs for TENOM Rly stn for mov to JESSELTON to meet	
			E in C	
			<i>Received sig from 3BOD (SINGAPORE) ref MML</i>	<i>"O" No 13.</i>
			<i>Dispatched memo requesting exemption from tests for Mit Skill</i>	<i>"O" No 14.</i>

WAR DIARY or INTELLIGENCE SUMMARY

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Unit 7 Fd Sqn RAE

Date and Time.—From June 1964 To _____

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Army Form C.2118
(Adapted)

D.4661/7.45—C.6546

Unit 7 Fd Sqn RAE

Date and Time.— From June 1964

To _____

Place	Date	Hour	Summary of Events and Information	Remarks and References to Appendices, Diaries, &c.
KENINGAU	9 Jul	0045	E in C, CRE BORNEO, OC arrive by ac	
		0235	QM departs for KUAMUT to reconcile det records	
		0310	Received advice date of KUAMUT airdrops changed from	
			Firdays to Tuesdays	
KUAMUT		0740	SITREP	"S" No 14
KENINGAU			Following verbal directives issued	
			NO br at DOROG by E in C	
			NO rd improvement before mile 13 by CRE	
			Forget E2 specifications by CRE	
		0710	KUAMUT airdrop demand	"K" No 2(d)

COMMANDERS WAR DIARY or INTELLIGENCE SUMMARY

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Date and Time.—From June 1964

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D.4661/7.45-C.6546

Unit

7 Fd Sqn RAE

Date and Time.— From June 1964

To

Place	Date	Hour	Summary of Events and Information	Remarks and References to Appendices, Diaries, &c.
KENINGAU	11 Jul	0115	E in C, OC depart by ac for BRUNEI. OC to attend CRE	
			monthly conference	
		0115	Despatched 7 Fd Sqn ENGR SITREP with OC	"E" No 3
KUAMUT		0200	SITREP	"S" No 16
KENINGAU		0245	Aust LOs arrived, advise unit that correspondence to Aust	
			Army superfluous as amplified in Aust Army ROs. However	
			unit NOT on RO distr list	
		0700	Compass and abney level traverse complete to mile 11 on	
			KENINGAU-SOOK Rd	
		0730	Received direction from AHQ to submit report on UNIMOG	"N" No 1
			Troops manningbLTR on PEGALON River	
		0515	Cancellation mov MO for KUAMUT	"O" No 2(d)
			Received copy of Aust Army letter on "7 Fd Sqn RAE Imprest Account"	"O" No 4

COMMANDERS

WAR DIARY or INTELLIGENCE//SUMMARY

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Date and Time.—From June 1964 To _____

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Army Form C.2118
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D.4661/7.45-0.6546

Unit

7 Fd Sqn RAE

Date and Time.— From

June 1964

To

Place	Date	Hour	Summary of Events and Information	Remarks and References to Appendices, Diaries, &c.
KUAMUT	13 Jul	0035	Request for CASEVAC	"O" No 6(a)
KENINGAU		0050	Relay CASEVAC msg to HQ Central Bde	"O" No 6(b)
		0115	ACK KUAMUT CASEVAC	"O" No 6(c)
		0130	BEME Central Bde arrived for EME talks	"O" No 10
		0330	Answer to request of 0050Z received	"O" No 6(d)
		0400	OC decision NOT to const brs before mile 14 SOOK rd	
KUAMUT		0630	CASEVAC SITREP	"O" No 6(e) & S" No 19
KENINGAU		0634	Investigation ordered into KUAMUT CASEVAC	"O" No 6(f)
		0800	OC decision to improve PEGALAN rd ford	
		0845	Sig to AUSTARM advising CASEVAC	"o" No 6(g)
		0800	Routine Order	"1" Nos 133-134
SOOK rd Mile 13		2000	ASTROFIX at mile 13 by 2 Tp 84 Svy Sqn RE	

WAR DIARY or INTELLIGENCE//SUMMARY////

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Army Form C.2118
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D.4661/7.45—O.6546

Unit 7 Fd Sqn RAE

Date and Time.—From June 1964

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Army Form C.2118
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D.4661/7.45-O.6546

Unit 7 Fd Sqn RAE

Date and Time.— From June 1964 To _____

Place	Date	Hour	Summary of Events and Information	Remarks and References to Appendices, Diaries, &c.
KUAMUT	15 Jul	0020	SITREP	"S" No 21
		2300	SITREP	"S" No 22
KENINGAU			Troops employed on const of hard standing, magazine, water tank, operation of LTR	
			300 cu ft knock down refrigerator broken down. Estb did NOT allow for a refrigerator mechanic	
			Fire hazards exisiting in kitchen and wksp. NO foam extinguisher issued to unit prior to departure from Aust as NONE aval	
		0030	KUAMUT Airdrop completion report	"K" No 2(e)
		0800	Routine Order	"L" Nos 135 - 139
			<i>Received copy AGREEMENT RIVER TPT for KUAMUT from CEN BDE</i>	<i>"O" No 12</i>
			<i>Received copy of letter from BANK to AUST ARMY on IMPREST ACCOUNT</i>	<i>"O" No 4</i>
			<i>SIG from CEN BDE ref MMA</i>	<i>"O" No 13</i>

COMMANDERS **WAR DIARY or INTELLIGENCE SUMMARY**
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Army Form C.2118
(Adapted)

D.4661/7.45-C.6546

Unit 7 Fd Sqn RAE Date and Time.— From June 1964 To _____

Place	Date	Hour	Summary of Events and Information	Remarks and References to Appendices, Diaries, &c.
KENINGAU	16 Jul	0901	Sig on replacement of MO for KUAMUT	
			Troops employed on setting up adv plant har at mile 5,	
			felling timber along rd alignment and LTR operation	
			Wksp comd reports vehs per TET inadequate for prompt service	
			of plant. Veh allocated by OC from Sqn LR pool	
			Wksp making continual demand on petty cash for small items	
			not aval in scalings	
Mile 5 SOOK rd		0800	Plant Tp and tipper elm moved into plant har at Mile 5	
KENINGAU	0	0800	Routine Order	"L" Nos 140- 142
			<i>DISPATCHED Imprest Account countersigning Offrs signatures</i>	<i>"O" No 4</i>

WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required)

Army Form C.211b
(Adapted)

D.4661/7.45-C.6546

Unit

7 Fd Sqn RAE

Date and Time.— From

June 1964

To

Place	Date	Hour	Summary of Events and Information	Remarks and References to Appendices, Diaries, &c.
KUAMUT	17 Jul	0630	SITREP	"S" No 23
KENINGAU			Troops employed on SOOK rd drainage, timber felling and	
			and operation of LTR, rd const	
			Results of mile 13 Astro fix received	
			Wksp to modify the posn of tail lt assy on tippers to stop	
			damage during end loading and tipping	
		0150	KUAMUT airdrop demand	"K" No 2(f)
KENINGAU		0230	RECEIVED direction on PROJECT FINANCIAL ARRANGMENTS	"O" No 4(a)
			RECEIVED CENTRAL BDE ADM INSTR NO 14 REME SVCS	"J" No 3.
			DISPATCHED RETURN ON FIRE DAMAGE TO EQPT ON SABAH RLY	"K" No 4

COMMANDERS WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required)

Army Form C.2118
(Adapted)

D.4661/7.45—C.6546

Unit 7 Fd Sqn RAE

Date and Time.— From June 1964

To _____

Place	Date	Hour	Summary of Events and Information	Remarks and References to Appendices, Diaries, &c.
SOOK Rd	18 Jul	0130	Heli recce of SOOK Rd Mile 14 to Mile 20	
KENINGAU		0330	QM RTU ex KUAMUT	
			Troop employed on rd const, timber felling, LTR operation.	
			LTR outboard motor mountings unsatisfactory causing motor	
			mounting brackets to fail.	
		0530	Camp visit by 10 representatives of SABAH PRESS ORGANISATIONS	
			toured rd project	
KUAMUT		0505	SITREP	"S" No 24

COMMANDERS

WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required)

Army Form C.211d
(Adapted)

D.4661/7.45—C.6546

Unit 7 Fd Sqn RAE

Date and Time.—From June 1964

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COMMANDERS

Army Form C.2118
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Unit 7 Fd Sqn RAE

Date and Time.—From June 1964 To _____

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(Adapted)

Unit 7 Fd Sqn RAE

Date and Time.—From June 1964 To _____

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(Adapted)

D.4681/7.45—C.6546

Unit

7 Fd Sqn RAE

Date and Time.—From June 1964

To

[illegible]

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Army Form C.2118
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D.4661/7.45-C.6546

Unit 7 Fd Sqn RAE

Date and Time.— From June 1964 To _____

Place	Date	Hour	Summary of Events and Information	Remarks and References to Appendices, Diaries, &c.
KENINGAU	23 Jul	0045	Adm Offr RTU with pay \$33,000	
KUAMUT		1400	SITREP	"S" No 29
KENINGAU			Works sec complete svy of rd mile 12 to mile 14.	
			Troops employed on rd const.	
			Forward manning detail to HQ RAE 1 Div.	"O" No 7
		0305	ENGR SITREP	"E" No 5
		2315	KUAMUT airdrop demand	"K" No 2(h)
		0800	Routine Order	"L" Nos 143-144
		0800	Routine Order	"L" Nos 145 - 146
			Maint of 7 Fd Sqn from HQ Central Bde	"J" No 2(b)
			<i>Received signal advising Aust Cash Offr unable to adv \$3600-Singapore</i>	<i>"O" No 4</i>
			<i>riots.</i>	

COMMANDERS

WAR DIARY or INTELLIGENCE/SUMMARY/

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(Adapted)

D.4661/7.45—C.6546

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7 Fd Sqn RAE

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COMMANDERS

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D.4661/7.45—O.6546

Unit 7 Fd Sqn RAE

Date and Time.—From June 1964

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[illegible]

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Unit 7 Fd Sqn RAE

Date and Time.—From _____ June 1964

To

RCDIG1028580

COMMANDERS

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Army Form C.2118
(Adapted)

(Erase heading not required)

D.4661/7.45-C.6546

Unit 7 Fd Sqn RAE

Date and Time.— From June 1964

To _____

Place	Date	Hour	Summary of Events and Information	Remarks and References to Appendices, Diaries, &c.
KENINGAU	29 Jul	0800	Completion of days work - lead dozer at chainage 70,000 ft seven culverts completed by Fd Tp <i>to date.</i>	
		0800	Routine Order	"L" No 147 - 148
		0145	Visit by Comd Sec Representative COMLANDBOR to inspect camp prior to attending conference in SINGAPORE to discuss the estb of UK Inf Bn HQ in area when the RAE move out	
KUAMUT		1100	MEDEVAC one leptospirosis case to SANDAKAN and one suspected leptospirosis case to MRS BRUNEI. MO	"S" No 34
<i>KENINGAU</i>			<i>Received DO letter from Comd Aust Army</i>	<i>"M" No 1</i>

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Unit 7 Fd Sqn RAE

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D.4661/7.45—C.6546

Unit 7 Fd Sqn RAE

Date and Time.—From Jun 64

To

[illegible]

SECURITY AND DEFENCE ORDERS

A. The Problem

1. Full scale attack.
2. Harassing attack by day and night
3. Sabotage
4. Theft of attractive items
5. Quest for information

B The answer

1. Security screening and identity cards for civilian employees.
2. Highest standards of security for stores, equipment (particularly weapons, ammo) documents etc
3. Avoidance of careless talk. Signals security.
4. Picquets by day andnight
5. Clearing patrols
6. A thoroughly practiced stand to procedure
7. The ability to withstand a full scale attack and provide effective counter attack

Security Screenings and ID Cards

All civilian employees will be issued with local leave pass (which will serve as an ID Card) on day of employment. These will be registered and withdrawn on day of ceasing employment.

As from 1 Jul 64 all employees will be photographed and photo/name forwarded to special branch SANDAKAN (Mr HARDACRE) for security clearance. Cpl Clerk responsible. Persons in camp unable to produce ID Card to be conducted to 2IC.

Security of Stores Equipment and Documents

Weapons will be carried at all times. Except when on picquet, or during stand to's magazines will be carried in the pockets. During work weapons will not be stockpiled.

Stores will be retained in a security compound where they will be maintained and secured by the storeman. Issues from the compound will be made only on day book or inventory form. Day book issues will be returned by 1700 hrs daily. The person signing for stores will be personally responsible for their security and will constantly check the stores. Losses will be reported immediately. Losses by neglect will result in disciplinary action and possible recovery of cost from member. On arrival of stores, RAEME Det will construct lockable ARC mesh receptacles for storing attractive and controlled stores, including ammo.

Plant If not working plant will always be harboured in tpt/plant compound by night.

<u>Documents</u>	SECRET in safe (2IC)
	Other documents in locked cabinet (Cpl Clerk)
	All desks cleared each afternoon (individual)
	Adm marquee, OC/2IC's tents never left unattended (Adm Sgt)

Careless Talk - Sigs Security

Careless talk must be controlled, particularly in presence of civilian labour or when away from camp. NCO's must supervise. Do not trust European civilians.

All sigs made out on F Sigs 52, and will be signed by 2IC who will decide security classification and precedence.

Even in UNCLAS messages, code names for locations will be used (Substitution of code names will be done by R Aust Sigs)

Restricted messages sent in slidex.

Higher classification sent in Portex.

All signals will be registered by R Aust Sigs in signals register.

All equipment and documents in Sig Centre are regarded as SECRET and the area is out of bounds to persons not having business in the centre.

Picquet

Day. Each section working out of camp area will maintain one roving picquet all day to protect section.

Adm Sgt will roster the adm staff so that one member is on sentry around the camp area all day.

Night. ASM will roster sections (or parties of equivalent strength) for night sentry duty.

There will be three beats - 2 in camp, 1 in tpt/plant/RAEME area. Duty will be from 1600 hrs - 0630 hrs. Night picquet is excused all parades till 1000 hrs the following day.

ASM will prepare detailed picquet orders.

Patrols

Each morning at 0530 hrs the picquet will send out a 5 man clearing patrol, of one hour duration. The ASM will brief the picquet commander on mounting the route and purpose of the patrol.

Stand to Procedure

A stand to procedure will occur (real or practice) when

- (a) a shot is fired
- (b) someone shouts "Stand To"

Any person seeing or suspecting a suspicious incident will order the stand to and report immediately to the Det OC. When the alarm is given every person will double to his allotted place, and prepare for action. At night members will only take weapons, arms and footwear. A list of strong points, their locations and personnel allotted will be published by ASM.

If situation permits the following personnel will

2IC - Remove all security items from safe and prepare for destruction.

Two Sigs - Establish comms with Sqn HQ. The second Cll set will be dug in for this purpose.

Boat crew - Cast off and report to 8 RM camp.

Cpl Clerk - Prepare all documents for destruction.

Cpl Storeman - Prepare all attractive stores for destruction.

Section 2IC's - Report to Det OC for orders.

Stand Down

Will be passed quietly by Det OC from section to section.

Full scale attack and counter attack

Each weapon pit commander will draw from Q Store

50 rounds ammo per man
1 jerrican filled
1 days rations (tinned)

These will be dug into the side of the weapon pit and inspected regularly by weapon pit commander.

Only the section nearest the enemy will return fire, unless this section appears certain to be over run. Fire only at observed targets. The remaining section will stand by for counter attacks. There will be no counter attacks by Sec Comds without orders, particularly by night. The position will NOT be abandoned without my orders.

Capt

OC Det

7 FIELD SQUADRON
ROYAL AUSTRALIAN ENGINEERS

ANNEX D

Nº 2

Headquarters
Land Forces Borneo
British Forces Post Office 660
c/- GPO BRUNEI
3 Jul 64

17 Div 5539510 Engr

7 Field Sqn Gp RAE

Road specifications - KENINGAU-SEPULOT Road

1. In view of the operational need to get the road through to SEPULOT as quickly as possible, it has been decided to reduce the constructional specifications. Amendments to the original Technical Instruction are attached.

