4/14/3/2

AUSTRALIAN WAR MEMORIAL
ACCESS STATUS
OPEN

AUGUST TO
OCTOBER 1942

ORIGINAL

ANTI AIRCRAFT DEFENCES
N.S.W. AREA

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

SECRET

WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required).

Army Form C. 2118 (adapted)

H. 100M 2/42

Unit H.Q. A.A. DEFENCES N.S.W. L OF C AREA.

Date and Time.—From 1 Aug 42. To 4 Aug 42.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
SYDNEY	August 1	0930	Comd, Maj Robinson and Maj Smith return from Melbourne.	
	2		Capt Woodward receives signal from L.H.Q. stating he is promoted to T/Maj and will report to L.H.Q. forthwith as D.D.M.T. (Air Support).	
	3		Lt-Col Shrimpton calls at H.Q. on instructions from Comd to discuss recruiting of A.W.A.S. Personnel for Darwin report to D.D.D. at Ingleburn Camp. Gnr Blight's statement on the conversation overheard in a Sydney Restaurant on night 1/2 Aug is reported to I(b) N.S.W. L of C Area.	
	4		Comd and Capt Whitelaw to Ingleburn to inspect men at D.D.D. about to move to Darwin to relieve 14 Aust Hy A.A. Bty. Comd and Capt Whitelaw visit Lt-Col Hendry (C.O. L.H.Q. School of A.A. Arty) at 113 A.G.H. Capt Vincent (221 Bty) calls on Maj Robinson. Maj Robinson inspects recently constructed gun emplacements on Harbour Bridge Pylons. Found impossible to take guns up centre of pylon, they will have to be lifted by block and tackle outside the pylons.	

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Army Form C. 2118 (adapted.)

H. 100M 2/42

Unit H.Q. A.A. DEFENCES N.S.W. L OF C AREA.

Date and Time.—From 5 Aug 42 To 7 Aug 42.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
SYDNEY	5		The following message (LHQ G36491 of 31 Jul) is received from N.S.W. L of Area: "Cases are still occurring of aircraft flying over prohibited and restricted areas in a manner contrary to A.C.D. 154. A.A. Defences are in future opening fire on such aircraft." Comd confers with A.O.C. Eastern Area, who is in agreement with this policy. An instruction is issued to Groups stating that as from 1200 hrs Thurs, 6 Aug 42, no 'plane may enter the restricted or prohibited area except in circumstances as laid down in A.C.D. 154. The responsibility for engaging will rest with G.O.R.	
	6	0720	A Boston is patrolling the Harbour and G.O.R. report that an unidentified object crossed the line outside Sydney Harbour early this morning.	
		0900	Capt Hudson to Lithgow.	
		0915	Boston goes off patrol.	
		0930	Fighter Sector advise it is still thought there is a submarine in the Harbour.	
	7		Lt-Col Dalton calls at H.Q.	
		1355	A D.C. 2 flying south from Newcastle is engaged by H.10. Two rounds fired at fuze 8 with deflection on. The aircraft was flying east of the lane and at a height of 4000 ft. No warning	

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(adapted.)

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H. 100M 2/42

Unit H.Q. A.A. DEFENCES N.S.W. L OF C AREA.

Date and Time.—From 7 Aug 42. To 8 Aug 42.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
SYDNEY	7		was received at G.O.R. of the aircraft's movement .	
		1400	Comd and Capt Whitelaw return from Newcastle where they: (1) Chose sites for two gun stations for the defence of Williamtown Aerodrome. (2) Inspected Merewether station and found progress satisfactory. (3) Called on Mayor and discussed recruiting of A.W.A.S., also contacted Capt Stella Swinney (A.W.A.S.) who was up there on a recruiting campaign. (4) Met Lt-Col Hope and Maj Godsall who are forming C.T.C. or Joint Overseas Operational Tng School at Port Stephens. Comd discussed using a Lt A A Bty in support of opposed landings and discussed training of A.A. Officers there.	
		1642	Bofors Gun on Bradley's Head opens up on Flying Fortress out of lane. 2 rounds fired - no damage.	
			S/L exercise is conducted at Richmond Aerodrome. Report thereon from O.C. 221 Aust Lt A.A. Bty is attached at Appendix.	Appendix. /
	8		Lt-Col England, Maj Burrowes and Maj Bootle call at H.Q.	

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Army Form C. 2118 (adapted).

H. 100M 2/42

Unit H.Q. A.A. DEFENCES N.S.W. L OF C AREA. Date and Time.—From 9 Aug 42. To 10 Aug 42.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
SYDNEY	9	0900	Lieut Black receives instructions from Maj Richards (A.A.G. (O)) N.S.W. L of C Area, re details of O.R's required for Port Moresby and Cape York A.A. Defences. For details see letter at Appendix.	Appendix. 2
			A conference of Group Comds is called for 1500 hrs today to discuss above.	
		1127	Bofors at Bradley's Head fire three rounds at Dornier Flying Boat on test flight from Rose Bay. Movement of the aircraft was passed to gun stations from G.O.R. The firing on this aircraft does not appear justified.	
		1200	9 and 25 Aust Hy A.A. Btys and 221 Aust Lt A.A. Bty come under Comd Sydney A.A. Group. 222 Aust Lt A.A. Bty comes under Comd Newcastle A.A. Group.	
		1500	Conference held to make arrangements for 1st priority group ~~of Bty H.Q. (32 Aust Hy A.A. Bty) and 3 gun stations to go to~~ Port Moresby. All to be supplied by Sydney Group. Maj Perry to be O.C.	
	10		Lieut Mosley attends School of Arty Bofors Shoot at North Head.	
			Arrangements are made with Eastern Area for Kembla A.A. Defences to have night co-operation each Tuesday night commencing tomorrow night. Day co-operation on Thursdays to ~~continue as at present.~~	
			Regulations for Control of Aircraft (see entry 5 Aug.) An amendment to this instruction is issued to Groups stating that weapons of calibre of 40 m.m. and less will not open fire	

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WAR DIARY or INTELLIGENCE SUMMARY

Army Form C. 2118 (adapted.)

H.Q. A.A. DEFENCES (Erase heading not required).

H. 100M 2/42 Unit N.S.W. L OF C AREA. Date and Time.—From 10 Aug 42. To 13 Aug 42.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
SYDNEY	10		unless the aircraft has committed a hostile act.	
	11	1015	Comd and Lt-Col Long report to Maj-Gen Fewtrell on question of theft of petrol from this H.Q. Gen Fewtrell will institute a Court of Inquiry as the evidence shows that a Sgt was involved.	
			Brig Lucas D.E. in C L.H.Q. called. Inspected S/L's at Nielsen Park and Moore Park, also S.C.H.	
	12		Maj Foxall and Capt Young held Court of Inquiry at A.A. Defences on theft of petrol.	
			32 Aust Hy A.A. Bty concentrate at Ingleburn Camp.	
			3-in 20 cwt. guns at Ft. Denison and Bradley's Head go out of action owing to shortage of personnel.	
			Lieut Ludowici and Gnr Leask are transferred to 32 Aust Hy A.A. Bty.	
		1030	H.10 (North Head) open fire on a B.17 flying from Mascot to Mareeba. One round is fired in front and below the aircraft as it was flying 2 miles east of the lane.	
	13	0700	Maj-Gen Fewtrell rang to advise C in C would inspect Fighter Sector and G.O.R. at 1030 hrs today. A.A.D.C. Sydney and Fighter Sector advised.	
		1030	Comd to G.O.R. for inspection thereof with Gen Blamey and Gen Fewtrell and others.	

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Army Form C. 2118 (adapted)

H. 100M 2/42

Unit H.Q. A.A. DEFENCES N.S.W. L OF C AREA. Date and Time.—From 13 Aug 42 To 16 Aug 42.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
SYDNEY	13		Lieut Buckingham (2/1 Aust Lt A.A. Regt) calls at H.Q. to inquire on various matters.	
		1100	Message received from S/L location at Spit Bridge that man in army uniform had taken photographs from taxi No. T.664. Reported to Cpl Moodie (Ib) at V.B.	
	14		Comd to Kembla with Lt-Col Gibson, A.A.D.C. Darwin, for inspection of defences and siting of new 3.7" gun station. The site was chosen at (W'gong 1-in to 1-m) 872453.	
			Lieut Mosley discusses recruiting of A.W.A.S. for A.A. stations with Maj Irwin (P.R.) and Capt Swinney (A.W.A.S.). Dept of Inf. advise general recruiting campaign is off owing to estimated cost - 5/- a head. Arranged that we will run own local campaign in Sydney. Time of commencement to be discussed with Maj Manning (A.W.A.S.) on her return from Melbourne tomorrow.	
			Administrative H.Q. Sydney A.A. Group closed at George's Heights and re-opened at Kensington Golf Links.	
	15		Capt Whitelaw returns from L.H.Q. Reports having ordered and 12 Height Computors shipped and on the way.	
			H.10 (Sydney) fires one round at a D.C. 3 which was flying out of the lane.	
	16		Sunday.	

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Army Form C. 2118
(adapted.)

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H. 100M 2/42

Unit H.Q. A.A. DEFENCES N.S.W. L OF C AREA.

Date and Time.—From 17 Aug 42. To 18 Aug 42.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
SYDNEY	17		Capt Barton returns from L.H.Q.	
			Establishments are received for Lt A.A Bty (Semi-Static) (VI/13R/1) and Lt A.A. Troop (VI/13S/1).	
			Lt-Col Long calls and discusses postings of officers to 103 Aust Hy A.A. Regt.	
			Capt Mosley discusses A.W.A.S. recruiting campaign with Maj Manning (A.W.A.S.) and Maj Irwin (Pub Relations). Campaign to commence with Press tomorrow.	
			3 Mk.II G.L's arrive on "Gloucester".	
			Capt Black leaves for Melbourne.	
		2130	Report received from I.O. Sydney Group concerning suspicious behaviour of Car No. C.S. 366 near Moore Park Gun Station.	
	18	0900	Report re suspicious behaviour of Car No. C.S. 366 passed to N.S.W. L of C Area.	
			Sgts Silcock and are interviewed by Comd re their posting to 32 Bty.	
		0930	Lt-Col Hammer arrives en route to Brisbane.	
		2100	Capt Barton leaves for Adv L.H.Q. Brisbane.	
			Comd to 1 Div H.Q.	

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WAR DIARY or INTELLIGENCE SUMMARY

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Army Form C. 2118 (adapted)

H. 100M 2/42

Unit H.Q. A.A. DEFENCES N.S.W. L OF C AREA. Date and Time.—From 18 Aug 42. To 19 Aug 42.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
SYDNEY	18		A complaint is received from the Civil Aviation Dept through an inspector (Mr. Horder) stationed at Middle Head that G.L. Mk.II equipment at Rose Bay is interfering with certain directional aircraft apparatus. F.C.I. conferred with technical personnel and requested Mr. Horder to send representative along for investigation. Seriousness of interference warrants immediate clearing up. Discussion difficult owing to secrecy of equipment.	
			Maj Smith attends Signals conference called by C.S.O. N.S.W. L of C Area on choice of suitableplace for Fighter Sector and G.O.R. See report thereon attached. Maj-Gen Fewtrell to call another conference tomorrow.	Appendix. 3
	19	1000	Comd and Maj Smith attend conference at H.Q. N.S.W. L of C Area at which it is decided to move temporary Fighter Sector and G.O.R. to B.M.A. Building 133 Macquarie St. Sydney.	
			F.C.I. (at request of Ordnance) supervised unloading of 3 G.L. Sets from "Gloucester" at Pyrmont Docks. Ordnance moved equipments to Rose Bay Gun station for testing. "Tongariro" berthed at Walls Bay and is proceeding to discharge her cargo which includes 3 G.L. Sets (Mk.II).	
			Inspectors from Civil Aviation Dept (Messrs. Horder and Buston) visited G.L. at Rose Bay with F.C.I. to investigate interference of Mk.II G.L. with aircraft directional finding apparatus. S/Sgt Middleton of A.A.O.C. (attached to Station at Rose Bay) to continue tests.	
		2100	Capt Mosley leaves for Melbourne.	

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Army Form C. 2118 (adapted)

H. 100M 2/42

Unit H.Q. A.A. DEFENCES N.S.W. L OF C AREA.

Date and Time.—From 20 Aug 42 To 21 Aug 42.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
SYDNEY	20		Test on Mk.II G.L. - Angle of Sight apparatus on Mk.II G.L. at Rose Bay tested and checked. To make these adjustments, which should be carried out each time G.L. equipment is moved between sites, it was necessary to borrow a field oscillator from L.H.Q. School of Radio-Physics. It is recommended that a field oscillator should be made standard equipment for each set or at least that one should be provided for each A.A. Group.	
			F.C.I. interviewed personnel from Sydney A.A. Group for No.1 Course for F.C. Operators and No.7 Course for F.C.I's.	
			Comd. visited Sydney A.A. Group with Lt-Col Hammer.	
			Comd inspected 40 m.m. Bofors on Pylon of Sydney Harbour Bridge.	
			Amend No 2 to Location Statement-01142-q is issued	appx. 4
	21		F.C.I. visited Newcastle A.A. Group to interview personnel for training as G.L. Operators (No.1 Course for F.C. Operators) and applicants for School of Radiophysics No.7 Course for F.C.I's).	
			Comd and Maj Smith confer with Col Tinkler on new G.O.R. for Sydney.	
			Capt Mosley returns from Melbourne and reports as follows:	
			(1) 103 Aust Hy A.A. Regt is to be raised by Second Aust Army in N.S.W. This Regt is to be formed from 33 and 45 Aust Inf Bns which are to be disbanded on 31 Aug.	
			(2) One Lt A.A. Bty from N.S.W. to move to Mareeba not before 31 Aug.	

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Army Form C. 2118 (adapted,)

H. 100M 2/42

Unit H.Q. A.A. DEFENCES N.S.W. L OF C AREA.

Date and Time.—From 21 Aug 42. To 24 Aug 42.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
SYDNEY	21		(3) 108 Aust Lt A.A. Regt is to be formed from 48 Aust Inf Bn which is to be disbanded on 31 Aug.	
	22		F.C.I. visited Kembla A.A. Group to interview personnel for training as G.L. Operators (No.1 Course for F.C. Operators) and applications for School of Radiophysics No.7 Course for F.C.I's.	
	23		F.C.I. completes selection for No.7 Course (F.C.I.) and No.1 F.C. Operators Course. Acting F.C.I's are appointed to Groups as follows: Sydney Group: Sgt Wheatley A.G. Newcastle Group: S/Sgt Milne F.M. Kembla Group: Sgt Colledge S.	
	24		Sydney South Zone Wkshop (52 AA S/L Ord Wkshop Sec) commence operation.	
			New W.E. for mobile Lt A.A. Bty III/72A/1 is received. 110 and 111 Aust Lt A.A. Regts will change over to this W.E. and 108 Aust Lt A.A. Regt will be raised on it.	
			Lt-Col Long calls and confers with Comd re raising of 103 Aust Hy A.A. Regt.	
			Comd and Lt-Col Long confer with Brig St. Clair (B.R.A. Second Army) re formation of 103 Regt.	
			Signal is received from L.H.Q. stating one Lt A.A. Bty from N.S.W. L of C Area, with Sigs and Wkshop dets. will move earliest possible to MAREEBA to relieve 224 Aust Lt A.A. Bty.	Appendix. 5

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

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Army Form C. 2118
(adapted)

WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required).

H. 100M 2/42

Unit H.Q. A.A. DEFENCES N.S.W. L OF C AREA.

Date and Time.—From 24 Aug 42. To 26 Aug 42

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
SYDNEY	24		40 m.m. Bofors is moved from JUNO POINT (HAWKESBURY RIVER) as 18 pdr now in position there. Det. of 110 Regt take over from 111 Regt at Southern end of Hawkesbury River Railway Bridge.	
	25	0930	Lieut Bedford (L.H.Q.) arrives to confer on G.O.R. procedure.	
		1100	Comd confers with Maj-Gen Fewtrell on new G.O.R. in Rugby Club Building, Elizabeth St. SYDNEY.	
			Capt Mosley phones Capt Dimsey (G Tng N.S.W. L of C Area) and is informed there is no need to report moves of units formed in this area to move north.	
			M.G.R.A. advises Maj Whitelaw that a second Bty from N.S.W. L of C Area will be required to move north shortly.	
			Lt-Col Moore and Maj Bootle discuss posting of officers with Comd - Maj English to be O.C. 35 Aust Hy A.A. Bty to move to Cape York shortly.	
			Lt-Col England calls.	
			Padre Shepherd (2/2 Aust Hy A.A. Regt) calls en route from Brisbane to Tasmania.	
	26		Lt-Col Dalton and Maj Bowen call on Comd.	
			~~Amendment No.3 to Location Statement is issued.~~	

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WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required).

Army Form C. 2118 (adapted).

H. 100M 2/42

Unit H.Q. A.A. DEFENCES N.S.W. L OF C AREA.

Date and Time.—From 26 Aug 42. To 28 Aug 42.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
SYDNEY	26		Lt-Col McKewin (C.O. 48 Aust Inf Bn) is interviewed by Comd. This Bn is to be disbanded to form 108 Aust Lt A.A. Regt and subject to approval by L.H.Q. Lt-Col McKewin is to command temporarily.	
			Capt Mosley confers with Maj Richards re taking over 48 Bn as 108 A.A. Regt. This Regt to come under Command at 2400 hrs today and for the time being to remain at Ingleburn. Amend No 3 to Location Statement 01429 is issued	appx. b
	27		Capt Black returns to H.Q.	
			Lt-Col Long and Maj Whitelaw confer with Maj Richards re location for 105 Hy A.A. Regt.	
			Capt Bedford inspects G.O.R. and Fighter Sector.	
			Capt Taylor calls.	
			Dr. Martin (Chairman Operations Research Gp) and Lieut Brown (O.R.G.) call and discuss with Comd possibility of fuze calibration by G.L. observations. It was decided to carry out a test at Rose Bay on Sep 1.	
	28.		I.F.C. carries out tests with Messrs. Able and Christie of Radio Inspection Branch on G.L. Mk.II equipment at Rose Bay in conjunction with transceiver equipment used by civil aircraft. No practical means of obviating the interference caused by the G.L. was found and it was decided to refer the matter to Capt Moore (O.M.E. - R.D.F.) See report at Appendix.	Appendix. 67

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WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required).

Army Form C. 2118 (adapted).

H. 100M 2/42

Unit H.Q. A.A. DEFENCES N.S.W. L OF C AREA. Date and Time.—From 28 Aug 42. To 31 Aug 42.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
SYDNEY	28		Maj Ford (2 i/c 2/2 Aust Hy A.A. Regt) calls at H.Q. en route to Melbourne on leave from Brisbane.	
			~~Lt-Col Long and Maj Whitelaw visit 48 Bn at Loftus.~~ It is decided to concentrate 103 Aust Hy A.A. Regt there. The 2 i/c Bn is to be 2 i/c 103 Regt.	
			Capt Fletcher (G.S.O. III A.A. L.H.Q.) arrives from Melbourne to confer on various matters.	
			Members of the staff attend School of A.A. Arty Shoot (3.7") at North Head.	
			I.F.C. discusses with Lieut Burrowes (O.C. G.O.R. Sydney) a barrage sector plan in relation to future disposition of G.L. equipment. Decided to submit the plan to A.A.D.C. Sydney for approval.	
	29		Comd and Capt Bedford confer with Maj-Gen Fewtrell on location of G.O.R.	
	30		Sunday.	
	31	0900	Comd ~~visits~~ meets M.G.R.A. at Central Station and confers with him on various points.	
			Various members of staff attend 40 m.m. Bofors Shoot at North Head.	
			S.L.C. moves from Moore Park to Rose Bay for tests at Fuze Calibration Shoot tomorrow.	
			AAF 3008's and 3009's are attached.	appx. 8
			G.L. instructions for the month are attached. R Moseley Capt —Bln.	appx. 9

A.A. Defence H.Q. N.S.W. L of C Area

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APPENDIX 1

W A R D I A R Y.

A.A. DEFENCE H.Q.
N.S.W. L OF C AREA

August 1942.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

221 Aust Lt. A.A. Battery,

Australia.

8 Aug. 42.

REPORT ON AIR-SEARCHLIGHT CO-OPERATION.

7 AUGUST 42.

A second Air-Searchlight Co-operation exercise was carried out at Richmond on the night of 7 Aug. 42.

On this occasion Searchlight used a more widely dispersed beam which had the following results.

(a) The plane was not picked up until it reached a position where bombs could have been dropped on dispersal areas.

(b) When picked up, the plane was easier to observe in the dispersed beams than in the concentrated beams.

(c) The dispersed beams illuminated the ground. As an example from where I was standing I could recognise a parked aircraft as a Boston Bomber.

The plane co-operating was a Lockheed Hudson flying at about 1,000 feet.

I was again observing from a gun on predictor control. On only one run was the crew able to engage the target before it reached the crossing point. It would have been possible to engage before the crossing point on most runs on F.A.S. provided the muzzle flash difficulties could be overcome.

Predictor numbers 2 and 3 apparently experienced some difficulty in picking up the target at the beginning of the run, but had no difficulty in holding it.

The target on this occasion was flying lower than 22 July and consequently the time of possible engagement was shorter, averaging about 12 seconds.

With regard to F.A.S., it is suggested that layers could be issued with glasses similar to those issued to D.R's but with dark lenses. These would, probably, eliminate muzzle flash.

(Sgd) George R. Vincent (Capt.)
O.C. 221 Aust Lt. A.A. Battery.

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APPENDIX 2.

W A R D I A R Y

A.A. DEFENCE H.Q.
N.S.W. L OF C AREA

August 1942.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

COPY.

SECRET.

AUSTRALIAN MILITARY FORCES

S/18/1/3247.

HQ, NSW L of C Area.
Victoria Barracks,
PADDINGTON.
9 Aug. 42.

AAG(O) EK/MW.
8399.

A.A.D.C.

RAISING OF UNITS - A.M.F.

1. Approval is given to raise the undermentioned Units to W.E. forthwith:-

1st Priority.

HQ 32 AA Bty,	W.E. VI/13D/2	- 4 Offrs, 22 ORs, Total 26.
435 Hy AA Gun Station (Type "A")	W.E. VI/13G/1	- 3 Offrs, 119 ORs, Total 122.
436 " " " " " " "		- 3 Offrs, 119 ORs, Total 122.
437 " " " " " " "		- 3 Offrs, 119 ORs, Total 122.

2nd Priority.

438 Hy AA Gun Station (Type "A")	W.E. VI/13G/1	- 3 Offrs, 119 ORs, Total 122.
439 " " " " " " "		- 3 Offrs, 119 ORs, Total 122.
HQ 35 AA Bty,	W.E. VI/13D/2	- 4 Offrs, 22 ORs, Total 26.
444 Hy AA Gun Station (Type "A")	W.E. VI/13G/1	- 3 Offrs, 119 ORs, Total 122.
445 " " " " " " "		- 3 Offrs, 119 ORs, Total 122.

2. Trained personnel for the raising of the above Units will, where necessary be transferred from existing AA Units and will be replaced by recruits.

3. NSW L of C Area Records will as a first priority make available such personnel as are required to implement the above Instruction either from (a) DPI personnel from Tng Units; (b) personnel of a lower DP rating as replacements in the AA Units from which trained personnel are withdrawn.

4. In the event of personnel of a low DP Rating being drafted to existing AAUnits as replacements, every endeavour will be made by the Units concerned to ensure that such personnel are given the best training possible providing for the maximum efficiency in the shortest possible time.

5. First priority Units will be held ready for movement not before 14/8/42.

6. Second priority Units will not be required for movement not before 5/9/42.

(Sd) J.W. Richards, Maj.
for COLONEL I/C ADMINISTRATION
HQ NSW L OF C AREA.

G A(4) Q
ADST NSW L of C Area Accounts Office
DDOS NSW L of C Area Records Office.
DDMS HQ NSW L of C Area Tng Depots.

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COMBINED F.S.H.Q. & G.O.R. SYDNEY.

Signal Officer in Chief.

Report on conference held at 1430 hours on 18th August, 1942, at C.S.O's office, N.S.W. L. of C Area.

Present:

Major Anderson LHQ
Major O'Brien
Major Smith
Major Ellis
Squadron Leader Rose
Pilot Officer Sollieux (Works Officer RAAF)
Mr. Greenhalgh - P.M.G's Department.
Lt. Turnbull - P.M.G's Department.

I informed members that conference had been called to choose a possible new location for the combined F.S.H.Q. and G.O.R. such site to be of sufficient size to accomodate all interested services and to be readily served by telephone communications.

Squadron Leader Rose informed the conference that he had received a signal this morning instructing him to contact the P.M.G's. Department, the Army, and to proceed to the Bankstown Area to select a site for the new combined F.S.H.Q. and G.O.R.

