

[REDACTED]

BUFFALO TRIALS

16th July, 1956.

INDOCTRINEE FORCE INSTRUCTION NO. 1GENERAL

1. Some 250 officers of the Armed Forces of the UNITED KINGDOM, AUSTRALIA AND NEW ZEALAND will participate as indoctrinees in the first of a series of nuclear trials to be carried out in August/September, 1956, at MARALINGA. 177 of these officers will be from Home and overseas Commands of the British Army and 2 from the Royal Navy. They will travel by air.
2. This indoctrinee force will be one of a number of "groups" taking part in the trials and will be referred to in later instructions as the "IF Group".
3. After basic instruction in LONDON or SINGAPORE and detailed briefing at MARALINGA on the nature and conduct of the trials, indoctrinees will be exposed at a safe distance to the flash, thermal and blast effects of a nuclear explosion. They will make a conducted tour of the firing area and of the various items of Service equipment, vehicles, structures etc exposed for trials purposes, both before and after firing.

AIM

4. To enable these selected officers:
 - (a) To experience the effects of a nuclear explosion
 - (b) To examine the effects of such explosion on the ground and on weapons and equipment
 - (c) To pass on their experience to other members of the Armed Forces at the conclusion of the trial.

METHOD5. ASSEMBLY(a) In the UNITED KINGDOM

- (i) Officers attending from Home Commands, BAOR, WEST AFRICA, MALTA and GIBRALTAR will report to [REDACTED], not later than 1600 hours Thursday, 9th August, 1956. There they will receive their passports and air travel tickets and have their medical certificates and the other documents detailed in para 14 below checked. They will also write in the book provided, their addresses and telephone numbers in case changes in travel arrangements prove necessary.
- (ii) Officers from BAOR, WEST AFRICA, MALTA and GIBRALTAR will be required to show their AFsW 5133.
- (iii) Officers will be responsible for making their own arrangements for accommodation in the LONDON area from the time of arrival until departure for AUSTRALIA.

(b) In SINGAPORE

All officers except those covered by sub-para (a) above and the officer from the CARIBBEAN area will assemble and be accommodated under arrangements made by [REDACTED]. They will report in SINGAPORE not later than 18th August, 1956. [REDACTED] will notify all concerned (copy to [REDACTED]) of the complete assembly arrangements including arrangements for the preliminary instruction detailed in para 6(b) below.

6. PRELIMINARY INSTRUCTION

(a) In LONDON

(i) A two day period of preliminary instruction will be held in the [REDACTED], on Friday and Saturday, 10th and 11th August, 1956. This will be attended by all officers assembling in London. Syllabus is attached as Annexure "A".

(ii) Dress - Service Dress or Battle Dress

(b) In SINGAPORE

Preliminary instruction will be given to personnel attending from Overseas Commands, less those from BAOR, GIBRALTAR, MALTA, WEST AFRICA and the CARIBBEAN Area at SINGAPORE on 19th and 20th August, 1956, under arrangements made by [REDACTED] and the Chief Instructor, Joint School of Chemical Warfare

[REDACTED] The latter will arrange all further details with [REDACTED], through the [REDACTED]. A syllabus on similar lines to that attached as Annexure "A" will be sent to [REDACTED] by [REDACTED] through the [REDACTED], for reproduction and issue to all concerned.

7. MOVEMENT OUTWARD

(a) Officers assembling in UNITED KINGDOM

The bulk of these will be despatched either by BOAC/QUANTAS scheduled flights leaving LONDON between 12th and 19th August to SYDNEY or by a Hastings aircraft leaving LONDON on 14th August direct for MARALINGA. Those routed via SYDNEY will be moved by local charter aircraft to MARALINGA. A few officers will be moved by scheduled trooping flights to SINGAPORE. Thence they will move to MARALINGA with officers assembling in SINGAPORE

(b) Officers Assembling in SINGAPORE

These officers will be despatched from SINGAPORE on a charter aircraft direct to MARALINGA

(c) Full arrangements for outward movement are given in Annexures "B" and "C" attached.

8. PROGRAMME IN MARALINGA

(a) Officers will have a rest period of from one to five days after arrival at MARALINGA.

(b) It is intended that the programme of work should be as follows:-

D - 3: Rehearsal and pre-firing tour of area and equipment
D - 2) Instruction in the nature and conduct of the trials
D - 1) Witness explosion
D Day: First half of IF Group tour firing area
D + 1: Second half of IF Group tour firing area
D + 2:

(c) In order to help in the assessment of the value of indoctrination during trials of this nature, officers will be asked to complete an individual questionnaire at MARALINGA before 'D' Day and a follow-up questionnaire later.

(d) Whilst theoretically some officers could be moved out of MARALINGA from D + 2 onwards, owing to the uncertainty of the date of firing, a few days delay is expected before movement can start.

[REDACTED]

9. MOVEMENT ON RETURN

(a) Officers originally assembling in UNITED KINGDOM

- (i) The bulk of these officers will be lifted by local charter aircraft from MARALINGA to the SYDNEY area to await seats on scheduled BOAC/QUANTAS aircraft to final destination
- (ii) One Hastings load will be flown direct from MARALINGA to the UNITED KINGDOM.

(b) Officers originally assembling in SINGAPORE

All these officers will be moved in the same way as those in para 9(a)(i) above.

ADMINISTRATION

10. DRESS

(a) During Travel

- (i) By civilian airlines - civilian clothes
- (ii) By Service aircraft - uniform - (Service dress or Battle Dress).
- (iii) Officers proceeding to Australia by Service aircraft may return by civilian airlines and vice versa, therefore, both uniform and civilian clothes are required.

(b) In MARALINGA Area

- (i) Two suits of Australian Army Battle Dress per officer will be issued as working dress on arrival at [REDACTED]. Great coats will also be provided.
- (ii) For the examination of effects after the explosion special protective clothing will be provided.
- (iii) Due to shortage of water for laundry purposes a plentiful supply of socks, shirts and underwear should be taken.

(c) In SYDNEY Area

- (i) Due to the limitation on weight little formal dress can be taken but a lounge suit will be required.
- (ii) Nearly all officers will be staying either on the outward or return journey with the Australian Army. Those in possession will wear service dress whilst attached, others will wear British battle dress.

EQUIPMENT

11. (a) Only essential equipment will be taken. This is:-

- (i) web belt,
- (ii) respirator anti-gas, light MK6
- (iii) water bottle,
- (iv) small pack (for pack meals)
- (v) binoculars

- (b) The respirator must be serviceable and properly fitted in accordance with Section 11 of "Gas Training 1951", [REDACTED] paras 3 to 6 inclusive.

- (c) Officers who require to wear spectacles at all times will be in possession of Service spectacles with flattened side members designed for wear with respirators. Instructions are contained in Section 11 of "Gas Training 1951".

12. BAGGAGE

- (a) Baggage limit for all personnel regardless of method of travel will be restricted to 44 pounds, except as especially authorised at para 23 below.
- (b) Articles such as respirator, binoculars, trench coat etc will not be weighed but a brief case or small bag retained by the individual while on the aircraft may be weighed and counted against the limit of 44 pounds.
- (c) Officers are strongly advised to carry with them two bags, one to be retained during the flight with such items as shaving kit, towel, slippers, etc plus a change of socks, shirt etc.

13. PASSPORTS

- (a) Passports of all officers of the Indoctrinee Force from the United Kingdom, BAOR, GIBRALTAR, MALTA and WEST AFRICA, will be forwarded to [REDACTED] by not later than 18th July, 1956
- (b) The requisite visas will be obtained by the [REDACTED], renewals will be made if required and passports will be re-issued to officers on arrival at [REDACTED]
- (c) Passport arrangements for overseas Commands (less BAOR, GIBRALTAR, MALTA and WEST AFRICA) will be under Command arrangements.

14. MEDICAL

- (a) International Certificates of Vaccination/Inoculation
- (i) All officers of the Indoctrinee Force will be in possession of valid International Certificates of Vaccination/Inoculation against:-
- Smallpox (F Med 101) dated not less than eight days (except in the case of re-vaccination when valid immediately) nor more than two years before expected date of departure.
- Cholera (F Med 102) dated not less than six days (except in the case of re-inoculation within six months of previous inoculation when valid immediately) nor more than two months before expected date of departure.
- Yellow Fever (F Med 103) dated not less than 10 days nor more than five years and eight months before expected date of departure.
- (ii) The times given will ensure that re-vaccination/inoculation is not required for the return journey.
- (iii) All immunization except against Yellow Fever can be carried out at the nearest medical centre. Immunization against Yellow Fever is carried out at specially authorized centres addresses of which may be obtained from the nearest medical headquarters.
- (b) TABT
- All personnel will be fully protected by TABT prior to leaving permanent duty stations. Appropriate entries must be shown in [REDACTED].