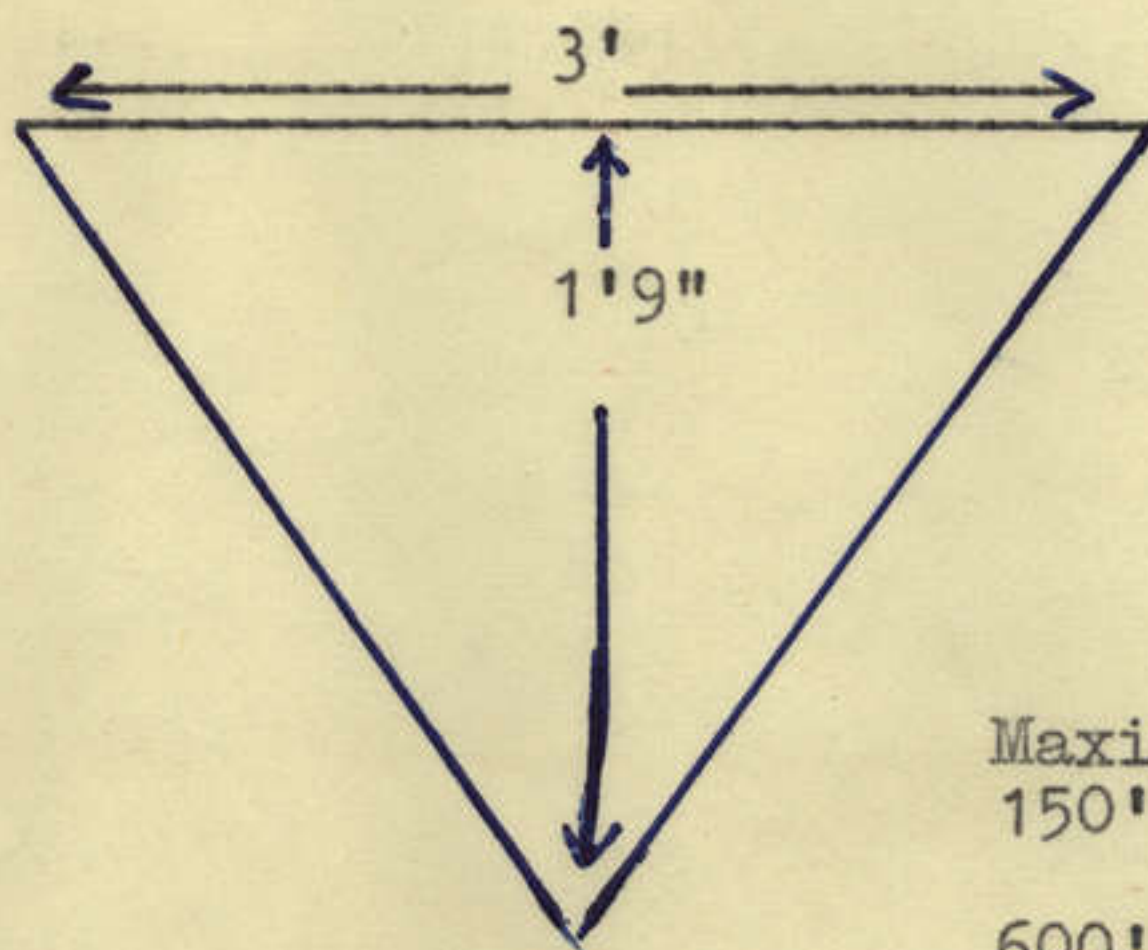
(J F ALLEN)
Lieutenant Colonel RE
Commander Royal Engineers

1 Jul 64

Annex B to CRE BORNEO Technical Instruction
No 4
Amendment No 1

ROAD STANDARDS

Formation width	22'
Carriage Way	15'
Design Speeds	15 mph
<u>Gradients</u>	
Control Gradient (CG)	12%
Max Gradient (MG)	14%
Max length at MG	500'
Max length exceeding CG	1,000'
Min curve radius fromc	50'
Min verge width in cut	3'
Min verge width in fill	5'
Camber	1 in 20 (not less)
Normal slope in earth cuts and fills (cubject to site conditions	1 in $1\frac{1}{2}$
Carriage way level	2" above HHWL
Ditches	



Min Gradient 0, 2%

Max Gradient 2@

Maximum lengths between outlets
150' in mountains

600' in plains

1 Jul 64

Amendment No 2 to CRE BORNEO Technical
Instruction No 4

Insert in para 6 after sub para d

- e. The road will subsequently be improved to PWD E2 standards. the alignment is to be selected accordingly.
- f. Sg PAPAN and Sg PEGALAN are not to be bridged.
- g. No trees are to be left overhanging the road. Forward clearance is to be effected to give maximum exposure to the road surface to direct sunlight.
- h. The carriageway is to be surfaced with a minimum of 3" compacted gravel. In those areas where compacted soil is not strong enough. Compaction should be at least 90% mod AASHO.

MESSAGE FORM

Annex E. No 1

NUMBER.....

FOR COMM CEN/SIGNALS USE.....

PRECEDENCE — ACTION	PRECEDENCE — INFO DEFERRED	DATE — TIME GROUP 04 0900 Z	MESSAGE INSTRUCTIONS
From 7 (Aust) Fd Sqn RAE			PREFIX GR
To HQ COMLANDBOR			SECURITY CLASSIFICATION UNCLAS
			ORIGINATOR'S NUMBER G1

Info

weekly engr sitreps WEF 4 Jul (.) KENINGAU area (.) camp const
proceeding (.) all timber buildings complete (.) camp roads 40 percent (.)
PWD water line 50 percent (.) road to PEGALAN river improvement complete
excl drainage (.) DORDG river concrete ford is failing (.) KENINGAU -SOOK
road 3 percent complete (.) standard of constr is 15 ft wide with 12 ft
gravel (.) proposed works to 11 Jul as follows (.) construct LTR (.)
improve approaches to river PEGALAN (.) submit quantities list for timber
br at river DOROG (.) move plant har across PEGALAN (.) continue with
road construction (.) plant serviceability follows (.) one TD18 US for
week (.) one OLIVER dozer US for week (.) tipper serviceability three
US for week (.) KUAMUT (.) access road 95 percent (.) camp building
75 percent (.) secondary clearing 5 percent (.) SITREPS (.) do you
require additional info beyond that specified in CRE tech instr No 4
to this unit for your weekly sitrep

Page.....of.....pages		REFERS TO MESSAGE CLASSIFIED <input type="checkbox"/> YES <input type="checkbox"/> NO		DRAFTER'S NAME WERTHEIMER		OFFICE		TEL No			
FOR OPS USE	R	DATE	TIME	SYSTEM	OPERATOR	D	DATE	TIME	SYSTEM	OPERATOR	RELEASING OFFICER'S SIGNATURE AND RANK

Annex "E"

1

MESSAGE FORM

Nº 2

NUMBER _____

FOR COMM CEN/SIGNALS USE _____

PRECEDENCE — ACTION PRIORITY	PRECEDENCE — INFO DEFERRED	DATE — TIME GROUP 060755Z	MESSAGE INSTRUCTIONS
From 7 Fd Sqn RAE			PREFIX GR
To COMLANDBOR			SECURITY CLASSIFICATION UNCLAS
			ORIGINATOR'S NUMBER G2

Info

engr plant sitrep at KUAMUT all plant has arrived at KUAMUT (.)
local hire plant problems at present (.) letter follows

Page.....of.....pages		REFERS TO MESSAGE CLASSIFIED <input type="checkbox"/> YES <input type="checkbox"/> NO		DRAFTER'S NAME WERTHEIMER		OFFICE		TEL No			
FOR OPS USE	R	DATE	TIME	SYSTEM	OPERATOR	D	DATE	TIME	SYSTEM	OPERATOR	RELEASING OFFICER'S SIGNATURE AND RANK

2

MESSAGE FORM

No 3

NUMBER

FOR COMM CEN/SIGNALS USE

PRECEDENCE — ACTION R	PRECEDENCE — INFO DEFERRED	DATE — TIME GROUP	MESSAGE INSTRUCTIONS
From 7 (Aust) Fd Sqn RAE			PREFIX GR
To COMLANDBOR			SECURITY CLASSIFICATION UNCLAS
Info			ORIGINATOR'S NUMBER

enr SITREP (.) to 11 Jul (.) KENINGAU area (.) camp road const
80 percent (.) PWD water line 70 percent (.) road to PEGALAN
river complete (.) access road to river gravel pit across PEGALAN
river complete (.) light tactical raft operating on PEGALAN river (.)
plans for DOROG river bridge cancelled (.) compass and abney level
travers from PEGALAN river to mile five complete (.) no survey
information available from PWD past mile five (.) brit survey troop
assisting with astro fix at mile twelve (.) rain every evening (.)
proposed to establish forward plant and tipper harbour about mile
four by 15 jul with initially about twenty personnel plant and
vehicles across the PEGALAN river at harbour will be two dozers cmm
one grader cmm six tippers (.) compass and abney level traverse will
continue next week (.) plant serviceability cmm one dozer US
for week (.) vehicle serviceability cmm one transporter US for one
week cmm one tipper US for one week (.) KUAMUT (.) all men cmm
machines and tools at KUAMUT (.) rain each afternoon (.) building 85
percent (.) clearing of strip cmm primary 45 percent cmm secondary 30
percent (.) end clearing 40 percent

Page.....of.....pages		REFERS TO MESSAGE CLASSIFIED <input type="checkbox"/> YES <input type="checkbox"/> NO		DRAFTER'S NAME WERTHEIMER		OFFICE		TEL No			
FOR OPS USE	R	DATE	TIME	SYSTEM	OPERATOR	D	DATE	TIME	SYSTEM	OPERATOR	RELEASING OFFICER'S SIGNATURE AND RANK

3

MESSAGE FORM

NUMBER _____

FOR COMM CEN/SIGNALS USE _____

PRECEDENCE — ACTION ROUTINE	PRECEDENCE — INFO DEFERRED	DATE — TIME GROUP 192300Z	MESSAGE INSTRUCTIONS
From 7 Aust Fd Sqn RAE			PREFIX GR
To COMLANDBOR			SECURITY CLASSIFICATION UNCLAS
			ORIGINATOR'S NUMBER G1

Info

enr sitrep to 18 jul (.) KENINGAU area (.) camp const
complete (.) PWD water line 90 percent (.) compass and abney
level traverse to mile 12 complete (.) move of twenty personnel
to plant harbour at mile five complete (.) plant at harbour
as follows cmm one grader cmm three dozers cmm three scrapers
cmm one oliver FEL cmm one dragline cmm one michigan cmm six
tappers (.) essential road improvement to mile seven proceeding (.)
rain two days (.) helicopter survey on 18 jul cmm unfortunately
bad weather stopped movement towards SOOK past mile 20 (.)
thick jungle as far as mile 20 (.) plant serviceability
cmm two dozers US cmm one michigan US (.) vehicle serviceability
cmm one tipper US cmm two transporters US (.) proposed to
conduct ground survey at mile 18 starting 20 jul (.) gravel
at mile five of some value (.) visitors cmm press 13 jul cmm
assistant director (roads) PWD on 16 jul cmm press 18 jul (.)
KUAMUT area (.) clearing and earthworks in progress (.) heavy
rain two days (.) one oliver US (.) night work proceeding
with TD18 dozer

Page.....of.....pages		REFERS TO MESSAGE CLASSIFIED <input type="checkbox"/> YES <input type="checkbox"/> NO		DRAFTER'S NAME E J WERTHEIMER Capt		OFFICE		TEL No			
FOR OPS USE	R	DATE	TIME	SYSTEM	OPERATOR	D	DATE	TIME	SYSTEM	OPERATOR	RELEASING OFFICER'S SIGNATURE AND RANK

MESSAGE FORM

NO 5

NUMBER

FOR COMM CEN/SIGNALS USE

PRECEDENCE — ACTION ROUTINE	PRECEDENCE — INFO DEFERRED	DATE — TIME GROUP 23 0305Z	MESSAGE INSTRUCTIONS
From 7 (AUST) FD SQN RAE			PREFIX GR
To COMLAND BOR			SECURITY CLASSIFICATION UNCLAS
Info AUST ARM SINGAPORE			ORIGINATOR'S NUMBER G 1

Engr sitrep week to 25 Jul (.) KENINGAU Area (.)
PWD water line 90 percent (.) Plant increase at mile
five camp cmm one grader cmm one dozer cmm two
tippers (.) Two dozers now operating at chainage 60,000
feet (.) Surfacing complete to 20,000 feet (.) Preliminary
survey to SOOK completed on 20 Jul (.) Rain on four
days (.) Weekly Raft return crossings cmm 298 (.) Plant
serviceability cmm one TD18 US cmm one Michigan FEL
US (.) Works vistors cmm Holdfast BRUNEI cmm Director
(.) KUAMUT Area (.) Clearing and earthworks in
progress (.)

Page.....Of.....pages		REFERS TO MESSAGE CLASSIFIED <input type="checkbox"/> YES <input type="checkbox"/> NO		DRAFTER'S NAME WERTHEIMER		OFFICE		TEL No				
FOR OPS USE	R	DATE	TIME	SYSTEM	OPERATOR	D	DATE	TIME	SYSTEM	OPERATOR	RELEASING OFFICER'S SIGNATURE AND RANK WERTHEIMER Capt	

5

UNIT: 1 Indep Field Sqn Wksp RAEME att 7 Field Sqn RAE

WEEKLY SITREP

FOR WEEK ENDING...25. July. 64.....

1. WORK ANALYSIS

Type of Equipment	Jobs in Hand		Jobs not in Hand		Jobs Complete	Equipment Condemned	
	Wksp	Local Contract	A/W Spares	A/W Labour or Call In		BER	BLR
A VEHICLES							
B VEHICLES	2	2	2		19		
C VEHICLES & PLANT	2		4		18		
RELS. EQUIP G Engineering	12		5		10		
INSTRUMENTS							
SMALL ARMS & MACHINE GUNS					3		
OUTBOARD MOTORS					1		
MISC INCL PUMPS & CHARGING ENGINES			2		3		
TOTALS	16	2	3		54		

2. DETAILS OF ANY JOBS OUTSTANDING FOR THREE OR MORE WEEKS:

Eqpt	Regd No	Date entered Wksp	Reason for delay	EDC EDC if known
2½ Ton dump	116410	24/6	Awaiting parts	
3/4 ton L/R	111905	"	" "	
20 Ton T/port	162150	"	" "	
Eng Assy		29/6	" "	

/3. PERSONNEL

3. PERSONNEL Give details of any deficiencies in personnel including Trade, Rank and EDA of any known replacements.

Capt R DRAPER left this location Sun 26 for visit to KUAMUT Det. Should return by 30 July.

Sgt COOK admitted hosp 23 Jul Veh Mech

Cfn JONES B J admitted hosp 26 Jul F 7 Turner.

4. ADDITIONAL REMARKS (to include mention of any interesting sporting or social activities).

Date 25 July 64.....

Signed: *Att. Draper*.....
OC 1 Indep Field Sqn WKSP RAEME

File: **7 FIELD SQUADRON
ROYAL AUSTRALIAN ENGINEERS**

ANNEX G
7th Field Squadron RAE
Post Office
KENINGAU, SABAH, MALAYSIA
4 Aug 64

PRELIMINARY GROUND RECONNAISSANCE OF THE
KENINGAU - SOOK ROAD ON 20 JUL 64

RECCE PARTY

1. (a) Wks Offr, Asst Wks Offr, Clerk Wks Const, and surveyor.
(b) PWD asst Engr and PWD Surveyor.

ROUTE

2. The bridle path was followed for the recce.

TIMINGS

3. The party departed from the PEGALAN RIVER at 0700 hrs and returned to this river at 1830 hrs.

DESCRIPTION OF ROUTE

4. (a) The bridle path to mile 7½ has been improved to about class 9. The squadron improved this section to allow access to the road head by army const vehs.
(b) The bridle path from mile 7½ to mile 14½ is by - passed by the new road to SOOK. The bridle path follows the SOOK River. It is poorly aligned, narrow and unsurfaced.
(c) From mile 14½ to mile 19 the path generally follows the high ground. Apart from about 3 sections, where the track follows a contour in and out of a narrow re-entrant, the alignment is fair. The bad sections could be realigned satisfactorily. The vegetation is primary jungle similar to that between mile 12 and 14, which is along the new by pass. The creek at mile 15 is similar to the creek at mile 5½. This creek and its environs would be suitable for a forward construction camp.
(d) Mile 19 to mile 23, in the main, follows a creek. The vegetation is primary jungle, although it is much wetter than mile 15 to 19. This section includes areas of grass land, about 2 - 3000 feet in length. Although the path follows the creek there is NO requirement for bridging.
(e) Mile 23 to mile 28 (SOOK). The bridle path crosses undulating grassland. The drainage over this section should be easier than a: mile 6 to 7.