Mr. Greenhalgh, P.M.G's. Department, informed the conference that only 80 pairs are available in the cable between Ashfield and Bankstown. Between Ashfield and the City no space is available in the junction cable and at the present time P.M.G's. Department were routing services via Drummoyne Exchange to the City in 10 pound cable. Mr. Greenhalgh also stated that to provide adequate and alternate routes from the City to Bankstown to cater for F.S.H.Q. and G.O.R. would require a minimum time of 3 months and that this time could quite conceivably stretch out to 5 months. He also stated that transmission problems would be met due to the long lengths of cable which would be involved with the establishment of F.S.H.Q. and G.O.R. at Bankstown. Pilot Officer Sollieux stated that to date a permanent site for the combined erection of the building underground would take at least 3 months. In the general discussion Squadron Leader Rose advised me that his wireless from the tunnel was working satisfactorily and that in his opinion the desire of the R.A.A.F. to move was dictated by the lack of space in the tunnel rather than by the deficiencies of his wireless communications. He mentioned that at the present time he had established transmitters at Willoughby and was using remote control for both his transmitters and receivers. Mr. Turnbull P.M.G. Equipment Engineer, stated that the duplication of necessary signal equipment for the G.O.R. would take 6 weeks providing certain items could be made available. It appeared from the general discussion that the difficulty he would experience would be due to the shortage of indicators. He also pointed out that in his opinion amplifying equipment would be required for the transmission lines from the proposed G.O.R. Bankstown to gun stations.

Major Smith, 1 A.A. Bde. Sigs informed the meeting that he had examined the basement of the Astor Building, Macquarie St., and in his opinion this basement is unsuitable for combined F.S.H.Q. and G.O.R. due to the fact that the pillars are closely placed and do not permit sufficient room for the plotting tables and observation. Major Smith suggested the basement of the T. & G. Building would be suitable for a temporary combined F.S.H.Q. and G.O.R. Mr. Greenhalgh stated that adequate cable pairs could be provided at that point within 2 weeks. Mr. Turnbull, Equipment Engineer, stated that the transfer of the equipment

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

from gun operations room could be effected within 2 days and that service could be maintained at the existing G.O.R. during the change over. Pilot Officer Sollieux stated that in his opinion structural alterations could be carried out in 4 weeks to provide the requirements for temporary F.S.H.Q. and G.O.R.

At this stage of the meeting Squadron Leader Rose was called to the telephone and on his return informed the conference that he had been instructed by Wing Commander Biggars to arrange the immediate transfer of Fighter Sector H.Q., from the tunnel to Bankstown, and that Army were going to provide liaison officers at F.S.H.Q. which is to be established temporarily at the Capitol Theatre, Bankstown.

In view of the instructions received by Squadron Leader Rose to proceed forthwith with the transfer of F.S.H.Q. to the Capitol Theatre, Bankstown, the matter requires immediate decision by the Army as to what action it intends to take.

Major.
G.11 Fortress & A.A. Comms.

18 Aug 42.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

APPENDIX 4.

WAR DIARY

A.A. DEFENCE H.Q.
N.S.W. L OF C AREA

August 1942.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

SECRET.

SECRET

War Diary 4

A.A. DEFENCES N.S.W. L. OF C. AREA.

01971

LOCATION STATEMENT 01429

COPY NO 20

AMENDMENT NO.2

(Including Amends to 0900 hrs 19/8/42).

Serial No. 4	Delete all detail against this Serial and insert:	
	Coln "A"	"H.Q. Sydney A.A. Gp." Postal Address: C/- Rosebery P.O. via Mascot"
	Coln "D"	"Lt-Col C.E. Long - A.A.D.C."
	Coln "E"	"FX1173."
	Coln "F"	"Kensington Golf Links Club House."
	Coln "G"	"Sydney."
	Coln "H"	215098
Serial No. 5	Delete all detail against this Serial.	
Serial No. 6	Coln "D"	Delete "Lieut F.B. Thomas" and insert "Lieut B.F. Dimmock."
	Coln "E"	Delete "FM1037" and insert "BW6966"
	Coln "F"	Delete "8 Drumalbyn Rd., Bellevue Hill" and insert "129 Macquarie St., Sydney."
Serial No. 7	Coln "D"	Delete "Lieut" and insert "Capt"
Serial No.15	Coln "D"	Delete "Maj W.L. Perry" and insert "Lieut F.V. Thompson"
Serial No.17	Coln "B"	Delete "62"
	Coln "C"	Delete "(G.L. Set)"
	Coln "N"	Delete "1"
Serial No.29	Coln "A"	Delete "C/- F.P.O. George's Heights" and insert "C/- Rosebery P.O. via Mascot"
	Coln "E"	Delete "XM3008" and insert "FX1173"
	Coln "F"	Delete "George's Heights" and insert "Kensington Golf Links Club House"
	Coln "H"	Insert "215098"
Serial No.61	Coln "D"	Delete "Maj" and insert "Lt-Col"
Serial No.101	Coln "D"	Delete "Maj" and insert "Lt-Col"
Serial No.133	Coln "D"	Delete "Capt W.G. Thomas" and insert "Capt A.N. Davey"
Serial No.147	Coln "D"	Delete "Lieut J.S. Moysey" and insert "Lieut A.F. Jorgenson"
	Coln "H"	Delete "978095" and "1" in Coln "K" opposite.
Insert Serial 147(a)	Coln "B"	L6
	Coln "F"	Sydney Harbour Br
	Coln "G"	Sydney
	Coln "H"	205179
	Coln "K"	"1"

(Over)

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

Equipment Totals	Coln "N"	Delete "2" and insert "1"
Serials 133-139 & 145-147 (a)		Delete these from Ungrouped A.A. Artillery and insert under Sydney A.A. Group below Serial No.28. Then re-number all Serials from 28 onwards.

NOTE: All P.M.G. telephones to Hy A.A. Gun Sites have been temporarily disconnected.

ACKNOWLEDGE.

for L.T. Bailey Capt.
(P.T. WHITELAW) Capt.
B.M. H.Q. A.A. DEFENCES
N.S.W. L OF C AREA.

Distribution:-

As for Amendment No.1

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

5

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CI.842

CIPHER SECRET

TO MILBASE SYDNEY

FROM LHQ MELBOURNE SD.42401 DATE 23

MOST SECRET STOP TO BE DECODED BY AN OFFICER ONLY STOP WARNING ORDER STOP 1ST STOP ONE BTY RAISED BY 112 AUST LIGHT A.A. REGIMENT + SIGNAL DETACHMENT AND WORKSHOP DETACHMENT TO BE SELECTED BY MILBASE MELBOURNE WILL MOVE EARLIEST POSSIBLE TO CAIRNS TO RELIEVE 223 AUST LIGHT A.A. BTY STOP 2 ND STOP ONE LIGHT A.A. BTY SIGNAL DETACHMENT AND WORKSHOP DETACHMENT FROM NSW L OF C AREA TO BE SELECTED BY MILBASE SYDNEY WILL MOVE EARLIEST POSSIBLE TO MAREEBA TO RELIEVE 224 AUST LIGHT A.A. BTY STOP 3RD STOP UNITS REFERRED ABOVE WILL MOVE FULLY EQUIPPED STOP MOVES TO BE MADE UNDER INSTRUCTION "Q" MOVEMENT LHQ STOP 4TH STOP 223 AND 224 AUST LIGHT A.A. BTYS EACH WITH SIGNAL AND WORKSHOP DETACHMENTS WILL UPON RELIEF MOVE TO MORESBY AND FALL (Lwer.) RESPECTIVELY UNDER INSTRUCTION LAND OPERATIONS 5TH STOP UNIT WILL MOVE FULLY EQUIPPED STOP DEFICIENCIES IN PERSONNEL AND EQUIPMENT WILL BE REPLACED UNDER ARRANGEMENTS LAND OPERATIONS STOP INABILITIES TO BE ADVISED THIS HQ EARLIEST POSSIBLE STOP ALL INFORMED

LHQ MELBOURNE

(ADDSD: LANDOPS BRISBANE, 1ST AUST ARMY, TOWNSVILLE, 2 AUST ARMY MILBASE SYDNEY AND MELBOURNE)

A✓ NSW 157 Bty.

G.O.C. COL I/C A

Q G

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

SECRET

COPY NO. 20

02141

6

A.A. DEFENCES N.S.W. L. OF C. AREA

LOCATION STATEMENT - 01429

AMENDMENT NO. 3.

(Including Amendments to 0900 hours 26/8/42)

Serial No. 4	Coln "D"	Delete "Lt-Col C.E. Long and insert "Lt-Col P.L. Moore."		
" No.39	" "H"	" "205179" and insert "215179"		
" " 40	" "D"	" "Capt." and insert "Maj."		
" " 41	" "D"	" "Capt." and insert "Maj."		
" " 55	" "D"	" "Lieut" and insert "Capt."		
" " 64	" "D"	" "Capt." and insert "Maj."		
" " 90	" "D"	" "Capt." and insert "Maj."		
" " 117	" "E"	Insert "P.K. 388"		
" " 125	" "D"	Delete "Capt. R.J. Thomson" and insert "Maj. R.J. Thompson."		
" " 126	" "D"	" "Lieut" and insert "Capt."		
" " 148	" "H"	" "263519" and insert "236556".		
" " 151	Delete all details opposite this serial.			
Equipment Totals	Coln "K"	Delete "33" and insert "32"		
	" "M"	" "121" and insert "120"		

Acknowledge.

for R.L. Whitelaw Capt.
(F.T. WHITELAW) MAJOR.
B.M. H.Q. A.A.D.,
N.S.W. L. OF C. AREA.

26/8/42.

Distribution
As for Amend. No. 1.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

MOST SECRET

01710

A.A.D., H.Q.
N.S.W. L. OF C. AREA
4th Aug. 42.

9

11

T.I.O./GL/No. 5 - 4 AUGUST 42.

SUBJECT: G.L. DRILL MK11 ORIENTATION OF TRANSMITTER.

The following paras are a guide when orienting the transmitter and for checking dials.

It is pointed out that the markings required should be made as accurate as possible, and should be done under supervision of I's F.C. and T.I's.

Make a mark on the side of the Transmitter cabin on the opposite side from the aerial framework, and 4'6" from the centre of the cabin;(note - to find centre; drop a plumb line from centre of upper dipole. Mark to be on the end nearest to short ladder) raise the blind over the cabin window behind the Transmitter, and rotate the cabin so that the centre of the Receiver may be seen through the middle of the 3" holes in the front and back panels of the Oscillator Anode Circuit Compartment.

Switch on the Receiver switches 50V ALL ACCE'S and ACCE Switch B. Rotate the Receiver so that the mark on the Transmitter cabin is seen in the centre of the sighting telescope.

To obtain lining up from the Transmitter to Receiver more accurately, the following marks should be made on the instruments:-

1. A vertical white strip 1" wide should be painted on the aerial side of the outside of the Receiver cabin. If projected upwards this line should pass through the centre of the upper and lower elevation dipoles. Length 5 feet.

2. A vertical wire to be placed on the Oscillator stage window (nearest the No. 3 Operator).

3. A vertical white line to be painted on the Transmitter cabin window (opposite Aerial Site). This should be as thin as possible, but still easily visible from the No. 3 position on the Traversing colom. This line should be centrally placed, in respect to the cabin, so that, if projected upwards, it would pass through the centre of the Upper radiating dipole.

The additional drill to be added to above would be as follows:-

The No. 3 will rotate the transmitter till his two vertical lines and the white line on the Receiver coincide. He will then report to No. 1 "Transmitter on Receiver - Ready". The Receiver will then line up again to take up any minor errors in Bearing. No. 1 will then order the Bearing to No. 3 who will set it on the Bearing indicator and make the magslip pointer coincide. When ready he will clamp and report "Bearing .... Set".

The No. 1 will then rotate the receiver cabin to any new Bearing and order "No. 3 Read". No. 3 will report "Bearing .... "

If Transmitter reading is correct, No. 1 will report "Bearing Correct." If incorrect the above procedure will be carried out again.

Distribution on Reverse

(F.J. LUDOWICI) LIEUT.
I. F. C. A.A.D., H.Q.
N.S.W. L. OF C. AREA.

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H.Q. Newcastle A.A. Group	5
H.Q. Kembla A.A. Group	2
9 Aust A.A. Bty	1
25 Aust A.A. Bty	1
A.A. Workshops	1
C.R.E.	1
M.G. R.A.A . G.H.Q. (for information)	1
File	1
War Diary	2

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

01711

A.A.D., H.Q.
N.S.W. L. OF C. AREA
4th Aug. 42.

17

MOST SECRET

AMENDMENT TO T.I.O/GL/No.3 - 12 JUNE 42.

The following paragraph will be added to T.I.O/GL/No.3 after paragraph 8. This becoming para 9, and para 9 becoming 9A.

Para 9.

Netting.

Galvanised wire netting of a 2" mesh 20 gauge being required; the optimum width for handling of netting rolls, being 6 feet.

(F.J. LUDOWICI) LIEUT.
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AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

MOST SECRET

01780

A.A.D., H.Q.
N.S.W. L. OF C. AREA
BOX 21 P.O. ROSE BAY

7th August, 1942.

T.I.O./GL/NO. 6 -7/8/42

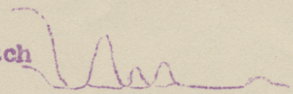
SUBJECT: G.L. EQUIPMENT MKII RECEIVER AERIAL SWITCH. 21

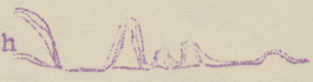
1. It has been found that after comparatively few hours of use, the contacts of the aerial switch become worn and pitted, causing flutter of the angle traces. This in turn leads to operational difficulties and slight inaccuracies.

2. The switch may be given a new lease of life by applying a thin coating of vaseline to the contacts.

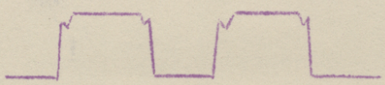
3. The following methods are suitable for testing the efficiency of the switching contacts:

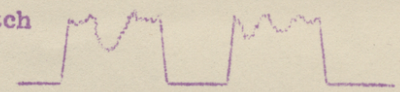
(a) A simple method is to increase the brightness on the angle tubes, switch off the strobe and observe the ground breaks with the switch running. If the switch is good, two clear traces, orange and green respectively, can be seen. If the switch is faulty, one or both traces show irregular multiplicity.

A good switch gives 

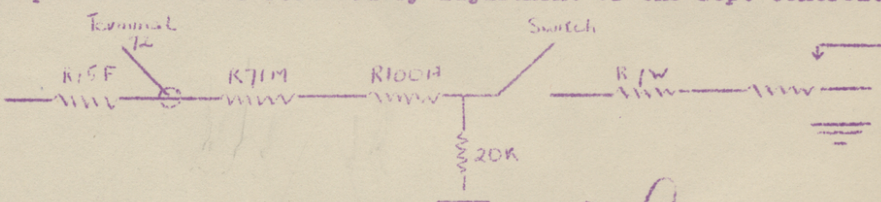
A bad switch gives 

(b) A more exact indication of this effect may be obtained by using a C.W. field oscillator, and examining the variations in voltage across the jack resistance of the diode, by means of a cathode ray oscillograph. The state of the contacts for each switching cycle, is apparent if the switch is run first with bearing aerial signal only, and then with elevation aerial signal only.

A good switch gives 

A faulty switch gives 

4. The image splitting switch is also responsible for random trace flutter, and should be cleaned regularly, with benzine if available. The interference may also be diminished by fitting 20K resistance in the position shown. This reduces the current through the switch, while sufficient separation can be restored by adjustment of the Sep. Control.



(F.J. LUDOWICI) LIEUT.
I.F.C. A.A.D., H.Q.
N.S.W. L. OF C. AREA.

Distribution:-

H.Q. Sydney A.A. Grp	7
H.Q. Newcastle " "	5
H.Q. Kembla " "	2
9 Aust A.A. Bty	1
25 Aust A.A. Bty	1
A.A. Workshops	1
C.R.E.	1
M.G. R.A.A. G.H.Q. (for information)	1
File	1
War Diary	2

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

SECRET. 26 Aug. 42. 75

H.Q. A.A.D.,
N.S.W. L. OF C. AREA.

TECHNICAL REPORT.

INTERFERENCE WITH CIVIL AVIATION COMMUNICATION RADIO CAUSED BY G.L. MK 11 EQUIPMENT.

1. G.L. Mk 11 Equipment is situated at Rose Bay Golf Links at a distance of approx. 1500 yards from Rose Bay Airadio Station (Flying Boat Base). Mk 11 Tx is adjusted to 64 Mc. Wobbulator is shut off - interference note is steady.

2. Reported that pulsating interference (1000 cycle note) was occurring with transceiver equipment. Interference had first been noticed about a week previously - coinciding with the date on which the G.L. equipment was moved from Iron Cove to its present site.

3. Interference with communication receiver at Air Base peaks at about 3 Mc and about 6 Mc - intensity of interference note being greater on the 3 Mc band. It is however, quite serious on 6 Mc, and it is required to eliminate or effectively reduce interference here because this is the band most generally used for communication purposes.

4. Considering the above frequencies, it is thought possible that the trouble is being caused by the reflector screen in front of which the lower directional array is mounted. Since the length of the screen is about 35 ft (and apparently not effectively earthed) then if this reflector were parasitically excited at any frequency, not necessarily the transmitter frequency, it would vibrate at a fundamental resonant frequency of about 3 Mc. With this in view, the Tx circuits and aerial system were thoroughly checked for any source of spurious oscillation, and attempts were made to improve the earthing of the lower array reflector.

5. The following preliminary tests were carried out using the normal Tx, also another Tx which was available at the site.

Tx Conditions	Communication Rx Observations.
Old Tx.	
1 Traverse upper dipole	Interference on 3 Mc & 6 Mc at constant intensity.
2.Traverse lower array.	Interference remains on 3 Mc but clears entirely on 6 Mc.
3.Upper dipole stationary, laid on bearing of Air Base. Reflector screen effectively earthed.	Interference on both 3 & 6 Mc - intensit constant
4.Lower array stationary, laid on bearing of Air Base. Reflector screen effectively earthed.	Interference remains on 3 Mc; but clear entirely on 6 Mc.

New Tx.

The above tests were repeated using the other Tx and precisely the same results were observed, the only difference being that the intensity of interference was somewhat reduced throughout.

6. From these results, which are fairly consistant, it appears that the reflector (para 4) is not necessarily the source of trouble; but rather that the interference originates from some property of the upper aerial system.

It is considered that further investigation of the problem involves adjustments outside the prerogative of an F.C.I. and the matter is referred to O.M.E. R.D.F.

(G. LEE) SGT.
I.F.C. H.Q. A.A.D.,
N.S.W. L. OF C. AREA.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

TO BE MADE UP TO AND FOR SATURDAY IN EACH WEEK. COPY

Army Form W.3009

(page 1)

FIELD RETURN OF OTHER RANKS.

No 4.

H.Q. 1 Aust, A.A. Bde. (Unit). 29-8 1942 (Date).

(To be furnished by all units of Cavalry, Royal Armoured Corps, Infantry, Royal Army Veterinary Corps, Royal Army Pay Corps, Army Educational Corps, Corps of Military Police, and all Headquarters units).

Part A. Strength, Surplus or Reinforcements required.

All personnel AIF

1	2	3	4
Detail.	Posted strength counting against authorised establishment (excluding attached).	Surplus to Establishment.	Reinforcements required (i.e. deficits on establishments).
W.Os. Class I.	1		
W.Os. Class II.			
W.Os. Class III.			
Squadron or Company Quartermaster-Serjeants OR Colour-Serjeants			
Staff Serjeants	1		
Serjeants	1		
Buglers, Trumpeters, etc.			
Corporals	2		2
Troopers, Privates, Guardsmen, Fusiliers, etc.	4		11
TOTALS	9	*	* 13

* These Totals should agree with the details shown in Part D on page 2 of Army Form W.3009.

Part B. Other Ranks attached from other Corps.

Other Attachments

Detail.	Unit and Corps to which they belong.	Detail.	Unit and Corps to which they belong.
against WE		Gnr S J Egan	2/3 Aust Lt AA Regt
		L/Sgt Mann	VIII Aust Lt AA Regt

Part C. Description of other ranks whose return to the unit is particularly requested.

Army No.	Rank.	Name and Initials.	Corps.	Remarks (e.g. present whereabouts if known).

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

WAR DIARY.
A A Defence Hd. 3
N Sth Ly C Area
Appx No 8.
August 42.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

TO BE MADE UP TO AND FOR SATURDAY IN EACH WEEK. COPY

Army Form W. 3008.
(Page 1).

FIELD RETURN OF OFFICERS.

H.Q. 1 Aust, A.A. Bde.

.....(Unit.) For Week Ending.....

PART A.—STRENGTH, SURPLUS OR REINFORCEMENTS REQUIRED.

AIF. 111/944/6/3

War Establishment.	1 Ranks.	2 Posted strength counting against authorised establishment (excluding attached).	3 Surplus to Establishment.	4 Reinforcements required (*i.e.*, deficits on establishment).
	*			
	*			
	*			
	Brigadier 1 *			1
	Lieut.-Colonels			
	Majors... ... 2 ...			2
	Captains ... ... 3 ...			3
	Lieutenants			
	2nd Lieutenants			
	Quartermasters			
	District Officers			
	TOTALS ... ...6 ...			6

* Insert detail of higher ranks as necessary (*e.g.*, Major-General, Brigadier, etc.).

PART B.—PARTICULARS OF OFFICERS JOINED OR QUITTED DURING WEEK.

Officers JOINED during week.

Rank.	Name.	Corps.	Date.	Cause.

Officers QUITTED during week.

Rank.	Name.	Corps.	Date.	Cause.

PART C.—DESCRIPTION OF OFFICERS WHOSE RETURN TO THE UNIT IS PARTICULARLY REQUESTED.

Rank.	Name and Initials.	Corps.	Remarks (*e.g.*, present whereabouts, if known).

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

PART D.—NOMINAL ROLL OF OFFICERS ON STRENGTH.

(i) Officers posted to Unit (Total to agree with column 2 of Part A).

1	2	3	4	5	6	7	8	9
	M. or S.	Substantive Rank.	Higher acting or temporary rank, if held.	Name and Initials.	Corps.	Whether present with Unit (Insert Yes or No).	Date Joined Unit.	If not present with Unit, state how employed.
1					Cyclist			
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								

(ii) OFFICERS ATTACHED FROM OTHER CORPS.

Substantive Rank.	Higher acting or temporary rank, if held.	Name and Initials.	Corps.	Date of attachment.	Nature of attachment.
Capt	WX 3348	Hudson A G	2/4 Aust Hy Ambulance		

H.Q. 1 Aust, A.A. Bde.
(*Unit.*)

29.8.42
(*Date of Despatch.*)

H.S. BLACK
(*Signature of Commander.*)
Captain
Staff Captain, 1 A.A. Bde 1 Aust Corps
(*Bde., Divn., Area, etc., with which Unit is serving.*)

AUSTRALIAN WAR MEMORIAL
AWM2019.366.1980

H.Q. 1 Aust, A.A. Bde.

.....Unit.

Army Form W.3009

(page 2)

Part D. Detail of Surplus or Reinforcements required as shown in Part A of Army Form W.3009.

DETAIL OF SPECIALISTS, TRADESMEN, ETC.	SURPLUS TO ESTABLISHMENT.										REINFORCEMENTS REQUIRED.									REMARKS.
	W.Os. Class I.	W.Os. Class II.	W.Os. Class III.	S.Q.M.S.; C.Q.M.S., or Colour-Serjeants.	Staff-Serjeants.	Serjeants.	Buglers, Trumpeters, &c.	Corporals.	Troopers, Privates, Guardsmen, Fusiliers, &c.	TOTAL.	W.Os. Class I.	W.Os. Class II.	W.Os. Class III.	S.Q.M.S.; C.Q.M.S., or Colour-Serjeants.	Serjeants.	Buglers, Trumpeters, &c.	Corporals.	Troopers, Privates, Guardsmen, Fusiliers, &c.	TOTAL.	
Bricklayers																				
Butchers																				
Carpenters and Joiners ...																				
Clerks																				
Cooks																				
Despatch Riders																		2	2	
Drivers I.C. (Tracked) ...																	1	4	5	
,, ,, (Wheeled) ...																				
Drivers-Mechanics																				
Drivers-Operators																				
Electricians																				
Equipment Repairers... ...																				
Farriers																				
Fitters																				
Machine Gunners																				
Masons																				
Motor Mechanics																				
Pioneers, Infantry (other than tradesmen)																				
Plumbers and Pipefitters ...																				
Range Takers																				
Saddlers and Harness Makers																				
Saddle Tree Makers																				
Sanitary and Water Duties...																				
Signallers																				
Storemen technical																				
Tailors																				
Wheelers																				
Draughtsman																		1	1	
Bdr Gen Duty																	1		1	
General duty personnel ...																		4	4	
TOTALS (to agree with Columns 3 and 4 of Part A).																	2	11	13	

H.Q. 1 Aust, A.A. Bde.

.....

Unit.

Date of Despatch 29.8.42

H.S. BLACK

Signature of Commander Captain

Staff Captain, 1 A.A, Bde 1 Aust Corps

.....

Bde., Divn., Area, etc., with which unit is serving.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

SECRET

Army Form C. 2118
(adapted,)

WAR DIARY or ~~INTELLIGENCE SUMMARY~~

(Erase heading not required).

H. 100M 2/42

Unit H.Q. A.A. DEFENCES N.S.W. L. OF C. AREA.