(c) Blood Count and Chest X-ray

In the officers' own interest they will be subjected to a blood count as for workers with radioactive substances, plus a chest X-ray. Both to be completed prior to leaving permanent duty stations.

(d) Medical Examination

All officers not now serving in the tropics will be medically examined for fitness to serve in the tropics and issued with certificates of fitness before leaving permanent duty stations.

(e) Dental Treatment

All personnel will have any necessary dental treatment completed prior to leaving permanent duty stations.

15. ACCOMMODATION

(a) At MARALINGA

Officers will be accommodated during their stay in the MARALINGA area in a tented camp to be erected by the Australian Army at GUNDULPH, 11 miles North of WATSON near MARALINGA, about 600 miles North West of ADELAIDE. Conditions will be austere and water in short supply. This camp will be run by the Australian Army who will provide bedding and camp equipment.

(b) At SYDNEY

Outward journey - Those officers who do not fly direct from UK or SINGAPORE into MARALINGA will be accommodated by the Australian Army in SYDNEY except for seven senior officers who will be accommodated in a Civilian Club.

Return journey - All officers except the thirtythree returning to UK direct from MARALINGA on the HASTINGS will be accommodated in SYDNEY. Owing to the uncertainty of the date of firing, it will probably be a month after 'D' day before the airlines can move the last officer out of SYDNEY. Waiting time in SYDNEY is likely to average 14 days. The Australian Army authorities have at considerable inconvenience made special arrangements to accommodate the bulk of the Indoctrinee Force with Army units for the period required whatever that period may turn out to be. It is hoped to accommodate seven senior officers, not below the rank of Colonel at SYDNEY clubs. All details will be given out in due course.

16. DISCIPLINE

(a) For purposes of discipline, all military officers from the British Army comprising the Indoctrinee Force will be attached to the Royal Air Force under the provisions of Section 179A of the Air Force Act and Section 179A of the Army Act and thus subject to the Air Force Act.

(b) In order to effect such attachment a disposal order, an example of which is shown below, will be published by Headquarters, Eastern Command and [REDACTED] immediately prior to departure of the Indoctrinee Force from London and Singapore. A copy of the order will be forwarded to Headquarters Bomber Command, Royal Air Force.

"The personnel detailed below (individual names to be inserted) will serve with the BUFFALO TASK FORCE and whilst so serving will be subject to the provisions of Section 179A of the Air Force Act and Section 179A of the Army Act".

(c) Headquarters, Bomber Command, Royal Air Force, will publish a reciprocal attachment order upon receipt of the orders mentioned in sub para (b) above.

(d) Nominal rolls to be used for the purpose of the orders will be forwarded by the [REDACTED] to Headquarters, Eastern Command and [REDACTED].

17. WEAPONS

No weapons or ammunition will be taken to Australia.

18. PAY AND ALLOWANCES

See Annexure 'D' attached.

19. POSTAL

(a) Postal address for the Indoctrinee Force will be:-

Rank, Name,
[REDACTED],
[REDACTED].

(b) [REDACTED] must be written in full to avoid possible confusion with BAOR.

20. NOMINAL ROLL - INDOCTRINEES AND RESERVES

Nominal roll of all indoctrinees and reserves, by Commands, showing ultimate destinations is attached as Annexure "E". Officers who become casualties after arrival in LONDON or SINGAPORE will be replaced by reserves nominated by the [REDACTED] respectively.

COMMAND AND CONTROL

21. BUFFALO TRIALS EXECUTIVE STAFF

Trials Director: [REDACTED]
Trials Deputy Director: [REDACTED]
Trials Co-ordinator: [REDACTED]
Co-ordinator of Indoctrinee Force: [REDACTED]

22. Personnel assembling at SINGAPORE

These officers will be put under command, for the duration of their stay in SINGAPORE and whilst en route to MARALINGA, of a senior indoctrinee to be nominated by [REDACTED]. This officer will be assisted by [REDACTED], of the JSCW.

23. Personnel assembling in LONDON

These officers will be under the command of [REDACTED], DSO from 9th August, 1956 until return to permanent duty stations.

The Commander will be assisted by:-

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

The above officers will be allowed an additional ten pounds excess baggage to cover the carriage of essential papers/documents etc related to their special duties.

24. Command and Control in AUSTRALIA

[REDACTED] assisted by the staff detailed in para 23 above will exercise command over the whole Indoctrinee Force as a group on arrival in AUSTRALIA.

25. Overall Command in AUSTRALIA

The Indoctrinee Force will be under the overall command of the BUFFALO TASK FORCE Commander, Air Commodore [REDACTED], RAF who is in charge of all military groups.

26. Conducting Officers

Certain Officers from amongst the indoctrinees will be appointed as Conducting Officers. They will be selected from those with some scientific background and will act as leaders during the trials.

SECURITY

27. Positive Vetting

All officers comprising the Indoctrinee Force will be positive vetted prior to emplaning.

28. Classified Documents

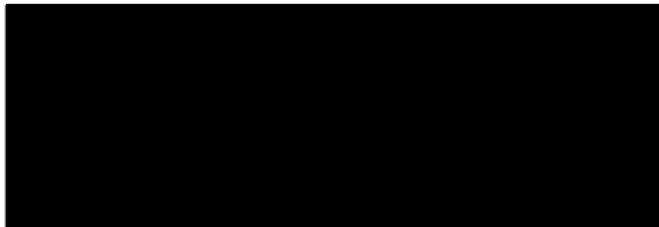
Owing to the difficulty of safeguarding classified documents whilst in the MARALINGA area, the minimum number of documents of high security grading will be taken.

29. Cameras

Cameras may be taken for use during the journey to and from Australia but must be handed in immediately on arrival at [REDACTED].

30. Regulations and Instructions

Whilst in the MARALINGA area officers comprising the Indoctrinee Force will comply with all security regulations and instructions issued by the Trials Director.



[REDACTED]

BUFFALO TRIALS

PROGRAMME OF
PRELIMINARY INSTRUCTION OF INDOCTRINEES

Annexure 'A' to Buffalo Trials
Indoctrinee Instruction No.1
dated 16 July, 1956.

10th and 11th August 1956

[REDACTED]

Friday 10th August.

Serial	Time	Subject	Speaker/Remarks
1	0930 - 0945	Opening address	[REDACTED]
2	0945 - 1000	Administrative Points	[REDACTED]
3	1000 - 1010	Introduction	[REDACTED]
4	1010 - 1040	General Conduct of the Trial	[REDACTED]
5	1040 - 1115	Coffee break	[REDACTED]
6	1115 - 1140	Film. "The Atom Strikes" (C5339)	[REDACTED]
7	1145 - 1230	Lecture. Characteristics of Nuclear Explosions	[REDACTED]
8	1235 - 1255	Film. Atomic Support for the Soldier (55494)	[REDACTED]
9	1255 - 1400	Lunch Break	[REDACTED]
10	1400 - 1445	Lecture. Surface and Sub-surface explosions.	[REDACTED]
11	1450 - 1520	Films. "Effects of Atomic Explosions" (C5459) Pathe News Reel	[REDACTED]
12	1525 - 1605	Lecture. Protection - Immediate Effects	[REDACTED]
13	1610 - 1650	Lecture. Protection - Residual Effects	[REDACTED]
14	1655 - 1730	Film. Effects of atomic weapons against troops in the Field.	[REDACTED]

[REDACTED]

Saturday 11th August.