WORKS ESTIMATE:

5. (a) Clearance of jungle from mile 14½ to mile 19 should proceed about 1 mile per week. There will be a requirement for culvert, because it is mostly side hill cut. NO gravel deposits are known from mile 6 to SOOK, although, if the formation is along the ridge line and the timber is cleared to say 200 feet, then the road should remain passable until it is surfaced. The construction time estimate is 1½ months.

- (b) Road construction rate from mile 19 to mile 23 will be at a rate less than (a) above. It will be possible, and perhaps practical, to concurrently work along this section and dependent on the number of serviceable dozers, to work from mile 23 towards SOOK. The rate should be about $\frac{1}{2}$ mile per week - estimate 2 months to complete earthworks for this section.
- (c) Mile 23 to 28. This section is mostly grassland. The road may be formed quickly by the dozer although there are some very wet sections, which will limit the use of plant and require more handwork. The creek about mile 25 is similar to the creek at mile 5 $\frac{1}{2}$. A culvert will be satisfactory. Section construction time estimate is 1 month.
- (d) The SOOK River at mile 28 will probably require a bridge. Further detail will be included in the detailed reconnaissance report.
- (e) The total construction time mile 14 $\frac{1}{2}$ to mile 28 is estimated at 4 $\frac{1}{2}$ months.
- (f) The squadron has about 4 months work time. Some allowance should be made for bad weather - about 1 month.

CONCLUSIONS

- 6.
 - (a) The hand clearing should proceed as fast as possible.
 - (b) TD18 availability is most important.
 - (c) Dry weather would assist the squadron.

E. Wertheimer

Works Officer 7th Field Squadron RAE

Capt

7 FIELD SQUADRON
ROYAL AUSTRALIAN ENGINEERS

CENTRAL BDE ADMINISTRATIVE INSTRUCTION NO 17

HEALTH AND HYGIENE

1. Health of troops and hygiene within units is the responsibility of Commanding Officers and Officers Commanding sub-units. The ADMS and DADAH HQ Land Forces Borneo are available to advise on all matters of health and hygiene either direct or through unit medical officers. They should also be consulted on the health aspects of works services. A Hygiene Assistant RAMC is attached to the Medical Stores, Admin Complex and is available to give advice on matters of unit hygiene on request.
2. All personnel proceeding to the Borneo Territories are to be protected against cholera and smallpox and are to be in possession of valid international certificates for cholera and smallpox. TAB vaccinations and protection against tetanus should be kept up to date in accordance with current medical instructions.
3. Unacclimatised personnel should avoid excessive physical exertion on arrival, as far as possible. The extent of exertion can be increased gradually each day.
4. Adequate disposal of excreta, refuse and sullage is essential to ensure that there is no fly breeding. Disinfectants are not to be used in toilets; they interfere with natural decomposition of sewage in septic tanks and Otway pits.
5. Use of DDT insecticide residual sprays is recommended, particularly in cookhouses and dining halls. Spraying should be carried out once a month.
6. Drinking water must be adequate to balance sweat loss. This may be in the order of up to 2 gallons a day, or more where strenuous exercise is undertaken. Salt tablets are to be used where necessary. Alcohol should not be consumed during the heat of the day.
7. Water supplied by civil authorities with a proper water works can be regarded as safe providing it has been checked by the medical officer in consultation with the civil medical authorities. All other water must be purified:
 - a. By filtration using the Millbank bag or mechanical filtering apparatus (after sedimentation if necessary).
 - b. By sterilisation. In the water bottle this is best carried out using 2 white tablets from the individual sterilising outfits. For larger quantities of water, water sterilising powder (WSP) is to be used.
8. Ice used for cooling food and drink (including ice in drinks) must come from a source of water which has been purified.
9. Food is to be stored in flyproof containers or larders.
10. All fruit and vegetables, for eating **raw**, are to be washed in pure water and then soaked for 30 minutes in a solution of WSP (one scoop, as found in the tins of WSP, to a gallon of water). After soaking, 2 taste remover tablets may be added to the water. Then wash the items in pure and, preferably, running water.

/Food

11. Food and drink are not to be purchased from local hawkers unless checked by medical officers and local meals should not be eaten in kampongs, if this can be avoided without offending the host.
12. Seafoods must be cooked before consumption, particularly crabs and prawns.
13. Foodhandlers must always wash their hands and scrub their nails after visiting the toilet.
14. Fresh milk is not to be consumed.
15. Ice cream is only to be obtained from an approved source. Magnolia and Walls wrapped ice creams are the only approved sources.
16. All personnel suffering from vomiting or diarrhoea are to report sick without delay.
17. Septic skin conditions are frequent because of high humidity and, in some instances, inadequate washing facilities. Frequent showers should be taken, but the use of too much soap should be avoided as it leads to prickly heat. Socks and underclothes should be changed daily if possible and washed thoroughly. Foot and body powder should be used regularly after washing. Abrasions of the skin should be cleaned with sterilised water and treated with a mild antiseptic (acriflavine) and kept as dry as is possible.
18. Additional precautions against specific diseases are given in the attached annexes as follows:

- Annex A - Cholera
- Annex B - Malaria
- Annex C - Scrub Typhus
- Annex D - Leptospirosis

19. Intestinal worms are common amongst the local population, particularly hookworm. The disease is spread in areas where sanitary arrangements are poor and the ground thus becomes contaminated with nightsoil. Prevention of infestation is by ensuring that:

- a. Earth sanitary closets are adequately constructed. Deep trench latrines or bore hold latrines are the best.
- b. Boots or shoes are worn when visiting earth sanitary closets. "Flip-flops" are not adequate to prevent hookworm infestation.

ANTI CHOLERA PRECAUTIONS

1. If Brunei, Sabah or Sarawak is declared a "Cholera Alert Area" (which means that a case of suspected cholera has been reported) the following measures are to be taken.

- a. Water from sources other than the Services and civil water works is to be boiled. Under certain circumstances, notified by services medical authorities, all water may be required to be boiled.
- b. Personnel are only to purchase food and drink in authorised "Recommended for Service Personnel" cafes and restaurants. The decision as to which cafes and restaurants are "Recommended" lies with the DADAH HQ Land Forces Borneo in conjunction with the local medical authorities.
- c. Measures for disposal of excreta, refuse and sullage water are to be reviewed to ensure that there is no fly breeding.
- d. Supplies of WSP, slaked lime and water purification plant are to be checked in anticipation of increased demands or assistance to the civil authorities.

2. If any town in Brunei, Sabah or Sarawak is declared a "Cholera Infected Local Area", the following measures additional to those in paragraph 1 above are to be taken:

- a. Water from all sources other than the Service sources is to be boiled.
- b. Sea bathing is to be discontinued.
- c. Civilian swimming baths will be "Out of Bounds" unless stated to be safe by the Services Medical Authorities.
- d. Ice cream is not to be eaten.
- e. Mineral water is only to be purchased from the NAAFI or from sources declared safe by the Services Medical Authorities.
- f. Flies are to be killed by all available means.

3. The local medical authorities are responsible for informing the Services Medical Authorities as soon as any cholera warning is announced.

ANNEX B TO CENTRAL BDE
ADMIN INSTR NO 17

ANTI MALARIAL PRECAUTIONS

General

1. Benign and Malignant Malaria occur throughout the Borneo Territories. The following precautions are to be taken by all ranks.

Responsibilities of RMOs

2. Unit RMOs are to:
 - a. Advise the CO and instruct all ranks in malaria prevention.
 - b. Be responsible for inspecting anti-mosquito and anti-malaria precautions carried out by the unit and advising the CO accordingly.
 - c. Inform the ADHS HQ Land Forces Borneo by signal in the event of fever/pyrexia of unknown origin.

Camps and Bivouacs

3. These should be sited if possible at least half a mile from Native kampongs and obvious breeding grounds. If possible, the advice of the RMO should be sought when siting a camp.

Sources of Infection

4. Except when on duty troops are to avoid visiting, between dusk and dawn, towns, villages, kampongs, etc. which have not been given clearance by the RMO.

Mosquito Destruction

5. Whenever possible a team under the charge of an NCO is to spray accommodation at dusk. Doors, windows, tent flaps, etc. are to be closed for ten minutes after spraying to increase the effectiveness of the insecticide.

Mosquito Nets

6. Nets are to be used at the discretion of the senior rank present and always in areas where mosquitos are prolific. Nets should be erected before dark. The pockets in the valances are to be weighted down to ensure that the net is not dislodged at night. At least six inches of the valance is to be left above the surface of the ground.

7. Nets should be inspected regularly once a week, to ensure that they are in good repair. Repairs should be effected without delay.

Clothing

8. From 1900 to 1630 hours, in malarial areas, all personnel are to wear long sleeved shirt and long trousers. Sleeves are to be buttoned at the cuff. In outlying locations, ambushes and on patrols, some form of neck protection is to be worn and trousers are always to be tucked into socks or jungle boots.

/Insect

ROYAL AUSTRALIAN ENGINEERS
7 FIELD COMPANY

Insect Repellent

9. Each man is to be issued with a 2 ozs container of insect repellent and maximum use is to be made of it. It should be applied to hands, face, neck and ears at dusk and at three-hourly intervals thereafter whilst outside the protection of a mosquito net. Men should be advised to apply the repellent hourly if they are engaged on strenuous work and sweat profusely.

Paludrine

10. Each man is to carry a seven days supply of paludrine in a cellophane strip if on operations in the jungle.

11. All ranks are to take one tablet daily at a fixed time which is to be published.

12. The procedure for the taking of tablets is the responsibility of units.

13. All ranks are to continue to take one tablet per day for fourteen days after leaving the Borneo Territories or for the whole period they are out of a malarial area if they know they are to return to such an area.

ANNEX C TO CENTRAL BDE
ADMIN INSTR NO 17

ANTI SCRUB TYPHUS PRECAUTIONS

1. Areas of incidence are particularly those which have been cleared of trees and have been cultivated in the past but which have since become overgrown with grass, etc. and may now be frequented by rodents. These areas may be quite local and circumscribed. They are to be avoided whenever possible by passing around them through the surrounding trees.
2. Troops having to work in such areas must wear long trousers with the bottoms secured by socks, puttees or jungle boots. Troops must neither sleep nor rest in direct contact with the ground. Greatest danger is when troops are resting, changing or washing.
3. Miticide (DPP) is to be applied to all garments before entering jungle, scrub or any other sort of area mentioned in Paragraph 1 above, and again after the garment has received its third wash.
4. All surfaces of clothing should be treated, particularly seams, button holes and darned patches. Garments with pockets must be turned inside out before application.
5. Bedding and ground sheets should also be treated.
6. As a guide, one fluid ounce of miticide is sufficient for shirt, trousers, socks and jungle boots.
7. Insect repellent (DMP) can be used in place of DPP but as it washes out easily, it must be re-applied when the clothes are dried.

ANTI LEPTOSPIROSIS PRECAUTIONS

1. This is primarily a disease of jungle rats which contaminate the ground by passing urine which is washed into water courses. Once in water the germs survive for an unknown period and enter the human body either in drinking water or through the unbroken skin.
2. While the incidence of leptospirosis is low, the disease is serious and can be difficult to treat. The only reliable protective measures are the prohibition of all bathing and the sterilisation of all drinking and washing water. To make this an order would entail hardship under jungle operational conditions. Local commanders must decide what degree of risk they are prepared to accept.
3. Guiding principles are:
 - a. Running water may be less dangerous than stagnant water.
 - b. Large streams are less dangerous than small ones since it is possible to get further from the banks from which the infecting germs enter the water.
 - c. Rivers in immediate flood after prolonged drought may be more dangerous to bathe in until the dilution factor sets in. Bathing is not allowed in rivers in flood until 24 hours have elapsed beginning from the time that flooding recedes.
 - d. Streams with marshy areas along the banks are dangerous as swamps are the favourite haunts of rats.
 - e. Bathing should be prohibited when the streams are rising, as the water is then covering contaminated foreshores.
 - f. Sterilised water should be used for cleaning teeth and shaving.
 - g. Ranks with sores and abrasions of the skin may be at a greater risk.

**7 FIELD SQUADRON
ROYAL AUSTRALIAN ENGINEERS**

"J" No 2

CENTRAL BRIGADE ADMINISTRATIVE INSTRUCTION No

MAINTENANCE OF 7 FIELD SQN GP RAE IN SABAH

PART I - INTRODUCTION

General

1. HQ Central Bde is responsible for the administration of the Fd Sqn Gp RAE while they are employed in SABAH. The current UK system of maintenance will apply wherever possible.
2. The CRE Borneo is responsible for the technical supervision of tasks being undertaken by the Fd Sqn, and will issue Engr Technical Instructions as required.
3. Matters of personnel administration peculiar to the Australian Army will be in accordance with instructions issued direct to the unit by the Commander Aust Army Force FARELF.

Aim

4. To detail the system of maintenance and accounting procedures to be employed whilst this unit is administered by HQ Central Bde.

Composition of 7 Fd Sqn Gp

5. a. The Gp consists of

	Offrs	OR
7 Fd Sqn less one tp	5	116
7 Fd Sqn Sig det	-	4
7 Fd Sqn increment	2 <i>- Peters</i>	10 <i>- RAASC Cpl</i>
20 Fd Pk Sqn det	2	36
1 Indep Fd Sqn Wksp	1	20
Total	10	186

- b. (1) In addition to the above, the following Australian staff will be attached to HQ Central Bde to assist in providing full administrative backing for the Gp.

Officer - 1 *(LO from HQ Cen Bde)*
Warrant Officer - 1
Ssgt - 1
Sgts - 2 *(RASC rep for vols)*
Cpl - 1

2(a)

/...2

- (2) Deployment of these additional personnel will be initially in the following areas but may be adjusted to unit Central Bde administrative requirements.
- (a) HQ Central Bde
Officer - (Staff Captain)
Sgt (RAASC) - S & T duties and as required in
JESSELTON and SANDAKAN.
Cpl (RAASC) - Clerk to Staff Captain.
- (b) 97 OFP
Sgt RAAOC - Ord duties
- (c) JESSELTON
Warrant Officer (Movements) - duties as directed by HQ
KENT Central Bde.
- (d) SANDAKAN
Ssgt (Movements) - duties as directed by HQ Central
Bde. *Nov & LP.*
- (3) Until these personnel are provided from AUSTRALIA, HQ Aust Army Force FARELF will arrange for the staff in (b) (c) and (d) to be made available from Australian personnel in FARELF.

Engr Tasks

6. a. The tasks being undertaken by the Gp are:-
- (1) Priority 1 - Construction of SRT (TEP) Airstrip at KUAMUT (7247).
- (2) Priority 2 - Construction of road KENINGAU (5849) - SAPULOT (6142).
- b. Construction standards will be in accordance with CRE Technical Instructions.

PART II

PERSONNEL ADMINISTRATION

Orders and Instructions

7. (a) Current HQ FARELF, HQ LAND FORCES BORNEO and HQ CENTRAL BDE orders/instructions will apply to the Gp.

/...3

- (b) On matters of purely Australian administration MBIs and AROs, provided through HQ Aust Army Force FARELF, will apply.

Reinforcements

8. Reinforcements from AUSTRALIA will come to SINGAPORE, be outfitted and then flown by civil air line to JESSELTON (and KENINGAU) or to SANDAKAN as appropriate. Reinforcement demands as required will be forwarded to HQ Australian Army Force FARELF direct by OC 7 Field Sqn RAE, copy to HQ Central Bde.

Leave

9. a. Rest and Recuperation

The FARELF policy does not apply to the Gp.

- b. Local Leave

In accordance with HQ Central Bde policy.

- c. Compassionate Leave

HQ Aust Army Force FARELF will advise Gp direct, copy to HQ

Central Bde of approved compassionate leave cases. Applications from the Gp will be sent direct to HQ Aust Army Force FARELF.

Service

10. Until the Governor General of AUSTRALIA declares SABAH, BRUNEI and SARAWAK as areas for "dejure" active service, 7 Field Sqn Gp RAE will be on war service. Confirmation will follow.

Discipline

11. Power of OC 7 Fd Sqn Gp

OC 7 Field Sqn RAE is a Commanding Officer for the purpose of discipline under Australian Military Law and has the powers of punishment contained in Army Act 1881 Sect 46 and AMR & O 418.