Date and Time.—From 1 SEP 42 To 30 SEP 42

Place	Date 1942	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
SYDNEY	1 SEP		Brig. E.M. Neylan M.C. Comd A.A.D. N.S.W. L of C Area and Maj Whitelaw (B.M.) to Ingleburn on inspection 108 Aust Lt A.A Regt.	
			Comd, Lt-Col P.L. Moore (AADC Sydney) Major Bootle (Sydney AA Group) MaJ Gilchrist (C.I. LHQ School of RP) Maj Rushton (~~C i/c~~ (CI Schl of Arty AA Wing) Maj Whitelaw, other officers and Sgt Lee (FCI AAD) attended ~~Fuze Calibration~~ with G.L. at Rose Bay Gun Site in pursuance of instructions (SM 15648 of 19 Aug 42) from ~~MGRA - whereby Director of Operational Research Group~~ (Dr. Martin) in co-operation with AA Defences will test practicability of using G.L. Mk.II Equipment at Rose Bay site to measure slant range to AA shell bursts and of using the information obtained for fuze calibration purposes.	
			Maj Wright (ESO LHQ) called on Maj Robinson (CRE AAD) and advised that an AA S/L Coy is to be raised for a Northern Station and that in future all AA S/L officers for Northern Stations will be drawn from N.S.W.	
	2		Maj Rhys-Jones and Capt Kingsnorth (RAOC) confer with Comd, Maj Robinson, Maj Polglaze (DADOS (E) AAD HQ) (see WE VI/57) Sgt Lee and Capt Moore (OME RDF) - discussed training of RDF personnel and maintenance of G.L. equipment - visited Rose Bay	
			Maj R. Thompson (CO Kembla AA S/L Bn) appointed OC for proposed Northern AA S/L Coy.	

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

WAR DIARY ~~or INTELLIGENCE SUMMARY~~

(Erase heading not required).

Army Form C. 2118
(adapted,)

H. 100M 2/42

Unit H.Q. A.A. DEFENCES N.S.W. L. OF C AREA. Date and Time.—From ..... To .....

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
	3		Comd, Maj Robinson, Capt Mosley and Lieut Hewitt (NZ Staff Corps) inspect AA Defences Lithgow. Lt-Col Moore and Maj Bootle were also in attendance. Gun pits have been made ~~smaller and comouflage improved. Ammunition dumps are under~~ construction near the Gun Sites. The necessity for Hy AA defence of the Small Arms Factory at Lithgow is somewhat doubtful in view of the present tactical situation and shortage of man-power. The situation will be reviewed at a later date.	
			Maj Whitelaw, B.M., leaves for Brisbane to collect 3.7-in equipment for 103 Aust Hy A.A. Regt.	
			Capt Mosley takes on duties as B.M.	
			Maj Polglaze leaves for Newcastle to proof mountings 3.7" AA at Merewether Site.	
			Amendment to O/B received changing name of 110 Aust AA Trg Regt to 2 Aust AA Trg Regt	
			Manning of AA Guns on merchant ships:- Letter received from NSW L of C Area requesting report on this matter.	See Appendix I
	4		Lt-Col Long (now CO 103 A ust Hy A.A. Regt) calls at H.Q.	
			Copy signal LHQ to NSW L of C Area re A.A. officers to be transferred to 103 Aust Hy AA Regt. It states that these officers are to be attached to 103 Regt for a period of two months.	Appendix II
			Capt Forsyth and Lieut McCaffrey call at H.Q.	

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

WAR DIARY ~~or INTELLIGENCE SUMMARY~~

(Erase heading not required).

Army Form C. 2118
(adapted.)

H. 100M 2/42 *Unit* ..... *Date and Time.—From* ..... *To* .....

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
	4		P/O McGuinness calls on Comd.	
			Comd to HQ NSW L of C Area and is advised that AIF personnel under 38 years are to be withdrawn from 103 Aust Hy AA Regt and 108 Aust Lt AA Regt. Approximately 270 personnela re affected in 108 Aust Lt AA Regt.	
			Comd to Ingleburn Camp with Capt Finlay (OC 2 Aust AA Trg Regt) on inspection of 108 Aust Lt AA Regt.	
			Maj Rhys-Jones and Capt Kingsnorth (RAOC) lecture on AA Defence of England to AA S/L Bn and Coy Comds.	
	5		Lt-Col McKewin (CO 108 Aust Lt AA Regt) calls on Maj Polglaze re Workshops and Tradesmen.	
			Lt-Col England calls on Comd.	
			Memo is received from HQ NSW L of C Area stating that all AIF ptes including MG and Sigs, under 38 years, who were originally allotted to 48 Bn from AIF Reinfs Dep, are to be withdrawn and despatched to G.D.D. About 270 men are affected by this. CO has arranged to retain 30 tradesmen.	Appendix III
	6		Capt Barton (Adv LHQ) calls and confers with Capt Black on various matters relating to Training, etc, within Units u/c these H.Q.	

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

WAR DIARY ~~or INTELLIGENCE SUMMARY~~

(Erase heading not required).

Army Form C. 2118 (adapted,)

H. 100M 2/42 *Unit* ..... *Date and Time.—From* ..... *To* .....

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
	7		LHQ instruction for Capt Mair (AA S/L) to proceed to Darwin in connection with AA S/L set up in GOR.	
			AADC Darwin Maj Ford calls en route to Brisbane.	
			Comd and Lt-Col Moore (AADC Sydney Group) confer with Comd Spurgeon (RAN) on removal of twin 4-in guns from Garden Is. to Balmoral.	
			Lieut Kearns (IO Kembla AA Group) is interviewed by Comd re ~~appointment as IO on this HQ.~~	
		1100	FS HQ (Sydney) commence operating at Bankstown in lieu of St. James Tunnel.	
			Lieut Tier (RDF Staff LHQ) interviewed Comd, and with Sgt Lee inspects G.1. Later visits Z.1 for air co-operation and discussion with Lieut Burrowes, (O i/c GOR Sydney)	
	8		Comd to Garden Is to confer with Comd Spurgeon on manning of AA Guns on Merchant Ships (See Ref. 3 Sep). Comd submits report thereon to NSW L of C Area.	Appendix IV
			Maj Smith (SO) to Brisbane to inspect 2/2 Aust Hy AA Sigs Sec.	
			Maj Huntley AAMC AAD calls.	
	9		G.L. Mk. II moved to Newcastle for siting at Lambton Gun Site.	
			Lt-Col Shrimpton (AADC Kembla) Capt Gosling (OC 8 Aust Hy AA Bty) and Capt Taylor arrive to confer with Comd.	

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

WAR DIARY ~~or INTELLIGENCE SUMMARY~~

(Erase heading not required).

Army Form C. 2118
(adapted,)

H. 100M 2/42 *Unit* ..... *Date and Time.—From* ..... *To* .....

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
	9		Comd to Newcastle to attend 3.7" Shoot tomorrow.	
	10		DAAG (O) instruction received to raise 73 Aust AA S/L Coy forthwith (Northern draft).	
			Comd and Maj Polglaze attend Shoot at Newcastle (Merewether).	
			Capt Mosley to Melbourne.	
			Sgt Lee promoted to A/Lieut to date from 4 Sep 42 - A.G. ~~Appointments and Promotions List No.11 4/9/42~~	
			Lieut Kearns m/i from Kembla AA Group as IO HQ AAD	
	11		Maj Whitelaw returns from Brisbane.	
	12		Comd and Maj Polglaze return from Newcastle.	
	13		Comd and Capt Black to Movement Control re 3.7" barrels required to be shipped to Fall River on instruction from Adv LHQ	
			Message received through GCO that "there are indications of Crossings on Loops 5 and 6 - Navy think it may be a submarine of about 1000 tons - May now be in Harbour"	~~Appendix V~~
			Maj Smith returns from Brisbane.	
	14		Comd, Maj Hudson and Capt Black to CO's Conference at Sydney Showgrounds on Warlike Stores.	
			Lt-Col Long, Lt-Col McKewin (CO 108 Aust Lt AA Regt) call	

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

WAR DIARY ~~or INTELLIGENCE SUMMARY~~

(Erase heading not required).

Army Form C. 2118
(adapted,)

H. 100M 2/42

Unit ..... *Date and Time.—From* ..... *To* .....

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
	14		Maj Hitchman (ex Darwin) confers with Comd.	
	15		Maj Hudson to Newcastle "Q" Store. Lieut Lee to Newcastle re siting of G.L.	
			Maj Polglaze and Lieut Kearns to Lithgow and return inspect sites.	
			Lt-Col Manning (AADC Newcastle) calls.	
			Comd to Point Piper with reference to removal of naval guns to Balmoral.	
	16		Lieut Kearns to Kembla AA Group as relief for Adjt on 6 days' leave.	
			Capt Mosley returns from Melbourne.	
			Comd and several HQ officers attend lecture by Major Rhys-Jones on AA Defence of England	
			Comd arranges with 1 Motor Div re taking over of Non AIF personnel from there. Message to implement to come from L Mot Div HQ.	
	17		Capts Mosley and Black attend 3.7" Shoot at Long Bay Gun Site. Guns firing at elevation 15°. Camouflage No.4 Gun caught fire after 12 rounds had been fired from the gun. Fire extinguished by means of fire estinguishers and stirrup pumps, before much damage was done.	
			Comd contacted Col Marshall (Dental Service) reference additional Dental officers at Trg Regt George's Heights - Immediate assistance promised.	
			Comd visits Training Regt George's Heights - interviewed personnel - expressed appreciation of work done and still being done and explained operational and tactical situations as they exist.	

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WAR DIARY ~~or INTELLIGENCE SUMMARY~~

(Erase heading not required).

Army Form C. 2118 (adapted,)

H. 100M 2/42 *Unit* ..... *Date and Time.—From* ..... *To* .....

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
	17		WO Zenner (RSM) m/o to Kembla AA Group to take up duties as IO	
			Maj Mander Jones, 2 i/c 2/1 ~~Aust Lt~~ AA Regt (Darwin) calls on Comd	
	18		Orders given by AADC Sydney for removal of camouflage from Hy Gun Sites.	
			Comd and Maj Robinson to Long Bay to inspect camouflage etc.	See entry 17 Sep
	19		MGRA calls on Comd.	
	21		Comd and Capt Mosley attend "Bofors" Shoot at North Head - postponed on account of inclemency of weather - Inspect Blue Fish Hy Gun Site.	
	22		Capt Mosley attends "Bofors" Shoot North Head.	
	23		Comd leaves for Melbourne.	
			3.7" Shoot at Rose Bay Golf Links Site - Capt Mosley and Capt Black attend.	
	24		Capt Mosley and Capt Black attend - Naval Gunnery School to arrange with OC to instruct layers on 40 mm guns in the principles of engaging A/C. A course of three days was arranged for each detach sent.	
			Lieut Kearns returns from Kembla A.A. Group.	
	25		Maj Mander Jones and Capt Thompson (ex Darwin) call.	
	26		Maj Hudson and Capt Black to HQ 35 Aust Hy AA Bty (Ingleburn) thence to Moorebank re AA equpt held at Ordnance depots.	

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WAR DIARY or ~~INTELLIGENCE SUMMARY~~

(Erase heading not required).

Army Form C. 2118
(adapted,)

H. 100M 2/42 *Unit* ..... *Date and Time.—From* ..... *To* .....

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
	26		Maj English OC 35 Aust Hy AA Bty called re Movement North tomorrow.	
	27		DAAG (PS) NSW L of C Area memo 189558 of 26 Sep 42 received advising that C in C has approved of Lieut (T/Maj) J.A. Robinson RAE (AA) to command AA S/L HQ AA Defences NSW L of C Area in ~~the Temporary Rank of Lieutenant-Colonel to date 14 Sep 42.~~	
			O i/c Nielsen Park "Bofors" reported through GOR that some person or persons unknown had been throwing stones into one of the Gun Pits. Maj Hudson takes statements from personnel and makes ~~report to Duty Intelligence Officer at Victoria Barracks.~~	
			Lt-Col Long and Lt-Col England (CO 110 Aust Lt AA Regt) call ~~and discuss the matter with Maj Hudson.~~	
			Lt-Col Moore (AADC Sydney Group) administering Comd AAD HQ in the absence of Comd in Melbourne - calls at HQ.	
			Lt-Col Robinson (CRE) and Capt Black visit HQ 62 Aust AA S/L Coy.	
	28		Capt Kingsnorth, Lieut Lee, Lieut Bravington (OME - Radio) and Sgt Wheatley (FCI Sydney Group) visit Kensington Hy Gun Site to inspect G.L.	Performance satisfactory but could be improved by a "mat" - Recommendation made by ~~FCI to CRE~~
			Lt-Col Robinson to Newcastle with Maj Marnie (49 Dep CRE) Maj Robin (47 Dep CRE) visit all Gun Sites and S/L locations in area.	

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WAR DIARY ~~or INTELLIGENCE SUMMARY~~

(Erase heading not required).

Army Form C. 2118 (adapted,)

H. 100M 2/42 *Unit* ..... *Date and Time.—From* ..... *To* .....

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
	28		Capt Black attends CO's Conference Sydney Showgrounds.	
			Comd returns from Melbourne. With Maj Smith (SO) - attends ~~RAAF (Eastern Area) on GOR Conference.~~	
			Maj Polglaze, Lieut Lee and Lieut Bravington to Port Kembla. G.L. tested. Results of Air Co-operation good. Lieut Lee recommends that the Receiver position be altered to reduce Predictor displacement and mat installed to ensure accurate results obtained.	
	29		Capt Kingsnorth, Lieut Lee and Sgt Colledge (FCI Kembla) inspect Gun Sites ref placing of G.L. Sets. Visit GOR and, in view of peculiar RDF difficulties in Kembla Area, recce is made of various other possible G.L. Sites.	
			Capt Kingsnorth and Lieut Lee return to Sydney - discuss with ~~Maj Gilchrist (CI LHQ Schl of RP) Fire Control methods.~~	
	30		Lieut Lee attends lectures by Capt Kingsnorth.	
			Lieut Lee with Lt-Col Robinson (CRE) to Brighton Gun Site to confer with civil engineers re proposed lighting and power installations and possible ulterior effect on G.L. equipment.	
			T.I.O./G.L./No.7 School of A.A. Artillery Bulletin No.I (dated 3 Sep 42)	Appendix V
			A.A. Defences N.S.W. L of C Area - Location Statement (dated 7 Sep 42)	Appendix VI.

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WAR DIARY or ~~INTELLIGENCE SUMMARY~~

(Erase heading not required).

Army Form C. 2118
(adapted,)

H. 100M 2/42 *Unit* ..... *Date and Time.—From* ..... *To* .....

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
			H.Q. A.A. Defences N.S.W. L of C Area Intelligence Summary No. 7 (Dated 23 Sep 42)	Appendix VII
			A.A. Defences N.S.W. L of C Area - Amt No.1 to Location Statement (Dated 26 Sep 42).	Appendix VIII
			T.I.O./G.L./No.8 - G.L. Equipment Returns (DAted 29 Sep 42)	Appendix IX
			W.3008 and W.3009's for Week Ending 26 Sep 42.	Appendix X

T.O. Kearns Lieut
I.O. A.A. Defence H.Q. N.S.W. L of C Area

E.M. Day Brig.
Comd. A.A. Defence H.Q. N.S.W. L of C Area

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

APPENDIX I

W A R D I A R Y

H.Q. A.A. DEFENCES
N.S.W. L OF C AREA

SEPTEMBER 1942.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

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SECRET

9217

NSW L OF C AREA
Victoria Barracks,
Paddington N.S.W.
2nd Sep. 42.

C.A.A.D., N.S.W. L. of C. Area.

MANNING A.A. GUNS ON DEFENSIVELY EQUIPPED MERCHANT SHIPS.

1. With reference to the abovementioned subject, subtended please find L.H.Q. S.M. 15949 of 22 Aug. 1942:-

"With reference to L.H.Q. Signal G.10928 of 21st March, 1942, it is requested that the following information be furnished at the earliest possible date:-

(a) Ports concerned.
(b) If A.A. personnel are provided and what system of requisitioning exists.
(c) Number of A.A. personnel authorised, number actually raised to date, and parent unit.
(d) Whether A.A. guns on D.E.M. Ships are linked into shore A.A. Defences, and if so, by what means.
(e) If adequate land A.A. cover exists over the wharf area involved.
(f) Recommendation regarding improvement of the scheme, extension, abandonment etc."

2. It is advised that the above should be considered in conjunction with L.H.Q. S.M. 10200 of 13th June (H.Q. N.S.W. L. of C. S18/1/2131).

3. It is desired that you submit a report which will permit of a detailed reply being submitted to L.H.Q. covering the headings set out in para 1 above. In this connection it is desired that you collaborate with Naval Staff, Garden Island, in order that due consideration be given to Naval requirements. Report should reach this H.Q. not later than 7 Sep 1942.

(Sgd) J.F.L. Earl (Colonel)
General Staff, NSW L of C Area.

Copy to:-
Col. Adm.
for A.A.G. (O).

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

APPENDIX II

W A R D I A R Y

H.Q. A.A. DEFENCES
N.S.W. L OF C AREA

SEPTEMBER 1942.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

COPY

TELEPHONE

Australian Military Forces

Please quote this Number when Replying

171673

Address H.Q.NSW L of C
Area. Victoria Barracks
PADDINGTON

A.A.D. Aug. 42.

ATTACHMENT OF OFFICERS - A.A.ARTILLERY.

LHQ memo 98626 of 29 Aug 42 advises that approval has been given for the following officers to be attached for duty for a period of two months to 103 Aust Hy A.A. Regiment to date 27 Aug 42.

NP 9894	Maj.	F.T. Whitelaw
VX 27015	Cap.	A.D. Randle
VX 40101	Lieut	R.C. Crawford
VX 40830	"	K.C. Anderson
VX 23864	"	J.M. Long
VX 32083	"	J.C. McLean
VX 28044	"	W.G. Whittakers.

The above officers will report forthwith and an equivalent number of senior officers chosen from 33 and 45 Aust Infantry Battalion for transfer to 103 Aust Hy A.A. Regiment will report to A.A.D.C. Sydney A.A. Defences for a similar period of two months.

This confirms telephonic advice on 31 Aug 42.

(Sgd) (W.G. STUDDY) CAPT.
DAAG (PS) HQ NSW L OF C AREA.

Copy - DFO
DRO
Capt. Aitken.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

APPENDIX III

W A R D I A R Y

H.Q. A.A. DEFENCES
N.S.W. L OF C AREA

SEPTEMBER 1942.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

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H.Q. N.S.W. L. of C. Area

4th Sep 42.

A.A.D.C:

48 BN. AIF-PERSONNEL FROM REINFTS. DEPOTS.

It is advised that all AIF ptes, including MG and SIGS, under 38 years of age who were originally allotted to the 48 Bn. from AIF reinfts. depots, will be withdrawn forthwith and despatched to GDD.

2. On arrival at GDD arrangements will be made for their medical examination and those who are classified medically A1 and A2 will be granted home leave under unit arrangements, in terms of SM12631, 8 July, which provides that six days' clear home leave be granted, and ordinary leave passes issued accordingly.

3. On conclusion of leave the personnel concerned will report to GDD in their home State, and the date of reporting will not be later than 27 Sept. 42.

4. It is requested, please, that the numbers medically Class A1 and A2 involved be advised this HQ without delay.

5. Personnel who are not classified as fit A1 or A2 will be despatched to their home States for disposal.

(C.D. TAYLOR) MAJOR.
DAAG (O) NSW L OF C AREA.

G Branch Recruiting Depot, Moore Pk.
A " MCO (Rd & Rail)
Q " No. 4 L of C Sub-Area
GDD DFO, DRO.

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APPENDIX IV

WAR DIARY

HQ AA DEFENCES
NSW L OF C AREA

SEPTEMBER 1942.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

EMN/SA

Australian Military Forces

Eastern Command

TELEPHONE— FU 6784/5

Please quote this Number when replying

SECRET.

02400

Address H.Q. A.A. Defences, N.S.W. L of C Area. Box 21, ROSE BAY.

Date 8 Sep 42.

H.Q.
N.S.W. L OF C AREA.

MANNING A.A. GUNS ON D.E.M. SHIPS

With reference to N.S.W .L. of C Area S 18/1/3282, dated 2 Sep 42, concerning the above, the following general report is submitted after collaboration with Naval Staff, Garden Island:-

(a) The ports concerned in N.S.W. are Sydney, Newcastle, Kembla, though up to the present juncture no guards have been furnished at the latter two.

(b) A.A. personnel are provided under Instruction D.A.A.G. (O) N.S.W. L of C Area.

(c) Approval for 112 O.R's for duty on D.E.M. Ships by Signal message G.10928 of 21 Mar 42. Of these some 80 O.R's were embodied but several time to time changes have eventuated. At present approximately 70 O.R's are engaged (as required) on this duty.

Approval has recently been obtained, vide N.S.W. L of C Area letter 9141, dated 31 Aug 42, for a further 48 O.R's (Class B.1 Medical).

These personnel are to be carefully selected and will be some time forthcoming.

The parent unit at present is 2 Aust A.A. Trg Regt Station, George's Heights.

(d) The A.A. Guns manned by "A.A. Guard Unit" are for Close Range Defence and an Ammunition shortage exists. They are not connected to shore A.A. Defences, it not being proposed to use them on barrage.

(e) Gun density at any of the ports concerned cannot be considered adequate.

(f) The "A.A. Guard Unit" should be organized under its own Comdr with a proper staff and should be accommodated elsewhere than at George's Heights; accommodation thereat being required in toto by the 2 A.A. Trg Regt.

Naval Staff, Garden Island, has kindly agreed to permit a number (to be determined) of A.A. Guard Unit to attend Courses at Training Instn Centre, Woolloomooloo This will be of highest value and will undoubtedly increase efficiency.

GENERAL

The "A.A. Guard Unit" has been employed, when not directly engaged on D.E.M. Ship duty, on other duties and have proved of value in the circumstances at present existing as regards manpower, the lack of which is causing grave concern.

(E.M. HEYLAN) Brig.
COMD. H.Q. A.A.D.
N.S.W. L OF C AREA.

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Appendix V

22

SECRET

02298

H.Q. A.A.D.,
N.S.W. L. OF C. AREA.

T.I.O/G.L/ NO.7 - 3 SEPT. 42.

SUBJECT:- School of A.A. Artillery - Bulletin No. 1.

1. Reference 01914 of this H.Q. dated 17 Aug. 42.

The attention of F.C.I's Gps is directed to the following section of the above bulletin:-

Instruction:

Item 25 (a) G.L. Mk 11 Feeders.

(b) Coding of feeders for G.L. Mk 11.

Item 26 (a) G.L. Mk 11 HF & DC Switches.

(b) G.L. Mk 11 HF Switch.

(c) Precautions to be observed with Lead Feeders.

(d) Frequency of G.L. Mk 11

(e) Mk 11 HF Switch.

Item 27 Penetration of grass through mats and long grass on unmatted sites.

Item 28 Faults in Mat immediately around Receiver.

Item 29 Calibration of Wavemeter GL/T No. 1.

Item 30 The Director

Item 31 Errors in Visual Following.

Item 32 Following by G.L. Operators.

Item 33 Errors in Recording

Item 34 Information Wanted

Item 35 G.L. Mk 11 Transmitter Matching.

Item 36 Trace unsteadiness in G.L. Mk 11

Item 37 (a) G.L. Mk 11 Range Correction.

(b) Range accuracy of G.L. Mk 11.

Item 38 Precautions to be observed when jacking-up G.L. Mk 11 Receiver Chassis .

Item 39 Aerial heights for G.L. Mk 11.

Item 40 Mk 11 Transmitter Monitor Tube.

2. F.C.Is Gps will be responsible that information contained in the above items is brought to the notice of all personnel concerned, and will take appropriate action where necessary. It should be noted however, that much of the subject matter is only provisional, and should not be taken as authority to commence instruction in new procedures, until incorporated in

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duly published amendments to present drills.

3. Items 41 - 46 of the Bulletin deal with G.L. Mk 1 and Mk1[x] (with EF attachment); but will not be detailed here since it is considered that these equipments will not be used for operational purposes in this Area. The information, however, is worthy of note.

4 ACK

(F.T. WHITELAW) MAJOR.
B.M. H.Q. A.A.D.,
N.S.W. L. OF C. AREA.

Distribution:

Sydney A.A. Group	9
Newcastle " "	5
Kembla " "	2
A.A. Workshop	1
C.R.E.	1
M.G.R.A.A. G.H.Q. (for information)	1
L.H.Q. School of R.P. (for information)	1
File	1
War Diary	2

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War Diary

SECRET

A.A. DEFENCES N.S.W. L. OF C. AREA.
LOCATION STATEMENT AS AT 0900 HRS - 7 SEPT. 42

SECRET

Appendix VI.