Serial	Time	Subject	Speaker/Remarks
15	0930 - 1015	Lecture. Radiac Instruments	[REDACTED]
16	1020 - 1100	Lecture. Monitoring	[REDACTED]
17	1130 - 1215	Lecture. Decontamination	[REDACTED]
18	1220 - 1250	Films. Operation "Crossroads" Operation "Totem")	[REDACTED]

Movement to and from AUSTRALIA

Method of Movement - Outward Journey

1. From UK and BAOR

- (a) Personnel from BAOR will travel to UK by the normal surface route and will be despatched in time to report to [REDACTED] by not later than 1600 hrs 9th August 1956.
- (b) The UK and BAOR contingent totalling 135 will travel from UK-AUSTRALIA by the following means -
- (i) RAF Transport Command Hastings aircraft departing UK approx 14 August 1956 and arriving MARALINGA approx 21 August 1956 33 passengers.
- (ii) BOAC Tourist Class scheduled services to SYDNEY as under:-

<u>Date ex LONDON</u>	<u>Date of arrival at SYDNEY</u>	<u>No of Passengers</u>
12 Aug	16 Aug	11
13 "	17 "	50
16 "	20 "	15
17 "	21 "	10
19 "	23 "	10
	Total:	<u>96</u>

Onward movements from SYDNEY to MARALINGA for these officers will be by two charter aircraft, one leaving pm 20 August 1956 and one pm 23 August 1956.

- (iii) Air Trooping service to SINGAPORE on date to be notified later. For onward movement SINGAPORE-AUSTRALIA see para 6. No of passengers 6.
- (c) Detailed instructions for the above moves will be issued separately on arrival in London or Singapore.

2. From GIBRALTAR, MALTA and WEST AFRICA

Personnel will be despatched under local arrangements to UK by the normal air trooping service in time to report to [REDACTED] by not later than 1600 hrs 9th August 1956. They will then be moved to SINGAPORE by air trooping (date to be notified later) and onwards to AUSTRALIA as in para 6 below. No of passengers 3.

3. From MELF

Personnel will be moved under MELF arrangements to BAHREIN and thence to SINGAPORE by air trooping. Flight number and date will be notified later. For movement SINGAPORE to AUSTRALIA see para 6. No of passengers 12.

4. From EAST AFRICA

Personnel will travel from NAIROBI to SINGAPORE by civil commercial services to arrive SINGAPORE by 18 August 1956. [REDACTED] will be responsible for booking tourist class passages through the local BOAC office by the most economical route requesting that the cost be charged to the [REDACTED] through BOAC LONDON. For movement SINGAPORE to AUSTRALIA see para 6. No of passengers 2.

[REDACTED]

5. Personnel from UKSLS Staffs

Personnel from UKSLS staffs, ie, one each from PRETORIA, SALISBURY and KARACHI, will travel by civil commercial services to SINGAPORE to arrive by 18 August. Bookings will be made locally with BOAC for tourist class passages by the most economical route, with the request that the cost be charged to the [redacted] through BOAC LONDON. For movement from SINGAPORE to AUSTRALIA see para 6. No of passengers 3.

6. From FARELF

- (a) Personnel will be concentrated at SINGAPORE under FARELF arrangements. No of passengers 20.
- (b) A chartered DC4 aircraft carrying 46 passengers will depart SINGAPORE 21 August 1956. It will go direct to MARALINGA arriving 22 Aug. Passengers carried will be as under -

from FARELF	-	20	
MELF	-	12	
UK	-	6	
GIBRALTAR	-	1	<u>Total 46</u>
MALTA	-	1	
WEST AFRICA	-	1	
EAST AFRICA	-	2	
UKSLS Staffs	-	3	

7. From CARIBBEAN

The officer will travel by civil commercial air services from KINGSTON to SYDNEY via SAN FRANCISCO. HQ CARIBBEAN Area will book a return tourist class passage locally through BOAC to ensure arrival at SYDNEY not later than 23 August 1956. The cost will be chargeable to the [redacted] through BOAC LONDON.

Notification of Emplanements

8. Despatching authorities will signal names of passengers, service on which emplaned, and estimated arrival date as follows:-

[redacted]	to Army Melbourne (for Q Mov)	in respect of personnel in para 1(b)(i)
"	" to " " " "	" " " " " " 1(b)(ii)
"	" to FARELF	" " " " " " 1(b)(iii)
		& 2
GHQ MELF	to FARELF	" " " " " " 3
GHQ EAST AFRICA	to FARELF	" " " " " " 4
UKSLS Staffs	to FARELF	" " " " " " 5
HQ CARIBBEAN Area	to Army Melbourne (for Q Mov)	" " " " " " 7

Method of Movement - Return Journey

9. (a) UK-BAOR

- (i) 33 passengers by RAF Transport Command Hastings aircraft direct from MARALINGA to UK.
- (ii) 102 passengers by BOAC tourist service SYDNEY to UK.
- (iii) BAOR personnel will return from UK to BAOR by normal surface route.

(b) GIBRALTAR

By BOAC tourist service SYDNEY to UK and thence by air trooping to GIBRALTAR.

[REDACTED]

(c) MALTA, WEST AFRICA, EAST AFRICA, UKSIS Staffs and CARIBBEAN

By commercial tourist air services from SYDNEY direct to destination.

(d) MELF

BOAC tourist service to SINGAPORE, thence by air trooping to BAHREIN and onward under MELF arrangements.

(e) FARELF

BOAC tourist service to SINGAPORE and onwards under FARELF arrangements.

10. Except for 9(c) these arrangements are provisional only and are subject to alteration nearer the time of return in the light of transport facilities available.

Passports

11. Instructions regarding the provision of passports have already been issued to all Commands vide WOM 57/Misc/8858(MT11) dated 28 June 1956 to Home Commands, Troopers Signal 00411/MT11 dated 220900Z June 1956 to BAOR, and Troopers signal 00187/MT 11 dated 14 June 1956 to all other addressees.

12. Air routes to AUSTRALIA may involve passengers calling at some or all of the following countries where tourist visas are required. Instructions for obtaining appropriate visas are contained in para 13 of these instructions.

SIAM (for air trooping flights only)
INDONESIA
EGYPT (in the event of nightstops only)

Annexure 'C' to Buffalo Trials
Indoctrinee Force Instruction No. 1
dated 16 July, 1956.

[REDACTED]

12th August, 1956 - BOAC

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

14th August, 1956 - RAF (Hastings)

- 3 -

[REDACTED]

[REDACTED] MBE

17th August, 1956, - BOAC

[REDACTED]

19th August, 1956, - BOAC

[REDACTED]

[REDACTED]

Air Trooping Service - "B" (Date to be notified)

[REDACTED]

[REDACTED]

PAY AND ALLOWANCES

Annexure 'D' to
Buffalo Trials Indoctrinee
instruction No 1
dated 16 July, 1956.

1. PAY

- (a) Issues of pay will be made to officers on AFW 3241 by the paymaster maintaining the Imprest Account. AFW 3241 will be provided at the time payment is made.
- (b) Issues drawn will be recovered from officers' banking accounts in the United Kingdom, or, where the officers' pay is issued locally by an overseas paymaster from subsequent credits of pay, without further reference to the officer.
- (c) Receipts on AFs W 3241 are equivalent to cheques drawn on an officers' banking account and officers will therefore ensure that there are sufficient funds in their bank accounts to cover the amounts drawn.
- (d) Officers comprising the Indoctrinee Force will be on Temporary Duty from time of leaving permanent duty stations until return thereto unless leave is granted during this period.

2. Local Overseas Allowance

- (a) Local overseas allowance at current rates will be admissible for those periods spent in Australia during which travelling allowance is inadmissible. Daily rates applicable as of July 1956 are:-

	<u>Married</u> <u>unaccompanied</u>	<u>Single</u>
Major General	12/6d	7/6d
Brigadier	11/9d	6/9d
Colonel and Lieutenant Colonel	11/0d	6/0d
Major and below	10/3d	5/3d

- (b) Married personnel who are not in receipt of local overseas allowance at their permanent duty station are eligible only for single rates unless their duty in Australia were to exceed 61 days (Allowance Regulations para 527).
- (c) The conditions governing the issue of local overseas allowance are contained in Allowance Regulations, Section 9.

3. Travelling and Detention Allowance

- (a) Claims for these from time of leaving permanent duty station to arrival in Australia will be met under the normal regulations of the theatre concerned.
- (b) As block arrangements for accommodation have been made in Australia it is unlikely that any claims in that country will be admissible except for certain senior officers accommodated in SYDNEY clubs.

4. Lodging and London Allowance

- (a) Personnel in receipt of lodging and/or London allowances at the time of their departure for Australia will continue to be eligible for these allowances provided that the accommodation occupied at their permanent station is retained paid for, and not sub-let, subject to a certificate being furnished to this effect.
- (b) The conditions governing the continued issue of lodging and London allowances during absence on Temporary Duty are contained in Allowance Regulations para 65 and 83.