12. Courts Martial

- a. A warrant to convene and confirm Australian Courts Martial has been sought from the Governor General of AUSTRALIA in favour of Commander Central Bde. This officer will normally be responsible for convening any court martial of a member of 7 Field Sqn Gp RAE which may become necessary. Commander Central Bde will also

/...4

be responsible for confirming the findings and sentence of these courts except for findings and sentences of death, cashiering, dismissal from Her Majesty's service, discharge with ignominy from Her Majesty's service or discharge from the Defence Force of the Commonwealth of AUSTRALIA. Confirmation will be notified.

- b. Courts martial will be convened, conducted and confirmed according to Australian Military Law and after action has been completed by Commander Central Bde the proceedings will be forwarded to Army Headquarters CANBERRA through HQ Australian Army Force FARELF.

13. Summary Disposal of Charges

Against Officers and Warrant Officers. Commander Central Bde will be appointed to command a combined force under Section 25 of the Defence (Visiting Forces) Act 1963 and will have jurisdiction to deal with offences committed by Australian Officers and Warrant Officers. The hearing and any punishment imposed will be in accordance with Australian Military Law. Confirmation will be notified.

14. Civil Jurisdiction

- a. Australian troops in the Borneo States of MALAYSIA committing offences against the civil law are subject to the jurisdiction of the civil courts.
- b. Australian troops arrested by the civil police will be handed over to the appropriate Army authorities pending trial.

15. Arrest

RMP personnel have been empowered to arrest Australian Military Force members in FARELF. Other United Kingdom Provost personnel have no power to arrest Australians though mutual powers of command exist between United Kingdom and Australian personnel according to rank. An Australian soldier may therefore be ordered into arrest by a United Kingdom officer or NCO of appropriate rank and vice versa.

16. Malaysian Forces Powers of Command

No mutual powers of command exist between Australian and Malaysian personnel but Australians will be expected to extend normal military courtesies and to comply with the reasonable requests of Malaysian personnel

/...5

**7 FIELD SQUADRON
ROYAL AUSTRALIAN ENGINEERS**

- 5 -

according to rank in appropriate circumstances.

Medical

17. a. Normal Casualty Procedure

See HQ Central Bde Adm Instruction No 6.

- b. Bills raised by civilian hospitals at KENINGAU, JESSELTON and SANDAKAN and supported by AF P1922 endorsed CHARGE TO AUST ARMY FUNDS will be passed to Staff Paymaster Central Bde for payment.

18. Casevac

See HQ Central Bde Adm Instruction No 6.

19. Deaths

Action will be taken in accordance with Australian MBIs (copy held at HQ Central Bde).

20. Burials

Burials will normally be effected at the Singapore Military Cemetery. Evacuation to SINGAPORE will be effected from LABUAN in accordance with arrangements made by HQ Central Bde. The provision of headstones will be arranged by HQ Australian Army Force FARELF.

Chaplains

21. HQ Australian Army Force will arrange roster of Australian Chaplains to conduct services for 7 Field Sqn RAE through HQ Central Bde.

Civil Aid

22. a. 7 Fd Sqn RAE will participate in the HQ British Forces Borneo civil aid programme called "Hearts and Minds".
b. 7 Field Sqn RAE will be advised by HQ Australian Army Force FARELF as to whether a special Australian civil aid programme is required.

Entertainment

23. a. The normal facilities will be available to the Gp.
b. An amenities grant of £A296 has been made through Australian channels to the OC Gp. This will be accounted for in accordance with existing Australian procedures.

24. Library Books

Boxes of books will be forwarded to 7 Field Sqn RAE under arrangements made by HQ Australian Army Force FARELF.

/...6

25. Newspapers and Magazines

Newspapers and magazines will be provided under HQ Australian Army Force FARELF arrangements on a repayment basis from unit funds.

26. AKC Films

AKC films are to be provided under HQ Central Bde arrangements.

Routine Orders

27. Two copies of the following are to be promulgated to 7 Field Sqn RAE:

- a. HQ British Forces Borneo Routine Orders.
- b. HQ Central Bde Routine Orders.

28. Two copies of 7 Field Sqn RAE Routine Orders are to be forwarded to HQ Central Bde and HQ Australian Army Force FARELF.

Pay and Allowances

29. a. OC 7 Field Sqn RAE is to be responsible for the payment of pay and allowances to officers and soldiers in accordance with Australian Army procedures.
- b. Paymaster Australian Army Force FARELF is to be responsible for the transmission of funds to the Hong Kong and Shanghai Bank at JESSELTON and SANDAKAN to meet requisitions submitted by OC 7 Field Sqn RAE.
- c. All personnel will be granted appropriate Malayan Allowances from the date of arrival in MALAYSIA.
- d. Australian Field Cash Office FARELF will provide a pay clerk for temporary duty on the arrival of 7 Field Sqn RAE Main Body to assist in entering appropriate Malayan allowances in pay records and effect currency exchange as required.
- e. Personal claims for travelling allowances, etc., as given in FAI No 451, will be processed by HQ Australian Army Force. This system may be subject to review.

Claims

30. All claims arising from accidents or damage to civilian property will be processed in accordance with HQ Central Bde instructions.

/...PART III

PART III

'Q' ADMINISTRATION

Payment of Bills

31. Staff Paymaster HQ Central Bde will not pay bills in connection with the provision of materials stores and local civilian labour required by the Gp outside of their normal unit maintenance, to undertake the tasks listed in paragraph 6 above. The provision of these requirements will be by the SABAH PWD direct to the Gp.
32. All bills will be supported by AF P1922 clearly endorsed "CHARGE TO AUST ARMY FUNDS" and "TOP HAT" in red at top of the form. The form is to be signed on the front by the contractor/tradesman concerned and the certificate on the reverse by the officer authorised to sign. The names and three specimen signatures of the officers of the Gp nominated to carry out these duties will be forwarded to the Staff Paymaster HQ Central Bde with a copy to Paymaster Aust Army Force FARELF.
33. Authenticating officers are responsible for the arithmetical accuracy of the bill and for checking that the articles have been delivered or that the services stated to have been performed and that the prices listed are correct.

Contracts

34. One copy of all contracts raised on behalf of the Gp will be passed to Staff Paymaster HQ Central Bde and Paymaster Aust Army Force FARELF.

Method of Maintenance

35. The normal method of maintenance will be:
- a. KENINGAU Detachment
 - (1) By sea to JESSELTON or local provision JESSELTON.
 - (2) Rail JESSELTON - TENOM.
 - (3) Road TENOM - KENINGAU (~~by unit transport~~). *rats to be picked up*
 - b. KUAMUT Detachment
 - (1) By sea to SANDAKAN or local provision SANDAKAN.
 - (2) By river transport (civil agency) to KUAMUT.
36. A service ship leaves LABUAN on Tuesdays and arrives JESSELTON on Wednesdays and SANDAKAN on Fridays.

/...8

37. Movement of stores from JESSELTON and SANDAKAN to unit locations will be arranged by the HQ Central Bde representative at these centres.

Ordinance Stores

excl ammo, con stores, CES

38. All indents for stores, clothing, equipment and spares, will be forwarded to DADOS HQ Central Bde and approved for action in accordance with DOS (FE) Admin Instruction No 38. *Instn for LD in BORNEO will be handled by DOS CON BDE*

39. Indents

- a. Indents will be submitted on appropriate British Army forms and will show the address for stores as in paragraph 50 above. All indents will be endorsed "Charge to Aust Army Funds" and "TOP HAT".
- b. Indents for clothing and equipment will be submitted monthly in advance to reach DADOS HQ Central Bde on the first of each month commencing 1st July 1964.

40. Red Star Demands

- a. Requests for Red Star issues will be made to DADOS HQ Central Bde by signal giving full details and justification. Such signals will commence "Red Star" and will be subsequently confirmed by indent as in paragraph 39 above and marked "Confirms Red Star request..."
- b. Kuamut Detachment will request Red Star action through HQ 7 Field Sqn RAE who will raise the confirmatory indent.
- c. Red Star issues may be delivered by air on the authority of HQ Central Bde.

Laundry, Tailoring and Boot Repairs Contract

41.
 - a. DADOS HQ Central Bde will arrange contracts as required by Gp.
 - b. Subject to approval by HQ Aust Army Force these contracts may be cancelled and contract local labour used to meet this requirement.

Industrial gases

42. Messrs Harrison and Crossfield Ltd., are to supply industrial gases on an "as required" basis against bids made by the unit. Monthly bills will be submitted, through 7 Field Sqn RAE for certification, to DADOS HQ Central Bde supported by AF P1922 endorsed as in paragraph 32 above.

/...9

Stationery

43. See DOS(FE) Admin Instruction No 38.

Subsequent dealings thru CEN Bde

Ammunition and Explosives

44. a. First line ammunition has been brought with the unit from AUSTRALIA. Subsequent replacement will be through DADOS HQ Central Bde.
- b. Initial requirements of explosives have been positioned at KUAMUT. Subsequent issues will be made on demand through DADOS HQ Central Bde.

Supplies

45. General

Details are given in Annex 'A'.

46. POL

Details are shown in Annex 'A'.

47. Expenses Supplies Misc and Dis

Details are shown in Annex 'A'.

48. Unit Accounting

The Gp will account for all stores listed in paragraphs 45 to 47 in accordance with Australian procedures.

49. Basis of Issue

When supplies are delivered by means of air drop the charges to be raised will be based on the quantities issued and not the quantities received.

50. Losses of air dropping equipment

Losses and damage to airdropping equipment in respect of stores delivered by this method will be charged for. HQ Central Bde will raise the necessary vouchers which will be passed direct to the Paymaster Aust Army Staff FARELF.

Movement

51. a. All movement within SABAH by members of the Gp will normally be arranged by the OC ^{Gp}. A book of travel warrants has been issued to the Gp to cover both rail and air movement.

b.

/...10

- b. To provide civilian river craft when required ^{in excess of} ~~above~~ the unit equipment for the movement of stores and/or personnel to KUAMUT, HQ Central Bde will arrange ^{on behalf of HQ Aust Army} at SANDAKAN an appropriate contract. Bills, supported by AF P1922 will be passed to Staff Paymaster HQ Central Bde for payment.
- c. Movement of stores and personnel between JESSELTON and KENINGAU will be arranged by the HQ Central Bde representative at JESSELTON. Paymaster Aust Army Staff FARELF will issue the representative with a book of warrants to cover rail and air movement.

EME

52. General

Where possible all repairs will be carried out by 1 Indep Fd Sqn Wksp in sqn locations. Where the repair is beyond the capacity of Wksp, request for assistance will be submitted to BEME HQ Central Bde.

53. Repairs by local agencies

- a. BEME HQ Central Bde will arrange contracts with the following agencies for repair beyond the capacity of the Wksp.
- (1) Plant and vehicles - PWD and local agents in JESSELTON and SANDAKAN.
 - (2) Survey Instruments - Lands and Survey JESSELTON.
 - (3) Outboard motors - local agents in SANDAKAN/JESSELTON
- b. OC Wksps may authorise local repairs up to a maximum of \$200 per repair. Repairs in excess of this amount may be authorised by BEME HQ Central Bde.
- c. Bills for local repairs should be forward by the unit, together with AF P1922, to BEME HQ Central Bde for authorisation and passing to Staff Paymaster HQ Central Bde for payment.

54. Repairs of Weapons and Radio Sets

- a. When repairs of weapons are beyond the capacity of the Wksp, bids will be submitted to BEME HQ Central Bde.
- b. Radio sets will be evacuated to 69 Station Wksp REME BRUNEI.

/...11

NAFFI Supplies

55. General

All troops must be warned that NAFFI duty-free goods must not be used as gifts or in payment of services. Such action may result in the withdrawal of duty-free privileges for the squadron. HQ Central Bde representative at SANDAKAN and JESSELTON are empowered to sign customs declarations as required.

56. Indenting

All indents for NAFFI supplies will be passed through HQ 7 Field Sqn RAE who will despatch the written indents by post to NAFFI BIS, LABUAN.

57. Delivery

Delivery will be by sea to JESSELTON and SANDAKAN and then by rail to KENINGAU and by river to KUAMUT. From the time of posting the order, delivery may take up to 2 weeks to reach KENINGAU and 4 weeks to reach KUAMUT.

58. Payment

Accounts will be forwarded to OC 7 Field Sqn RAE monthly for settlement.

Accommodation

59. Base Camp

The provision of the Gp base camps at KENINGAU and KUAMUT will be made by PWD. This will be limited to cooking, messing, office stores and wksp accommodation.

60. Working Camps

These will be based on temporary scale accommodation. OC Gp will submit demands for quantities required to HQ Central Bde giving maximum warning of when delivery is required.

61. Fuel (Wood)

- a. OIC Bks LABUAN will arrange a contract for delivery of wood to the Gp in accordance with FARELF scales.
- b. Billing action will be carried out direct by OIC Bks LABUAN to HQ Aust Army Force FARELF after certification by unit.

62. Water

All charges raised by the PWD for water used will be passed to OIC

Bks LABUAN, supported by AF P1922.

Write Off/Boards of Survey

63. Australian Items

In accordance with MBI 5 - 1 submitted to HQ Australian Army Force
within a delegation to be confirmed.

64. UK Items

In accordance with current UK instructions as notified by HQ Central
Bde from time to time.

Local Labour

65. HQ Central Bde will arrange contracts for local labour required for
unit administration in accordance with scales agreed by HQ Aust Army Force
FARELF.

ACCOUNTING - RATIONS

RATIONS

1. Rations will be provided by two means:-
 - a. A cash-in-lieu of rations rate, for rations obtained direct from local provisioners.
 - b. Direct issues of rations (pack or fresh) from Sup Deps by surface transport or air drop.

CASH-IN-LIEU OF RATIONS

2. The unit will purchase food supplies from a civilian provision firm, as arranged by HQ Central Bde.
3. The civilian firm will bill the unit monthly, supporting the bill with copies of the appropriate invoices receipted by the unit representative.
4. The unit will check and certify that the bill is correct. In addition the entitlement for cash-in-lieu of rations must be endorsed on the bill. The total of the bill for the month must not exceed the cash-in-lieu of rations entitlement.
5. The cash-in-lieu of rations entitlement is calculated as under:-
 - a. Obtain the total number of personnel on ration strength daily, for the month (i.e. total ration entitlement).
 - b. Subtract the number of rations issued ex Sup Dep (i.e. pack rations or air drop rations).
 - c. Multiply the resultant figure by the cash-in-lieu of rations rate.
6. A specimen certificate is shown below:-

"I certify that:-

1. The items and amounts shown on this bill have been received by this unit during the period.....to.....
2.
 - a. The total number of entitled rations was
 - b. The number of rations issued ex Sup Dep were
 - c. Therefore the number of cash-in-lieu of ration is
 - d. Therefore the cash entitlement is (c) x.....(Cash-in-lieu rate)

Signed.....Rank.....

Appointment....."

7. The certified bill and invoices will be forwarded to the British Paymaster BORNEO for clearance.

/...2

DIRECT ISSUES TO UNITS

8. Units will demand for pack rations and airdrops as per HQ Central Bde Instructions.
9. Financial recovery will be achieved by:-
 - a. The sup dep will submit to 4 SPRD a monthly return showing items and quantities issued.
 - b. 4 SPRD will raise debit vouchers on AFP 1680, as per normal procedure, submitting the appropriate copy to the Command Paymaster SINGAPORE for clearance.

CONTROL

10. In order that the British Paymaster BORNEO can check the rations issued ex sup dep, as shown on units certified bills, the sup dep will submit a monthly return to British Paymaster BORNEO copy to unit showing number of rations issued ex sup dep daily.

RATES/PRICES

11. The retail value of FARELF Scale 24 (cash-in-lieu of rations rate) will be assessed by HQ FARELF and agreed with HQ AUSTARM. The rate will be notified in GROs.
12. The prices to be charged for issues ex sup dep will be:-

(To be notified later)

ENDORSEMENT

13. All vouchers, bills, AFO 1680 etc will be endorsed as under:-

"Charged to Aust Funds" "TOPHAT"

MISCELLANEOUS CHEMICALS AND DISINFECTANTS

14. Issues of Misc & Dis will be made from Bks Svcs LABUAN either by air or by Serface transport.
15. All issues will be accounted for on a AFG 1033 in triplicate. All three copies will be endorsed "Charge to Aust Funds" "TOP HAT". The original copy will support the unit account. The second copy will be passed to the unit receiving the items. The third copy will be forwarded at the end of the month to 4 SPRD to take repayment action.
16. 4 SPRD will price the items issued as follows:-

(Prices to be charged for Issues will be notified later)
17. 4 SPRD will then raise Debit Vouchers at these agreed prices (to be notified later) plus 5% DEs in accordance with Regulations for the allowance of the Army Sec 1 para 21. The debit vouchers will be sent to Command Pay Office for repayment action to be taken.