COPY NO. 25

02437

SERIAL NO	UNIT	SYMBOL	SITE NAME	O.C.	PHONE NUMBER	LOCATION			EQUIPMENT							
						PLACE	MAP SHEET 1in-1m	CO-ORD INATES	3.7in	3in	40mm	LMGs	S/LS	GL	SIC	VHF
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	H.Q. A.A. Defences N.S.W. L. of C. Area (H.Q. 2/1 Aust A.A. Bde) Postal Address: Box 21 Post Office, Rose Bay.			Comd. A.A.D. Brig. E.M. Neylan.M.C. Comd. AAS/L Maj. J.A. Robinson	FU6784	19 Coolong Rd. Vaucluse										
	SYDNEY A.A. GROUP ARTILLERY															
2	H.Q. Sydney A.A. Group. Postal Address: C/- Rosebery P.O. Via Mascot.			Lt-Col P.L. Moore.A.A.D.C	FX1173	Kensington Golf Links Club House.	Sydney	215098								
3	G.O.R. Sydney	Z1		Lieut. R.A. Burrowes.	BW1830	St. James Tunnel										
4	G.O.R. Cremorne (Alternative)	Z2			XA1452	Milson Rd. Cremorne										
5	G.O.R. Bankstown	Z3				Bankstown										

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SERIAL NO	UNIT	SYMBOL	SITE NAME	O.C.	PHONE NUMBER	LOCATION			EQUIPMENT							
						PLACE	MAP SHEET 1in - 1m	CO-ORDINATES	3.7in	31n	40mm	LMGs	S/Ls	GL	SLC	AIE
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
6	H.Q. 1 Aust Hy A.A. Bty			Maj. J.R. English	XM5641	Milson Rd. Cremorne										
	Postal Address:															
7	(except H10) C/- Cremorne P.O.	H9	George's Heights		XM3008 Ext.32	George's Heights	Sydney	256197	4			6				
8		H8	Artarmon		XB1391	Naremburn Park St. Leonards	"	197219	4			4				
9	Postal Address: Box 92 Manly P.O.	H10	Bluefish		XU1173	Nth Head	"	304232	4			2				
10		H12	Taronga		Thru G.O.R.	Bradleys Head	"	249178		1		1				
11	H.Q. 15 Aust Hy A.A. Bty			Lieut. F.V. Thompson	FX2965	Drill Hall Avoca St . Randwick	Sydney	248108								
	Postal Address: C/- Randwick P.O.															
12		H2	Moore Pk.		FL3260	Dacey Avenue Moore Park.	"	222118	4							
13		H7	Iron Cove		WA1888	Barnstaple Rd. Fivedock	"	145162	4			3				
14		H1 G1	Rose Bay (G.L. Set)		FU6315	Golf Links Rose Bay	"	272144	4			4		1		
15		H11	Ft.Denison		FL3578	Sydney Harbour	"	229174		1		1				

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SERIAL NO	UNIT	SYMBOL	SITE NAME	O.C.	PHONE NUMBER	LOCATION			EQUIPMENT							
						PLACE	MAP SHEET	CO-ORDINATES	3.7in	3in	40mm	LMGs	S/Ls	GL	SLC	VIE
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
16	H.Q. 19 Aust Hy A.A.Bty Postal Address: C/- Mascot P.O.			Capt. G.D. Forsyth	LX3165	N.S.W. Gun Club Kyeemagh										
17		H5	Brighton		LX2981	Brighton Golf Links	Sydney	178066	4			4				
18		H4	Long Bay		FJ2998	Malabar	"	244030	4			4				
19		H3	Kensington		FX5247	Golf Links Kensington	"	218100	4			4				
20	H.Q. 20 Aust Hy A.A.Bty Postal Address: C/- Chipping Norton P.O.			Maj. A.C. Cunningham	Liverpool 365.	Chipping Norton	L'pool	961111								
21		H6	Concord		UF1497	Concord	Sydney	102178	4			2				
22		H26	Bankstown			Bankstown	"	012096	4			7				
23	H.Q. 7 Aust Hy A.A.Bty Postal Address:			Lieut. V.I. Collins	UW3415	Prospect	L'pool	912208								
24	C/- Prospect P.O.	H25	Prospect		"	"	"	"		4		4				
25	H.Q. 9 Aust Hy A.A.Bty Postal Address: Australia.			Capt. A.N. Davey	Lithgow 405	Drill Hall Lithgow	Wallerawang	140626								

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SERIAL NO	UNIT	SYMBOL	SITE NAME	O.C.	PHONE NUMBER	LOCATION			EQUIPMENT							
						PLACE	MAP SHEET 1in -1m	CO-ORDINATES	3.7in	3in	40mm	LMGs	S/Ls	GL	SLC	VIE
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
26	G.O.R. Lithgow	Z7				Drill Hall Lithgow										
27		H1	Old Bowenfels				Katoomba	109588	4			4				
28		H2	Clwydd				Wallerawang	178620	4			4				
29		LM3	S.A. Factory				"	129614				6				
30	H.Q. 25 Aust Hy A.A.Bty Postal Address: Australia.			Lieut H.N.S Townsend	Windsor 203 Ex.5	Racecourse Clarendon	Windsor	786460								
31		H1	Clarendon		"	"	"	786460	4			5				
32	H.Q. 221 Aust Lt. A.A.Bty Postal Address: Australia.			Capt. G.R. Vincent	UL1110	124 Canterbury Rd. Bankstown	Sydney									
33		L3		Lieut J.A. Gaukrodger		Richmond Aerodrome	Windsor	777486			1					
							"	766486			1					
							"	772478			1					
							"	781472			1					
							"	788476			1					
							"	792480			1					
34		L1				Bankstown Aerodrome	Sydney	001091			1					
							L'pool	995095			1					
							"	999094			1					
							"	991085			1					
							"	990099			1					
35		L6				Sydney Harbour Bridge.	Sydney	215179			1					

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SERIAL NO	UNIT	SYMBOL	SITE NAME	O.C.	PHONE NUMBER	LOCATION			EQUIPMENT							
						PLACE	MAP SHEET 1in - 1m	CO-ORD INATES	3.7in	3in	40mm	IMGs	S/Ls	GL	SLC	VHF
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
				SYDNEY A.A. GROUP A.A.S/L.												
36	H.Q. 1 Aust A.A.S/L Bn. Postal Address: C/- Rosebery P.O. Via Mascot.			Maj. W.I. Jamieson	FX1173	Kensington Golf Links Club House	Sydney	215098								
37	H.Q 62 A.A.S/L Coy Postal Address: C/- Willoughby P.O.	C1	C.O.R.	Maj. S.S. Woodham	JA4409	Drill Hall Willoughby	"	207248								
38		S1	Pymble				Broken Bay	151306				1	3			
39		S2	French's Forest				Sydney	217293					3			1
40		S3	Brookvale				"	293283				1	3			
41		S4	Eastwood				"	087259					2			
42		S5	Fullers Bridge				"	159252				1	2			
43		S6	The Spit				"	249233				1	3			
44		S7	Nth Hd.				"	298222				1	3		1	
45		S8	Berry Is.				"	192192				1	3			
46		S18	Glade Bay				"	122203				1	2			
47		S25	Willough-by				"	213244					1			

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SERIAL NO	UNIT	SYMBOL	SITE NAME	O. C.	PHONE NUMBER	LOCATION			EQUIPMENT							
						PLACE	MAP SHEET 1in-1m	CO-ORDINATES	3.7in	3in	40mm	LMGs	S/Ls	GL	SLC	VIE
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	H.Q. 62 A.A.S/L Coy cont'd.															
48		S26	-				-	-								
49				Lieut Johnson E.	WB2230	Sydney Harbour Bridge	Sydney	-				8				
50						Cockatoo Is.	"	-				8				
51	H.Q. 61 A.A.S/L Coy Postal Address: C/- Randwick P.O.	C2	C.O.R.	Capt. E.R.B. O'Sullivan	FX7184	Rifle Range Randwick	Sydney	249084				2				
52		S9	Neilsen Park				"	272178				1	3			
53		S10	Bronte				"	272115				1	3		1	
54		S11	Maroubra				"	242053					3			
55		S12	La Parouse				"	245008				1	3			1
56		S13	Ramsgate				"	147011					3			
57		S14	Nth Brighton				"	183068				1	2			
58		S15	Leichhardt.				"	147141					3			
59		S16	Moore Pk.				"	222123					2		1	

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SERIAL NO	UNIT	SYMBOL	SITE NAME	O.C.	PHONE NUMBER	LOCATION			EQUIPMENT							
						PLACE	MAP SHEET 1in-1m	CO-ORDINATES	3.7in	3in	40mm	LMGs	S/Ls	GL	SMG	VRE
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
60	H.Q. 52 A.A.S/L Coy. Postal Address: C/- Belmore P.O.	C3	C.O.R.	Maj. J.C. Barrett	UL1820	Drill Hall Canterbury Rd. Belmore	Sydney	095091				2				
61		S17	Auburn				"	053207				1	3			
62		S19	Strath-field				"	072141				1	3		1	
63		S20	Banks-town.				"	038086					3			1
64		S21	Nth Bex-ley				"	112073					2			
65		S22	Mortdale				"	072030					3			
66		S23	Miranda				Pt.Hack-ing	112965					2			
67		S24	Quibray Bay				"	180964				1	2			

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SERIAL NO	UNIT	SYMBOL	SITE NAME	O.C.	PHONE NUMBER	LOCATION			EQUIPMENT							
						PLACE	MAP SHEET 1in-1m	CO-ORDINATES	3.7in	3in	40mm	LMGs	S/Ls	GL	SLC	VIS
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	NEWCASTLE A.A. GROUP ARTILLERY.															
68	H.Q. Newcastle A.A. Group Postal Address: C/- Mayfield P.O.			A.A.D.C. Lt-Col J. Manning.	Waratah 40	Murray Dwyer Orphanage Mayfield	N'cle	747349								
69	G.O.R. Mayfield (alternative)	Z4			Wara 122 " 129	Mayfield	"	749342								
70	G.O.R. New Lambton Postal Address: As for Group.	Z5			As for Z4.											
71	H.Q. 3 Aust Hy A.A.Bty. Postal Address: C/- Stockton P.O.			Capt. S.P. Heath.	Stockton 6.	Link Military Camp Fullerton Cove Stockton	"	819362								
72		H3	Link		"	"	"	819362	4			4				
73		H4	Wave		Stockton 58 Ext 17	"	"	808308	4			4				
74			B.H.P.		Hamilton 506							4				
75	H.Q. 18 Aust Hy A.A.Bty Postal Address: C/- Hamilton P.O.			Capt. P.S. Hill	Waratah 250	Drill Hall Waratah	"	738334								

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SERIAL NO.	UNIT	SYMBOL	SITE NAME	O.C.	PHONE NUMBER	LOCATION			EQUIPMENT							
						PLACE	MAP SHEET 1in-1m	CO-ORDINATES	3.7in	3in	40mm	LMGs	S/Ls	GL	SIC	VIS
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	H.Q. 18 Aust Hy A.A. Bty cont'd.															
76		H6	Mayfield		Waratah 782	Mayfield	N'cle	743344	4			3				
77		H5	New Lambton		Waratah 673	New Lambton	"	729311	4			3				
78	One Sec. 7 Aust Hy A.A. Bty. Postal Address: C/- Rathmines P.O.		Rathmines	Lieut. Roberts	Toronto 77	C/- R.A.A.F. Stn. Rathmines	Lake Macquarie.	604154		2		2				
79	H.Q. 222 Aust Lt. A.A.Bty Postal Address: Australia.			Lieut.J.A. Berney	Hamilton 506	Tighes Hill Waratah	N'cle	770324								
80		L1	Marshalling Yds		"		"	778330			1					
81		L2	Moscheto Island		"		"	786341			2					
82		L3	Dump		"		"	775342			2					
83		L4	Geo Str.		"		"	771330			1					
84		L5	Ft. Wallace.		"		"	811339			1					
85		L6	"		"		"	817347			1					

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SERIAL NO	UNIT	SYMBOL	SITE NAME	O.C.	PHONE NUMBER	LOCATION			EQUIPMENT							
						PLACE	MAP SHEET 1in-1m	CO-ORD INATES	3.7in	3 in	40mm	LMGs	S/Ls	GL	SLC	VIB
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	NEWCASTLE A.A. GROUP A.A.S/L															
86	H.Q. Newcastle A.A.S/L Bn. Postal Address: Mayfield P.O.			Maj. J.R. Bathgate	Waratah 40	Murray Dwyer Orphanage.	N'cle	747349								
87	H.Q. 51 A.A.S/L Coy Postal Address: Stockton P.O.	C2	C.O.R.	Capt. R. Pulver		The Laurels	"	799311								
88	Section H.Q.			Lieut Stewart.	Stockton 6	Link	"	818363								
89		S1	Siddons Swamp				"	775455					1			
90		S2	Rotten Swamp				"	837436					2			
91		S3	Macs Track				"	886418					2			
92		S4	Hexham				"	712424					2			
93		S5	Tomago				"	771408					2			
94		S6	Stanley Park				"	822385					2			
95		S7	Wipers				"	855380					3			
96		S8	Stockton				"	808332					2			

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SERIAL NO	UNIT	SYMBOL	SITE NAME	O.C.	PHONE NUMBER	LOCATION			EQUIPMENT							
						PLACE	MAP SHEET 1in-1m		3.7in	3in	40mm	LMGs	S/Ls	GL	SLC	VIE
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
97	H.Q. 60 A.A.S/L Coy Postal Address: Hamilton P.O.	Cl	C.O.R.	Capt. C.R. Frizell	Hamilton 1076	Drill Hall Hamilton	Nicle	756304								
98	Section H.Q.				Hamilton 870	Newcastle W.	"	778297								
99		S9	Black Hill			Newcastle W.	"	649400					-			
100		S10	Shortland				"	704366					2			
101		S11	Mayfield				"	751346					2			
102		S12	Minmi				"	640344					-			
103		S13	Wallsend				"	690307					2			
104		S14	Broad-meadow				"	742296					2			
105		S15	Bar Beach				"	784279					2			
106		S16	Evelien				"	687259					2			
107		S17	Kahibah				"	730239					2			

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SERIAL NO	UNIT	SYMBOL	SITE NAME	O.C.	PHONE NUMBER	LOCATION			EQUIPMENT							
						PLACE	MAP SHEET 1in-1m	CO-ORDINATES	3.7in	3in	40mm	IMGs	S/Ls	GL	SLC	VIE
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	KEMBLA A.A. GROUP ARTILLERY															
108	H.Q. Kembla A.A. Group Postal Address: C/- Wollongong P.O.			Lt-Col A.P. Shrimpton	Wollongong 910	Apsley House Crown St., Wollongong.	Wollongong									
109	G.O.R. Pt. Kembla	Z6			Unanderra 9 & 10	Unanderra	"	856443								
110	H.Q. 8 Aust Hy A.A.Bty Postal Address: C/- Port Kembla P.O.			Capt. E.D. Gosling	Port Kembla 381	Port Kembla	"	893446								
111		H1	Tom Thumb		P.K.381	"	"	896448	4			5				
112		H2	Illawarra		P.K.382	"	"	891403	4			5				
113		H3	Flagstaff		P.K.388	Warrawong	"	876413	4			4				
114			Ubique(a)	Lieut Hammond.	P.K.187	A.I & S.	"	880425				8				
115			Ubique(b)			Admin. Block	"					3				
116	Det Troop A 110 Aust Lt. A.A. Regt.			Lieut R.K. Gray	P.K.129	Port Kembla	"	911420				1				
117		L1	Tank				"	877417			1					
118	Postal Address: Port Kembla P.O.	L2	Hill				"	866428			1					
119		L3	Stack				"	912412			1					
120		L4	Fort				"	912418			1					

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SERIAL NO	UNIT	SYMBOL	SITE NAME	O.C.	PHONE NUMBER	LOCATION			EQUIPMENT							
						PLACE	MAP SHEET 1in-1m	CO-ORDINATES	3.7in	3in	40mm	LMGs	S/Ls	GL	SLC	VIE
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	KEMBLA A.A. GROUP A.A.S/L															
121	H.Q. Kembla A.A.S/L Bn. Postal Address: Wollongong P.O.			Maj. R.J. Thompson	W'gong 910	Apsley House Crown St. Wollongong.						2				
122	H.Q. 63 A.A.S/L Coy Postal Address: C/- Wollongong P.O.	C1	C.O.R.	Capt. P.F. Lister	"503	Acacia St. Wollongong	W'gong	881490								
123		S1	Corrimal			Corrimal	"	914547					2			
124		S2	Cabbage Tree.			Wollongong	"	894509				1	2			
125		S3	Lagoon			Coniston	"	882460				1	2			1
126		S4	Hill 60			Pt. Kembla	"	911403				1	2			
127		S5	Brokers Nose			W.Corrimal	"	858552					2			
128		S6	Lunds			Cordeaux Dam	"	812524					-			
129		S7	Byarong			Byarong Ck.	"	850491					2			
130		S8	Cordeaux			Cordeaux Dam (No. 1 Reservoir)	"	781447					-			

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SERIAL NO	UNIT	SYMBOL	SITE NAME	O.C.	PHONE NUMBER	LOCATION			EQUIPMENT							
						PLACE	MAP SHEET 1in-1m	CO-ORDINATES	3.7in	3in	40mm	LMGs	S/Ls	GL	SLC	VIE
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
131	H.Q. 57 A.A.S/L Coy Postal Address: C/- Dapto P.O.	C2	C.O.R.	Lieut.K.A. Gribben	Dapto 88	Dapto Showgrounds	Kiama	790390								
132		S9	Comrol			Warrawong	W'gong	872405				1	2			
133		S10	Windang			Windang	Kiama	870346					2			1
134		S11	Shell Harbour			Shell Harbour	"	861295					2			
135		S12	Kembla Grange			Kembla Grange	W'gong	820434					2			
136		S13	Koonawarra			Bomberry Pt.	Kiama	804375				1	2			
137		S14	Oak Flats			Oak Flats	"	814318					2			
138		S15	Coke Works			Dapto Road	W'gong	760418					-			
139		S16	Avondale			Avondale	Kiama	758358					-			
	UNGROUPED A.A. ARTILLERY															
140	H.Q. 110 Aust Lt. A.A.Regt. Postal Address: Australia.			Lt-Col J.A. England	FX2650	Kensington Racecourse	Sydney	236099								
141		L2		Lieut E.D. Marshall		North Head	"	303219 307222			1 1					
142		L4		Lieut K.H. Herde		Bradleys Head	"	250177 248176			1 1					

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SERIAL NO	UNIT	SYMBOL	SITE NAME	O.C.	PHONE NUMBER	LOCATION			EQUIPMENT.							
						PLACE	MAP SHEET 1in-1m	CO-ORDINATES	3.7in	3in	40mm	LMGs	S/Ls	GL	SLC	VIE
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	H.Q. 110 Aust Lt. A.A.Regt cont'd.															
143		15		Lieut K.H. Herde		Neilsen Park	Sydney	268178 273182			1 1					
144		-		Lieut. H.E. Cole		Hawkesbury River	Broken Bay	236557			1		1			
145						Hawkesbury River	Broken Bay	236574			1		1			
146	111 Aust Lt. A.A. Regt. Postal Address: Australia.			Lt-Col K. Dalton	UA5231	Canterbury Racecourse	Sydney	116119								
147	103 Aust Hy A.A. Regt. Postal Address: Australia.			Lt-Col C.E. Long	LB2475	Loftus Camp										
148	108 Aust Lt. A.A. Regt. Postal Address: Australia.			Lt-Col McKewin	L'pool 429 Ex. 23.	Ingleburn Camp.										
149	2 AustA.A. Tng Regt. Postal Address: Georges Heights Mosman.			Capt. W.W. Ford	XM3008	George's Heights.										
						EQUIPMENT TOTALS.			84	8	32	152	120	1	4	5

ACKNOWLEDGE:

Sigs A.A. Defences N.S.W. L. of C. Area - See Appx A.
A.A.O.C. " " " - See Appx B.

for (F.T. WHITELAW) MAJOR.
B.M. H.Q. A.A.D.,
N.S.W. L. OF C. AREA.

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SECRET

APPENDIX "A" TO A.A. DEFENCES N.S.W. L. OF C AREA.
LOCATION STATEMENT AS AT 0900 HRS 7 SEP. 42.

SIGNALS - A.A. DEFENCES N.S.W. L OF C AREA.

SERIAL NO.	UNIT	O.C.	PHONE NUMBER	LOCATION			
				PLACE	MAP SHEET 1in-1m	CO-ORDINATES	
201	H.Q. 2/1 Aust A.A. Bde Sigs Postal Address: Box 21 P.O. Rose Bay	Maj. D. Smith	FU6784	19 Coolong Rd. Vaucluse.			
202	H.Q. Sec. 2/1 Aust A.A. Bde Sigs (less Dets) Postal Address: Box 21 P.O. Rose Bay	Lieut B.F. Dimmick	BW6966	129 Macquarie St . Sydney			
203	Det 2/1 Aust A.A. Bde Sigs Postal Address: ~~Box~~ Wollongong P.O.	Cpl. A.R. Little	P.K. 85 or W'gong 910	"Apsley House" Crown Street, Wollongong			
204	110 Aust Lt. A.A. Regt Sig Sec. Postal Address: Australia.	Lieut J.O. Diggins	FX2650	Kensington Racecourse	Sydney	236099	
205	111 Aust Lt. A.A. Regt Sig Sec. Postal Address: C/- Mayfield P.O.	Lieut R.W. Sawyer.	Waratah 40	Murray Dwyer Orphanage Mayfield.	Newcastle	747349	

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APPENDIX "B" TO A.A. DEFENCES N.S.W. L. OF C. AREA. SECRET
LOCATION STATEMENT AS AT 0900 HRS 7 SEP. 42.

A.A.O.C- A.A. DEFENCES N.S.W. L. OF C AREA.

SERIAL NO.	UNIT	O.C.	PHONE NUMBER	LOCATION			
				PLACE	MAP SHEET 1in to 1m	CO-ORDINATES	
301	H.Q. 2/1 Aust A.A. Bde Wkshops Postal Address: Box 21 P.O. Rose Bay	Maj. J. Polglaze	FU6784	19 Coolong Rd. Vaucluse			
302	52 A.A.S/L Ord. Wkshop Sec. (attached 7 A.A. Ord.Wkshop Sec) " 111 Lt. A.A. Regt. Wkshop Sec) Postal Address: C/- Randwick P.O.	Lieut J.W.Kemp.	FX1281	Avoca Street Randwick	Sydney	248108	
303	15 A.A. [redacted] Ord Wkshop Sec. (attached 61 A.A.S/L Ord Wkshop Sec) Postal Address: C/- Randwick P.O.	Lieut. J.A. Tubb	FX1281	Avoca Street, Randwick	Sydney	248108	
304	51 A.A.S/L Ord Wkshop Sec. (attached 27 A.A. Ord Wkshop Sec) Postal Address: Parry Street, Newcastle.	Lieut. S.W Cormack.		Parry Street, Newcastle	Sydney	776297	
305	8 A.A. Ord. Wkshop Sec. (attached 57 A.A.S/L Ord Wkshop Sec) Postal Address: C/- Wollongong P.O.			Comrol House (Garage) King Street Warrawong.	Wollongong	88[illegible]09	

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SECRET

A.A. DEFENCES N.S.W. L OF C AREA.

LOCATION STATEMENT AS AT 0900 HRS 7 SEPT. 42.

Distribution.	Copy No.
C.S.O. R.A.N. Garden Island	1
M.G.R.A. L.H.Q. Melbourne	2
Engineer in Chief L.H.Q.	3
First Aust Army	4
N.S.W. L. of C. Area	5-6
Military Liaison A.C.H. Eastern Area	7
No. 9 A.L. Sec Bankstown	8
H.Q. Sydney A.A. Group	9
H.Q. Newcastle A.A. Group	10
H.Q. Kembla A.A. Group	11
110 Aust Lt. A.A. Regt	12
111 Aust Lt. A.A. Regt	13
103 Aust Hy A.A. Regt	14
108 Aust Lt. A.A. Regt.	15
[redacted]	16
[redacted]	17
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Appendix VII

SECRET H.Q. A.A. DEFENCES N.S.W. L OF C AREA COPY NO 83

INTELLIGENCE SUMMARY NO. 7.

Based on information received up to 0900 hrs 23 Jan. 42.

PT. I OWN TROOPS.

02965

1. Topographical information,

(a) Railway Overbridges: The following tabulation gives information of weak Railway Overbridges, some of which are to be strengthened as shown. Strengthening of these bridges in progress but date of completion is not yet known. Care should be exercised in crossing the half width left open to traffic while strengthening is in progress. Strengthening operations are expected to be completed about the last week in Sep.

Map Reference 1" M.S.	Map Reference 4 Mile Strat	Location	Construction	Present Loading	Loading after Strengthening
BROKEN BAY 102354 100356	SYDNEY 40958354 40958355	HORNSBY "	Nail trusses "	12) 12)	Not to be Strengthened
-	NEWCASTLE 49580003	Stroud Rd Station	Timber	12	24
-	TWEED HDS 67044420	Bangalow Station	Timber	12	24
-	66534716	Burringbar	Timber	12	24
PT HACKING 037918	WOLLONGONG 40367929	Between LOFTUS and ENGADINE	Timber	9	24
848170	38467170	Between KIAMA and OMEGA	Timber	12	24

(b) Roadways:

Great Western Highway Bypass to Katoomba Level Crossing: (Ref 1" M.S. Katoomba 302344) via LOVEL, MEGALONG and CLARENCE Sts. Reconstruction and repairs to this bypass have now been effected. Road is Al sealed surface.

Source H.Q. NSW L of C. Area I.S.2.

2. Security-Unit Names in Wallets.

Wallets for soldiers are on sale which contain a transparent pocket for the insertion of a card giving the owner's name and address. If the owner writes in the name of his unit, as generally happens, the effect of removing unit names from paybooks is nullified. Steps should be taken to have unit names removed from wallets, note-books, diaries etc. (From L.H.Q. Intelligence Summary No. 187.)

PT. II ENEMY.

3. Tactics.

(a) Japanese Landing at Koepang - Use of Parachutists. The following notes are made up partly from information in Eastern Area Summary No. 7 supplied by an R.A.A.F. pilot officer, a member of the party which escaped from Timor in April, and partly from information in L.H.Q. I.S. No. 187.

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3. (a) cont'd.