[REDACTED]

5. Travellers' Cheques

Not more than £10 Sterling will be taken out of the United Kingdom. Travellers' Cheques however in any desired amounts may be purchased by officers according to their individual requirements.

6. Tropical Kit Allowance

Due to the time of year the BUFFALO Trials are being held insofar as the Indoctrinee Force is concerned, tropical kit will not be required. No claim for this allowance will, therefore, be considered.

7. Publication of Part II Orders

Parent units will be responsible for publication of periods of entitlement to local overseas allowance in Part II Orders.

Number	Rank	Initials	Name	Unit/Appointment	Remarks
<u>(DMI)</u>					
<u>(DGAMS)</u>					
				Asst. Prof. of Army Health RAMC	
<u>(Paymaster-in-Chief)</u>					
				RAPC	Responsible for Pay/Finance arrangements IF Group.
<u>(Army Operational Research Group)</u>					
				Senior Scientific Officer Principal Psychologist	To stop-over in Singapore (10 days) on return to U.K.
<u>(DWD)</u>					
				Manch Regt. GI GS(W)11	Responsible for GS arrangements IF Group and liaison with AWRE Trials staff.
<u>(BGS designate)</u>					
				Comd. 29 Inf. Bde.	
<u>(MT 11)</u>					
					Responsible for GS arrangements for IF Group.
<u>(MT 10)</u>					
				RA GI MT 10	Total War office Nominations 13 Reserve 1 Actual 9
<u>Joint Services Staff College</u>					
				Mx Regt. (DCO)	
<u>Staff College</u>					
				RA DS	
<u>Senior Officers School</u>					
				R Sigs. GII	
<u>Royal Armoured Corps Centre</u>					
				RE Instr. of Tank Technology 15/19 H 8H Instr. Gunnery School	

Number	Rank	Initials	Name	Unit/Appointment	Remarks
<u>School of Artillery</u>					
█	█	█	█	CI	
<u>School of Anti-Aircraft Artillery</u>					
█	█	█	█ X	CI Tactics	
<u>Royal Military College of Science</u>					
█	█	█	█ X	RA DS(nuclear warfare)	
<u>School of Military Engineering</u>					
█	█	█	█ X	RE CI Tactics	
<u>Reserve</u>					
█	█	█	█	RE G III (ABC)	
<u>School of Infantry</u>					
█	█	█	█ X	Oxf. Bucks Instr. in Coy Comd. Div. Tactical Wing	
<u>Royal Military Academy</u>					
█	█	█	█ X	LF CI Old College	
<u>Joint School of Chemical Warfare</u>					
█	█	█	█ X	RA CI	Responsible for preliminary instruction for IF Group in LONDON and SINGAPORE.
█	█	█	█ X	R Sigs. Asst. CI	
<u>Field Training Centre & HQ/AER Royal Army Medical Corps</u>					
█	█	█	█	RAMC	
<u>Reserve</u>					
█	█	█	█	RAMC	
<u>Royal Electrical & Mechanical Engineers Training Centre</u>					
█	█	█	█ X	REME	
<u>Reserve</u>					
█	█	█	█	REME	
<u>School of Land/Air Warfare</u>					
█	█	█	█	RA GI Air Defence Wing	
█	█	█	█ X	RN	
█	█	█	█ X	RN	

Total Schools, Colleges
 Nominations 17
 Reserves 3
 Actual 16

Total Admittals
 Nominations 2
 Reserves -
 Actual 2

Number	Rank	Initials	Name	Unit/Appointment	Remarks
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Middle East Land Forces

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
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Will travel to U.K. on completion of trials.

Reserves

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
------------	------------	------------	------------	------------	--

Total MELF	13
Nominations	3
Actual	6

Far East Land Forces

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
------------	------------	------------	------------	------------	--

Reserves

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
------------	------------	------------	------------	------------	--

FAELF	Nov	20
	Res	6
	Actual	20

Eastern Command

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
------------	------------	------------	------------	------------	--

[REDACTED]

Reserves (Eastern Command)

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	

E Cmd Nom 14
Res 14
Actual 15

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
------------	------------	------------	------------	------------	--

Responsible for administrative arrangements IF Group.

Reserves

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
------------	------------	------------	------------	------------	--

N Cmd Nom 9
Res 6
Act 9

Scottish Command

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
------------	------------	------------	------------	------------	--

Reserves

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
------------	------------	------------	------------	------------	--

Sc Cmd Nom 3
Res 3
Act 3

Southern Command

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
------------	------------	------------	------------	------------	--

Responsible for movement of IF Group.

Southern Command (Contd)

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
------------	------------	------------	------------	------------

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
------------	------------	------------	------------	------------

S Cnd
 Nom 22
 Res 7
 Act 15

Western Command.

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
------------	------------	------------	------------	------------

Reserves

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
------------	------------	------------	------------	------------

W Cnd
 Nom 8
 Res 2
 Act 10

Northern Ireland District

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
------------	------------	------------	------------

RA CO 661 (U) Fd. Regt. TA.
 RNF Coy. Comd. 1 RNF.

Reserve

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
------------	------------	------------	------------

RUR CO 6 RUR TA

NI Dist
 Nom 2
 Res 1
 Act 2

East Africa Command

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
------------	------------	------------	------------

Seaforth
 Coy. Comd. (designate) 1 KSLI

Leaving from U.K.

Reserve

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
------------	------------	------------	------------

DLI att 23 KAR

E A Cnd
 Nom 2
 Res 1
 Act 2

West Africa Command

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
------------	------------	------------	------------

RA GS011 (Int).

Travelling via U.K.
 W A Cnd
 Nom 1

Malta

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
------------	------------	------------	------------

17/21 L DAA & QMG, HQ Malta.

Travelling via U.K.
 Res -
 Act 1

Number	Rank	Initials	Name	Unit/A pointment	Remarks
Reserve (Malta)					
█	█	█	█	36 HAA Regt. RA	
Korea					
█	█	█	█	R Sussex.	Ex U.K. will proceed Korea on completion of trials.
Gibraltar					
█	█	█	█	RA Tp. Comd. 54 AA Regt. RA.	Travelling via U.K.
Reserve					
█	█	█	█	RA Tp. Comd. 54 AA Regt. RA.	
Caribbean Area					
█	█	█	█	Coy. 2 i/c DCLI	Travelling direct to SYDNEY.
█	█	█	█		
█	█	█	█	DCLI	

Miscellaneous Comd
 Nom 4
 Res 3
 Actual 3

United Kingdom Service Liaison Staff

█	█	█	█	4 H (PRETORIA).	UKSLs Nom 4 Res 1 Actual 4
█	█	█	█	16/5 L (SALISBURY, RHODESIA).	
█	█	█	█	4 H (KARACHI).	
█	█	█	█	RE (MELBOURNE).	

To arrive SYDNEY under own arrangements.

British Army of the Rhine

█	█	█	█	MGRA NORTHAG
█	█	█	█	CRA 2 Inf. Div.
█	█	█	█	DDAH HQ BAOR.
█	█	█	█	CREME 2 Inf. Div.
█	█	█	█	22 Fd. Amb. RAMC.
█	█	█	█	ACMG Ops HQ BAOR.
█	█	█	█	GSO I (SW) NORTHAG
█	█	█	█	14 Army Sigs. Regt.
█	█	█	█	38 Corps Engr. Regt.
█	█	█	█	Co 29 Fd. Regt. RA.
█	█	█	█	53 LAA Regt. RA.
█	█	█	█	4 H
█	█	█	█	4 R Tks.
█	█	█	█	3 H.
█	█	█	█	9 L.
█	█	█	█	GSO II (Int) NORTHAG.
█	█	█	█	DAQMG HQ BAOR.
█	█	█	█	GSO II (SV) 1 Br. Corps.
█	█	█	█	1 RHA
█	█	█	█	BMRA 7 Armd. Div.
█	█	█	█	GSO II (EPS) HQ NORTHAG
█	█	█	█	DAD (Tks) HQ BAOR.
█	█	█	█	GSO II (RE) 2 Inf. Div.
█	█	█	█	26 Fd. Engr. Regt. RE
█	█	█	█	GSO II (Ops) HQ NORTHAG.
█	█	█	█	Gren. Gds.
█	█	█	█	1 Coldm. Gds.
█	█	█	█	1 WVP.
█	█	█	█	1 Buffs.
█	█	█	█	1 E Lan R
█	█	█	█	1 Border
█	█	█	█	GSO II 4 Inf. Div.
█	█	█	█	1 Dorset.
█	█	█	█	CIOO HQ BAOR.
█	█	█	█	LAD 4/7 DG.
█	█	█	█	17/21 L
█	█	█	█	30 LAA Regt. RA.
█	█	█	█	27 Fd. Engr. Regt. RE.
█	█	█	█	1 RIF
█	█	█	█	1 E Yorks.
█	█	█	█	SC (S & T) Rhine Dist.