POL DRAWN DIRECT FROM THE CONTRACTOR

18. a. The Australian Units authorised to demand direct from the contractor will draw pads of AFG 827 from the local RASC Supply Depots. These pads will be kept under lock and key.

/...3

- b. Demands will be prepared on AFG 827 in quadruplicate. All four copies will be endorsed "Charge to Aust Funds" "TOPHAT".
The first three copies will be forwarded to the contractor as a demand. The fourth copy is returned to support the Unit account. When the contractor meets the demand he will produce two copies of the AFG 827. One of these will be receipted and returned to the contractor and the other will be forwarded to 4 SPRD.
- c. In due course the contractor will raise a Bill on AFP 1922 supported by the receipted copy of the AFG 827. This Bill will be passed by the contractor to 4 SPRD.
- d. On receipt of the Bill, 4 SPRD will affix to it the copy of the AFG 827 received direct from the unit.
- e. 4 SPRD will monthly forward all the Bills received to date from the contractor to AUSTARM HQ FARELF who will make settlement direct with the Contractor.
- f. ST Directorate HQ FARELF will supply AUSTARM HQ FARELF with copies of all contractors prices payable in SABAH, BRUNEI and SARAWAK. ST Directorate will also deal with any queries direct with the contractor, on behalf of HQ AUSTARM.

19. Lubricants and Greases drawn from British Army Sources

- a. All issues will be accounted for on AFG 825 in quadruplicate. All four copies will be endorsed "Charge to Australian Fund" "TOP HAT". The original copy will support the unit account. The second copy will be handed to the unit representative drawing the products. The third copy will be sent to the receiving unit by post for official signature and return - it will be stamped on the reverse with the certificate at Annex Z which will be completed by the receiving unit. The fourth copy will be retained by the unit until the third copy of the voucher is returned. If the third copy is not returned to the unit within two weeks appropriate follow up action will be taken.
- b. At the end of each month the unit will send the third and fourth copies of all AFG 825 to 4 SPRD for repayment action.
- c. 4 SPRD will price the items issued as follows:-
(Prices to be charged will be notified later)
- d. 4 SPRD will then raise Debit vouchers at these agreed prices (to be notified later) plus 5% DEs in accordance with Regulations for Allowances of the Army Part I para 21. The debit vouchers will be sent to Command Pay Office for repayment action to be taken.

7 FIELD SQUADRON
ROYAL AUSTRALIAN ENGINEERS

Annex 'Z' to
Central Brigade Administrative
Instruction No

To - - - - -

(Name and address of issuing unit)

From - - - - -

(Name and address of receiving unit)

Receipt of petroleum oils and lubricants as detailed overleaf is
acknowledged.

.....(Signature)

.....(Appt and Rank)

.....19.....(Date)

.....(Reference/
Receipt)

.....(Voucher No.)

To be signed by the receiving unit and
returned to the issuing unit at the above
address.

**7 FIELD SQUADRON
ROYAL AUSTRALIAN ENGINEERS**

RESTRICTED

HQ 51 Inf Bde Gp
British Forces Post Office 605

Brunei Town 784

51/796/Q

18th July 1964

HQ Land Forces Borneo

MAINTENANCE OF 7 FIELD SQN RAE

- Reference:
- A. BM 3 to FE 22711 Q dated 9th July 1964.
 - B. Letter from HQ Australian Army Force FARELF and attached report by Captain Hoffman forwarded under cover of reference A.
 - C. Conversation Lt Col Allen/Maj Logan/Maj Stewart.

Introduction

- 1. Reference B really raises two matters:
 - a. The maintenance of the Kuamut detachment of 7 Field Sqn RAE.
 - b. The chain of command, control and reporting in respect of 7 Field Sqn RAE.

Maintenance of Kuamut

- 2. From the outset it was realised that the maintenance of the Kuamut detachment would present certain difficulties but that these could be overcome without recourse to an expensive military supply line.
- 3. Negotiations were opened with Harrison and Crosfield and initially they agreed to accept the commitment. It was only at the time of arrival of the detachment 7 Field Sqn that Harrison and Crosfield made it clear that they were not interested. As a result of a visit by OC 7 Field Sqn and DAA & QMG 51 Inf Bde Gp alternative arrangements have been made and it is understood these are now working satisfactorily - all materials being taken by contract to Malubuk four miles south of Kuamut.
- 4. The following points should be noted:
 - a. The problems of the supply line and the arrangements being made were well known to HQ Aust Army Force FARELF and in fact the majority of the arrangements were made and agreed by DAQMG HQ Aust Army Force FARELF in conjunction with the staff of HQ 51 Inf Bde Gp.
 - b. The delays caused by the lack of water in the river would have occurred whether military or civil river craft were used.
 - c. Additional small boats had been provided before the report at reference B was written.
- 5. The problems encountered were the normal ones of operating in this type of country and the new arrangements should have resolved these. Further improvements should be possible as

/more

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more experience is gained. Any serious problems would have been referred to us by 7 Field Sqn. It is of interest that both the CGS and E-in-C Australian Army, and one of their senior staff officers who has examined the problem in detail, have expressed satisfaction with the arrangements.

Command and Control

6. When it was first suggested that 7 Field Sqn RAE should be deployed in Borneo an offer was made to this headquarters by HQ Aust Army Force FARELF of one officer and a number of NCOs who could be deployed as required by this headquarters in order to assist in the reception and subsequent maintenance of 7 Field Sqn RAE. This offer was accepted and Captain and a small staff were duly appointed.

7. It was obvious that, in the initial stages, Hoffman would be of most use in Jesselton and Sandakan and as he was due to be relieved in July 1964 he was not subsequently recalled to this headquarters.

8. During his recent visit Colonel Marsh, AQMG Australian Army HQ Canberra, made it quite clear that future officers and staff sent to Borneo to assist in the maintenance of 7 Field Sqn RAE should be considered part of HQ 51 Inf Bde Gp and should be deployed as required by us.

9. Captain Granter - who is replacing Captain Hoffman as a temporary relief from HQ Aust Army Force FARELF until a permanent officer arrives shortly from Australia - has not however been given such a brief by his headquarters. On the contrary, Granter was told to carry out specific tasks, certain of which conflict with the wishes of this HQ and OC 7 Field Sqn. In particular neither this HQ, with the knowledge and agreement of Colonel Marsh, nor OC 7 Field Sqn wished him to visit Kuamut immediately on arrival because of his expected short sojourn in Borneo and the necessity to provide a special boat and crew for a minimum of three days to take him up river. However, in view of his brief he has been allowed to carry out the visit.

10. This is an unsatisfactory state of affairs. An officer and staff who work to this HQ (as originally offered by HQ Aust Army Force FARELF and now proposed by AQMG HQ Australian Army) would be invaluable. A LO not directly responsible to this HQ is in fact another visitor, is of very limited value and adds unnecessarily to the administrative load.

11. A further matter discussed with Colonel Marsh is the correct chain of command which is understood to be, except for purely Australian matters, through this HQ and HQ Land Forces Borneo to HQ FARELF keeping HQ Aust Army Force FARELF informed where necessary.

*OC - your
amplified
and
correct*
12. The report at reference B indicates that there is a separate reporting chain. As stated above there is no doubt that there were problems over the maintenance of Kuamut but if such a report were required then it should have been initiated by OC 7 Field Sqn and forwarded through the normal channels - with, if considered necessary by OC 7 Field Sqn, a copy to HQ Aust Army Force FARELF for information. It should be noted that according to the published distribution list this report has not been seen by OC 7 Field Sqn at all.

/Conclusion

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Conclusion

13. Undoubtedly problems were encountered initially in the move to and subsequent maintenance of Kuamut but these have been resolved. It is expected that there should be further improvements as more experience of the supply line is gained.

14. Reports on 7 Field Sqn activities and difficulties encountered should be initiated by CC 7 Field Sqn and forwarded through the normal command channels.

15. A LO, from HQ Aust Army Force FARELF, who is not responsible to this HQ, is in fact a visitor, is of limited value and therefore adds unnecessarily to the administrative load.

16. It is requested that the following are clearly laid down:

a. Channel of command and control.

b. Terms of reference for the Australian officer and staff deployed in this area to assist in the maintenance of 7 Field Sqn RAE. These terms of reference should be as envisaged by Lt Col Marsh (AQMGS HQ Australian Army), i.e. the officer and his staff become part of HQ 51 Inf Bde Cpt to be used and deployed:

(1) As necessary to ensure the proper maintenance of 7 Field Sqn RAE.

(2) For such other tasks as are required.



(J.F. Logan)
Maj
for Comd

Copy to:

7 Field Sqn RAE. Please forward any comments you may have.

Spare (3)

RESTRICTED

7 FIELD SQUADRON
ROYAL AUSTRALIAN ENGINEERS

From:- Major J.F. Logan, QO HLDERS, DAA & QMG
HEADQUARTERS,
51 INFANTRY BRIGADE GROUP,
BRITISH FORCES POST OFFICE 605.

J. No 200.



Brunei Town 784

51/795/Q

21 July 1964

Major F.J. Cross
Commanding 7 Field Squadron
Royal Australian Engineers

Dear Frank,

I am just off on two weeks R & R. Before going I thought I would write and ask you to let Colin Scott know how the new arrangements for the maintenance of Kuamut are going now that you have seen them operating.

In particular, is the fuel for your plant getting there regularly in sufficient quantities? If there are problems let me know and if necessary I could ask the RAF for a fuel drop to give you some reserve.

Hope you trip into the Evans went well

L

Hamish

Answered in memo
memo to HQ Central Bde
EP

TELEPHONE

7 FIELD SQUADRON
ROYAL AUSTRALIAN ENGINEERS



AUSTRALIAN MILITARY FORCES

J. No 2(d)

Quote in Reply

31-1-41...

ADDRESS

7th Field Squadron RAE
Post Office
KENINGAU, SABAH, MALAYSIA
26 Jul 64

Headquarters
Australian Army Force
GPO SINGAPORE

MAINTENANCE OF KUAMUT DETACHMENT

1. It would be appreciated if this unit could be given a copy of a report made by the previous Australian Liason Officer on the maintenance of the 7 Fd Sqn KUAMUT Detachment.
2. Would it be possible for me to receive a copy of all reports initiated by Liaison Staff in BORNEO?

F CROSS

Major

OC 7th Field Squadron RAE

TELEPHONE

J. No 2(e).

7th FIELD SQUADRON
ROYAL AUSTRALIAN ENGINEERS



AUSTRALIAN MILITARY FORCES

Quote in Reply

31-1-41

ADDRESS

7th Field Squadron RAE
Post Office
KENINGAU, SABAH, MALAYSIA
26 Jul 64

Headquarters
51st Infantry Brigade Group
BFPO 605
BRUNEI Town

MAINTENANCE OF 7th FIELD SQUADRON GROUP RAE

Reference HQ 51 Inf Bde Gp 51/796/Q of 18 Jul 64.

1. No comment of any real value are offered on the paper. At the moment I am not particularly concerned over the maintenance of the KUAMUT Detachment, which is basically now being effected as satisfactorily as can be expected in the circumstances.

F CROSS Major
OC 7th Field Squadron RAE

RESTRICTED

ANNEX J No 3

(TO BE HANDED OVER ON RELIEF)

**7 FIELD SQUADRON
ROYAL AUSTRALIAN ENGINEERS**

HQ Central Bde
British Forces Post Office 605

Brunei Town 571 Ext 8

//th July 1964

51/600/A

Distribution below

CENTRAL BRIGADE ADMINISTRATIVE INSTRUCTION No 14

REME SERVICES

Copies of the above Administrative Instruction are forwarded.

C. R. Parrish

(C.R. Parrish.)
Maj
for Comd

Distribution

1 A & SH	(6)
* 2/7 GR	(6)
1/10 GR	(6)
Det Sqn QRIH	(1)
68 Gurkha Indep Field Sqn	(3)
7 Field Sqn RAE	(4) ✓
472 P & CU	(1)
247 (Gurkha) Sig Sqn	(2)
A Sqn 22 SAS	(1)
10 Recce Flt AAC	(1)
Det 30 Liaison Flt RASC	(1)
50 Supply Depot RASC	(1)
Det 3 AASO Labuan	(1)
FMED	(1)
97 OFP	(1)
MRS Brunei	(1)
69 Sta Wksp REME	(1)
51 Inf Bde Gp LAD REME	(1)
51 Inf Bde Gp Pro Unit	(1)
5 Int Pl (Bde)	(1)
HQ Coy 51 Inf Bde Gp	(1)
Camp Comdt Tawau	(1)
Comp Pl Tawau	(1)
Port Comdt	(1)
Admin Comdt Brunei	(1)
1204 PCLU	(1)
Field Bakery RASC	(1)
30 Coy Gurkha ASC	(4)
HQ East Bde	(1)
HQ Land Forces Borneo	(3 - 1 for HQ REME)

List B (less Serials 15 - 17 inclusive) (1 copy each)

Comd's Diary (2)

Duty Officer's Folder (1)

Spare (20)

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CENTRAL BDE ADMINISTRATIVE INSTRUCTION No 14

REME SERVICES

Introduction

1. a. This instruction gives the procedures to be followed by units requiring REME repairs, inspection or recovery. It also sets down instructions regarding defects, condemnation of equipment and trade training and promotion of REME other ranks.
b. Units should contact BEME, HQ 51 Inf Bde Gp regarding all REME problems not covered by these instructions.

Repairs

2. Unit Repairs

- a. Those units with attached REME tradesmen will carry out the unit repairs on equipment within their own units.
- b. Those units in the Brunei Torn area without attached REME tradesmen will submit AFs G1045 to 51 Inf Bde Gp LAD REME for unit repairs.
- c. Those units in Labuan should submit AFs G1045 to 30 or 31 Coy Workshop REME in accordance with instructions laid down by HQ REME Land Forces Borneo.

3. Field Repairs

- a. Units in the Central Bde area will be supported by 69 Station Workshop REME for field repairs to all equipments.
- b. Units which are supported by 51 Inf Bde Gp LAD REME for unit repairs are not to submit AFs G1045 direct to 69 Station Workshop REME except for telecommunications equipment, instruments and office machinery, but are to submit them through the LAD in the first instance.
- c. Other units may submit AFs G1045 direct to 69 Station Workshop. All AFs G1045 for telecommunications equipment, instruments and office machinery are to be submitted direct to workshops.

4. Local Contract Repairs

- a. It may save time and money to have repairs done by local contract. If such repairs are required units will first obtain the approval of BEME, HQ 51 Inf Bde Gp. The following, however, are authorised to spend the amounts shown without prior authority of BEME.

Unit	Maximum cost allowed per repair	Total expenditure per month
OC 69 Station Workshop	-	\$300
OC British Bn Tawau	\$75	\$300
OC Inf Bn in Miri	\$50	\$200
OC Inf Bn in Limbang	\$25	\$150
Composite Platoon Tawau	\$75	\$200
Transport Platoon Seria	\$25	\$150

/b. Bills for

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b. Bills for local repairs are not to be paid by units but should be submitted to BEME HQ 51 Inf Bde Gp with one copy of AF P1922 for counter-signature and for subsequent payment through the Staff Paymaster HQ 51 Inf Bde Gp.

c. Certain instruments and office machinery will be repaired by local contract through 69 Station Workshop REME.

d. It must be noted that local repair money is not to be used for the local purchase of spares. Spares may, however, be included in a bill which also shows the labour charges for fitting the spares.

5. Outboard Motors

Outboard motors are, where possible, to be repaired by unit tradesmen in situ. Those beyond unit capability are to be taken to RE Stores Section Brunei where they will be exchanged.

6. Receipt of Equipment in Workshops

When major equipments, although requiring repair, are still serviceable, the unit should contact the workshop before taking the item in for repair. This may save keeping the equipment in workshop awaiting labour or spares when it could be in use.

Workshops will not normally give a receipt for an item until it has been inspected at their Receipt and Issue Section. A unit representative should, if possible, accompany the equipment to the workshop.