The attack on Koepang was cunningly conceived by the Japs, who appeared to have all the information relative to the location of the Australian forces. A feint landing from five transports, escorted by an aircraft carrier, was made on the coast at the southernmost point of the island, in the vicinity of Point Mali. Immediately afterwards, intense aerial bombing and ground-straffing was carried out in the Koepang harbour area, where our troops were concentrated. About a thousand Japanese parachutists then landed in two groups, on successive days, one on the flat country at the extreme eastern end of Koepang Bay, between Army H.Q. and the kitchens, and the other between the commissariat and the town. The troops at the western end of the southern shore of the harbour were thus cut off from the kitchens and their H.Q. The invasion fleet, after its feint, had, in the meantime, steamed from the south into the Strait of Semaoe, and anchored off Koepang, where the main landing took place. The small A.I.F. garrison at Koepang were faced with a landing force of somewhere about 18,000 troops in addition to the parachutists.

The parachutists were landed about 0830 hours in good weather, with no wind. The country in which they landed was fairly flat but timbered, with high palm trees in some parts and thick undergrowth in others.

About 20-25 transport A/C were used, supported by bombers and fighters. The aircraft resembled Douglas types and carried from 15 to 30 men, who were dropped in groups of 6 to 8. From 300 to 500 were dropped each day. It is probable that in all an entire parachute battalion operated.

Before landing, all ground defences were severely straffed. The jumps appeared to be made from under the belly of the aircraft. The jumper was apparently carried by the slipstream along a static rail to the tail assembly, where a catch pulled the ripcord and released the jumper. The jumps were made at from 300-500 feet, there being no aerial opposition.

During the descent tommy guns were fired, and the Japanese made plenty of noise, calling out "You are my prisoner, Australian". During the landings, the escorting aircraft bombed and machine-gunned our positions. On landing, the paratroops quickly took up ambush positions and climbed trees from which they carried out sniping. Forward positions were marked with Japanese flags, enabling their quick location by aircraft. Alternative positions were used extensively - a method also adopted by all Japanese infantry. As soon as a section was fired upon or outflanked, it changed its position. The paratroops took no prisoners.

In addition to the white parachutes for ordinary troops, blue and red parachutes were used. There is some uncertainty as to whether these were used to indicate leaders or to drop gear. It is reported that a number of small mortars was used but, so far as could be ascertained, no special parachutes were used for this purpose, or to drop the W/T sets and batteries which were used by the paratroops.

The parachutists wore green uniforms. Tunics were buttoned to the neck. Rubber boots were worn. They carried compasses on their wrists. Each man was provided with an emergency ration contained in cellulose wrapping and appearing to consist of rice and compressed dried fish. Each man carried a small tubular filter in his respirator, through which water could be drunk. The majority carried automatic rifles, or, alternatively, tommy guns.

Japanese Parachute Battalion.

(a) The Battalion consists of a Headquarters, a Supply Unit (which carried 15 reserve aero engines), three parachute companies and flying personnel. The flying personnel and material are part of the unit and are under the command of the unit Commander. It was reported in 1941 that the age limit for a Bn Commander was 35

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3 (a) cont'd.

and that he must be qualified at the Staff College. The age limit for soldiers was said to be 24-26 years.

(b) The following individual equipment was seen during operations in the Netherlands East Indies:-

Buff coloured crash helmet, with ear flaps and chin strap. Very light canvas webbing equipment. Haversack containing tablet food, glucose, sweets, minor medical supplies (iodine, bandages, etc) cigarettes, rum flask.

(c) Parachutists are reported to begin operations with 3 day's food supply which consists of:- Rice-2 lbs 4 oz, Fish-2 tins, Meat - 2 tins. Tea - 1 oz.

(Source R.A.A.F. I.S. 21 & 22.)

3 (b) Aircraft

Tactics: Recently two new tendencies appear to have crept into Japanese air operations. The first is a marked leaning towards night bombing and the second a greater use of large flying boats in attack.

In addition, attacks have been carried out by smaller formations than usual. This may point to a lack of available fighters for escort duties brought about by our concentrated attacks in NEW GUINEA and NEW BRITAIN.

(Source H.Q. NSW L of C Area I.S.2)

4. Emergency Rations.

Emergency field rations are of two kinds, "A" (KO) and "B" (OTSU). They are carried by the man and can be eaten only on the orders of the OC when the unit is separated from the Commissariat.

KO consists of 4 "go" (about-1-lb 3-ozs) of rice, (sufficient for two meals), and one small tin of mixed beef and vegetables per man.

OTSU consists of 3 paper bags of hard biscuits (sufficient for 3 meals).

Men are forbidden to drink unboiled water, and to encourage them to boil they are liberally supplied with a cheap brand of tea, which they carry with them.

(LHQ IS 188)

Comment: There is reason to believe, nevertheless, that Jap troops will often drink unboiled water, and will frequently drink to excess. ~~See~~, ~~however, para~~ 6 ~~(iii) below~~.

(Source HQ NSW L. of C. Area I.S.2)

5. Equipment

(a) (i) A/Tk Land Mine. A prisoner from the 11th Independent A/Tk Coy described the Japanese A/Tk Land mine as a round, shallow drum with a flat, bottle-shaped detonator placed in the middle, the top of the bottle neck extending slightly above the mine. The mine is exploded by the tyre or caterpillar of a vehicle depressing the projecting bottle-neck of the detonator.

Another method of using these mines is by means of a thin rope or tape threaded through two mines, fitted at opposite sides of the

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5. (a) (i) (Cont'd).

mine. The rope is controlled by two men who lie hidden on either side of the path of the approaching tank, and seek to guide the mine under the caterpillar.

(ii) Landing Craft: For transporting troops along the Malayan and Burmese coasts, a small Sampan type was used. Its capacity was about 10 men, and its mode of propulsion, "Yulo" a form of rowing with one oar. Larger freight-carrying powered barges with a capacity of about 50 men, were also used. These were the normal type of inter-island transport of rice, wheat and other commodities.

When landing men and equipment, the Japanese ran these barges ashore, and with their equipment on their back, jumped into the shallow water and waded ashore. Discharging is usually done under cover of darkness, and to avoid noise the guns are dismantled and landed in pieces. The heaviest pieces (200/250 lbs) are shouldered ashore by two men. The tail pieces (trail) of the field gun can be unscrewed or unhinged from the carriage and used as a carrying bar.

(iii) Water purification. A report has been received that Japanese landing troops carry a short length of rubber tube lined with material which automatically purifies water slowly sucked through it.

(Source H.Q. N.S.W. L. of C. Area I.S.2)

5.(b) Type "O" Biplane Floatplane.

From an enemy aircraft found on Nivani Island of the Deboyne Group, the following information has been obtained.

The aircraft is a two seater biplane, radial engine, single float type.

Type "O" Mark 1,	Observation Plane, Model 1.
Manufacturer,	Sasebo Naval Arsenal.
Dimensions ,	Span 37'0", Length 26'6".
Engine,	Suisei Model 13, 14-cylinder twin-row.
Weight,	Empty - 1901 kilograms or 4,192 lbs.
	Loaded - 2550 kilograms or 5,623 lbs.
Fuel Capacity,	600 litres (109 Imp. Gal. or 132 U.S. Gal.)
Oil Capacity,	48 litres (10½ Imp. Gal. or 11 U.S. Gal.)
Armament,	2 x 7.7 mm. machine-guns, fixed, forward fuselage.
	1 x 7.7mm. machine-gun, free.
Bomb Carriers,	Under lower mainplane, outside propeller arc.
Arcs of Fire,	Traverse - 160 degrees.
(on rear M.G.)	Depression - 33 degrees over side.
	Elevation - 70 degrees.
Tanks,	No self-sealing tanks. Tanks located behind engine in front of pilot.

Attention is drawn to the fact that standard models of Japanese aircraft may be produced by several different manufacturers. From other intelligence, it has also been shown that the distinction between Navy and Army types (so far as their function is concerned) is not so clear as it once was. Some interchange between the Services has been indicated.

(Source R.A.A.F. I.S. 21 & 22).

5. (c) Submarine Mother-Ship.

It is reported that on 8th July at Kukum (Lae area), a small submarine was seen entering the "submerged bows" of a large motor vessel described as being of 15,000 tons and having [illegible] funnel. Three other small submarines were seen alongside and these were stated to be refuelling.

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5. (c) Cont'd)

The assumption is that the vessel sighted is being used as a depot ship for midget submarines and as a midget submarine carrier. It is probable that the ocean-going submarines which launched the midget submarines against Sydney Harbour on 31st May - 1st June, may have already returned to the Solomon Islands to pick up further midgets from this ship and that other ocean-going submarines are being similarly supplied with midgets. The ship sighted is thus performing a most important function and her target value is accordingly rated very high.

It will be observed that the report states that the method of entry and discharge from the parent ship is by the bows. The principle is described as being the same as that used in the case of whaling mother-ships. Such vessels have a ramp at the stern and not in the bows. It is considered, however, that it is quite likely that the report is correct as it would be feasible for the parent ship to discharge midgets from her bows, where there would be no obstruction such as machinery etc.

(Source R.A.A.F. I.S. 21)

5. (d) Bombs:

(i) General. In general appearance, Japanese bombs differ from those of other nations. They are relatively clumsy, having the nose and tail rivetted, screwed, or welded to the body; the body itself is generally cylindrical and not streamlined, and little attempt appears to have been made to clear off minor irregularities in finish.

It is to be noted however, that a 63 Kg bomb recently recovered at MORESBY had the nose and body incorporated as a single casting, more streamlined, and with a considerably better finish than that of other types. It closely resembles the British and appears to represent an advance on original Japanese designs. A screwed base plate is fitted, and the tail unit, unlike that of other types, is of sheet iron lightly screwed to the body, and does not contain explosive.

(ii) Fuzes: Japanese bombs encountered to date have been fitted with mechanical fuzes of the impact type, and most have been designed for either instantaneous action or slight delay. However, long delay types are known to have been used and it may be anticipated that such types would be directed against targets where their use would cause dislocation of vital industries and communications.

(iii) The following will be read in conjunction with Appendix 1 of H.Q. A.A. Defences N.S.W. L. of C. Area I.S. No. 6.

(a) Anti-personnel: 1 Kg, 15Kg and 30 Kg. These are fuzed to explode near ground level, giving a maximum blast and fragmentation effect. Few details are available regarding the 15 Kg nor are any of the 30 kg, but from craters and blast effects, it is thought that 30 Kg bombs of this type were amongst those used in recent bombings at MORESBY.

(b) High Explosive, General Purpose (HE. GP): 50, 60 (2 types), 63 (2 types), 100, 250 and 500 Kg.

These combine demolition and anti-personnel effects.

(c) Incendiary: 50 Kg and 60 Kg. The primary purpose of these is incendiary, and consequently the explosive charge, compared with that of HE bombs, is relatively small. Known incendiary agents are thermite (a mixture of iron oxide and aluminium) and phosphorus.

(d) Dual Purpose, HE and Incendiary: 60 Kg. These combine demolition and incendiary effects, the explosive content being higher than that in the incendiary types.

(e) Parachute Incendiary Bombs: Reports from abroad indicate that the Japanese have dropped incendiaries fitted with

parachutes, in order to reduce penetration. The only information available to date is that the particular bombs were 3'6" long, 6" diameter, were painted black with a red band 6" from the nose; and that fuzes had a delay action of up to 12 hours.

It is feasible that other types could be fitted with parachutes.

(f) Gas Bombs. 50 Kg. The most likely use of these would be against large troop concentrations and thickly populated areas. As in the case of the incendiary bomb, the explosive charge is relatively small.

(iv) Explosive Fillings: Recently recovered 60 Kg Type 97 HE Bombs have been found to contain a mixture of hexanitrodiphenylaimine and trinitroanisole (hexanite and anisol) in the proportion 40.60. Similar filling is known to have been used in the 50 and 250 Kg bombs. Picric is generally used as a primer or booster.

The body of the bomb and the conical tail unit are filled in separate operations, and later screwed together, a felt or paper disc sometimes being used to fill the gap between the two surfaces.

As regards handling, no reference has been found concerning anisol, but hexanite, in addition to being poisonous, causes lesions and blisters, and is harmful to the mucous membrane of the throat and nose.

Dermatitis is easily contracted if precautions are neglected.

Should the mixture come into contact with the skin, wash as soon as possible with soap and water (preferably warm). Should handling extend over a period, such washing must be repeated at frequent intervals during the handling, and several times afterwards. Rubber gloves should be worn where possible and afterwards thoroughly washed and dried.

(v) Explosion Effects: The effects of explosion of Japanese HE Bombs are very similar to those of German bombs of corresponding weight, and sizes of craters, penetration, safety distances, etc., are comparable with those laid down in M.T.P. 45 for German Bombs.

(vi) Unexploded Bombs. The failure of a bomb to explode on impact with the target would generally be due either to the fuze failing to function, or to the incorporation of a delay device in the fuze. It is possible that fuzes may be fitted with anti-withdrawal devices although such devices have not been found.

Any movement may cause the fuze to function and adequate precautions should be taken against disturbance of unexploded bombs.

The disposal of unexploded bombs is the function of Bomb Disposal Units.

Source H.Q. N.S.W. L. of C. Area I.3.2.

6. Enemy Casualties.

1. Estimate of Japanese aircraft casualties in all theatres, resulting from Allied operations from 12th to 17th August inclusive.

Locality.	Destroyed.	Probable	Damaged.
China	1	-	-
Solomons Task Force (additional)	16	-	2
Australia Station	6	6	15
Total for period ...	23	6	17
Previously estimated to 11/8/42 ...	1715	275	433
Total to 17th August ...	1738	281	450

2. Total enemy losses on Australia Station included in the above figures are:-

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6. (2)

Destroyed - 402

Probable - 16½

Damaged - 182

Source R.A.A.F. I.S. 26

7. Morale:

A Chinese Military Intelligence Officer who, throughout the present war, has been responsible for the interrogation of Japanese PWs states that prisoners fall into four categories.

(i) During the SHANGHAI fighting PWs were in an almost hysterical state of shame and anger. They refused to talk, repeatedly tried to escape, and frequently attempted suicide.

(ii) During the second period of the war, i.e. the taking of NANKING and subsequent fighting on the lower YANGTZE, prisoners still refused to talk but, on the other hand, did not appear to be ashamed of their position. There were no more cases of attempted suicide.

(iii)The campaign leading to the capture of NANKOW showed that prisoners could frequently be made to talk and that they were also prepared to undertake non-military, but paid, work for the Chinese Government.

(iv) During the fourth, last, and more static period of the war, morale of prisoners has shown marked deterioration. They talk freely, seem anxious to give all possible information, and are ready to undertake any sort of work (for reasonable payment) for the Chinese Government.

Source H.Q. N.S.W. L. of C. Area I.S.2.

ACKNOWLEDGE:

F E Kearns

(F.E. KEARNS) LIEUT
I.O. H.Q. A.A.D.,
N.S.W. L OF C AREA.

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Appendix VIII

SECRET

SECRET

A.A. DEFENCES N.S.W. I. OF C. AREA.

COPY NO. 25

LOCATION STATEMENT 02437

02967

Amendment No. 1 as at 0900 hrs 26th Sep. 1942.

Col "C" (All pages) Delete heading "Site Name" and Substitute "Sta. Name and Number".

Serial	3	Col	"E"	Delete	"BW 1830"	and insert	"B3313"
"	6	"	"D"	"	"Maj. J.R. English"	" "	"Lieut. G.C. Turnbull"
"	7	"	"C"	Insert	"351"	below	"Georges Heights."
"	8	"	"	"	"352"	"	"Artarmon"
"	9	"	"	"	"353"	"	"Bluefish"
"	10	"	"	"	"354"	"	"Taronga"
"	11	"	"D"	Delete	"Lieut. F.V. Thompson"	and insert	"Lieut. P. Fisher"
"	12	"	"C"	Insert	"355"	"	"Moore Park"
"	13	"	"	"	"356"	"	"Iron Cove"
"	14	"	"	"	"366"	"	"Rose Bay"
"	15	"	"	"	"357"	"	"Fort Denison"
"	17	"	"	"	"358"	"	"Brighton"
"	18	"	"	"	"359"	"	"Long Bay"
"	19	"	"	"	"360"	"	"Kensington"
"	19	Below "H3" in Cols "B", "C", "F", "G", "H", and "I" insert "G2": (GL Set): Golf Links Kensington: Sydney: 218100: and "1" respectively.					
"	21	Col	"C"	Insert	"361"	below	"Concord"
"	22	"	"	"	"362"	"	"Bankstown"
"	24	"	"	"	"363"	"	"Prospect"
"	27	"	"	"	"382"	"	"Old Bowenfels"
"	28	"	"	"	"383"	"	"Clwydd"
"	31	"	"	"	"365"	"	"Clarendon"
"	37	("	"A"	"	"Aust"	after	"62"
		("	"D"	Delete	"Maj S.S. Woodham"	and insert	"Capt H.A. Kloster".
"	41	"	"M"	"	"2"	and insert	"3"
"	42	"	"	"	"2"	and insert	"3"
"	44	"	"O"	"	"1"		
"	46	"	"M"	"	"2"	and insert	"3"
"	49	"	"L"	"	"8"	and insert	"4"
"	51	("	"A"	Insert	"Aust"	after	"61"
		("	"L"	Delete	"2"		
"	52	"	"M"	"	"3"	and insert	"2"
"	56	"	"	"	"3"	and insert	"2"
"	57	"	"	"	"2"	and insert	"3"
"	59	"	"C"	"	"Moore Park"	and insert	"Cleveland"

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Serial	59	Col	"H"	Delete	"222123" and insert "221127"
"	"	"	"M"	"	"2" and insert "3"
"	60	"	"A"	Insert	"Aust" after "52"
"	"	"	"L"	Delete	"2"
"	64	"	"M"	"	"2" and insert "3"
"	66	"	"M"	"	"2" and insert "3"
"	67	"	"	"	"2" and insert "3"
"	72	"	"C"	Insert	"370" below "Link"
"	73	"	"	"	"371" " "Wave"
"	76	"	"	"	"373" " "Mayfield"
"	77	"	"	Insert	"374" below "New Lambton"
"	77	Below "H.5" in Cols "B","C","F","G","H", and "N" insert "G11": (GL Set): "New Lambton": "Newcastle": "729311" and"1" respectively.			
"	78	Col	"C"	Insert	"364" below "Rathmines"
"	87	"	"A"	"	"Aust" after "51"
"	88	"	"D"	Delete	"Lieut Stewart"
"	97	"	"A"	Insert	"Aust" after "60"
"	"	"	"D"	Delete	"Capt. C.R. Frizell" and insert "Capt. C.W. Graham".
"	111	"	"C"	Insert	"378" below "Tom Thumb"
"	111	Below "H1" in Cols "B","C","F","G","H" and "N" insert "G21": (GL Set): "Port Kembla":"Wollongong": "897448" and "1" respectively.			
"	112	Col	"C"	Insert	"379" below "Illawarra"
"	113	"	"	"	"380" " "Flagstaff"
"	117	"	"H"	Delete	"877417" and insert "878418"
"	118	"	"	"	"866428" " " "867428"
"	119	Delete all details opposite.			
"	120	Col	"H"	Delete	"912418" and insert "911418"
"	121	"	"D"	"	"Maj R.J. Thompson" and insert "Maj. S.S. Woodham"
"	122	"	"A"	Insert	"Aust" after "63"
"	"	"	"D"	Delete	"Capt. P.F. Lister" and insert "Capt. C.R. Frizell".
"	131	"	"A"	Insert	"Aust" after "57"
"	133	"	"P"	Delete	"1"
"	141	"	"D"	"	"Lieut E.D. Marshall"
"	"	"	"H"	"	"303219" and insert "304220"
"	"	"	"	"	"307222" " " "307223"
"	"	"	"	Insert	"310228" and in Col "K" opposite insert "I".

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Serial	142			Delete all details opposite.	
"	143	Col	"D"	Delete	"Lieut K.H. Herde" and insert "Lieut K.E. Walsh"
"	"	"	"H"	Insert	"269176" and in Col "K" opposite insert "1"
"	144	"	"B"	"	"L4"
"	"	"	"D"	Delete	"Lieut H.E. Cole"
"	"	"	"M"	"	"1"
"	145	"	"B"	Insert	"L4"
"	"	"	"H"	Delete	"236574" and insert "234569"
"	"	"	"M"	"	"1"

Insert New Serial

145a and opposite in Cols "B","F","G","H" and "K" insert "L4": "Hawkesbury River ": Broken Bay": "235546": and "1" respectively.

Equipment Totals.

Col	"L"	Delete	"152"	and insert	"144"
"	"M"	"	"120"	" "	"124"
"	"N"	"	"1"	" "	"4"
"	"O"	"	"4"	" "	"3"
"	"P"	"	"5"	" "	"4"

Appendix "B" - A.A.O.C. - Delete Appendix "B" to location statement 02437 and substitute new Appendix "B" attached.

ACKNOWLEDGE.

R.S. Mosley.

(R.S. MOSLEY) CAPT.
B.M. H.Q. A.A.D.,
N.S.W. L. OF C. AREA.

26 SEP 1942

Distribution
As for Location
Statement 02437.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

APPENDIX "B" TO A.A. DEFENCES N.S.W. L OF C AREA.

SECRET

LOCATION STATEMENT AS AT 0900 HRS 26 SEP '42.

COPY NO 45.....

A.A.O.C. - A.A. DEFENCES NSW L. OF C. AREA.

SERIAL NO	UNIT	O.C.	PHONE NUMBER	LOCATION			
				PLACE	MAP SHEET 1in to 1m	CO-ORDINATES	
301	H.Q. 2/1 Aust A.A. Bde W/Shop Postal Address: Box 21 P.O. Rose Bay	Maj J.H. Polglaze	FU6784	19 Coolong Rd. Vaucluse			
302	52 Aust A.A.S/L Ord. W/Shop Sec. (Attached 7 A.A. Ord W/Shop Sec (" 111 Aust Lt. A.A. Regt W/Shop Sec.) Postal Address: C/- Randwick P.O.	Lieut J.W.Kemp	FX1281	Avoca Street Randwick	Sydney	248108	
303	15 Aust Hy A.A. Ord. W/Shop Sec. (Attached 61 A.A.S/L Ord. W/Shop Sec) Postal Address: C/- Randwick P.O.	Lieut J.A. Tubb	FX1281	Avoca Street Randwick	Sydney	248108	
304	1 Aust Hy A.A. Ord W/Shop Sec. (Attached 62 Aust A.A.S/L Ord W/Shop Sec.) (" 110 Aust Lt. A.A. Regt. Ord. W/Shop Sec. (" 19 Aust Hy A.A. Ord. W/Shop Sec. Postal Address: West Gate, Georges Heights.	Lieut K.A. Cameron	XM3008 Ext. 25	Cross Street, Georges Heights	Sydney	251196	
305	51 Aust A.A.S/L Ord. W/Shop Sec. (Attached 27 Hy A.A. Ord. W/Shop Sec.) Postal Address: C/- Newcastle West P.O.	Lieut S.W. Cormack	Hamilton 154	Parry Street, Newcastle	Newcastle	776297	

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

GI/SA

MOST SECRET

Appendix IX

H.Q. A.A. Defences,
N.S.W. L of C Area.
Box 21, ROSE BAY.

02961

29 Sep 42.

T.I.O./G.L./NO.8 - 29 SEP 42

G.L. EQUIPMENT RETURNS

Reference T.I.O./G.L./No.2 - 26 May 42

1. This T.I.O. is issued with two main objects:

(a) To clarify the position with regard to existing Returns.

(b) To modify Pro-Formae in use at present in order that more complete information may be included.

2. The following Returns will be submitted by G.L. Stations through Bty H.Q. to Group H.Q. All Returns will be marked "SECRET" and first Returns under this Instruction will cover the period week ending 2359 hours, Saturday, 3 Oct 42.

(a) Weekly Return showing hours and nature of operation (as per Pro-Forma No.1)

(b) Weekly Fuel and Lubricant Return (as per Pro-Forma No.2)

(c) Bi-monthly Return of Maintenance (as per Pro-Forma No.3)

(d) Bi-monthly Return showing state of training of Operators Fire Control (as per Pro-Forma No.4).

Monthly returns of location and movement will NOT be submitted as from 3 Oct 42.

3. These Returns will be rendered in duplicate; Group H.Q. will retain one copy and forward one copy to this H.Q.

4. It will be the duty of Group F.C.I's to act upon matters requiring attention.

5. Please acknowledge receipt.

(G. LEE) Lieut.
F.C.I. H.Q. A.A. DEFENCES
N.S.W. L. OF C. AREA.

Distribution

Sydney	A.A. Group	9
Newcastle	A.A. Group	5
Kembla	A.A. Group	2
A.A. Workshop		1
C.R.E.		1
M.G.R.A.A.	G.H.Q. (for information)	1
L.H.Q. School of R.P.	(for information)	1
File		1
War Diary		2

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

SECRET.

PRO FORMA NO.1

CL/R Serial No ..... Site .....

CL/T Serial No ..... Operating Frequency Mc/s .....

Power Unit W.D. No..... Alternative Frequency Mc/s ....

Mark ..... Week ended 2359 hours .....

Date	Hours of Operation		
	For Training and co-operation	For Early Warning	For Fire Control

Total Hours Run .....

C.C. Bty .....

F.C.I.A. ..... F.C.I. Group .....

S E C R E T.

PRO FORMA NO.2

FUEL AND LUBRICANT RETURN

GL/R Serial No ..... Mark .....

GL/T Serial No ..... Site .....