Number	Rank	Initials	Name	Unit/Appointment	Remarks
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British Army of the Rhine (Continued)

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	45 Fd. Regt. RA. 7 Armd. Div. Sigs. Regt. 1 Devon. Army Operational Research Section.	
------------	------------	------------	------------	--	--

Reserves

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	Coldn. Gds. IO 4 Bde. R Sigs. RASC. GSO II NORTHAG.	

BAOR
 Norm 45
 Res 7
 Retired 42

BUFFALO TRIALS

16th July, 1956.

INDOCTRINEE FORCE INSTRUCTION NO. 1

GENERAL

1. Some 250 officers of the Armed Forces of the UNITED KINGDOM, AUSTRALIA AND NEW ZEALAND will participate as indoctrinees in the first of a series of nuclear trials to be carried out in August/September, 1956, at MARALINGA. 177 of these officers will be from Home and overseas Commands of the British Army and 2 from the Royal Navy. They will travel by air.
2. This indoctrinee force will be one of a number of "groups" taking part in the trials and will be referred to in later instructions as the "IF Group".
3. After basic instruction in LONDON or SINGAPORE and detailed briefing at MARALINGA on the nature and conduct of the trials, indoctrinees will be exposed at a safe distance to the flash, thermal and blast effects of a nuclear explosion. They will make a conducted tour of the firing area and of the various items of Service equipment, vehicles, structures etc exposed for trials purposes, both before and after firing.

AIM

4. To enable these selected officers:
 - (a) To experience the effects of a nuclear explosion
 - (b) To examine the effects of such explosion on the ground and on weapons and equipment
 - (c) To pass on their experience to other members of the Armed Forces at the conclusion of the trial.

METHOD

5. ASSEMBLY

(a) In the UNITED KINGDOM

- (i) Officers attending from Home Commands, BAOR, WEST AFRICA, MALTA and GIBRALTAR will report to [redacted], not later than 1600 hours Thursday, 9th August, 1956. There they will receive their passports and air travel tickets and have their medical certificates and the other documents detailed in para 14 below checked. They will also write in the book provided, their addresses and telephone numbers in case changes in travel arrangements prove necessary.
- (ii) Officers from BAOR, WEST AFRICA, MALTA and GIBRALTAR will be required to show their AFsW 5133.
- (iii) Officers will be responsible for making their own arrangements for accommodation in the LONDON area from the time of arrival until departure for AUSTRALIA.

(b) In SINGAPORE

All officers except those covered by sub-para (a) above and the officer from the CARIBBEAN area will assemble and be accommodated under arrangements made by [redacted]. They will report in SINGAPORE not later than 18th August, 1956. [redacted] will notify all concerned (copy to [redacted]) of the complete assembly arrangements including arrangements for the preliminary instruction detailed in para 6(b) below.



6. PRELIMINARY INSTRUCTION

(a) In LONDON

(i) A two day period of preliminary instruction will be held in the [REDACTED], on Friday and Saturday, 10th and 11th August, 1956. This will be attended by all officers assembling in London. Syllabus is attached as Annexure "A".

(ii) Dress - Service Dress or Battle Dress

(b) In SINGAPORE

Preliminary instruction will be given to personnel attending from Overseas Commands, less those from BAOR, GIBRALTAR, MALTA, WEST AFRICA and the CARIBBEAN Area at SINGAPORE on 19th and 20th August, 1956, under arrangements made by [REDACTED] and the Chief Instructor, Joint School of Chemical Warfare

[REDACTED] The latter will arrange all further details with [REDACTED], through the [REDACTED]. A syllabus on similar lines to that attached as Annexure "A" will be sent to [REDACTED] by [REDACTED] through the [REDACTED], for reproduction and issue to all concerned.

7. MOVEMENT OUTWARD

(a) Officers assembling in UNITED KINGDOM

The bulk of these will be despatched either by BOAC/QUANTAS scheduled flights leaving LONDON between 12th and 19th August to SYDNEY or by a Hastings aircraft leaving LONDON on 14th August direct for MARALINGA. Those routed via SYDNEY will be moved by local charter aircraft to MARALINGA. A few officers will be moved by scheduled trooping flights to SINGAPORE. Thence they will move to MARALINGA with officers assembling in SINGAPORE

(b) Officers Assembling in SINGAPORE

These officers will be despatched from SINGAPORE on a charter aircraft direct to MARALINGA

(c) Full arrangements for outward movement are given in Annexures "B" and "C" attached. *(Not reproduced)*

8. PROGRAMME IN MARALINGA

(a) Officers will have a rest period of from one to five days after arrival at MARALINGA.

(b) It is intended that the programme of work should be as follows:-

D - 3: Rehearsal and pre-firing tour of area and equipment
D - 2) Instruction in the nature and conduct of the trials
D - 1) Witness explosion
D Day: First half of IF Group tour firing area
D + 1: Second half of IF Group tour firing area
D + 2:

(c) In order to help in the assessment of the value of indoctrination during trials of this nature, officers will be asked to complete an individual questionnaire at MARALINGA before 'D' Day and a follow-up questionnaire later.

(d) Whilst theoretically some officers could be moved out of MARALINGA from D + 2 onwards, owing to the uncertainty of the date of firing, a few days delay is expected before movement can start.

[REDACTED]

9. MOVEMENT ON RETURN

(a) Officers originally assembling in UNITED KINGDOM

- (i) The bulk of these officers will be lifted by local charter aircraft from MARALINGA to the SYDNEY area to await seats on scheduled BOAC/QUANTAS aircraft to final destination
- (ii) One Hastings load will be flown direct from MARALINGA to the UNITED KINGDOM.

(b) Officers originally assembling in SINGAPORE

All these officers will be moved in the same way as those in para 9(a)(i) above.

ADMINISTRATION

10. DRESS

(a) During Travel

- (i) By civilian airlines - civilian clothes
- (ii) By Service aircraft - uniform - (Service dress or Battle Dress).
- (iii) Officers proceeding to Australia by Service aircraft may return by civilian airlines and vice versa, therefore, both uniform and civilian clothes are required.

(b) In MARALINGA Area

- (i) Two suits of Australian Army Battle Dress per officer will be issued. Working dress on arrival at [REDACTED] Great coats will also be provided.
- (ii) For the examination of effects after the explosion special protective clothing will be provided.
- (iii) Due to shortage of water for laundry purposes a plentiful supply of socks, shirts and underwear should be taken.

(c) In SYDNEY Area

- (i) Due to the limitation on weight little formal dress can be taken but a lounge suit will be required.
- (ii) Nearly all officers will be staying either on the outward or return journey with the Australian Army. Those in possession will wear service dress whilst attached, others will wear British battle dress

EQUIPMENT

11. (a) Only essential equipment will be taken. This is:-

- (i) web belt,
- (ii) respirator anti-gas, light MK6
- (iii) water bottle,
- (iv) small pack (for pack meals)
- (v) binoculars

- (b) The respirator must be serviceable and properly fitted in accordance with Section 11 of "Gas Training 1951", [REDACTED] Code No.8511 paras 3 to 6 inclusive.

- (c) Officers who require to wear spectacles at all times will be in possession of Service spectacles with flattened side members designed for wear with respirators. Instructions are contained in Section 11 of "Gas Training 1951".

12. BAGGAGE

- (a) Baggage limit for all personnel regardless of method of travel will be restricted to 44 pounds, except as especially authorised at para 23 below.
- (b) Articles such as respirator, binoculars, trench coat etc will not be weighed but a brief case or small bag retained by the individual while on the aircraft may be weighed and counted against the limit of 44 pounds.
- (c) Officers are strongly advised to carry with them two bags, one to be retained during the flight with such items as shaving kit, towel, slippers, etc plus a change of socks, shirt etc.