7. Spare.

Recovery and Backloading

8. a. The following types of vehicle casualties can normally be recovered by units using equipment already held and specialist REME vehicles and crews should not be called out in such cases:

- (1) Breakdowns not involving brakes or steering.
- (2) Accidents where there is slight damage only to the bodywork, e.g. scratches or dents.

b. Requests for recovery or backloading assistance beyond unit capacity will be made direct to 51 Inf Bde Gp IAD REME or 69 Station Workshop REME. All such requests, when not made on a Vehicle Equipment Breakdown Card (AF W4018), must contain the following information:

- (1) Unit designation.
- (2) Make and type of equipment.
- (3) Registered number - if a vehicle.

/(4)

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- (4) Location of casualties, e.g. grid reference or landmarks with distance.
- (5) Brief details of damage.
- (6) If towable or otherwise.
- (7) Name and rank of originator.

c. When a casualty has been notified for REME assistance it should not then be moved by any other means which may become available until the arrival of the recovery team. If the casualty is recovered and removed from the site before the arrival of the recovery team the originator or his deputy must arrange to leave a representative at the site of the casualty to inform the recovery team on its arrival that the casualty has been removed.

d. In all cases of difficulty regarding recovery, BEME should be advised.

e. Units sending vehicles on long runs away from the area covered by the Brigade Recovery Vehicles can obtain details of recovery points covering the route from BEME.

Local Manufacture

9. Requirements for local manufacture should be submitted on AF G1045 together with any necessary drawing to be BEME HQ 51 Inf Bde Gp. When authorized, it is suggested that a unit representative visit the workshop to discuss the requirement.

Electrical and Mechanical Engineering Regulations (EMERs)

10. The maintenance of an EMER library is a unit responsibility. Supplementary demands for EMERs in accordance with EMER General A 050 and demands for EMER Binders should be submitted to BEME HQ 51 Inf Bde Gp. EMERs are distributed automatically by 5 Sub Depot 3 BOD. Periodically, units are requested to fill in a form showing what EMERs they require on automatic distribution.

11. It takes approximately four months from the time an EMER is notified in Defence Council Instructions to it being received by units in Borneo.

Inspection of Equipment

12. This is arranged by HQ 51 Inf Bde Gp. Any unit requiring an inspection of equipment should refer to BEME HQ 51 Inf Bde Gp.

13. The bi-monthly Unit B Vehicle Check (AF B6533) is the responsibility of the unit MT officer. The bi-monthly B Vehicle Technical Inspection will be done, on request, by REME.

Defect Reports

14. If any equipment is found to be defective for what is considered to be a fault in design, manufacture or storage the unit is required to make

/out

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out six copies of a Defect Report (AF C3660) and dispose of them as follows:

- a. Original to: HQ Technical Group REME
Repository Road
Royal Arsenal
Woolwich SE 18.
- b. Three copies to: BEME HQ 51 Inf Bde Gp.
- c. One copy to: Unit file.
- d. One copy is to accompany the equipment if it is required for examination.

15. Equipments which are the subject of defect reports should be retained for two months.

Damage Reports

16. Damage Reports (AF N9268) are raised by REME in cases where damage has been caused to equipments other than by "fair wear and tear". The distribution of these reports is as follows:

- a. Unit: 1 copy.
- b. Claims Commission: 1 copy if civilian interests are involved in traffic accident cases.
- c. HQ 51 Inf Bde Gp: 1 copy.
- d. File: 1 copy.

17. On receipt of Damage Reports the unit will investigate the case with a view to disciplinary action being taken and will inform BEME if the equipment affected is required as evidence at any further investigation. This must be within ten days of the receipt of the Damage Report otherwise it will be assumed that repairs can be put in hand.

18. Units will inform the HQ of action taken as a result of all Damage Reports within seven days of the receipt of the report. In serious cases the Brigade Commander may direct disciplinary action to be taken.

Condemnation of Equipment

19. Major items of equipment can only be sentenced BLR or BER by BEME or OC 69 Station Workshop REME. Small arms may be sentenced by the Brigade Armourer.

20. Tyres and certain FAMTO items as listed in Annex A require a BLR or BER Certificate (AF G1043). This may be signed by attached REME tradesmen of the rank of corporal and above where, for geographical reasons, it is not possible to contact WO i/c 51 Inf Bde Gp LAD REME or the WOII PWF of 69 Station Workshop REME. Instructions for the preparation of AFs G1043 are contained in Annex B

/Trade

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Trade Testing and Training

21. All Applications for Trade Tests (AF B53) should be sent to BEME who will make the necessary arrangements. Normally he will advise the unit of such tradesmen who are up to the standard required.

22. Trade training and upgrading courses are notified to units by BEME HQ 51 Inf Bde Gp and allocation will be made by units for those considered technically suited for upgrading.

Promotion of REME Tradesmen

23. Substantive promotion of REME other ranks is notified from time to time in REME Corps Orders. Acting rank for REME Cpls and above can only be authorised by OIC REME Records. However, the power to grant acting ranks of Lcpl is vested on OCs units providing it is within their unit's establishment.

24. Unit acting rank must be relinquished immediately if the establishment is reduced, or in the event of the posting in of correct or higher substantive rank.

25. Although qualifications are not required for Unit acting rank, it should be exceptional for soldiers who are selected not to hold the appropriate qualifications. It should also be most exceptional that a soldier is selected to fill a vacancy more than ONE rank higher than his substantive rank.

26. A soldier holding acting rank is junior to a soldier in equivalent substantive rank.

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ANNEX A TO CENTRAL BDE
ADMINISTRATIVE INSTRUCTION No 14

LIST OF FAMTO ITEMS REQUIRING BLR OR BER
CERTIFICATES

⌘ Ammeters	⌘ Horn Assemblies
Armatures	Jacks Lifting Hydraulic
⌘ Axle Shaft	Master Cylinders
Batteries, Secondary	Panel Generator
⌘ Brake Drums	Petrol Tanks
Canopies	⌘ Pressure Gauges
Carburettors	Propshafts
Compressor Air Supply	Radiators
Control Board	⌘ Regulators and Cut Outs
⌘ Coil Ignition	Road Springs
Covers Outer	Road Wheels
Covers Waterproof	⌘ Shock Absorbers
Distributors	⌘ Speedometers
Doors	Starter Motors
Fans	Switch Board Assemblies
Fuel Injectors (Diesel)	⌘ Tachometers
Fuel Pumps	⌘ Tubes Inner
Foot Pumps	⌘ Windshield Wiper Assemblies (air or electrical)
⌘ Gauges Oil Pressure Generators	Water Pump Assemblies
⌘ Head Lamp Assemblies	

Note: Items marked ⌘ should normally be sentenced BER.

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ANNEX B TO CENTRAL BDE
ADMINISTRATIVE INSTRUCTION No 14

INSTRUCTIONS FOR THE COMPLETION OF AF G1043

1. AFs G1043 are to be prepared in triplicate, the original accompanies the demand for the new item, the first copy is attached to the condemned item if it has to be returned to RAOC and the second copy is retained by the issuing unit for reference.

2. It should be noted that only one type of equipment may be condemned on any one AF G1043, but any quantity of that equipment may be included on the one certificate.

e.g. Qty 1, Speedometer and Qty 1, Ammeter will require two separate certificates but Qty 3 Ammeters may be condemned on one certificate.

3. The following must be included on the AF G1043, (see specimen attached at Appendix 1 to this Annex B)

- a. Serial No - these should run consecutively changing every year on 1st January.
- b. To: - The officer commanding the unit to which the equipment belongs.
- c. Forward AF G1033 for the stores to: - DADOS, HQ 51 Inf Bde Gp.
- d. The part number of the equipment.
- e. The registered number of the equipment.
- f. The full designation of the equipment.
- g. The total quantity of equipments being condemned in words (i.e. THREE not 3), the quantity BLR and quantity BER.
- h. If the item is part of a larger equipment, the registered number of that equipment must be quoted also (i.e. Covers Outer, 500 x 16 ex Truck $\frac{1}{2}$ -ton, 97 BP 16).
- i. The reason for condemnation (i.e. for an ignition coil - burnt out; for a tyre - split in side wall).
- j. (1) For BLR items quote EMER Wksp H191 Paragraph 3 and select sub paragraph from those shown below:
 - (a) Instructions issued by higher authority forbidding the class of repair required being undertaken by the workshop concerned.
 - (b) Lack of suitably trained personnel.
 - (c) Inadequate technical information.
 - (d) Lack of equipment and/or stores required to effect a proper repair.
 - (e) The amount of work outstanding and/or the availability of workshop floor space.
 - (f) Limitations imposed by REME Repair schedules or other instructions issued by MOD (Army).

/(g) The

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- (g) The existence of instructions to backload particular equipments to nominated workshops specially equipped for their repair.
- (h) The impossibility of effecting a repair in the time available (e.g. mobilizing units).

(2) For items BER quote EMER Wksp H191 Paragraph 5 (a).

k. Date.

l. Signature, rank and appointment of sentencing officer.

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APPENDIX 1 TO ANNEX B TO
CENTRAL BDE ADMINISTRATIVE
INSTRUCTION No 14

SPECIMEN

Army Form G 1043 (Pads of 100)

REPORT ON STORES AND CONDEMNATION CERTIFICATE

Workshop Job No..... Serial No..... 46

To Officer Commanding..... 1st Bn KOYL 1

Reference your Workshop Repair Indent (AF G1045) No.....

dated..... The stores detailed below have been sentenced

as shown (due to fair wear and tear except as otherwise stated) and,

except in the case A, B and C Vehicles you should:-

1. Forward AF G1033 for these stores to..... DADOS HQ 51

INF BDE GP..... quoting this report as your authority.

2. If stores are required in replacement, this certificate should be attached to your indent.

Designation (including Part No; Registered No etc where applicable)	Qty	Condition	
		BLR	BER
<u>HORN ELECTRIC 12 VOLT</u>	<u>TWO</u>	<u>/</u>	<u>TWO</u>
<u>PART NO LV6/MT3 AC</u>			
<u>795 2777</u>			
<u>ex TRUCKS 1/4 TON 67 EK 56</u>			
<u>and 45 DM 60</u>			
<u>(Corroded by salt water)</u>			
<u>EMER WKSPs H 191</u>			
<u>Para 5 refers</u>			

11th July 1964..... J. Bloggs..... Sentencing Officer

Rank..... Sgt..... Appointment..... VM Sgt 1 KOYL 1

Unit or HQ..... 1st Bn KOYL 1

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Capt Dyer.

1. 1970-1971

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TELEPHONE

COPY

ANNEX K NO 21



7 FIELD SQUADRON
ROYAL AUSTRALIAN ENGINEERS

AUSTRALIAN MILITARY FORCES

Quote in Reply

P-1-57

ADDRESS

Army Headquarters
Administrative Building
CANBERRA, ACT
29 May 64

OC 7 Fd Sqn

(through CO 1 Fd Engr Regt)

IWT - BELL BOY

1. The Bell Boy is not a Tn craft but as your particular need seemed to be for a craft of high speed and shallow draft, this was the only one in service.
2. I do not consider it to be a suitable IWT craft because of its poor capacity alone. We should however make the best use of this period of operation to determine the essential characteristics of a boat for river working.
3. Attached is a guide to reporting to me on your river operation and the records I would like to be forwarded once a month to this office. I do not want to add to your administrative burden but my Tn craft operators should do most of the work.
4. Please feel free to write me informally about any Tn aspects as we are:-
 - (a) out to learn all we can;
 - (b) determined to help you in any way we can.

Lt Col
D Tn

1. It is hoped to gain much information from this operation particularly with regard to the type and size of craft desirable for this role. To assist you in supplying this information the Outline Military Characteristics for an IWT craft are attached and any criticism or comments which you are able to offer regarding the most suitable type of craft for an operation of this nature would be welcome.

2. The operational aspects of such a venture are also being studied and your reports should cover the following points:-

- (a) Administration and maintenance of the personnel, the craft and the engines.
- (b) How should an operation of this nature be organised for control purposes, both transportation technical control and control of the craft from the point of view of the local commander.
- (c) Is the equipment on board the "Bell Boy" suitable for this type of operation or should other items or types be supplied?
- (d) Are any defensive measures necessary for a craft operating under these conditions and if so what is the requirement?
- (e) An outline of the success or otherwise of radio communications with this craft and recommendations for the future.
- (f) To guide our thinking on river operations would you please have details of this river compiled as they affect the operation, i.e.
 - (i) Speed of current.
 - (ii) Limits of navigability for various craft.
 - (iii) Information on the river banks and is the craft particularly limited in selection of landing places.
 - (iv) Is the size and quantity of debris in the river sufficient to warrant special types of propulsion and hull design or is this problem relatively unimportant.
 - (v) Availability of POL and rations locally etc.
 - (vi) Any other comments regarding the characteristics of this river and its use as a military supply route or as an avenue of commerce.
- (g) The records which should be kept with the craft operators during the river operation as an "engine log" and a "deck log".
 - (i) The engine log should show the normal information such as daily hours of operation, POL statistics, all breakdowns, repairs and maintenance, any defects found and the action taken etc
 - (ii) The deck log should show information such as distances covered, speed, estimated speed of river, details of cargo and passengers carried, repairs and maintenance (hull as opposed to engines) difficulties encountered etc.

3. There is also a JIB requirement for detail of the river area and the following is an extract from JIB 2676/1/430 of 22 May 64:

"A list of JIB requirements are forwarded herewith:

- (1) What is the minimum and maximum depths of water over the bar of the main entrance to the Kinabatangan? What degree navigability exists over secondary entrances to the river?
- (ii) Confirm that craft of 5 feet draught reach Pintasan and in this regard what depth of water is to be found to Kuamut (at high water, at low water)? What is the maximum draught of vessels able to operate at these times?
- (iii) What is the width of the navigable channel to Pintasan, to Kuamut and are there any factors which restrict length of craft over either reach?
- (iv) What approximately are speeds of currents below Pintasan and above Pintasan to Kuamut ~~and any other factors~~ at high water, at low water? What is the difference in water levels at these times?
- (v) What hazards to navigation exist - logs, debris, sandbanks, rapids, whirlpools etc? Describe any permanent hazards and where are they located?
- (vi) Describe and locate by reference of maps, any facilities which may exist e.g. jetties, quays, wharves etc. Describe and locate river bank landing sites.
- (vii) What craft are available for use on the river? If possible please list by type, number available, size and motive power. Where are these craft based?
- (viii) Could an estimate be given of the use being made of the river by the indigenes? The number of craft sighted and the composition of cargoes moving upstream and downstream would be useful.
- (ix) Can any details of the navigability of any tributaries be obtained?

2. We would appreciate it if answers to the variable factors could be given over the full six months period so that we might attempt to work out a pattern of river behaviour."

4. It is suggested that this information may be forwarded through this directorate with your monthly report.

OUTLINE MILITARY CHARACTERISTICS
FOR AN IWT CRAFT

PURPOSE OF NEW EQUIPMENT

1. Acraft is required to convey small parties of men and/or stores along fast flowing rivers containing debris and at times restricted by sandbars mangroves and perhaps small rapids. This craft must be capable of conveying minor items of engineer equipment and of simple and rapid conversion for medical evacuation purposes.

EXISTING ITEMS

2. Nil.

GENERAL FEATURES OF THE NEW EQUIPMENT

3. A lightweight equipment with high speed and shallow draft capable of overcoming debris, sanbars etc, without damage to the craft or its propulsion unit.

ESSENTIAL FEATURES OF THE NEW EQUIPMENT

4. (a) Performance

- (i) Must be capable of travelling at a speed of at least eight knots against a river current speed of six knots.
- (ii) The method of propulsion must be capable of operating in such a way that it avoids large floating and semi floating debris, sandbars or the river bottom.
- (iii) The craft must have a payload of thirtysix passengers or 8000 lbs of cargo or any combination of these.
- (iv) It must be capable of extended harbour operations and of limited inshore coastal voyages.
- (v) A maximum crew of two is required.
- (vi) An extremely robust design is required to permit grounding and extended use without normal base facilities.
- (vii) All engine starting and operating controls must be located adjacent to the control position.
- (viii) The craft must have an endurance of at least 12 hours.
- (ix) High manouvability in confined areas with rapid current flow is essential.

PHYSICAL DIMENSIONS

5. (a) Length overall to be as designed but not to exceed forty feet.
- (b) Beam to be as designed.

TRANSPORTABILITY (Ref AHQ WEPS 100)

6. Must be capable of being handled by ships davits or cargo gear, preferably without the use of special slings, spreaders or equipment.