Power Unit W.D. No..... Week ended 2359 hrs .....

DESCRIPTION	TYPE	STOCK	RECEIVED	CONSUMED	ON HAND AT END OF WEEK
Diesel Fuel					
Engine Oil					
Grease					
Paraffin					

O.C. Bty ..... F.C.I.As .....

F.C.I. Cp. .....

S E C R E T

PRO FORMA NO.3

M A I N T E N A N C E R E T U R N

C/R Serial No ..... C/T Serial No ..... Power Unit W.D. No .....

Mark ..... Site ..... Statement for fortnight ended 2359 hrs .....

Total Hours run to date ..... Power Unit Log ..... Transmitter Clock .....

Hours run since last Return ..... Power Unit ..... Transmitter .....

Date	Unit Rx	Unit Tx	Unit P.U.	Defective Component	Repairs effected	By whom repaired	Total Time "Out of Action"	Remarks

O.C. Sty ..... P.C.I.A. .....

P.C.I. Group .....

SECRET

PRO FORMA NO.4

PERSONNEL - STATE OF TRAINING

GL/R Serial No ..... Site .....

GL/T Serial No ..... Location .....

Power Unit W.D. No ..... Station on charge to (Unit) .....

Mark .....

Statement for fortnight ended 2359 hrs .....

Number	Rank	Name	Fully trained (F) Semi.-trained (S)	Classified Tde Gp II	General Remarks

F.C.I.A. ..... C.C. Bty .....

F.C.I. Group .....

TO BE MADE UP TO AND FOR SATURDAY IN EACH WEEK.

Army Form W. 3008.
(Page 1).

FIELD RETURN OF OFFICERS. No 6.

A.A. Defence H.Q., N.S.W. L of C Area. (Unit.) For Week Ending 26-9-42

PART A.—STRENGTH, SURPLUS OR REINFORCEMENTS REQUIRED.

AMF VI.13.1. 8x26

War Establishment.	1 Ranks.	2 Posted strength counting against authorised establishment (excluding attached).	3 Surplus to Establishment.	4 Reinforcements required (*i.e.*, deficits on establishment).
	*			
	*			
1	Brigadier *	1		
1	Colonel *			1
	Lieut.-Colonels	1	1	
1	Majors...			1
4	Captains	2		2
1	Lieutenants	3	2	
	2nd Lieutenants			
	Quartermasters			
	District Officers			
8	TOTALS	7	3	4

* Insert detail of higher ranks as necessary (*e.g.*, Major-General, Brigadier, etc.).

PART B.—PARTICULARS OF OFFICERS JOINED OR QUITTED DURING WEEK.

Officers JOINED during week.

Rank.	Name.	Corps.	Date.	Cause.
Lieut	Kearns F C	RAA	25.9.42	From Kembla A.A. Fpl.

Officers QUITTED during week.

Rank.	Name.	Corps.	Date.	Cause.

PART C.—DESCRIPTION OF OFFICERS WHOSE RETURN TO THE UNIT IS PARTICULARLY REQUESTED.

Rank.	Name and Initials.	Corps.	Remarks (*e.g.*, present whereabouts, if known).

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

PART D.—NOMINAL ROLL OF OFFICERS ON STRENGTH.

(i) Officers posted to Unit (Total to agree with column 2 of Part A).

1	2	3	4	5	6	7	8	9
	M. or S.	Substantive Rank.	Higher acting or temporary rank, if held.	Name and Initials.	Corps. APPT	Whether present with Unit (Insert Yes or No).	Date Joined Unit.	If not present with Unit, state how employed.
1		Maj	NX 12276	Hardcastle E.W.	Comdt	Yes		
2		Lt Col	NX 110603	Robinson J.A.	" ARSL	"		
3		Capt	VX 23448	Tooley R.S.	B.M.	"		
4		"	VX 21709	Black H.J.	E.C.	"		
5		Lieut	NX 110604	Coombs T.L.	S.C. ARSL	"		
6		"	NX 85398	Kearns T.E.	I.O.	"		
7		"	VX 23776	Lee S.	I.E.C.	"		
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								

(ii) OFFICERS ATTACHED FROM OTHER CORPS.

Substantive Rank.	Higher acting or temporary rank, if held.	Name and Initials.	Corps.	Date of attachment.	Nature of attachment.
Capt	WX 3348	Hardcastle R.G.	2/2 Aust Hy a.a. Regt		
Lieut	V.158510	Brannigan R.G.H.	AAOC	12.9.42.	

A.A. Defence H.Q., N.S.W. L of C Area.
(Unit.)

26-9-42
(Date of Despatch.)

(Signature of Commander.)
Capt.
Staff Capt. A.A. Defence H.Q. N.S.W. L of C Area
(Bde., Divn., Area, etc., with which Unit is serving.)

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

TO BE MADE UP TO AND FOR SATURDAY IN EACH WEEK. No 6 *Army Form W.3009C (page 1)*

FIELD RETURN OF OTHER RANKS.

A.A. Defence H.Q., N.S.W. L of C Area.

.....(Unit). 26-9-1942 (Date)

(To be furnished by all Units of the Royal Army Ordnance Corps.)

Part A. Strength, Surplus or Reinforcements required. AMF. VI. 13. 1. 8126

1 Appointment.	2 Posted strength counting against authorised establishment (excluding attached).	3 Surplus to Establishment.	4 Reinforcements required (i.e., deficits on establishment).
W.Os. Class I. 1			1
W.Os. Class II.			
W.Os. Class III.			
Staff Serjeants 2	1		1
Serjeants 1			1
Corporals 2	3	1	
Buglers			
Privates, etc. 20	17		3
TOTALS 26	21	1	6

*These totals should agree with the details shown in Part D on page 2 of Army Form W.3009C.

Part B. Other Ranks attached from other Corps.

Appointment.	Unit and Corps to which they belong.	Appointment.	Unit and Corps to which they belong.
against WE		Other Attachments	
1 Sgt	AAOC	1 W.O. II	AASL Bty
		1 S/Sgt	RAA (2/4 Aust a a Bde)
		1 Sgt	" "
		1 Armr/Sgt	61 AASL Bty
		1 Cpl Pte	AWAS
		1 Cpl R	62 AASL Bty
		2 Sen Asst	

Part C. Description of other Ranks whose return to the Unit is particularly requested.

Army No.	Rank.	Name and Initials.	Corps.	Remarks (e.g., present whereabouts if known).

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

A.A. Defence H.Q., N.S.W. L of C Area.

Unit.

Army Form W.3009C
(page 2)

Part D. Detail by Trades of Surplus or Reinforcements required as shown in Part A of Army Form W.3009C.

DETAIL OF SPECIALISTS, TRADESMEN, ETC.	SURPLUS TO ESTABLISHMENT.									REINFORCEMENTS REQUIRED.									REMARKS.
	W.Os. Class I.	W.Os. Class II.	W.Os. Class III.	Staff Serjeants.	Serjeants.	Corporals.	Buglers.	Privates, etc.	Total.	W.Os. Class I.	W.Os. Class II.	W.Os. Class III.	Staff Serjeants.	Serjeants.	Corporals.	Buglers.	Privates, etc.	Total.	
Armament Artificers—Fitters																			
Armament Artificers—Instruments																			
Armament Artificers—Instruments —Wireless																			
Ammunition Examiners																			
Armourers																			
Blacksmiths																			
Carpenters and Joiners																			
Clerks										1								1	
Coppersmiths																			
Driver Mechanics																			
Draughtsmen (Mech.)																	1	1	
Electricians																			
Fitters																			
Fitters (Motor Vehicle)																			
Grinders (Precision)																			
Hammermen																			
Instrument Mechanics																			
Machinists (Metal)																			
Moulders																			
Motor Mechanics																			
Motor Assemblers																			
Painters and Decorators																			
Pattern Makers																			
Push Cycle Repairers																			
Riveters																			
Saddlers and Harness Makers																			
Saw Doctors																			
Sawyers																			
Shoemakers																			
Storemen																			
Textile Refitters																			
Tinsmiths and Whitesmiths																			
Toolmakers																			
Turners																			
Vulcanizers																			
Watch Makers																			
Welders (Acetylene or Electric)																			
Wheelers																			
Wireless Mechanics																			
Wood Turners and Machinists																			
Lt. Lt. RAA. IFC													1					1	
D.R.																	1	1	
Non-Tradesmen																	1	1	
TOTALS (to agree with Columns 3 and 4 of Part A).										1			1				3	5	

A.A. Defence H.Q., N.S.W. L of C Area.

Unit.

Date of Despatch 26-9-42

Signature of Commander.

Capt.
Staff Capt. A.A. Defence H.Q. N.S.W. L of C Area

Bde., Divn., Area, etc., with which unit is serving.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

War Diary

Appendix X

TO BE MADE UP TO AND FOR SATURDAY IN EACH WEEK.

FIELD RETURN OF OTHER RANKS.

WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required).

Army Form C. 2118
(adapted,)

H. 100M 2/42

Unit H.Q. A.A. DEFENCES N.S.W. L. OF C. AREA.

Date and Time.—From 1 OCT 42 To 31 OCT 42

Place	Date 1942	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
SYDNEY	1 Oct	1000	Lt-Col Shrimpton (AADC Kembla) calls and confers with Brig E.M. Neylan M.C., Comd. A.A. Defences N.S.W. L of C Area.	
			Sgt C Tulip (A.Q.M. Kembla A.A. Group) calls and interviews Maj Hudson (D.A.Q.M.G.) on Stores.	
			Sgt Colledge (F.C.I. Kembla A.A. Group) calls and discusses ~~with Lieut Lee (F.C.I. these H.Q.) matters relating to G.L.~~ at Port Kembla and to training of Operators.	
		1330	Lt-Col Shrimpton to Bankstown on Air Co-op over Kembla Area.	
			Major Polglaze (D.A.D.O.S.(E) A.A.D. N.S.W. L of C Area) proofs mountings 3.7" A.A. at Newcastle (Mayfield site)	
			Lt-Col Robinson (Comd AA S/L A.A.D. N.S.W. L of C Area) interviews Major Moore re camouflage at Clempton Park Hy Gun Site.	
			Lieut Lee with Capt Kingsnorth (R.A.O.C.) and Sgt Wheatley (F.C.I. Sydney A.A. Group) inspects G.L. Mk.II Equipment at Rose Bay and Kensington then makes recce for possible G.L. sites at Artarmon, George's Heights and North Head. These ~~three sites in present state would give very poor G.L. results~~ owing to nature of ground. To get best results it will ~~be necessary to lay down a mat.~~	JBZ.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required).

Army Form C. 2118
(adapted,)

H. 100M 2/42

Unit H.Q. A.A. Defences N.S.W. L of C Area.

Date and Time.—From To

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
	2		Capt Black (Staff Capt these H.Q.) to Adv L.H.Q. Brisbane to finalise matters outstanding with 2 Aust Hy AA Regt on the disbanding of 2/1 Aust A.A. Bde - whilst there conferring with Lt-Col Andersen G.S.O.1 Arty Adv L.H.Q. as to sending of Lt A.A. Bty and reinforcement personnel to N.G.	
			Lt-Col Robinson confers with Major Marnie ref accommodation on A.A. Gun and S/L sites.	JGZ.
	3		Capt Mosley (B.M. these H.Q.) to V.B. ref Chemical Warfare.	JGZ.
	5		Lt-Col McEwin (C.O. 108 Aust Lt A.A. Regt) calls and interviews Comd and Maj Hudson.	
			Lieut L.J. Johnstone calls on Comd, who advises him to report for duty to Lt-Col Manning (A.A.D.C. Newcastle)	
			Maj Hudson and Lieut Kearns (I.O. these H.Q.) to H.Q. 32 Aust Hy A.A. Bty to enquire into excess rations and on general inspection.	
			G.L. sited at Link Hy Gun Site Newcastle.	JGZ.
	6		Lt-Col Robinson to H.Q. 221 Aust Lt A.A. Bty Bankstown - good work being done on buildings by unit personnel	
			G.L. Mk.II sited at Iron Cove.	JGZ

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required).

Army Form C. 2118 (adapted,)

H. 100M 2/42 Unit ..... Date and Time.—From ..... To .....

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
	7		Lt-Col Andersen calls and confers with Comd.	
			Comd. receives copy Telegram from Landops Brisbane to Milbase Sydney whereby M.G.R.A. has approved of leave for 2/3 and 2/9 Lt A.A. Btys Moresby and Milne Bay. Replacements to be from 111 Aust Lt A.A. Regt.	Appendix I
			Lt-Col Dalton (C.O. 111 Aust Lt A.A. Regt) confers with Comd on proposed move of 156 Aust Lt A.A. Bty.	
			Capt Edwards (A.A.L.D.) calls on Comd. Capt Edwards appointed L.S.O. A.A.D. N.S.W. L of C Area.	
			Lt-Col Hughes-Hallett (C.O. 112 Aust Lt A.A. Regt) calls and confers with Comd. on A.A. set-up in N.S.W. L of C Area.	
			Lt-Col J.A. Hipworth M.M., E.D. (C.O. 113 Aust Lt A.A. Regt) calls and confers with Comd.	
			Maj Hatfield and Capt Stephens (P.T.I. Staff) confer with Comd. on matters relating to physical training of A.A. personnel.	
			Sgt Wilson ("G" Clerk and Pay Sgt) m/o to 2 Aust AA Trg Regt.	
			Lieut Lee, with Maj Gilchrist (C.I. Army School of R.P.) and Capt Tier (G.S.O.II R.D.F. L.H.Q.), inspects G.L. equipment at Rose Bay and Kensington Gun Sites, also prospective G.L. Site North Head.	

WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required).

Army Form C. 2118 (adapted,)

H. 100M 2/42 *Unit* ..... *Date and Time.—From* ..... *To* .....

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
	8		Lieut Kearns and W.O.I Nelson (R.S.M.) attend all day Conference for Adjutants and Orderly Room Sergeants at Sydney Showgrounds.	
			Comd and Lt-Col Hughes-Hallett to H.Q. 110 Aust Lt A.A. Regt on inspection then to inspect G.O.R. (Sydney)	
			Lt-Col Dalton and Capt Heath (Adjt) confer with Comd and Capt Mosley on the movement of 156 Aust Lt A.A. Bty.	
			Lt-Col Robinson discusses with Maj Young generally on camouflage of A.A. Gun Sites.	
			Lt-Col Robinson calls on Capt Russell re S/L accommodation at Bronte, Mortdale, Strathfield, Auburn and on Dept of Interior re commencement of Springhill Gun Site Port Kembla.	
				JGJ.
	9		156 Aust Lt A.A. Bty with W/Shop and Sigs dets (Total 6 Offrs and 227 O.R's) also 3 Offrs and 90 O.R's put on 72 hours notice to move as from 0900 hrs 12 Oct 42.	
			Lieut Kearns to V.B., interviews L.S.O. on advisability of preferring charges against personnel who, under age, make false attestation as to age and name on enlistment - Advised that it is more satisfactory and economical to restrict action to discharge.	JGJ.
	10		Capt Black returns from Brisbane.	
			Amend No.2 to Location Statement 02437 issued	JGJ. Appendix II

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required).

Army Form C. 2118 (adapted,)

H. 100M 2/42 *Unit* ..... *Date and Time.—From* ..... *To* .....

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
	11		Lt-Col Anderson calls on Comd.	
			Weather - morning fine - light breeze bearing S.E. during ~~afternoon, increased in velocity blowing up heavy cloud formations~~ - low ceiling - visibility poor.	JGF.
	12		Lieuts Lee and Bravington to Newcastle with Capt Kingsnorth ~~to inspect G.L. and recce for sites.~~	
			Lieut Kearns to C.O's Conference then to Capt Moran I Branch. Discusses ref. distribution of Intelligence Summaries.	
			Capt Gosling (O.C. 8 Aust Hy A.A. Bty) interviews Major Hudson on W.E.T. etc. stores.	
			Movement Order for 156 Aust Lt A.A. Bty received.	
			Comd and Maj Hudson to Moorebank ref. release of G.L. and displacement corrector, then to H.Q. 111 Aust Lt A.A. Regt ~~and Warwick Farm Racecourse where they view 156 Aust Lt A.A.~~ Bty on loading equipment - H.Q. and 2 Tps to move tomorrow, ~~at 1100 hrs, 2 Tps and W/Shop to entrain tomorrow.~~	
			Early a.m. driving rain from S.E. continued throughout day.	JGF.
	13		Weather conditions unchanged - wind almost at gale force, bearing from NORTH and N.E. Much damage at Cronulla. Heavy harbour disturbances. Manly ferrys cease running.	
			Maj Rushton (C.I. School of Arty A.A. Wing) confers with Comd.	JGF.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required).

Army Form C. 2118 (adapted,)

H. 100M 7/42 Unit ..... Date and Time.—From ..... To .....

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
	14		Major Huntley (AAMC) confers with Comd and Capt Mosley on establishment of Medical attachment for AAD NSW L of C Area.	
	15		Letter received from HQ NSW L of C Area with copy letter from LHQ stating that is is not proposed to delegate powers of a Formation Comd under AMR & O 15 (2) to Comd's of CFD - AA Defences - VDC.	Appendix III
			Comd to S.M.E. - lecture on camouflage.	Simulation of flash raised but point made that gun-drill must not be forgotten.
			Sig received to move G.L. equipment to Moresby and Fall River Areas.	
			~~Maj Hudson to Vic Barracks - confers with AQMG - then with~~ Lieut Kearns to MC.	
			Major Rushton shows instructional films to personnel at these H.Q.	
			Lt-Col Robinson to LHQ Melbourne.	
	16		Lieut-Col Dalton confers with Comd.	
			Capt Tier confers with Comd.	
			Lt-Col Robinson discusses with MGRA, Major Wright and Major Coates, E in C's Branch LHQ, future AA S/L Policy.	
			Sydney A.A. Group warned by Capt Mosley that fifteen (15) Operat-ors.F.C. will be required to move to a tropical Station not before 1200 hrs 23 Oct 42. Secret Memo T.I.O./G.L./No.9 16 Oct 42 issued	Appendix IV

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required).

Army Form C. 2118 (adapted,)

H. 100M 2/42 *Unit* ..... *Date and Time.—From* ..... *To* .....

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
	17		Comd and Major Hudson attend Saluting Base (Town Hall, Sydney) at A.W.A.S. etc. Recruiting Procession at which Lady Gowrie C in C.A.W.A.S. took salute.	
			Major Polglaze and Capt Mosley to 3.7" A.A. Shoot from North Head.	
			Lieut Kearns to Eastern Area in conference with Lt-Comd Nixon RAN ref. Recognition Signals - subsequently to Garden Island Cipher Officer on same matter.	
			Lieut Lee inspects G.L. site North Head, and issues instructions for re-siting - application for 'phone installation and general maintenance.	
	18		Comd, Major Polglaze, Capt Mosley, Capt Black and Lieut Kearns to mobile 3.7" A.A. Shoot at North Head.	
			Officers from 103 Aust Hy AA Regt manned guns.	
	19		Capt Black to CO's conference Victoria Barracks - subsequently ~~to conference with Major Taylor DAAG (O) ref Movements~~ generally.	
			Lt-Col Shrimpton calls - conference with Comd on personnel and training matters generally and on operational roles.	
			Lt-Col Meredith (Adv LHQ) calls on Comd. Conference re W.E's and disposition of Hy A.A. Btys in North Areas.	
			Lieut Kearns to Garden Island to discuss with Pay Lieut Sisley of Cipher Office Aircraft Recognition Signals.	

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required).

Army Form C. 2118 (adapted,)

H. 100M 2/42 *Unit* ..... *Date and Time.—From* ..... *To* .....

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
	20		Lieut Lee confers with Dr Martin (Chairman, R.P. Operational Research Group) on radio interference with Signals communications caused by G.L. Mk. II equipment now being experienced at North Head (Blue Fish). Dr. Martin of opinion that the trouble is common throughout Australia and that MGRA has directed ORG to investigate possible means of elimination.	
			Comd directs that GL at North Head shall be available when and as required by ORG for testing purposes.	
			Comd advised by Eastern Area that proposed underground GOR at Bass Hill (Bankstown) would be commenced within the next 14 days and would be completed within 3 months of date of commencement. Steps are being taken to ensure that the area is declared prohibitive for the erection of High Tension Cable etc.	
			Capt Mosley and Lieut Kearns to 2 Aust AA Trg Regt where Gas School is being conducted - observe effect of A/C spraying liquid "gas".	
			Comd notified by LHQ by 'phone that 156 Bty is to be ready to move. HQ and 2 Tps.	463.
	21		Major Hudson and Lieut Lee to M.C. to arrange for movement of G.L. Mk.II and towing vehicles to New Guinea.	463.
			(over)	

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required).

Army Form C. 2118 (adapted,)

H. 100M 2/42 Unit ..... Date and Time.—From ..... To .....

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
	21	0020	GCO Z.1 reports (1) that Controller Fighter Sector has ordered all Gun Stations to stand to - unidentified A/C (heard target) over Mascot, proceeding North at an estimated speed of 150 m.p.h. (2) Also that Kembla Area had had "yellow" warning earlier in the evening.	
		0112	GCO Z.1 reports that Gun Stations had been ordered to stand down.	
		1000	Lieut Kearns to GOR (Z.1) with reference to movement of above unidentified A/C.	
			Capt G.M. Edwards (ex 1 Aust Mot. Div.) m/i as LSO HQ AAD NSW L of C Area.	JGJ.
	22	1700	Capt Barton G.III (Arty) Adv LHQ to Comd by 'phone. AAD to arrange that one (1) G.L. Mk.II complete with towing vehicles, 1 Offr and 15 O.R's DP1 Rating should be at Brisbane by 1100 hrs 26 Oct 42.	(See entry 16/10/42)
			Capt Barton by 'phone instructs movement by Road of G.L. Mk.II to Brisbane. See Movement Order.	Appendix.
			Lieut Kearns to NRMA to check on condition of roads Sydney to Brisbane.	JGJ.
	23	0700	G.L. Convoy ex 21 FOD (Moorebank)	Appendix V
		1100	Lieut Squires and Lieut Brooks OME's RDF visited Rose Bay	

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required).

Army Form C. 2118
(adapted,)

H. 100M 2/42 *Unit* ..... *Date and Time.—From* ..... *To* .....

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
	23		Lee Gun Station with Lieut/to obtain operational details prior to departure for W. Australia.	
			Lt-Col Manning (AADC Newcastle) reports by 'phone that convoy (G.L.) as above had arrived at Adamstown at 1300 hrs, in good order and condition and had proceeded on its way.	
			Lt-Col Hudson (CO Moresby AA Group) reports to Comd on verbal instruction through C.I.C. to Comd 108 Aust Lt AA Regt. Radio confirmation to follow.	
	24		Letter to AAG (O) HQ NSW L of C Area with request to give further consideration to delegation of Powers of Formation Comd to Comd AA Defences.	Appendix VI
			Major Huntley AAMC AAD confers with Comd.	
			Comd discusses with Capt Fletcher (LHQ) reporting re Lt-Col Hudson and for approval of MGRA for Lt-Col Hudson to proceed to Melbourne on short leave and to report to MGRA.	
			H.Q. A.A. Defences Intelligence Summary No.8 issued.	Appendix VII
			Lt-Col McEwin calls on Comd.	
			Maj Rushton(C.I. School of Arty AA Wing) calls with results of recent School of Arty.	
			Lieut Hewitt, N.Z. Staff Corps, attached to these H.Q. whilst attending School of Arty (AA Wing) m/o.	
			Lieut-Col Robinson returns from Melbourne.	

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required).

Army Form C. 2118 (adapted,)

H. 100M 2/42 *Unit* ..... *Date and Time.—From* ..... *To* .....

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
	24	2003	Operators Fifteen (15) O/s.F.C. depart Central Railway Station Sydney for Brisbane to report to Adv LHQ.	JGZ.
	26	0730	Maj Hudson and Lieut Lee visit S.S. "Montoro" at Walsh Bay ~~and arrange for loading of G.L. Mk.II equipment.~~	See entry 21 Oct 42.
		0900	S/Sgt Mann, FCIA these H.Q.m/i.	
		1500	Comd, Maj Hudson, Capt Black and Lieut Lee visit "Montoro" and "Duntroon". G.L. Mk.II complete with towing vehicles loaded.	
			Major Manning C.O. A.W.A.S. and Capt Gehan call on Comd and discuss question of additional A.W.A.S. for A.A.D.	JGZ.
	29		Comd, Capt Mosley, Lieut Lee to Ryde on recce of proposed Hy Gun Site.	
			Maj Hudson, Capt Black to V.B. ref. movement of 32 Aust Hy A.A. Bty.	JGZ.
	30v		Capt Mosley and Lieut Kearns to Bofors Shoot North Head (2 Aust A.A. Trg Regt).	
			Major Hilton (Acting C.O. 108 Aust Lt A.A. Regt) with Capt Lyons (Adjt) call and confer with Comd on matters relating to organisation, training and policy within the Regt.	JGZ.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

WAR DIARY or INTELLIGENCE SUMMARY

(Erase heading not required).