13. PASSPORTS

- (a) Passports of all officers of the Indoctrinee Force from the United Kingdom, BAOR, GIBRALTAR, MALTA and WEST AFRICA, will be forwarded to the [REDACTED] by not later than 18th July, 1956.
- (b) The requisite visas will be obtained by the [REDACTED], renewals will be made if required and passports will be re-issued to officers on arrival at [REDACTED].
- (c) Passport arrangements for overseas Commands (less BAOR, GIBRALTAR, MALTA and WEST AFRICA) will be under Command arrangements.

14. MEDICAL

- (a) International Certificates of Vaccination/Inoculation

- (i) All officers of the Indoctrinee Force will be in possession of valid International Certificates of Vaccination/Inoculation against:-

Smallpox (F Med 101) dated not less than eight days (except in the case of re-vaccination when valid immediately) nor more than two years before expected date of departure.

Cholera (F Med 102) dated not less than six days (except in the case of re-inoculation within six months of previous inoculation when valid immediately) nor more than two months before expected date of departure.

Yellow Fever (F Med 103) dated not less than 10 days nor more than five years and eight months before expected date of departure.

- (ii) The times given will ensure that re-vaccination/inoculation is not required for the return journey.

- (iii) All immunization except against Yellow Fever can be carried out at the nearest medical centre. Immunization against Yellow Fever is carried out at specially authorized centres addresses of which may be obtained from the nearest medical headquarters.

- (b) TABT

All personnel will be fully protected by TABT prior to leaving permanent duty stations. Appropriate entries must be shown in AB 439.

(c) Blood Count and Chest X-ray

In the officers' own interest they will be subjected to a blood count as for workers with radioactive substances plus a chest X-ray. Both to be completed prior to leaving permanent duty stations.

(d) Medical Examination

All officers not now serving in the tropics will be medically examined for fitness to serve in the tropics and issued with certificates of fitness before leaving permanent duty stations.

(e) Dental Treatment

All personnel will have any necessary dental treatment completed prior to leaving permanent duty stations.

15. ACCOMMODATION

(a) At MARALINGA

Officers will be accommodated during their stay in the MARALINGA area in a tented camp to be erected by the Australian Army at GUNDULPH, 11 miles North of WATSON near MARALINGA, about 600 miles North West of ADELAIDE. Conditions will be austere and water in short supply. This camp will be run by the Australian Army who will provide bedding and camp equipment.

(b) At SYDNEY

Outward journey - Those officers who do not fly direct from UK or SINGAPORE into MARALINGA will be accommodated by the Australian Army in SYDNEY except for seven senior officers who will be accommodated in a Civilian Club.

Return journey - All officers except the thirtythree returning to UK direct from MARALINGA on the HASTINGS will be accommodated in SYDNEY. Owing to the uncertainty of the date of firing, it will probably be a month after 'D' day before the airlines can move the last officer out of SYDNEY. Waiting time in SYDNEY is likely to average 14 days. The Australian Army authorities have at considerable inconvenience made special arrangements to accommodate the bulk of the Indoctrinee Force with Army units for the period required whatever that period may turn out to be. It is hoped to accommodate seven senior officers, not below the rank of Colonel at SYDNEY clubs. All details will be given out in due course.

16. DISCIPLINE

(a) For purposes of discipline, all military officers from the British Army comprising the Indoctrinee Force will be attached to the Royal Air Force under the provisions of Section 179A of the Air Force Act and Section 179A of the Army Act and thus subject to the Air Force Act.

(b) In order to effect such attachment a disposal order, an example of which is shown below, will be published by Headquarters, Eastern Command and [redacted] immediately prior to departure of the Indoctrinee Force from London and Singapore. A copy of the order will be forwarded to Headquarters Bomber Command, Royal Air Force.

"The personnel detailed below (individual names to be inserted) will serve with the BUFFALO TASK FORCE and whilst so serving will be subject to the provisions of Section 179A of the Air Force Act and Section 179A of the Army Act".

(c) Headquarters, Bomber Command, Royal Air Force, will publish a reciprocal attachment order upon receipt of the orders mentioned in sub para (b) above.

(d) Nominal rolls to be used for the purpose of the orders will be forwarded by the War Office (MT11) to Headquarters, Eastern Command and [REDACTED].

17. WEAPONS

No weapons or ammunition will be taken to Australia.

18. PAY AND ALLOWANCES

See Annexure 'D' attached. (Not reproduced)

19. POSTAL

(a) Postal address for the Indoctrinee Force will be:-

Rank, Name,

[REDACTED],
[REDACTED].

(b) [REDACTED] must be written in full to avoid possible confusion with BAOR.

20. NOMINAL ROLL - INDOCTRINEES AND RESERVES

(Not reproduced)

Nominal roll of all indoctrinees and reserves, by Commands, showing ultimate destinations is attached as Annexure "E". Officers who become casualties after arrival in LONDON or SINGAPORE will be replaced by reserves nominated by the [REDACTED] respectively.

COMMAND AND CONTROL

21. BUFFALO TRIALS EXECUTIVE STAFF

Trials Director: [REDACTED]
Trials Deputy Director: [REDACTED]
Trials Co-ordinator: [REDACTED]
Co-ordinator of Indoctrinee Force: [REDACTED]

22. Personnel assembling at SINGAPORE

These officers will be put under command, for the duration of their stay in SINGAPORE and whilst en route to MARALINGA, of a senior indoctrinee to be nominated by [REDACTED]. This officer will be assisted by [REDACTED] of the JSCW.

23. Personnel assembling in LONDON

These officers will be under the command of [REDACTED], DSO from 9th August, 1956 until return to permanent duty stations.

The Commander will be assisted by:-

[REDACTED] and Liaison with AWRE Trials Staff
GS
Adm
Mov
Pay/Finance

The above officers will be allowed an additional ten pounds excess baggage to cover the carriage of essential papers/documents etc related to their special duties.

24. Command and Control in AUSTRALIA

[REDACTED] assisted by the staff detailed in para 23 above will exercise command over the whole Indoctrinee Force as a group on arrival in AUSTRALIA.

25. Overall Command in AUSTRALIA

The Indoctrinee Force will be under the overall command of the BUFFALO TASK FORCE Commander, Air Commodore [REDACTED], RAF who is in charge of all military groups.

26. Conducting Officers

Certain Officers from amongst the indoctrinees will be appointed as Conducting Officers. They will be selected from those with some scientific background and will act as leaders during the trials.

SECURITY

27. Positive Vetting

All officers comprising the Indoctrinee Force will be positive vetted prior to emplaning.

28. Classified Documents

Owing to the difficulty of safeguarding classified documents whilst in the MARALINGA area, the minimum number of documents of high security grading will be taken.

29. Cameras

Cameras may be taken for use during the journey to and from Australia but must be handed in immediately on arrival at [REDACTED].

30. Regulations and Instructions

Whilst in the MARALINGA area officers comprising the Indoctrinee Force will comply with all security regulations and instructions issued by the Trials Director.

[REDACTED]

[REDACTED]

[REDACTED]

BUFFALO TRIALS

PROGRAMME OF
PRELIMINARY INSTRUCTION OF INDOCTRINEES

10th and 11th August 1956

[REDACTED]

Annexure 'A' to Buffalo Trials
Indoctrinee Instruction No.1
dated 16 July, 1956.

Friday 10th August.

Serial	Time	Subject	Speaker/Remarks
1	0930 - 0945	Opening address	[REDACTED]
2	0945 - 1000	Administrative Points	[REDACTED]
3	1000 - 1010	Introduction	[REDACTED]
4	1010 - 1040	General Conduct of the Trial	[REDACTED]
5	1040 - 1115	Coffee break	[REDACTED]
6	1115 - 1140	Film. "The Atom Strikes" (C5339)	[REDACTED]
7	1145 - 1230	Lecture. Characteristics of Nuclear Explosions	[REDACTED]
8	1235 - 1255	Film. Atomic Support for the Soldier (55494)	[REDACTED]
9	1255 - 1400	Lunch Break	[REDACTED]
10	1400 - 1445	Lecture. Surface and Sub-surface explosions.	[REDACTED]
11	1450 - 1520	Films. "Effects of Atomic Explosions" (C5459)) Pathe News Reel)	[REDACTED]
12	1525 - 1605	Lecture. Protection - Immediate Effects	[REDACTED]
13	1610 - 1650	Lecture. Protection - Residual Effects	[REDACTED]
14	1655 - 1730	Film. Effects of atomic weapons against troops in the Field.	[REDACTED]

[REDACTED]

Saturday 11th August.