CLIMATIC RANGE FOR OPERATION AND STORAGE (Ref AHQ WEPS 100)

7. Must be capable of operation under tropic and sub-tropic climatic conditions.

EASE OF MAINTENANCE (Ref AHQ WEPS 73 and 78)

8. Must be designed to facilitate accessibility for all servicing operations, for repair by exchange of assemblies and for repairs to the hull and ancillary equipment with a minimum of stripping and preparation.

SUPPRESSION (Ref AHQ WEPS No 24)

9. (a) Electrical system shall be suppressed to a Group A standard based on the Signals Research and Development Establishment (SRDE) Technical Specification TS/1068 of 5 Nov 58 which is in accordance with the preliminary determinations of the CISPR.
- (b) Suppression equipment used to achieve the foregoing standards must be simple, reliable and easy to maintain. Where appropriate it will be incorporated at the production stage. Suppression devices which are ~~normally~~ necessarily fitted later must be in the form of an applique unit which can be fitted with a minimum of engineering skill and modification.

WATERPROOFING

10. All component parts of the equipment shall be capable of continuous operation in heavy salt spray and/or torrential rain.

PRESERVING, IDENTIFICATION AND PACKAGING

11. Not applicable.

STANDARDIZATION

12. (a) For each broad class of equipment, components and assemblies must be standardized to the maximum extent.
- (b) Interchangeability of assemblies and parts between the three Aust services and with USA is the desirable ideal.
- (c) Minor assemblies, accessories, screw threads and fittings shall be, where possible, standardized with current Army issue items Defence (Aust) Standards or Australian Standards Specification whichever shall apply.

TECHNICAL PUBLICATIONS REQUIRED

13. (a) User hand book.
- (b) Main engine manufacturers spare parts catalogue.
- (c) Main engine manufacturers maintenance manuals.
- (d) Manufacturers maintenance manuals for all accessory equipment fitted.



ANNEX K. No 1

AUSTRALIAN MILITARY FORCES

Quote in Reply

36-7-11

ADDRESS

7th Field Squadron RAE
Post Office
KENINGAUM, SABAH, MALAYSIA
30 Jul 64

KUAMUT Detachment
7th Field Squadron Group RAE
Post Office, Box 67
SANDAKAN

IWT - BELL BOY

1. Attached is a request from D Tn for a report on the Bell Boy launch and the KINABATANGAN River.
2. I consider this type of information essential as added guidance for AHQ planning purposes. You are therefore to complete a draft report on both requirements and forward this to me before 30 Sep 64. Any other pertinent information and opinions not requested in the memorandum should be included in your report.
3. The Dtn memorandum and attached annexures are to be attached to your report.

F CROSS Major
OC 7th Field Squadron RAE

MESSAGE FORM

ANNEX K No 2

NUMBER

FOR COMM CEN/SIGNALS USE

PRECEDENCE — ACTION PRIORITY	PRECEDENCE — INFO DEFERRED	DATE — TIME GROUP 290900Z	MESSAGE INSTRUCTIONS
From 7 Fd Sqn			PREFIX GR
To CENTRAL BDE			SECURITY CLASSIFICATION SECRET
Info Det 7 Fd Sqn			ORIGINATOR'S NUMBER Q7

VICTOR PD airdrop PD det 7 Fd Sqn RAE PD 61 men for 2 days PD
ST PD rats PD aust fresh qty 122 rats Aust rat scale No 24 PD
ORD PD cannisters smoke cmm qty 12 PD required for marking DZ PD
WHISKEY PD NORTH BORNEO 1 in 50000 sheet 5/117/15 cmm KUAMUT cmm
GR 325767
X RAY PD A PD brush fire each side of DZ PD
YANKEE PD 030100Z to 030300Z PD
ZULU PD nil PD

2(a)

Page.....of.....pages		REFERS TO MESSAGE CLASSIFIED <input type="checkbox"/> YES <input type="checkbox"/> NO		DRAFTER'S NAME		OFFICE		TEL No			
FOR OPS USE	R	DATE	TIME	SYSTEM	OPERATOR	D	DATE	TIME	SYSTEM	OPERATOR	RELEASING OFFICER'S SIGNATURE AND RANK

MESSAGE FORM

7 FIELD SQUADRON
ROYAL AUSTRALIAN ENGINEERS

NUMBER.....

FOR COMM CEN/SIGNALS USE.....

PRECEDENCE — ACTION ROUTINE	PRECEDENCE — INFO DEFERRED	DATE — TIME GROUP 04 0315 Z	MESSAGE INSTRUCTIONS
From 7 Fd Sqn			PREFIX GR
To Det 3 AASO Central Bde			SECURITY CLASSIFICATION UNCLAS
Info			ORIGINATOR'S NUMBER Q1

Airdrop completion report PD AD 324 PD mary PD 030230Z PD

FIRST PD good PD second PD cheese and butter PD third PD apples

and oranges badly bruised and split PD cause cmm insufficiently

padded when packed PD fourth PD nil cmm will be return through

aut LO at jane

2(b)

Page.....Of.....pages		REFERS TO MESSAGE CLASSIFIED <input type="checkbox"/> YES <input type="checkbox"/> NO		DRAFTER'S NAME MENZIE		OFFICE		TEL No			
FOR OPS USE	R	DATE	TIME	SYSTEM	OPERATOR	D	DATE	TIME	SYSTEM	OPERATOR	RELEASING OFFICER'S SIGNATURE AND RANK

MESSAGE FORM

NUMBER.....

7 FIELD SQUADRON
ROYAL AUSTRALIAN ENGINEERS
FOR COMM CEN/SIGNALS USE.....

PRECEDENCE — ACTION PRIORITY	PRECEDENCE — INFO DEFERRED	DATE — TIME GROUP 06 0700 Z	MESSAGE INSTRUCTIONS
From 7 Fd Sqn			PREFIX GR
To CENTRAL BDE			SECURITY CLASSIFICATION UNCLAS
Info Det 7 Fd Sqn			ORIGINATOR'S NUMBER Q1

VICTOR PD airdrop PD det 7 Fd Sqn RAE PD 62 men for 2 days PD
ST PD rats PD fresh qty 124 rats cmm aust rat scale No 24 PD
POL PD qty 27 gals MT gasoline PD
BKS PD qty 112 lbs aluminium sulphate PD
NAAFI PD tiger beer qty 400 cans PD mixed minerals qty 200 cans
PD resupply of NAAFI sups by sea has not yet arrived
AKE PD films as available
WHISKEY PD NORTH BORNEO 1 in 5000 sheet 5/117/15b cmm KUAMUT cmm
GR 325767
X-RAY PD A PD brush fire each side of DZ PD
YANKEE PD 100100Z to 100300Z PD
ZULU PD nil

2(c)

Page.....of.....pages		REFERS TO MESSAGE		DRAFTER'S NAME		OFFICE		TEL No			
		CLASSIFIED <input type="checkbox"/> YES <input type="checkbox"/> NO		MENZIE							
FOR OPS USE	R	DATE	TIME	SYSTEM	OPERATOR	D	DATE	TIME	SYSTEM	OPERATOR	RELEASING OFFICER'S SIGNATURE AND RANK

MESSAGE FORM

NUMBER _____

7 FIELD SQUADRON
ROYAL AUSTRALIAN ENGINEERS
FOR COMM CEN/SIGNALS USE

PRECEDENCE — ACTION PRIORITY	PRECEDENCE — INFO DEFERRED	DATE — TIME GROUP 09 0710 Z	MESSAGE INSTRUCTIONS
From 7 Fd Sqn			PREFIX GR
To CENTRAL BDE			SECURITY CLASSIFICATION UNCLAS
Info Det 7 Fd Sqn			ORIGINATOR'S NUMBER Q1

VICTOR PD airdrop PD det 7 Fd Sqn RAE PD 62 men for 2 days PD
ST PD rats PD fresh qty 124 rats cmm aust rat scale No 24 PD
WHISKEY PD NORTH BORNEO 1 in 50000 sheet 5/117/15 cmm KUAMUT cmm
GR 325767
X RAY PD brush fire each side of DZ PD
SULU PD nil

2(d)

Page.....of.....pages		REFERS TO MESSAGE CLASSIFIED <input type="checkbox"/> YES <input type="checkbox"/> NO		DRAFTER'S NAME J BOLTON		OFFICE		TEL No			
FOR OPS USE	R	DATE	TIME	SYSTEM	OPERATOR	D	DATE	TIME	SYSTEM	OPERATOR	RELEASING OFFICER'S SIGNATURE AND RANK

MESSAGE FORM

NUMBER _____

7 FIELD SQUADRON
ROYAL AUSTRALIAN ENGINEERS
FOR COMM CEN/SIGNALS USE

PRECEDENCE — ACTION ROUTINE	PRECEDENCE — INFO DEFERRED	DATE — TIME GROUP 150030Z	MESSAGE INSTRUCTIONS
From 7 Fd Sqn RAE			PREFIX GR
To Det 3 AASO HQ Central Bde			SECURITY CLASSIFICATION UNCLAS
Info			ORIGINATOR'S NUMBER Q1

airdrop completion report PD AD356 PD KUAMUT PD 140430Z PD
FIRST PD good PD
SECOND PD NO cheese butter supporting vouchers PD
THIRD bread badly squashed parachute not opening fully PD
FOURTH PD returned to Aust LO

2(e)

Page.....of.....pages		REFERS TO MESSAGE CLASSIFIED <input type="checkbox"/> YES <input type="checkbox"/> NO		DRAFTER'S NAME J BOLTON		OFFICE		TEL No			
FOR OPS USE	R	DATE	TIME	SYSTEM	OPERATOR	D	DATE	TIME	SYSTEM	OPERATOR	RELEASING OFFICER'S SIGNATURE AND RANK

MESSAGE FORM

NUMBER.....

7 FIELD SQUADRON
ROYAL AUSTRALIAN ENGINEERS

FOR COMM CEN/SIGNALS USE.....

PRECEDENCE — ACTION PRIORITY	PRECEDENCE — INFO DEFERRED	DATE — TIME GROUP 17 0150 Z	MESSAGE INSTRUCTIONS
From 7 Fd Sqn RAE			PREFIX GR
To CENTRAL BDE			SECURITY CLASSIFICATION UNCLAS
			ORIGINATOR'S NUMBER Q1

Info

VICTOR (.) AIRDROP (.) ~~xxxx~~ Det 7 Fd Sqn (.) RAE (.) 62 men for
3 days (.)
ST (.) rats (.) fresh to aust rat scale 24 Qty 186 (.)
WHISKEY (.) purple 50 (.)
X RAY (.) bush fire each side of DZ (.)
YANKEE (.) 210100Z to 210300Z jul (.)
ZULU (.) nil

2(f)

Page.....of.....pages		REFERS TO MESSAGE CLASSIFIED <input type="checkbox"/> YES <input type="checkbox"/> NO		DRAFTER'S NAME J BOLTON		OFFICE		TEL No			
FOR OPS USE	R	DATE	TIME	SYSTEM	OPERATOR	D	DATE	TIME	SYSTEM	OPERATOR	RELEASING OFFICER'S SIGNATURE AND RANK

MESSAGE FORM

7 FIELD SQUADRON
ROYAL AUSTRALIAN ENGINEERS
FOR COMM CEN/SIGNALS USE

NUMBER

PRECEDENCE — ACTION ROUTINE	PRECEDENCE — INFO DEFERRED	DATE — TIME GROUP 220530 Z	MESSAGE INSTRUCTIONS
From 7 Fd Sqn			PREFIX GR
To Det 3 AASO HQ CENTRAL BDE			SECURITY CLASSIFICATION UNCLAS
Info			ORIGINATOR'S NUMBER Q1

airdrop completion report PD AD373 PD purple 50 PD 210415Z PD
FIRST PD stores landed 1000 yds WEST of DZ PD
SECOND NIL PD
THIRD PD bread squashed PD insufficiently padded when packed PD
FOURTH PD being sent to SANDAKAN for onforwarding

2(g)

Page.....of.....pages		REFERS TO MESSAGE CLASSIFIED <input type="checkbox"/> YES <input type="checkbox"/> NO		DRAFTER'S NAME MENZIE		OFFICE		TEL No			
FOR OPS USE	R	DATE	TIME	SYSTEM	OPERATOR	D	DATE	TIME	SYSTEM	OPERATOR	RELEASING OFFICER'S SIGNATURE AND RANK

MESSAGE FORM

Annex K 2.

NUMBER

FOR COMM CEN/SIGNALS USE

PRECEDENCE — ACTION PRIORITY	PRECEDENCE — INFO DEFERRED	DATE — TIME GROUP 232315Z	MESSAGE INSTRUCTIONS
From 7 Fd Sqn			PREFIX GR
To CENTRAL BDE			SECURITY CLASSIFICATION RESTD
Info Det 7 Fd Sqn			ORIGINATOR'S NUMBER Q2

SLX 4/1 CARD 1680

VICTOR PD AIRDROP PD DET 7 FD SQN RAE PD 63 MEN FOR 3 DAYS PD

ST PD RATS PD FRESH QTY 186 RATS cmm AUST RAT SCALE

NO 24 PD

BAS PD QTY 56 lbs COMMON SALT PD

UNIT STORES PD AKC FILMS PD

WHISKEY PD PURPLE 50

X RAY PD BRUSH FIRE EACH SIDE OF DZ PD

YANKEE PD 28 JULY PD

ZULU PD E C EB VQ AT

2(h)

Page.....Of.....pages		REFERS TO MESSAGE CLASSIFIED <input type="checkbox"/> YES <input type="checkbox"/> NO		DRAFTER'S NAME MENZIE		OFFICE		TEL No			
FOR OPS USE	R	DATE	TIME	SYSTEM	OPERATOR	D	DATE	TIME	SYSTEM	OPERATOR	RELEASING OFFICER'S SIGNATURE AND RANK

'C' VEHICLE AND CONSTRUCTION PLANT RETURN

State as at 1 August

1964

7 FIELD SQUADRON
ROYAL AUSTRALIAN ENGINEERS

Serial No	Designation	Size	WD No	Classification			Location & task	Date VOR	EDC Repair if known	Remarks
				Unit	CE Pool	PWD HIRED				
1.	MICHIGAN 85A 2 cy FEL	7	97049	Unit	-	-	Sook Road			
2.	" " " "	"	97051	"	-	-	Sook Road			
3.	" " " "	"	97057	"	-	-	Sook Road	11 Jul		Hydraulic oil seal US
4.	CAT 12E - grader motorised 12 ft blade	"	97030	"	-	-	Sook Road			
5.	" " " "	"	97031	"	-	-	Sook Road			
6.	FD18 angle dozer with PCU	4	96672	"	-	-	Sook Road			
7.	" " " " Ripper	"	96677	"	-	-	Sook Road			
8.	" " " " Ripper	"	96682	"	-	-	Sook Road	21 Jun		Hydraulic pump cover plate
9.	" " " " Winch	"	96690	"	-	-	Sook Road			
10.	" " " " Winch	"	96771	"	-	-	Sook Road	30 Jul		as above
11.	Oliver FEL/BH	0	96989	"	-	-	Sook Road			
12.	Oliver dozer with ripper	0	96993	"	-	-	Sook Road			
13.	Scraper semi tractor D Pull 7-9 cy		96918	"	-	-	Sook Road			
14.	" " " "		96956	"	-	-	Sook Road			

'C' VEHICLE AND CONSTRUCTION PLANT RETURN

Sheet 2 of 2 sheets

State as at 1 August 1964

Serial No	Designation	Size AUST	WD No AUST	Classification			Location & task	Date VOR	EDC Repair if known	Remarks
				Unit	CE Pool	PWD HIRED				
15.	Scraper semi tractor D Pull 7-9 cy		96967 ✓	Unit	-	-	Sook Road			
16.	Crane shovel wheeled P & H 1/2 cy		96839 ✓	Unit	-	-	Sook Road	27 Jul		
17.	Roller pneumatic tyre multi wheel 4-9 ton		96725 ✓	Unit	-	-	Sook Road			To move to KUANUT
18.	TD18 Angle Dozer with winch	4	96694 ✓	Unit	-	-	KUANUT AIRSTRIP	29 Jul		
19.	OLIVER dozer with ripper	0	96991 ✓	Unit	-	-	KUANUT AIRSTRIP			
20.	OLIVER FB2/HH	0	96987 ✓	Unit	-	-	KUANUT AIRSTRIP			

TELEPHONE



AUSTRALIAN MILITARY FORCES

K 4.
ANNEX ~~Ø~~ No #

Quote in Reply

197-3-8

ADDRESS

7th Field Squadron RAE
Post Office
KENINGAU, SABAH, MALAYSIA
17 Jul 64

HQ Aust Army Force, FARELF
(Attention DAQMG)

FIRE AND OTHER DAMAGE CAUSED DURING
RAIL MOVEMENT JESSELTON-TENOM

1. As requested through Lt Col MARSH attached is a tabulation showing damage sustained to army stores and equipment during movement from JESSELTON to TENOM on SABAH State Railways.