Army Form C. 2118
(adapted,)

H. 100M 2/42 *Unit* ..... *Date and Time.—From* ..... *To* .....

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices, Diaries, &c.
	30		Memo 16499 of 29 Oct 42 received from DAAG (O) N.S.W. L of C Area with order warning of movement to Moresby of 438 and 439 Hy A.A. Gun Stations (type A) (32 Aust Hy A.A. Bty)	
			Received from H.Q. NS.W. L of C Area Order for Movement of 108 Aust Lt A.A. Regt from Ingleburn to Moorfield Racecourse 2/11/42.	
			W.3008 and W.3009 for W.E. 31/10/42	Appendix VIII.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

GR134 TOO 1800L/5 THI 1839 TOR 2115. 1

TO MILBASE SYDNEY

FROM LANDOPS BRISBANE

RA 54 5/

FOR BRIG. NEYLAN STOP ONE STOP MGRA HAS APPROVED EARLY MOVE FOLLOWING PERSONNEL TO N G TO RELIEVE 2/3 L/AA BTY AND PERSONNEL 2/9 L/AA BTY WHO HAVE NOT HAD LEAVE STOP FOR MORESBY PERSONNEL 156 L/AA BTY COMPLETE WITH PERSONAL CAPT 32 ORS FROM 111 L/AA REGT STOP FOR MILNE 3 OFFRS 58 ORS FROM 111 L/AA REGT STOP GUNS AND STORES ETC WILL BE TAKEN OVER ON ARRIVAL AT DESTINATION STOP ONLY CAPT TO BE TAKEN F W D PERSONAL CAPT STOP ORDERS FOR MOVEMENT WILL BE ISSUED BY LANDOPS STOP ADVISE URGENTLY WHEN DETAILS TO MOVE TO EACH PLACE WILL BE READY TO MOVE AND IF 156 L/AA BTY IS SUITABLE STOP HAVE DISCUSSED WITH CAPT BLACK WHO CONSIDERS SUITABLE STOP TWO STOP LT. COL ANDERSON ARRIVING SYDNEY 0630 HRS WEDNESDAY CAN YOU ARRANGE TPT AND DISCUSSION DURING MORNING 7 STOP

S.O.C. COL i/c, A.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

War Diary

SECRET

SECRET A.A. DEFENCES N.S.W. L. OF C. AREA COPY NO. 24

LOCATION STATEMENT 02437

Amendment No.2 as at 0900 hrs 10th October 1942.

03318

Serial 1 Col "D" Delete "Maj J.A. Robinson" and insert "Lt-Col J.A. Robinson"

9 Below "H10" in Cols "B", "C", "E", "F", "G", "K" and "N" insert "C10": (C.L. Set): "XU1173": "Nth Head": "Sydney": "304232": and "1" respectively.

13 Below "H7" in Cols "B", "C", "E", "F", "G", "K" and "N" insert "G7": (G.L. Set): "WA1888": "Darnstaple Rd Pivedock": "Sydney": "145162" and "1" respectively.

19 Col "B" Delete "G2" and insert "C3"

34 Col "E" Delete "001091" and insert "008095"

Col "H" Delete "991085" and in Col "K" opposite delete "1"

35 Col "H" Below "215179" insert "213174" and in Col "K" opposite insert "1"

72 Below "H3" in Cols "B", "C", "E", "F", "G", "K" and "N" insert "C3": (C.L. Set): "Stockton 6": "Link Military Camp Fullerton Cove Stockton": "N'castle": "819362": and "1" respectively.

77 Col "B" Delete "C11" and insert "C5"

111 Col "B" Delete "G21" and insert "C1"

112 Col "L" Delete "5" and insert "1"

116 Col "D" Delete "Lieut R.K. Gray" and insert "Lieut A.J. Mollard"

124 Col "M" Delete "2" and insert "3"

126 Col "M" Delete "2" and insert "3"

127 Col "M" Delete "2" and insert "3"

132 Col "M" Delete "2" and insert "3"

133 Col "L" Insert "1"

Col "M" Delete "2" and insert "3"

134 Col "M" Delete "2" and insert "3"

135 Col "M" Delete "2" and insert "3"

136 Col "M" Delete "2" and insert "3"

137 Col "L" Insert "1"

Col "M" Delete "2" and insert "3"

141 Col "D" Insert "Lieut B.E. Egan"

144 Col "D" Insert "Lieut J.C. Petrie"

Equipment Totals.

Col "L" Delete "144" and insert "142"

Col "M" Delete "124" and insert "133"

Col "N" Delete "4" and insert "7"

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

SECRET

Appendix "A" - Signals A.A. Defences

Serial 204	Col "1" -	Postal Address - Delete "Australia" and insert "Sigs N'castle A.A. Group C/- Mayfield P.O."
	Col "3"	Delete "FX2650" and insert "Waratah 40"
	Col "4"	Delete "Kensington Racecourse" and insert "Murray Dwyer Orphanage Mayfield"
	Col "5"	Delete "Sydney" and insert "Newcastle"
	Col "6"	Delete "236099" and insert "747349"
Serial 205	Col "1" -	Postal Address - Delete "C/- Mayfield P.O." and insert "Australia"
	Col "3"	Delete "Waratah 40" and insert "UA5231"
	Col "4"	Delete "Murray Dwyer Orphanage Mayfield" and insert "Canterbury Racecourse"
	Col "5"	Delete "Newcastle" and insert "Sydney"
	Col "6"	Delete "747349" and insert "116119"

Appendix "B" - A.A.O.C. A.A. Defences.

Serial 302	Col "2"	Delete "Lieut J.W. Kemp" and insert "Capt J.W. Kemp"
304	Col "3"	Delete "XM3008 Ext 25" and insert "XM5622"

Insert New Serial

306	Col "1"	Insert "8 Aust Hy A.A. Ord W/Shop Sec (Attached 57 Aust AA S/L Ord W/Shop Sec) Postal Address: Box 78 Kembla Fixed Defences Port Kembla"
	Col "2"	Insert "Lieut L. Audet"
	Col "3"	Insert "Kembla 194"
	Col "4"	Insert "Comrol House King St. Warrawong, Pt. Kembla"
	Col "5"	Insert "Wollongong"
	Col "6"	Insert "887409"

ACKNOWLEDGE.

R.S. Mosley

(R.S. MOSLEY) Capt.
D.M. H.Q. A.A. DEFENCES
N.S.W. L. OF C. AREA.

Distribution

As for Amt. No.1

12 OCT 1942

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

507/1/1288

Land Headquarters,
Victoria Barracks,
MELBOURNE, S C I
15 Oct 42.

Headquarters,
NSW L of C Area

DELEGATION OF POWERS - C.F.D. - AA DEFENCES - V.D.C.

With reference to your 170437 of 31st August, 1942 relative to the above matter, it is advised that it is not proposed to delegate the powers of a Formation etc. Commander under A.M.R. & O 15 (2) to the Commanders of the above Formations.

The delegation to those Commanders of power to convene District Courts Martial, is however, under consideration and you will be further advised in due course.

Colonel
for Adjutant General.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

APPENDIX 1V

W A R D I A R Y

H.Q. A.A. DEFENCES
N.S.W. L OF C AREA

OCT 42

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

SECRET

H.Q. A.A. Defences,
N.S.W. L of C Area.
Box 21, ROSE BAY.

03490

16 Oct 42.

T.I.O./G.L./NO.9 - 16 OCT 42

G.L. MK.II RECEIVER - AERIAL HEIGHTS

1. Subtended hereto is Table of Aerial Heights for Mk.II Receiver. All measurements are taken from the datum mark at 70 Mc/s:-

FREQUENCY IN Mc/S	CODE LETTER	MOVEMENT OF AERIALS FROM APPROPRIATE DATUM MARK U.E.	REFL.	L.E.	B.	RANGE
BEARING AERIAL 0.6 LAMBDA						
58	A	+4'1¼"	+4¼"	+2'2"	+1'9"	+1'5"
61	B	+2'10¼"	+3"	+1'7"	+1'3"	+1'0"
64	C	+1'9⅜"	+2"	+1'3⅜"	+ 9½"	+ 7½"
67	D	+ 11¼"	+1"	+ 3½"	+ 3½"	+ 3¼"
70	E	0	0	0	0	0
76	F	-1'8"	- 1⅜"	- 10⅜"	- 8"	- 6½"
73	H	- 9"	- ⅜"	- 6⅜"	- 4¼"	- 3½"
BEARING AERIAL 0.5 LAMBDA						
58	A	+ 4'1"	+ 4¼"	+ 2'7¼"	To be set	+1'5"
61	B	+2'10⅜"	+ ⅜"	+ 2'1"	In line	+1'0"
64	C	+1'9⅝"	+2"	+1'3¾"	With range	+ 7½"
67	D	+ 7"	+1"	+ 7¼"	Aerial by	+ 3¼"
70	E	- 3"	0	- 4¼"	Sighting	0"
76	F	- 1'11"	- 1⅝"	- 10⅝"	Along	- 6½"
73	H	- 1'0"	- ⅜"	- 5⅝"	Aerial tubes	- 3½"

2. It must be emphasised that the aerial heights given in this instruction are for use in the initial setting up process, but as a result of calibration, it may be found necessary to adjust the position of the lower elevation dipole.

3. Please Ack.

Geoff Lee

(G. LEE) Lieut.
F.C.I. H.Q. A.A. DEFENCES
N.S.W. L. OF C. AREA.

Distribution

Sydney	A.A. Group	1 - 10
Newcastle	A.A. Group	11 - 14
Kembla	A.A. Group	15 - 17
A.A. Workshop		18
C.R.E.		19
M.G.R.A.A. G.H.Q. (for information)		20
L.H.Q. School of R.P. (for information)		21
File		22
War Diary		23 - 24

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APPENDIX V

W A R D I A R Y

H.Q. A.A. DEFENCES
N.S.W. L OF C AREA

OCT 42

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

HSB/SA

MOST SECRET

H.Q. A.A. Defences,
N.S.W. L of C Area.
Box 21, ROSE BAY.

Adv L.H.Q.	(1)
H.Q. N.S.W. L. of C. Area	(1)
1 Aust Movement Control	(1)
2 Aust A.A. Trg Regt	(1)
103 Aust Hy A.A. Regt	(1)
110 Aust Lt A.A. Regt	(1)
111 Aust Lt A.A. Regt	(1)
1 Aust AA S/L Bn	(1)
A.A.D.C. Newcastle	(1)
2/2 Aust Hy A.A. Regt	(1)
Officer i/c Convoy	(3)
File	(1)
War Diary	(2)

03633

MOVEMENT ORDER

1. Movement detailed below is of the utmost urgency and the co-operation is desired of all to whom this Order may come, in addition to addressees.

2. Intention.

One (1) G.L. Set Mk.II, complete with three (3) Lorries 3-ton and one (1) Truck 30-cwt, will depart SYDNEY and move to BRISBANE with personnel by route and, so far as possible, according to timetable below.

3. Provision of M.T.

M.T. will be provided as follows:

3 Lorries 3-ton	by	~~1 Aust AA S/L Bn~~ 103 Aust Hy. AA Regt.
1 Truck 30-cwt.	by	110 Aust Lt A.A. Regt.

4. Route and Timetable.

Dep	SYDNEY	0600 hrs	23 OCT 42
Arr	TAMWORTH	P.M.	23 OCT 42
Dep	TAMWORTH	A.M.	24 OCT 42
Arr	TENTERFIELD	P.M.	24 OCT 42
Dep	TENTERFIELD	A.M.	25 OCT 42
Arr	BRISBANE	NOT LATER THAN 1100 hrs	26 OCT 42

On arrival, Officer i/c Convoy will report to Adv L.H.Q. for instructions.

5. Convoy Discipline.

Convoy distance will be 100 yds - at no time will Convoy speed exceed 15 m.p.h.

The number of M.I.H. will be under control of the Officer i/c Convoy. Movement by night will only be with full headlamps.

6. Personnel for Conducting Party - detailed as follows:

Officer i/c	Lieut E.H. Almond	2 Aust A.A. Trg Regt
	L/Sgt J.K. Walker	103 Aust Hy A.A. Regt

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6. Personnel for Conducting Party (Cont)

8 Drivers M.T.	1	to be detailed by	103 Aust Hy AA Regt
	4	" " "	110 Aust Lt AA Regt
	3	" " "	111 Aust Lt AA Regt

7. Dress Etc.

K.D., and S.D. to be carried - also blankets, messing gear and personal necessities.

8. Rations, Meals, Etc.

Rations to be carried will be arranged by H.Q. A.A. Defences. Hot meals will be available at Staging Camps at TAMWORTH, TENTERFIELD and BRISBANE.

9. P.O.L. and Water.

P.O.L and Water as arranged by H.Q. A.A. Defences, will be carried and will be available at Staging Camps. This Order will be taken as an authority to draw any further supplies at Staging Camps or any other point on route. Forms A.A. 55(a) will be supplied by H.Q. A.A. Defences to Officer i/c Convoy.

10. Arms, Guards, Etc.

All O.R's will carry Rifles and 10 rounds S.A.A. Camp Staff Officers on route are requested to comply with any requests by Officer i/c Convoy regarding protection of vehicles and equipment so that Drivers M.T. may have as much rest as possible.

11. Liaison.

Officer i/c Convoy will advise Lt-Col J.S. Andersen or Capt J.M. Barton of progress, firstly by call from TAMWORTH to 'phone (BRISBANE) BO 171 (Ext. 210) as to progress, and subsequently at intervals of 12 hours or as may be arranged with Lt-Col Andersen or Capt Barton.

Arrangements have been made for A.A.D.C. NEWCASTLE ('phone WARATAH 40) to contact Convoy in the vicinity of WARATAH on 23 OCT 42. A.A.D.C. NEWCASTLE will report to these H.Q., by 'phone, the progress of Convoy at that stage.

Officer i/c Convoy will call on 2/2 Aust Hy A.A. Regt ('phone BRISBANE - JY 1224) for such assistance as may be necessary prior to or on arrival at BRISBANE.

12. Return Journey

As instructed by Adv L.H.Q. (Lt-Col J.S. Andersen or Capt J.M. Barton).

13. Security.

Officer i/c Convoy will instruct all O.R's that Movement is MOST SECRET and will take all necessary Security measures.

Note:

Peat's Ferry Timetable

South to North

Dep for North Bank:

15 mins to hour
15 " past hour

E.M. Neylan

(E.M. NEYLAN) Brig.
COMD. H.Q. A.A. DEFENCES
N.S.W. L. OF C. AREA.

Issued at 2115 hrs 22 Oct 42.

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

APPENDIX V1

W A R D I A R Y

H.Q. A.A. DEFENCES
N.S.W. L OF C AREA

OCT 42

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VI

A.A.G. (O)
HQ NSW L of C Area.

HQ AA Defences,
NSW L of C Area,
Box 21, ROSE BAY.
24 Oct 42.

DELEGATION OF POWERS - A.A. DEFENCES.

Reference your 507/1/1288 (205638) of 18 Oct 42 annexing copy L.H.Q . 507/1/1288 of 15 Oct 42 :

It is desired to draw attention to the great inconvenience and delay in all matters, and particularly as to administration, which must result from the very limited powers available to me as Commander of AA Defences, NSW L of C Area.

2. The strength of units under my command on W.E. amount to approximately 10,000 officers and other ranks. They are widely dispersed and are subject to continuous changes of personnel and equipment, necessitating prompt action and decision in many matters only within the powers of a Formation etc., Commander.

3. To take one example of the difficulties which will be encountered:
The convening of Courts of Inquiry into accidents to Motor Vehicles. The delay which must occur from having to refer all these to H.Q. NSW L of C Area to be convened will inevitably result in making the completion of these Courts difficult or impossible owing to transfers of personnel and equipment or movement of unit to another Area, outside this Command, between the occurrence and the assembling of the Court.

4. Similar delays in other branches of administration within this Command will inevitably detract from its efficient operation.

5. In view of the size and complexity of AA Defences, NSW L of C Area, both in the number of units and personnel under Command and the wide dispersal of same, it is requested that the question of delegating fuller powers to the Commander be taken up again with LHQ.

(E.M.NEYLAN) Brig.
COMD. HQ AA DEFENCES.

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AWM2019.366.1980

APPENDIX V11

W A R D I A R Y

H.Q. A.A. DEFENCES
N.S.W. L OF C AREA

OCT 42

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SECRET

03746

COPY NO. 87

H.Q. A.A. DEFENCES N.S.W. L. OF C. AREA

VII

INTELLIGENCE SUMMARY NO.6

Based on information received at 0900 hrs 24 Oct 42.

PART I - OWN TROOPS

1. Bush Fire Risk.

A table showing relative bush fire risk in different types of NSW timber is set out below.

Fire risk in the various classes varies with the density of the timber. Timber in Class 6, when in dense forest, is about equivalent in fire risk to timber in Class 1.

Notes on changes in the Bush Fire Risk in areas will from time to time be included in these summaries.

FOREST TYPE

Class 1	Blackbutt - Red Mahogany
2	White Mahogany - Grey Gum.
3	Blackbutt - Blue Gum.
4	Messmate - Peppermint - Mountain Gum - Stringybark.
5	Grey Box - Red Gum - Ironbark.
6	Spotted Gum - Iron bark.

N.B. These types are in order of inflammability except that Class 6 varies according to density and associate species and is often of equal risk to Class 1.

(HQ NSW L of C I.S. Serial No.3)

2. Security.

(a) Rumours.

Reports have been received attributing statements to Tokio Radio and other Japanese stations which have not in fact been made.

Three examples, chosen at random, are:-

a. It was reported that within five days of the formation of an Operational Training Unit a Japanese broadcast gave its location and warned its personnel that it was not worth while training because they would never have the chance to fight.

b. It was reported that Tokio Radio broadcast that Mosman (near Sydney) would be spared when Sydney was bombed because its people had been kind to Japanese Woolbuyers. (Another story was that Mosman would be devastated because its people had been unkind to them).

c. Tokio Radio was reported to have given the exact number of U.S. troops going into camp at a Victorian Town, within a few hours of their arrival. (This story had wide currency in a RAAF Unit in the neighbourhood, as well as in the town. Spies were detected and reported and the local newspaper denounced the lack of security, incidentally reporting the arrival of the troops in the process of denunciation. The story was eventually tracked down to a Sergeant of the Police who apparently invented it for amusement).

In none of these instances nor in any of the countless others reported, was there the slightest foundation for the rumour.

It is quite probable that such rumours are spread by agents. They gave Tokio Radio, at the worst of the crisis, the reputation for omniscience which greatly increased its propaganda power.

(HQ NSW L of C Area I.S. No.3)

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(b) Information at Convoy Times

The recent "blanket" on communications from the Brisbane area, to prevent leakage of information concerning the sailing of a convoy, proved an unqualified success for about seven days. By that time people got to know of the restrictions imposed, and thereafter, and until the restrictions were lifted, thousands leaving Brisbane carried numerous postal articles for posting outside the area affected by the restrictions (From Advanced H.Q. Allied Land Forces. W.I.S. No.4)

(SWPA AAF I.S. No.31)

The danger of disclosing information relating to Troop Movement MUST be stressed to all personnel.

(c) New Equipment

The following A.F.C.O. (226/1942) has recently been issued:-

"It is essential that the production or arrival in Australia of any new type of war equipment should be kept strictly secret and that no use should be made of, nor reference made to, the name of such equipment, except when absolutely necessary, and then only in a SECRET communication,

(SWPA AAF I.S. No.31)

PART II - ENEMY - JAPANESE

1. Enemy Casualties.

Estimate of Japanese aircraft casualties in all theatres resulting from Allied operations from 2nd to 7th September, inclusive:

Locality	Destroyed	Probable	Damaged
Solomons	13	-	-
Australia Station	4	-	1
	17	-	1
Previously estimated to 2/9	1926	295	489
	1943	295	490

Total enemy losses on Australia Station included in the above figures are:-

Destroyed : 479

Probable : 177

Damaged : 235

(SWPA AAF I.S. 32)

2. Material.

(a) Aircraft.

(i) Aichi Type 99 Navy Dive-Bomber.

The above type of A/C has been reported as operating in North Eastern Area. A brief summary of the performance and vulnerability of this A/C is listed hereunder:

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

(i) Aichi Type 99 Navy Dive-Bomber (Cont)

Description:- A single-engine, low-wing monoplane with raked leading edge and curved trailing edge, fixed landing-gear, single tail.
Maximum Speed: 240 miles per hour.
Range (with maximum bomb-load):- 875 statute miles at 190 miles per hour, carrying 814 lbs of bombs.
Armament:- 2 x 7.7 mm. machine guns, synchronized through propellor
1 x 7.7 mm. machine-gun, flexible.
Vulnerability: Fuel tanks, in wing stubs and underneath pilot, are not self-sealing.
Oxygen bottles: Just aft of the rear gunner in fuselage. The oxygen bottles, unusual in a dive-bomber, might indicate approaches at heights near its maximum ceiling of 26,000 feet.

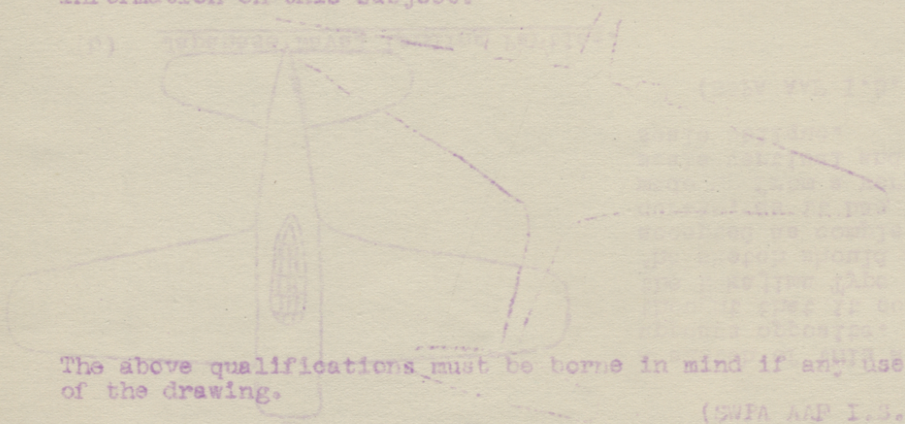
(SWPA AAF I.S. No.29)

(ii) Japanese Four Engined Bomber.

A four-engined bomber has been sighted at Lae. This aircraft has been severely damaged, but the approximate dimensions can be seen. They differ considerably from any known four-engined aircraft in operational use by the enemy.

The aircraft bears a distinct resemblance to the Type 96 Mitsubishi H/B, both in wing shape and overall dimensions. It is possible that two additional engines have been placed on the Type 96 H/B, by modification of the wing bracing etc. The possibility of dummy engines being put on to a damaged T96 H/B cannot be overlooked.

The drawing below should not be taken as exact or as indicating the existence of a new type. It must be clearly understood that it is intended for no other purpose than to stimulate further comment and to put all personnel on the watch for further information on this subject.



The above qualifications must be borne in mind if any use is made of the drawing.

(SWPA AAF I.S. No.29)

(iii) German Markings on Japanese Aircraft.

A twin-engined bomber, believed to have been a Type 96 Mitsubishi Heavy Bomber, was sighted during a strafing attack on Buna Aerodrome.

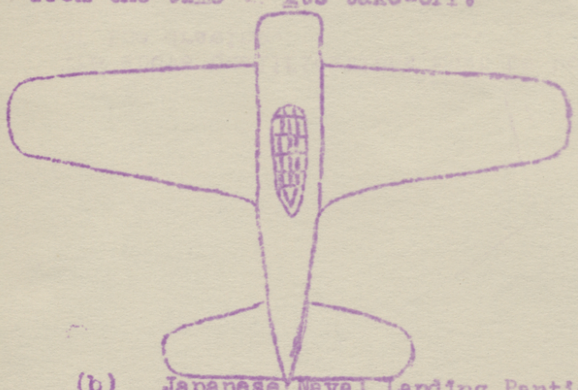
This aircraft had been destroyed by fire, but had German crosses on the fuselage and red circles on the wings.

(SWPA AAF I.S. No.30)

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

(a) Reported New Japanese Fighter.

The further reports of a new fighter aircraft with square wing-tips have been supplemented by photographs from the North Eastern Area. Combat pilots who have been engaged by this new type aircraft state that it has a superior performance to that of the Type "0" S.S.F. at altitudes above 20,000 feet. A B-172 pilot while flying at 28,000 feet was engaged in a frontal attack by this aircraft within 8 minutes from the time of its take-off.



A sketch of this aircraft appears opposite. It is thought that it could be the Nakajima Type "1". The sketch should not be accepted as completely accurate, as it has been made up from a very small-scale vertical and larger-scale oblique.

(SWPA AAF I.S. No.31)

(b) Japanese Naval Landing Parties.

The following information is derived from A.A.H.Q. Summary No. 4 and is supplementary to that contained in previous A.A.H.Q. Summaries. Certain comments have been added.

There are no marines in the Japanese Navy, but naval landing parties are often used as garrisons in enemy territory occupied by the Navy and also for active operations in co-operation with the Army or independently. One or more Bns or part of a Bn, may be employed.

Comment:- There are no marines in any of the Japanese forces. Our term "marine" is certainly not the equivalent for the Japanese "Rikusentai". These latter are formed from specially trained naval personnel and probably the best name to use is the widely known one "Naval Landing Parties". The organisational unit on which such parties are based is roughly equivalent to the military battalion.

In the course of the war with China, permanent naval garrisons have been established at Chefoo, Tsingtao, Shanghai, Amoy, Canton and Hainan Island, and also at various places on the Yangtse where amphibious operations are generally in progress. At present naval landing parties are operating independently in the Netherlands East Indies, at Menado, and in the Philippines, at Zamboang; it is probable that they will eventually form the garrison of these places.