Serial	Time	Subject	Speaker/Remarks
15	0930 - 1015	Lecture. Radiac Instruments	[REDACTED]
16	1020 - 1100	Lecture. Monitoring	[REDACTED]
17	1130 - 1215	Lecture. Decontamination	[REDACTED]
18	1220 - 1250	Films. Operation "Crossroads")	[REDACTED]
		Operation "Totem")	

[REDACTED]



Further correspondence on this subject should be addressed to:
"The Under-Secretary of State (AT 11) 7. 44. 11 Telephone :
at the address hereunder : PROJAN 2000
Ext 2616

Please quote in any reply:

57/Misc/8858 (AT 11)

UK UNCLASSIFIED *sh*

18 July, 1956

PRIORITY

Sir,

BUFFALO Trials

I am directed to forward for your information a copy
of BUFFALO Trials Indoctrinee Force Instruction No. 1.

I am, Sir,
Your obedient servant,

AND
lear
rese
om

*See by SCGS
and BGS(B)
11/20/77*

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

25

21

11/20/77

BR/125/8

UK UNCLASSIFIED *sh*

UK UNCLASSIFIED

57/Misc/8858(1T11)

BUFFALO TRIALS

16th July, 1956.

INDOCTRINEE FORCE INSTRUCTION NO. 1

GENERAL

1. Some 250 officers of the Armed Forces of the UNITED KINGDOM, AUSTRALIA AND NEW ZEALAND will participate as indoctrinees in the first of a series of nuclear trials to be carried out in August/September, 1956, at MARALINGA. 177 of these officers will be from Home and overseas Commands of the British Army and 2 from the Royal Navy. They will travel by air.
2. This indoctrinee force will be one of a number of "groups" taking part in the trials and will be referred to in later instructions as the "IF Group".
3. After basic instruction in LONDON or SINGAPORE and detailed briefing at MARALINGA on the nature and conduct of the trials, indoctrinees will be exposed at a safe distance to the flash, thermal and blast effects of a nuclear explosion. They will make a conducted tour of the firing area and of the various items of Service equipment, vehicles, structures etc exposed for trials purposes, both before and after firing.

AIM:

4. To enable these selected officers:
 - (a) To experience the effects of a nuclear explosion
 - (b) To examine the effects of such explosion on the ground and on weapons and equipment
 - (c) To pass on their experience to other members of the Armed Forces at the conclusion of the trial.

METHOD

5. ASSEMBLY

(a) In the UNITED KINGDOM:

- (i) Officers attending from Home Commands, BAOR, WEST AFRICA, MALTA and GIBRALTAR will report to [REDACTED], not later than 1600 hours Thursday, 9th August, 1956. There they will receive their passports and air travel tickets and have their medical certificates and the other documents detailed in para 14 below checked. They will also write in the book provided, their addresses and telephone numbers in case changes in travel arrangements prove necessary.
- (ii) Officers from BAOR, WEST AFRICA, MALTA and GIBRALTAR will be required to show their AFs 5133.
- (iii) Officers will be responsible for making their own arrangements for accommodation in the LONDON area from the time of arrival until departure for AUSTRALIA.

(b) In SINGAPORE

All officers except those covered by sub-para (a) above and the officer from the CARIBBEAN area will assemble and be accommodated under arrangements made by [REDACTED]. They will report in SINGAPORE not later than 18th August, 1956. [REDACTED] will notify all concerned (copy to [REDACTED]) of the complete assembly arrangements including arrangements for the preliminary instruction detailed in para 6(b) below.

UK UNCLASSIFIED

BR/125/7

UK UNCLASSIFIED

6. PRELIMINARY INSTRUCTION

(a) In LONDON

- (i) A two day period of preliminary instruction will be held in the [redacted], on Friday and Saturday, 10th and 11th August, 1956. This will be attended by all officers assembling in London. Syllabus is attached as Annexure "A".
- (ii) Dress - Service Dress or Battle Dress

(b) In SINGAPORE

Preliminary instruction will be given to personnel attending from Overseas Commands, less those from BAOR, GIBRALTAR, MALTA, WEST AFRICA and the CARIBBEAN Area at SINGAPORE on 19th and 20th August, 1956, under arrangements made by [redacted] and the Chief Instructor, Joint School of Chemical Warfare

The latter will arrange all further details with [redacted] through the [redacted]. A syllabus on similar lines to that attached as Annexure "A" will be sent to [redacted] through the [redacted] [redacted] for reproduction and issue to all concerned.

7. MOVEMENT OUTWARD

(a) Officers assembling in UNITED KINGDOM

The bulk of these will be despatched either by FOAC/QUANTAS scheduled flights leaving LONDON between 12th and 19th August to SYDNEY or by a Hastings aircraft leaving LONDON on 14th August direct for MARALINGA. Those routed via SYDNEY will be moved by local charter aircraft to MARALINGA. A few officers will be moved by scheduled trooping flights to SINGAPORE. Thence they will move to MARALINGA with officers assembling in SINGAPORE

(b) Officers Assembling in SINGAPORE

These officers will be despatched from SINGAPORE on a charter aircraft direct to MARALINGA

- (c) Full arrangements for outward movement are given in Annexures "B" and "C" attached.

8. PROGRAMME IN MARALINGA

- (a) Officers will have a rest period of from one to five days after arrival at MARALINGA.

- (b) It is intended that the programme of work should be as follows:-

- D - 3: Rehearsal and pre-firing tour of area and equipment
- D - 2) Instruction in the nature and conduct of the trials
- D - 1) Witness explosion
- D Day: Witness explosion
- D + 1: First half of IF Group tour firing area
- D + 2: Second half of IF Group tour firing area

- (c) In order to help in the assessment of the value of indoctrination during trials of this nature, officers will be asked to complete an individual questionnaire at MARALINGA before 'D' Day and a follow-up questionnaire later.

- (d) Whilst theoretically some officers could be moved out of MARALINGA from D + 2 onwards, owing to the uncertainty of the date of firing, a few days delay is expected before movement can start.

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9. MOVEMENT ON RETURN

(a) Officers originally assembling in UNITED KINGDOM

- (i) The bulk of these officers will be lifted by local charter aircraft from MARALINGA to the SYDNEY area to await seats on scheduled BOAC/QUANTAS aircraft to final destination
- (ii) One Hastings load will be flown direct from MARALINGA to the UNITED KINGDOM.

(b) Officers originally assembling in SINGAPORE

All these officers will be moved in the same way as those in para 9(a)(i) above.

ADMINISTRATION

10. DRESS

(a) During Travel

- (i) By civilian airlines - civilian clothes
- (ii) By Service aircraft - uniform - (Service dress or Battle Dress)
- (iii) Officers proceeding to Australia by Service aircraft may return by civilian airlines and vice versa, therefore, both uniform and civilian clothes are required.

(b) In MARALINGA Area

- (i) Two suits of Australian Army Battle Dress per officer will be issued working dress on arrival at [redacted] Great coats will also be provided. *C-1000*
- (ii) For the examination of effects after the explosion special protective clothing will be provided.
- (iii) Due to shortage of water for laundry purposes a plentiful supply of socks, shirts and underwear should be taken.

(c) In SYDNEY Area

- (i) Due to the limitation on weight little formal dress can be taken but a lounge suit will be required.
- (ii) Nearly all officers will be staying either on the outward or return journey with the Australian Army. Those in possession will wear service dress whilst attached, others will wear British battle dress

EQUIPMENT

11. (a) Only essential equipment will be taken. This is:-

- (i) web belt,
- (ii) respirator anti-gas, light MK6
- (iii) water bottle,
- (iv) small pack (for pack meals)
- (v) binoculars

(b) The respirator must be serviceable and properly fitted in accordance with Section 11 of "Gas Training 1951", War Office Code No.8511 paras 3 to 6 inclusive.

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- (c) Officers who require to wear spectacles at all times will be in possession of Service spectacles with flattened side members designed for wear with respirators. Instructions are contained in Section 11 of "Gas Training 1951".

12. BAGGAGE

- (a) Baggage limit for all personnel regardless of method of travel will be restricted to 44 pounds, except as especially authorised at para 23 below.
- (b) Articles such as respirator, binoculars, trench coat etc will not be weighed but a brief case or small bag retained by the individual while on the aircraft may be weighed and counted against the limit of 44 pounds.
- (c) Officers are strongly advised to carry with them two bags, one to be retained during the flight with such items as shaving kit, towel, slippers, etc plus a change of socks, shirt etc.