Major
OC 7th Field Squadron RAE

DAMAGED STORES CAUSED EITHER BY FIRE OR TEARING
ON RAILWAY FROM JESSELTON TO TENOM

Veh List: All caused by falling ash.

TENTAGE

Roof end outer 16 ft x 16 ft - Qty 2 - 2 large holes	) caused by falling ash
Roof end outer 16 ft x 16 ft - Qty 1 - 1 small hole	
Roof end outer 16 ft x 16 ft - Qty 2 - Torn	
Roof end outer 14 ft x 14 ft - Qty 1 - Completely US badly torn	
Valises	Qty 5 - Burnt (caused by falling ash)
Valises	Qty 14 - Torn

VEHICLES

Land Rovers

111-910 Numerous small aholes
111-860 Numerous small holes

Trucks 2½ ton GS cargo

170-222 6 small holes
170-228 6 small holes
170-214 17 small holes
170-815 large holes

1 ton trailer

100 563 large and small one

1/2 ton trailer

101 126 small holes

101 149 small holes

CONFIDENTIAL

RAP 7th Field Squadron RAE

HEALTH REPORTPERIOD: 16 Jun 64 to 30 Jun 64 - Main body, KENINGAU

1. Herewith is the overall health report for week ending
64.

EYES	2	Spr CLARKE eye strain, Cpl KELLY infection inside lower eye lid
EARS	1	Spr. PERCIVAL. Tropical ear
THROAT	1	Spr. FITZPATRICK
FRACTURES	Nil	.....
SPRAINS	3	Cpl. RAY. Back. Spr. RANSON. ankle. Spr. STEPHENS ankle
BRUISES	Nil	.....
NERVOUS COMPLAINTS	Nil	.....
SKIN COMPLAINTS		Crutch 1 Body 4 Feet 5
		finea
SKINACCOUSE BOILS, CYSTS		boils 3 Acne 2 Cysts
ATHLETES FOOT	Nil	.....
PLANTER WARTS	Nil	.....
DERMATITIS	Nil	.....
HAEMORRHOIDS		.....
RESPIRATORY INFECTIONS	8	.....
COLDS AND BRONCHITIS	Nil	.....
MALARIA	Nil	.....
BITES AND STINGS	2 - insects	.....
VD	1	.....
INTESTINAL	1	Spr. DAVY. Gastro enteritis
DIARRHOEA	14	.....
VARICOSE VEINS	Nil	.....
INJURIES, LACERATIONS, ABRASIONS, BRUISES AND CUTS		Numerous (Only minor)
ADMISSION TO HOSPITAL		Civilian 4 Army
DISCHARGES FROM HOSPITAL		Civilian 2 Army

CONFIDENTIAL

- 2 -

RESTRICTIONS ISSUED

4

TOTAL PERSONNEL ATTENDING RAP

62 - 111 treatments

2. Comments:

EYES Nil

EARS Nil

THROAT Nil

FRACTURES Nil

Sprains - Caused by sport and falling into holes during night

VD - Picked up in SYDNEY - review and continue treatment

NERVOUS DISORDERS

VD

SKIN Mostly sweat rashes

DERMATITIS

INJURIES 2 in motor accidents rest minor

BRUISES Nil

SPRAINS DIAHORREA. In most cases were constipated for several days on hard rations when moved they had Diahorrea

INFECTIONS Only very minor

SUMMARY

3.

Col
Med Asst 7th Field Squadron RAC

Annex K No 5

KUAMUT
7 Jul 64

HQ 7 Fd Sqn Gp RAE

MED REPORT - KUAMUT DET.

1. Herewith first med report covering period 9 Jun 64 to 5 Jul 64.

2. I concur with this report.

3. COMMENTS

(a) Excellent work by RAP Cpl both on hygiene and attention to casualties.

(b) Spr PERREN - Now under close observation by Med Cpl and myself. Will recommend course of action (if reqd) next report.

(c) SKIN INFECTIONS Now that these two members are at KUAMUT they can receive constant treatment for their complaints, which was not possible during river movement. If no signs of improvement during next ten days, both will be sent to SANDAKAN. Both full duty and no discomfort.

(d) VITAMIN C AND SALT These are available with meals and their use explained to all on parade.

K E PARK
Det OC

Capt

CONFIDENTIAL

- 2 -

RESTRICTIONS ISSUED

Six

TOTAL PERSONNEL ATTENDING RAP

.....
Almost all pers mainly minor
complaints.....

2. Comments:

EYES Both cases were foreign bodies in the eye. These removed. No complications. No infection.

EARS (a) Cpl CRAGGS Discharge from both ears. Cause of ear infection (water) responded and cleared with Chloromycetin
(b) One other case excess wax in ear

THROAT

One case of tonsillitis - now cleared. Penicillin tabs used. Other throat infections. These pers had colds.

FRACTURES

Cpl FADDEN suspect ~~4~~ 3rd finger LEFT hand. Treated as such. Splint and sling worn. AAF D11 has been made out.

NERVOUS DISORDERS

Spr PERREN. One member appears to suffer constantly from nightmares. Screams etc. Gets out of bed. Will have him seen by MO on his arrival here at KUAMUT

VD

Two cases contacted whilst in JESSELTON. Pick-up (professional pro from a hotel)

SKIN Spr RICHARDS. Ailments are numerous. Mainly tinea. Sweat rashes. One bad case of ringworm has been under treatment now over 4 weeks.

DERMATITIS

This case clearing up. Spr HOLLIS. Some of the native workmen employed here at the camp suffer with ringworm tinea. All are treated. Results are good.

INJURIES

Nothing serious has occurred. One axe wound now OK. Safety precautions are emphasised with all hazardous work.

BRUISES

A few cases mainly from sport, nothin serious.

SPRAINS

These cases occurred whilst playing soccer against Malayan Troops. All old injuries. AAF D11 have been made out.

INFECTIONS

One case of sebaceous cysts to back of neck. This is a complaint chronic, also now has severe acne to back. Patient is receiving treatment. Antibiotics used. Results so

SUMMARY

Generally the health of our troops in this area is good. It seems that our troops must supplement their diet by taking an occasional Vit 'C' tab course. Others extra salt is taken. Fresh fruit and vegs made avail in the two days fresh rats out of seven appears inadequate. Water for consumption is good, taken from a re-entry not the river. Morale of troops is satisfactory. Relations with local people is extremely good

Cpl
Med Asst 7th Field Squadron RAE
N FITZGIBBON

Annex K No 5

KUAMUT Det
24 Jul 64

HQ 7 Fd Sqn RAE

MED REPORT - *KUAMUT DET*

1. Herewith third med report covering period 16 Jul 64
to 22 Jul 64.

2. I concur with this report.

3. COMMENTS

(a) Rats. At one stage quite numerous now controlled.

(b) Safety. Again emphasised. Precautions for boat
crews have been read out.

K E PARK
Det Comd

Capt

CONFIDENTIAL

RAP 7th Field Squadron RAB

WEEKLY HEALTH REPORT

PERIOD: 16 Jul 64 to 22 Jul 64

1. Herewith is the overall health report for week ending
64.

EYES	One - cause = insect, infected Cpl ROSS
EARS	One excess wax
THROAT	One
FRACTURES	Nil
SPRAINS	Nil
BRUISES	Nil
NERVOUS COMPLAINTS	Nil
SKIN COMPLAINTS	Crutch Four Feet
	Tinea six
	acne - one Spr PERREN
SKELACCOUSE BOILS, CYSTS	boils Cysts One Spr JARMYN
	Nil
ATHLETES FOOT	Nil
PLANTER WARTS	Nil
DERMATITIS	One Spr OLVER
HAEMORRHOIDS	One Spr BANFALVI
RESPIRATORY INFECTIONS	Nil
COLDS AND BRONCHITIS	Nil
MALARIA	Nil
BITES AND STINGS	Four Cpl ROSS(2) Spr DENNIS, Spr JONES
VD	Nil
INTESTINAL	Heat Exhaustion Nil
	One - Spr SMITH
DIARRHOEA	One Spr WALTERS - old complaint
	Nil
VARICOSE VEINS	Two lacerations requiring sutures
INJURIES, LACERATIONS, ABRASIONS, BRUISES AND CUTS	16 other minor cuts etc
ADMISSION TO HOSPITAL	Civilian One (Spr ROGERS) Army
DISCHARGES FROM HOSPITAL	Civilian Two Cpl FADDEN Army Lcpl BINDLEY

CONFIDENTIAL

- 2 -

RESTRICTIONS ISSUED

.....Six.....

TOTAL PERSONNEL ATTENDING RAP

.....29.....

2. Comments:

EYES Nil

EARS Nil

THROAT Nil

FRACTURES Nil

NERVOUS DISORDERS The two pers who have nightmares and are in tranquillisers are giving less trouble. Will still have them seen by MO on his arrival

YP Nil

SKIN Some of the local natives suffer from ring tinea our own fellows are now also getting it. Laundry is being chlorinated after washing. Natives receiving treatment.

DERMATITIS

Still the one bad case. Spr OLVER, slowly improving

INJURIES Again not enough attention to safety precautions by some individuals fortunately nothing serious has occurred at the airstrip. Pers on the boat trips must take more consideration to prevent heat exhaustion, heat stroke occurring

BRUISES NIL (The wearing of hats is necessary. Adequate rest at arrival of destination. Moderation if taking alcohol. Anti malarial precautions.

SPRAINS NIL

INFECTIONS NIL

SUMMARY

3. Generally the health of the troops is good. Hygiene in kitchen area has needed more attention, improvements to this section is continuing.

N FITZGIBBON

Cpl

Med Asst 7th Field Squadron RAS

CONFIDENTIAL

RAP 7th Field Squadron RAE

WEEKLY HEALTH REPORT

PERIOD: 23 Jul 64 to 30 Jul 64 - KUIAMUT DET

1. Herewith is the overall health report for week ending 64.

EYES	Three
EARS	One
THROAT	Five
FRACTURES	Nil
SPRAINS	Nil
BRUISES	Nil
NERVOUS COMPLAINTS	Two (nightmares) responding to treatment
SKIN COMPLAINTS	Crutch 5 Feet 2
	Finea 6
SNEACCOUSE BOILS, CYSTS	boils Warts one Cysts
ATHLETES FOOT	
PLANTER WARTS	
DERMATITIS	One
HAEMORRHOIDS	
RESPIRATORY INFECTIONS	Three
COLDS AND BRONCHITIS	
MALARIA	Nil
BITES AND STINGS	Two (wasp)
VD	One
INTESTINAL	One Spr C P SMITH - LEPTOSPIROSIS
DIARRHOEA	Indigestion - two
	Nil One chronic (old complaint)
VARICOSE VEINS	Nil
INJURIES, LACERATIONS, ABRASIONS, BRUISES AND CUTS	Numerous - all minor injuries
ADMISSION TO HOSPITAL	Civilian Army Two BMH SINGAPORE
	SMITH
	BANFALVI
DISCHARGES FROM HOSPITAL	Civilian Army

CONFIDENTIAL

- 2 -

RESTRICTIONS ISSUED

Four

TOTAL PERSONNEL ATTENDING RAP

29

2. Comments:

EYES One with foreign body in eye (Spr HUSSEY) metal filings
Removed. No infection - Two other (Styes)

EARS Nil

THROAT Two fellows with tonsillitis - CPM ARMSTRONG, Spr HUSSEY
Bronchial ailment - Spr McKELLAR
Pneumonitis - Spr ROGERS only recently out of hospital
not quite cleared up. Light duty 7 days.

FRACTURES Nil

NERVOUS DISORDERS Spr PERREN, Spr WALKER. Both have
been seen by the MO and are on
treatment.

VD Spr BANFALVI = Condylomata + inguinae

SKIN The number of pers with tinea has declined which incl
the natives employed in the camp. Fewer complaints about
the laundry now that water is changed more often. Some
improvements still needed in kitchen area.

DERMATITIS
Spr OLVER = Tropical ulcer improving slowly

INJURIES Minor ailments (Machette wound on shin) Spr KRIESEL

BRUISES Nil

SPRAINS Nil

INFECTIONS Nil

SUMMARY

3. I believe the presence of a Medical Officer here at KUAMUT
has boosted the morale of the troops as previously there
was a feeling of isolation from medical facilities particularly
when the work was hazardous. Vermin in camp are still
present, but in much reduced numbers.

N FITZGIBBON Cpl
Med Asst 7th Field Squadron RAE

CONFIDENTIAL

Annex K No 5

RAP 7th Field Squadron RAE

WEEKLY HEALTH REPORT

PERIOD: 1 Jul 64 to 31 Jul 64 - Main body, KENNING

1. Herewith is the overall health report for week ending 64.

EYES	7- Cause foreign bodies in eye and eye strain Sgt DHU, Pte JESSEP infections of eyelids, Spr MARLES foreign bodies - Cpl PEACOCK, L cpl CLARKE, Spr DAVY Cfn MOORE eye strain from sun glare
EARS	
THROAT	9 All had colds .. 1 tonsillitis ..
FRACTURES	WO2 BUCKLEY either new fracture or ununited fracture
SPRAINS	3 Spr HIGGINS thumb, Spr MARTINEK back, Spr LEWIS thumb
BRUISES	Nil ..
NERVOUS COMPLAINTS	Spr McPHERSON taking sedatives nordil on doctors orders ..
SKIN COMPLAINTS	Scrub .. 3 .. Body 8 .. Feet 1 .. Tinea .. 10 ..
SKINACCOUSE BOILS, CYSTS	boils 1 .. Cysts .. Nil ..
ATHLETES FOOT	Nil ..
PLANTER WARTS	Nil ..
DERMATITIS	Nil ..
HAEMORRHOIDS	..
RESPIRATORY INFECTIONS	.. 22 ..
COLDS AND BRONCHITIS	..
MALARIA	Nil ..
BITES AND STINGS	1 dog bite (Spr WALLENT) numerous insect bites and stings treated by Section NCO
VD	2 soft sores - 1 NSU
INTESTINAL	2 Spr TRECKETT feed poisoning .. Gastro enteritis - Spr WALKER
DIAHORREA	3 Sgt O'BRIEN, Spr WIDE .. ROSS ..
VARICOSE VEINS	Nil ..
INJURIES, LACERATIONS, ABRASIONS, BRUISES AND CUTS	3 requiring sutures L cpl BIRCH, Spr SHERRY, Spr BOOTH numerous minor scratches
ADMISSION TO HOSPITAL	9 Civilian .. Army ..
DISCHARGES FROM HOSPITAL	8 Civilian .. Army ..

CONFIDENTIAL

- 2 -

RESTRICTIONS ISSUED 7.....

TOTAL PERSONNEL ATTENDING RAP

80 226 treatments.....

2. Comments:

EYES Use of sun glasses by drivers on glary days

EARS Nil

THROAT If patients reported earlier could be checked in the early stages

FRACTURES WO2 BUCKLEY X Ray sent to AUST 1 Camp Hospital for Dr RAY to compare with old X rays waiting advice

NERVOUS DISORDERS Spr McPHERSON under treatment Dr GRAHAM

VP Soft sores cleared after course of Sulpha Drugs
NSU admitted to hospital for treatment

SKIN Mostly sweat rashes and tinia in most cases not reported until it has a firm hold it then takes longer to clear up.

DERMATITIS

INJURIES By use of common sense and adhering to safety rules a lot of injuries both minor and major can be avoided.

BRUISES Nil

SPRAINS Only minor sprains reported to date.

INFECTIONS Occasional local infection mainly caused by neglect of minor cuts and abrasions

SUMMARY Respiratory Complaints - Very bad district for these diseases. Vitamin tabs ordered to try and build up resistance to these diseases.

3.

Health of troops reasonably good most man hours lost through respiratory complaints and accidents. Hygiene - Difficulty keeping repulsive odors down with disinfectants drainage from showers leave much to be desired especially OR. Many high fevers could be avoided by patients reporting to RAP earlier

Opl
A B TURNBULL
Med Asst 7th Field Squadron RAE