Comment:- Naval landing party garrisons have also been reported at Guam, Salamaua, the north coast of Dutch New Guinea, islands between Celebes and Dutch New Guinea, Manus (Admiralty Islands) and Ambon. Such garrisons were also met at Guadalcanal and Tulagi. So far as it is known at present, no identifications by uniform, equipment etc. have yet been made at Mubo, Kokoda, Buna or Milne Bay, but it is probable that Naval Landing Parties are engaged in the two latter areas at least, either by themselves or in conjunction with Army units. These special parties are usually employed in amphibious operations and formed the spearhead of the Japanese offensive in China and elsewhere.

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Japanese Naval Landing Parties (Cont)

Naval landing parties are equipped to undertake any type of landing operations within the scope of their numerical strength, and may possess tanks and armoured cars. Their efficiency and the rapidity with which they can be organised speak well for the Japanese system of training.

All naval officers and men are trained in land warfare as well as seamanship. The two forms of training are carried out concurrently. They begin when a man joins his barracks as a conscript or volunteer and continue, ashore and afloat, as opportunity offers; progress in field training, as well as in seamanship, is recorded in a man's service certificate, together with any special qualifications, such as machine-gunner or tank driver.

There are always a large number of men in barracks and passing through technical schools, and plenty of trained reservists. The assembly at short notice of a landing party, complete with all its components is, therefore, a simple matter of drafting. Officers and men available are selected according to their recorded field training qualifications and can start operations without further training.

The usual strength of a naval landing party "battalion" is 2,000, organised in four companies. Three of the companies consist of six rifle platoons and one machine-gun platoon each, while the fourth company consists of three rifle platoons, one machine-gun platoon and an artillery unit of four guns. Tank and armoured car units are additional and are apparently only employed with permanent garrisons, such as that at Shanghai. Such tanks, etc., are usually characterised by the presence of the Naval insignia - an anchor - on the fore-part of the hull. A battalion of this description is generally commanded by a Captain; a larger force would be under the command of a Flag Officer. The garrison force at Shanghai, for example, which is normally about 2500, is commanded by a Rear-Admiral.

(SWPA AAF I.S. No.32)

(ii) Military Landing Craft.

Reports from Fall River area indicated the presence of enemy M.L.C. during the Milne Bay operations. These were stated to be 50 ft long, 10 feet beam, with square sides and stern. Assuming that these dimensions are approximate only, it would seem that M.L.C. may be of the "B" class (See Booklet published by D.M.I. "Notes on Characteristics - Japanese Army", Appendix VI, p. 41). General specifications of this type are as follows:-

Length - 40-45 feet: Beam - 10 feet: Speed: 8 - 10 knots: Draught - 3 feet:
Weight (approx) - 6 tons: Carrying capacity - 70 fully armed men:
Means of disembarkation - Double flap doors lowered by wires:
Armament - 1 Heavy M/G.

The craft is armour-plated from stem to stern. Engine and coxswain are also protected by armour. The "B" Class M.L.C. is believed to be adaptable for landing A.F.V's.

Comment: The operations in which these M.L.C. were burned by straffing from low-flying fighters were chiefly successful owing to the concentration of fire on the power-plant in the stern.

(SWPA AAF I.S. No.32)

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3. Tactics.

(a) Air.

(i) Missions of the Several Types of Aircraft.

a. Fighters:- The role of fighter aircraft is to draw off defensive fighters while bombardment aircraft attack ground installations; to attack airfields and transport; to protect bombardment aircraft in advance stages of task force operations; to destroy grounded aircraft by strafing in low-flying attack; to attack bombardment. Fighters equipped with floats have been reported in the Aleutians and the S.W.P.A.

b. Bombers:- In task force operations, after reconnaissance and preliminary sorties have been accomplished, bombardment aircraft take up the attack from bases 400 to 600 miles away. Operations against ground forces include area bombing, precision bombing, glide bombing and swing bombing.

c. Dive Bombers:- Dive bombers are used in the final stage of task force operations, or, initially, to destroy coast defences and anti-aircraft guns and to disrupt communications.

d. Torpedo Bombers:- Throughout action against naval vessels repeated attacks are made by torpedo bombers.

e. Flying Boats:- Flying boats accomplish reconnaissance in the preliminary stages of task force operations. They also perform day-light and long-distance night bombing missions, or alternatively, can be used as torpedo planes.

f. Combined aircraft:- Combined fighters, heavy bombers and dive bombers attack bases adjacent to the main point of task force attack on the day preceding and the day of the assault, with the objective of seizing an airfield to be utilised as a fighter base. Fighters equipped with extra fuel tanks escort bombardment aircraft on long-distance raids.

(ii) Fighter Tactics.

A common formation for ground attack is a Vee of three aircraft, flanked by echelons of two. If fighter opposition is encountered, echelon pairs meet it, whilst the Vee executes the ground attack. (Air Force Information Intelligence Summary (Washington) No. 7, 18 March, 1942).

Current (July) reports from S.W.P.A. affirm that Zeros are modifying their tactics by following P-40E's and P-39's in power dives. Allied Air Forces Intelligence reports the following:- A P-40 was attacked by Zeros at 24,000 feet, dived to 10,000 feet, was attacked again by the same Zeros, dived again and was attacked at 300 feet.

This manoeuvre may indicate the introduction of a structurally stronger Zero, or a new type of fighter plane.

A digest of reports indicates that U.S. bombers encounter Zeros as high as 29,000 feet.

A report from Alaska states that floatplane fighters (probably Mitsubishi-Nagoya Zero S.S.F. equipped with single floats) attacked U.S. bombers.

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(iii) Strafing:- Strafing is the manoeuvre of low flying aviation which swoops over its target and attacks with light cannons, machine guns and fragmentation bombs. The Japanese use the Zero and the T.97 fighter for this purpose. Using incendiary ammunition the strafing planes accomplish considerable damage in earlier stages of combat. The tactics employed are much the same as used by U.S. aviation, except that the Japanese low-flying planes weave in flight more than the U.S. planes (Coast Artillery Report on Manila - Bataan Military campaign).

Fifteen minutes before strafing, reconnaissance is made by a single Zero. For the attack seven Zeros approach at 7,000 feet in loose echelon. They come in low over the field, slowly, each concentrating on a grounded plane. They fire tracer ammunition until it scores, then follow with 20 mm. explosive. (A.A.F. Intelligence Summary No. 26, May 29, 1942).

(iv) Bomber Tactics:- In task force operations, close formations and straight, long runs are the tactics of horizontal bombing. The normal bombing altitude is 22,000 to 24,000 feet. Reports indicate that flights are often composed of 27 aircraft with Zero escort weaving above, below or to port. (Note that a Darwin report of a 27 aircraft raid emphasised that escorting fighters were slightly ahead of bombers on the way in and slightly behind on the way out.)

A digest of experience in the Philippine campaign indicates that bombardment operations against ground forces may be listed as:-

a. Area Bombing. When forced to bombardment ceilings by anti-aircraft, the Japanese use area bombing. They fly large formations and release bombs either in salvo or in train, depending upon dispersion to encompass the target.

b. Precision Bombing. "Spot" bombing operations are undertaken from altitudes of 7000 to 8000 feet, usually by flights of three aircraft. This type of bombardment is more accurate than area bombing, and is usually undertaken when there is no defensive anti-aircraft fire.

c. Glide Bombing. A form of precision bombing, frequently referred to as dive bombing but actually involving power glide only. The manoeuvre is usually undertaken by light bombardment aircraft. The attack is begun from approximately 10,000 feet. The airplane is nosed down toward the target at an angle of about 45°, levelled off at from 3000 to 2500 feet and bombs are released from level flight.

d. Swing Bombing. Under conditions where the limits of defending anti-aircraft fire have been definitely established, the Japanese sometimes engage in swing bombing. The aircraft is flown toward the target until the perimeter of anti-aircraft fire is reached. At that point a banked turn is made and the bomb released with a centrifugal "throw", toward the target. The inaccuracy of this manoeuvre is obvious.

S.W.P.A. during July continued to report that bomber flights were in multiples of three. The composition of a bomber formation over Darwin in June 1942, was a starboard flight of nine bombers at 21,000 feet, a middle flight of the same number, in line with the right flight but stepped up 250 feet, and a port flight similarly stepped up. Zeros weaved about the port side of the formation.

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Alaskan reports of July state that for an attack on Fort Mears, ten T-97 light bombers, escorted by five fighters, approached at 10,000 feet. The attack was followed three minutes later by a group of three in Vee formation; five minutes later a flight of four in diamond formation attacked; five minutes later a fourth attack followed.

(v) Dive Bombing: Naval sources indicate that the general practice of the Japanese in dive bombing attacks is to approach the objective at about 12,000 feet. As the objective is approached, the altitude is gradually worked down to about 7,000 feet. As the attack develops, the aircraft are put into a dive of about 60° to 80° and the diving flaps are lowered. The dives are culminated by pull-outs ranging down to 800 feet. The attacks are well pressed home, even in the face of intense anti-aircraft fire.

The navy reports that as many as 60 to 70 aircraft are used in these diving attacks (presumably in the Coral Sea or Midway engagements). The attacks are made in rapid succession by aircraft attacking in line astern or in flights of three or four. When conditions permit an attack out of the sun, attacks usually originate from this quarter; otherwise the initial attack develops in the general direction of the convoy. After the initial attack, the other attacks are carried out at regular intervals from all angles. (British sources in India indicate that Ceylon was dive bombed in this manner by fifty plus enemy aircraft last May).

(S.W.P.A. A.A.F. I.S. 29)

(vi) Milne Bay - Air Activity.

The following report was collated by Sub-Air I.O. Port Moresby on 29/8. Portions relating to Air activity have been extracted to make up the following notes, which are most valuable from the tactical angle.

"During the night of August 25/26 the enemy landing took place, probably from 15 landing barges, of which 3 were a special type for carrying tanks. A considereble quantity of petrol, estimated at 500 drums, was landed, most of it being left in the surf where it was dumped from the barges. Stores and ammunition were dispersed on the foreshores and under cover.

With dawn the P-40's began straffing the landing barges and stores. The last two barges found had on board 30/40 Japs, many of whom would be casualties from the P-40 fire. All the barges were burnt, mainly by concentrating fire at the power plant in the stern. Stores were sought out and burned, whilst a considerable number of fuel drums was holed in the water and sank; incendiary fire then burned the petrol. The attacks by a Hudson on the fuel further contributed to its almost total destruction. One pilot located a truck loaded with ammunition and spent a considerable time straffing until the whole load had exploded.

Hudsons continued reconnaissance. In the morning an experienced Hudson captain and all his crew reported having sighted one vessel, type uncertain, burning and sinking - presumably as a result of B-17 attack.

Practically no enemy activity was observed during the day, as they took cover in the copious undergrowth. By night the warships which arrived again (and very possibly the same force which had been there the previous night) shelled spasmodically, until their departure after midnight. It is not possible to get an estimate of the additional troops or material landed, but no new barges were seen the following morning.

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(vi) Milne Bay - Air Activity (Cont)

During the day of August 27th, the P-40's continued their non-stop straffing of positions considered to be occupied by the enemy. Hudsons continued extensive reconnaissance in an endeavour to find the convoy which had left earlier. The main feature of air activity on August 27th was Raid No. 4 by a force now estimated to be 8 D/B and 12 Zero S.S.F. This took place at 0814K when several P-40's were out on patrols and reconnaissances, covering Mullens Harbour and China Straits against possible enemy shipping which would make an attack possible from the rear, and at the time when B-26's on strike were over Milne Bay looking for shipping targets. The Zeros attacked the B-26's and the Squadron C.O. of one of the P-40 Squadrons returning from patrol saw one Zero shot down by the B-26's. This Zero seemed to contain flight leader and as his aircraft landed just offshore his two accompanying Zeros came down and straffed him. Apparently this was to destroy the aircraft completely. Whilst so engaged the CO. of the P-40 Squadron and his No. 2 dived on the Zeros, shooting them both down into the sea. A few minutes later some of the Zeros attacked our recce. B-17 which, however, suffered only minor damage.

The raid itself took the form of a spasmodic effort by the dive-bombers to hit the runway. Two fragmentation bombs from one dive-bomber fell off the runway and the others well away from our installations. Reserve pilots assisted manning A/A guns to facilitate recognition and it is considered that both T97 and T99 dive-bombers were used. The ceiling of 2/3000 feet detractedfrom the effectiveness of their bombing.

It is interesting to notice that when the A/A opened up on them, two of the dive-bombers immediately went into a deliberate spin, out of which they pulled when at tree-top height. Zeros then attempted to ground strafe, the leader making a low run and setting on fire an aircraft which had crash-landed. The later Zeros were kept higher by A/A, but as they dived away emitted dense black smoke, giving the impression of being shot down. All on the ground agreed that A/A had obtained two kills, but another pilot, from a nearby hill, saw both these Zeros flying away just above the tops of the coconanut trees, indicating that either smoke cartridges were used or that it is characteristic of this aircraft to smoke profusely when extra boost is applied. (It is suggested that this feature should be watched in assessing claims for Zeros which dive away smoking). P-40's on patrol destroyed one dive-bomber and probably another.

On the night of the 27/28th August the Japs pushed hard, using tanks, mortars and portable flame throwers (worn as haversack) to support the infantry advance. Details of the engagement are left for confirmation from official Army sources.

(SWPA AAF I.S. No.31)

4. General.

Identification of Japanese.

The following notes are extracted from I.B. No.14 of M.I.S. Washington:-

A. General:- Most Americans say that it is difficult to distinguish the Japanese from the Chinese. The Japanese are aware of this confusion in the minds of their enemies, and they have not hesitated to take advantage of it by posing as Chinese or native troops. It is, therefore, important that U.S. troops learn how to identify the Japanese. A few notes are included here to help in quick identifications but it must be remembered that none of the tests presented can be foolproof.

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Identification of Japanese (Cont).

B. Appearance:- The Japanese and Chinese differ in their physical appearance. The Japanese have very short legs, but their bodies are of normal size. When seated, they appear to be of normal height, and you may, therefore, be surprised at their short stature when they stand up. You will find, however, that the Chinese are physically well formed and are about the same height as the average American. The Japanese have a light beard and thus need to shave only about twice a week. The Chinese are even more fortunate, as their faces are free of beard and require no shaving. The eye of the Chinese is set much like that of the European but it has a marked squint, whereas the eye of the Japanese is set at a slant to the nose. The nose of the Chinese usually has a definite bridge, and his teeth are even and well formed. The Japanese teeth tend to "buck" or protrude, and the nose lacks a distinct bridge.

C. Feet:- The feet and legs of the Japanese differ greatly from those of the Chinese and other orientals. Practically all the Japanese are pigeon-toed and many are bow-legged, so that in walking they usually shuffle along. In no Chinese, and in no other native of the Far East except the Japanese, will be found the characteristic wide spreading of the big toe or the extreme hardening of flesh between the big and second toes. In the case of many Japanese, this hardening of flesh amounts to a callous. This condition results from the wearing of the "geta", or wooden sandals, and the constant pressure of the heavy thong that is the method of securing the "geta" to the foot. (Note also the army glove shoe with a compartment for the big toe).

D. Pronunciation:- The Japanese, excepting some of the officer class, have speech difficulties. These may invariably be discovered by a pronunciation test. Request the subject to repeat this, or a similar phrase: "Smith left the fortress." No Japanese can pronounce an "s" or "z" without a definite inhalation that amounts to a hiss; rarely can a Japanese begin any sentence without this inward tone. The liquid "l" sound does not exist in Japanese. Consequently, the questioner would hear this phrase from the Japanese:- "(hiss) Smit reft the fortress," and a Chinesewould say "Smith left the faultless." Thus the Chinese will say "lice" for "rice", and the Japanese will say "rice" for "lice". These differences are inherent in the native languages. "Th" is difficult, too, for the Japanese to pronounce. For "think" they say "sink" or "shink". Too many consonants together will cause a break for a vowel.

E. Caution:- The Japanese wear a piece of clothing which resembles a long towel. This long towel, fundoshi (foon-do-shee), is wrapped around the waist and between the legs. It resembles a G string but it consists of many folds in which a Japanese prisoners will be able to hide many things. Japanese prisoners will strenuously object to removing this G string, but the personal safety of your entire command may depend upon it. Have the prisoners remove their G strings while keeping them covered with rifles. Have them step away, and then examine the G strings for papers, weapons, and other articles which may be hidden in the folds and pockets.

(SWPA AAF I.S. No.32)

ACKNOWLEDGE.

(F.E. HEARNS) Lieut
I.O. H.Q. A.A. DEFENCES
N.S.W. L.of C. AREA.

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SUMMARY.

A.I.F. SERVING WITH UNIT.		A.M.F. SERVING WITH UNIT.		PART TIME DUTY.		A.W.A.S	V.A.D.
O	OR	O	OR			O	OR
7	10	.	8			.	8

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APPENDIX V111

W A R D I A R Y

H.Q. A.A. DEFENCES
N.S.W. L OF C AREA

OCT 42

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

ATURDAY IN EACH WEEK.

Army Form W. 3008.
(Page 1).

RETURN OF OFFICERS. No. 11.

A.A. Defence H.Q., N.S.W. L of C Area.

(Unit.) For Week Ending 31. 10. 42

PART A.—STRENGTH, SURPLUS OR REINFORCEMENTS REQUIRED.

AMF. VI.13.1 8x26

War Establishment.	1 Ranks.	2 Posted strength counting against authorised establishment (excluding attached).	3 Surplus to Establishment.	4 Reinforcements required (i.e., deficits on establishment).
	*			
	*			
1	Brigadier *	1		
1	Colonel *			1
	Lieut.-Colonels	1	1	
1	Majors...			1
4	Captains	2		2
1	Lieutenants	3	2	
	2nd Lieutenants			
	Quartermasters			
	District Officers			
8	TOTALS	7	3	4

* Insert detail of higher ranks as necessary (e.g., Major-General, Brigadier, etc.).

PART B.—PARTICULARS OF OFFICERS JOINED OR QUITTED DURING WEEK.

Officers JOINED during week.

Rank.	Name.	Corps.	Date.	Cause.
Major	Bathgate J.R.	RAE	14.10.42	Attached
Lieut	Lipscomb F.J.	"	26.10.42	On Strength SC. AASL
"	Egan W.A.P.	AAOC	"	Attached O.M.E.R.

Officers QUITTED during week.

Rank.	Name.	Corps.	Date.	Cause.
Lieut	Coombs F.C.	RAE	26.10.42	Transferred to 52 AASL. Coy
"	Bravington R.C.H	AAOC	"	" to 1 Aust. O. Wt Coy

PART C.—DESCRIPTION OF OFFICERS WHOSE RETURN TO THE UNIT IS PARTICULARLY REQUESTED.

Rank.	Name and Initials.	Corps.	Remarks (e.g., present whereabouts, if known).

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

Army Form W. 3008.
(Page 1).

RETURN OF OFFICERS.

(Unit.) For Week Ending

PART A.—STRENGTH, SURPLUS OR REINFORCEMENTS REQUIRED.

1	2	3	4
Ranks.	Posted strength counting against authorised establishment (excluding attached).	Surplus to Establishment.	Reinforcements required. (i.e. deficits on establishment).
*			
*			
*			
*			
Lieut.-Colonels ...			
Majors ...			
Captains ...			
Lieutenants ...			
2nd Lieutenants ...			
Quartermasters ...			
District Officers ...			
TOTALS ...			

* Insert detail of higher ranks as necessary (e.g., Major-General, Brigadier, etc).

PART B.—PARTICULARS OF OFFICERS JOINED OR QUITTED DURING WEEK.

Officers JOINED during week.

Rank.	Name.	Corps.	Date.	Cause.

Officers QUITTED during week.

Rank.	Name.	Corps.	Date.	Cause.

PART C.—DESCRIPTION OF OFFICERS WHOSE RETURN TO THE UNIT IS PARTICULARLY REQUESTED.

Rank.	Name and Initials.	Corps.	Remarks (e.g., present whereabouts, if known).

R SATURDAY IN EACH WEEK. No 11

Army Form W.3009C
(page 1)

FIELD RETURN OF OTHER RANKS.

A.A. Defence H.Q., N.S.W. L of C Area. (Unit). 31. 10 1942 (Date)

(To be furnished by all Units of the Royal Army Ordnance Corps.)

Part A. Strength, Surplus or Reinforcements required. AMF. VI. 13. 1 8x26

1	2	3	4
Appointment.	Posted strength counting against authorised establishment (excluding attached).	Surplus to Establishment.	Reinforcements required (i.e., deficits on establishment).
W.Os. Class I. 1	1		
W.Os. Class II.			
W.Os. Class III.			
Staff Serjeants 2	2		
Serjeants 1			1
Corporals 2	3	1	
Buglers			
Privates, etc. 20	20		
26 TOTALS	26	1	1

*These totals should agree with the details shown in Part D on page 2 of Army Form W.3009C.

Part B. Other Ranks attached from other Corps.

Appointment.	Unit and Corps to which they belong.	Appointment.	Unit and Corps to which they belong.
against WE		Other Attachments	
1 Sgt	AAOC	1 S/Sgt	RAA (2/1 Aust a a Bde)
1 Draughtsman	"	1 L/Sgt	60 AASL Bn
		1 Draughtsman	61 AASL Bn
		1 Cpl Cook	AWAS
		1 Gen Duty	

Part C. Description of other Ranks whose return to the Unit is particularly requested.

Army No.	Rank.	Name and Initials.	Corps.	Remarks (e.g., present whereabouts if known).

AUSTRALIAN WAR MEMORIAL AWM2019.366.1980

A.A. Defence H.Q., N.S.W. L of C Area. Unit.

Army Form W.3009C
(page 2)

Part D. Detail by Trades of Surplus or Reinforcements required as shown in Part A of Army Form W.3009C.

DETAIL OF SPECIALISTS, TRADESMEN, ETC.	SURPLUS TO ESTABLISHMENT.									REINFORCEMENTS REQUIRED.									REMARKS.
	W.Os. Class I.	W.Os. Class II.	W.Os. Class III.	Staff Serjeants.	Serjeants.	Corporals.	Buglers.	Privates, etc.	Total.	W.Os. Class I.	W.Os. Class II.	W.Os. Class III.	Staff Serjeants.	Serjeants.	Corporals.	Buglers.	Privates, etc.	Total.	
Armament Artificers—Fitters ..																			
Armament Artificers—Instruments																			
Armament Artificers—Instruments —Wireless ..																			
Ammunition Examiners																			
Armourers																			
Blacksmiths																			
Carpenters and Joiners																			
Clerks																			
Coppersmiths																			
Driver Mechanics																			
Draughtsmen (Mech.)																			
Electricians																			
Fitters																			
Fitters (Motor Vehicle)																			
Grinders (Precision)																			
Hammermen																			
Instrument Mechanics																			
Machinists (Metal)																			
Moulders																			
Motor Mechanics																			
Motor Assemblers																			
Painters and Decorators																			
Pattern Makers																			
Push Cycle Repairers																			
Riveters																			
Saddlers and Harness Makers ..																			
Saw Doctors																			
Sawyers																			
Shoemakers																			
Storemen																			
Textile Refitters																			
Tinsmiths and Whitesmiths ..																			
Toolmakers																			
Turners																			
Vulcanizers																			
Watch Makers																			
Welders (Acetylene or Electric) ..																			
Wheelers																			
Wireless Mechanics																			
Wood Turners and Machinists ..																			
Non-Tradesmen																			
TOTALS (to agree with Columns 3 and 4 of Part A).																			

A.A. Defence H.Q., N.S.W. L of C Area.
Unit.

Date of Despatch 31.10.42

Signature of Commander
Staff Capt. A.A. Defence H.Q. N.S.W. L of C Area

Bde., Divn., Area, etc., with which unit is serving.

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PART D.—NOMINAL ROLL OF OFFICERS ON STRENGTH.

(i) Officers posted to Unit (Total to agree with column 2 of Part A).

1	2	3	4	5	6	7	8	9
	M. or S.	Substantive Rank.	Higher acting or temporary rank, if held.	Name and Initials.	Corps.	Whether present with Unit (Insert Yes or No).	Date Joined Unit.	If not present with Unit, state how employed.
1		Brig		NX.12276 Jewkes. E.Dav.	A&H Comd	yes		
2		Lt Col		NX.11060 Robinson. J.A.	" DASL	"		
3		Capt		VX.23448 Hartley. R.S.	R.M	"		
4		"		VX.21709 Black. R.J.	S.C	"		
5		Lieut		NX.109052 Reeves. F.E.	I.O	"		
6		"		VX.23776 Lee. F.	IFC	"		
7		"		NX.11060A Lipscombe. F.J.	SC ADSL	"		
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
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22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								

(ii) OFFICERS ATTACHED FROM OTHER CORPS.

Substantive Rank.	Higher acting or temporary rank, if held.	Name and Initials.	Corps.	Date of attachment.	Nature of attachment.
Major	WX.3348	Hudson. R.L.	A.A.S.C.		
"	NX.191122	Gabbett. J.R.	Temporary A.D.S.L.		
Capt	N.202	Edwards. G.M.	R.A.A.O.C.		
Lieut	NX.112472	Evans. W.A.P.	A.A.O.C.		

A.A. Defence H.Q., N.S.W. L of C Area.

(Unit.)

31.10.42.

(Date of Despatch.)

(Signature of Commander.)

Staff Capt. A.A. Defence H.Q. N.S.W. L of C Area

(Bde., Divn., Area, etc., with which Unit is serving.)

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WAR DIARY