13. PASSPORTS

- (a) Passports of all officers of the Indoctrinee Force from the United Kingdom, BAOR, GIBRALTAR, MALTA and WEST AFRICA, will be forwarded to the War Office (PAL Family Passages) by not later than 18th July, 1956.
- (b) The requisite visas will be obtained by the [REDACTED], renewals will be made if required and passports will be re-issued to officers on arrival at [REDACTED].
- (c) Passport arrangements for overseas Commands (less BAOR, GIBRALTAR, MALTA and WEST AFRICA) will be under Command arrangements.

14. MEDICAL

(a) International Certificates of Vaccination/Inoculation

- (i) All officers of the Indoctrinee Force will be in possession of valid International Certificates of Vaccination/Inoculation against:-

Smallpox (F Med 101) dated not less than eight days (except in the case of re-vaccination when valid immediately) nor more than two years before expected date of departure.

Cholera (F Med 102) dated not less than six days (except in the case of re-inoculation within six months of previous inoculation when valid immediately) nor more than two months before expected date of departure.

Yellow Fever (F Med 103) dated not less than 10 days nor more than five years and eight months before expected date of departure.

- (ii) The times given will ensure that re-vaccination/inoculation is not required for the return journey.
- (iii) All immunization except against Yellow Fever can be carried out at the nearest medical centre. Immunization against Yellow Fever is carried out at specially authorized centres addresses of which may be obtained from the nearest medical headquarters.

(b) TABT

All personnel will be fully protected by TABT prior to leaving permanent duty stations. Appropriate entries must be shown in AF 439.

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(c) Blood Count and Chest X-ray

In the officers' own interest they will be subjected to a blood count as for workers with radioactive substances plus a chest X-ray. Both to be completed prior to leaving permanent duty stations.

(d) Medical Examination

All officers not now serving in the tropics will be medically examined for fitness to serve in the tropics and issued with certificates of fitness before leaving permanent duty stations.

(e) Dental Treatment

All personnel will have any necessary dental treatment completed prior to leaving permanent duty stations.

15. ACCOMMODATION

(a) At MARALINGA

Officers will be accommodated during their stay in the MARALINGA area in a tented camp to be erected by the Australian Army at GUNDULPH, 11 miles North of WATSON near MARALINGA, about 600 miles North West of ADELAIDE. Conditions will be austere and water in short supply. This camp will be run by the Australian Army who will provide bedding and camp equipment.

(b) At SYDNEY

Outward Journey - Those officers who do not fly direct from UK or SINGAPORE into MARALINGA will be accommodated by the Australian Army in SYDNEY except for seven senior officers who will be accommodated in a Civilian Club.

Return Journey - All officers except the thirtythree returning to UK direct from MARALINGA on the HASTINGS will be accommodated in SYDNEY. Owing to the uncertainty of the date of firing, it will probably be a month after 'D' day before the airlines can move the last officer out of SYDNEY. Waiting time in SYDNEY is likely to average 14 days. The Australian Army authorities have at considerable inconvenience made special arrangements to accommodate the bulk of the Indoctrinee Force with Army units for the period required whatever that period may turn out to be. It is hoped to accommodate seven senior officers, not below the rank of Colonel at SYDNEY clubs. All details will be given out in due course.

16. DISCIPLINE

(a) For purposes of discipline, all military officers from the British Army comprising the Indoctrinee Force will be attached to the Royal Air Force under the provisions of Section 179A of the Air Force Act and Section 179A of the Army Act and thus subject to the Air Force Act.

(b) In order to effect such attachment a disposal order, an example of which is shown below, will be published by Headquarters, Eastern Command and [redacted] immediately prior to departure of the Indoctrinee Force from London and Singapore. A copy of the order will be forwarded to Headquarters Bomber Command, Royal Air Force.

"The personnel detailed below (individual names to be inserted) will serve with the BUFFALO TASK FORCE and whilst so serving will be subject to the provisions of Section 179A of the Air Force Act and Section 179A of the Army Act".

(c) Headquarters, Bomber Command, Royal Air Force, will publish a reciprocal attachment order upon receipt of the orders mentioned in sub para (b) above.

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(d) Nominal rolls to be used for the purpose of the orders will be forwarded by the [redacted] to Headquarters, Eastern Command and [redacted]

17. WEAPONS

No weapons or ammunition will be taken to Australia.

18. PAY AND ALLOWANCES

See Annexure 'D' attached.

19. POSTAL

(a) Postal address for the Indoctrinee Force will be:-

Rank, Name,

[redacted]

(b) [redacted] must be written in full to avoid possible confusion with EMOR.

20. NOMINAL ROLL - INDOCTRINEES AND RESERVES

Nominal roll of all indoctrinees and reserves, by Commands, showing ultimate destinations is attached as Annexure "E". Officers who become casualties after arrival in LONDON or SINGAPORE will be replaced by reserves nominated by the [redacted] and [redacted] respectively.

COMMAND AND CONTROL

21. BUFFALO TRIALS EXECUTIVE STAFF

Trials Director: [redacted]
Trials Deputy Director: [redacted]
Trials Co-ordinator: [redacted]
Co-ordinator of Indoctrinee Force: [redacted]

22. Personnel assembling at SINGAPORE

These officers will be put under command, for the duration of their stay in SINGAPORE and whilst en route to MARALINGA, of a senior indoctrinee to be nominated by [redacted]. This officer will be assisted by [redacted] CI of the JSCW.

23. Personnel assembling in LONDON

These officers will be under the command of [redacted] DSO from 9th August, 1956 until return to permanent duty stations.

The Commander will be assisted by:-

[redacted] GS
[redacted] GS and Liaison with AWRE Trials Staff
[redacted] GS
[redacted] Adm
[redacted] Mov
[redacted] Pay/Finance

The above officers will be allowed an additional ten pounds excess baggage to cover the carriage of essential papers/documents etc related to their special duties.

[redacted]

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24. Command and Control in AUSTRALIA

[REDACTED] assisted by the staff detailed in para 23 above will exercise command over the whole Indoctrinee Force as a group on arrival in AUSTRALIA.

25. Overall Command in AUSTRALIA

The Indoctrinee Force will be under the overall command of the BUFFALO TASK FORCE Commander, Air Commodore [REDACTED] RAF who is in charge of all military groups.

26. Conducting Officers

Certain Officers from amongst the indoctrinees will be appointed as Conducting Officers. They will be selected from those with some scientific background and will act as leaders during the trials.

SECURITY

27. Positive Vetting

All officers comprising the Indoctrinee Force will be positive vetted prior to emplaning.

28. Classified Documents

Owing to the difficulty of safeguarding classified documents whilst in the MARALINCA area, the minimum number of documents of high security grading will be taken.

29. Cameras

Cameras may be taken for use during the journey to and from Australia but must be handed in immediately on arrival at [REDACTED]

30. Regulations and Instructions

Whilst in the MARALINCA area officers comprising the Indoctrinee Force will comply with all security regulations and instructions issued by the Trials Director.

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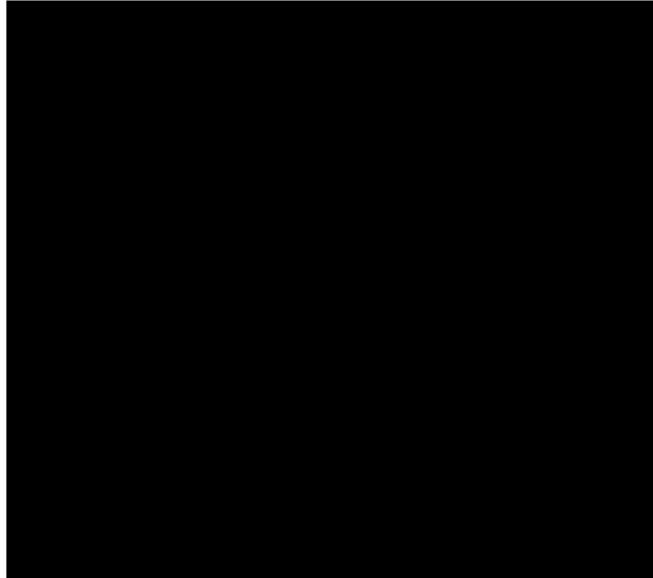
BUFFALO TRIALS

PROGRAMME OF
PRELIMINARY INSTRUCTION OF INDOCTRINEES

10th and 11th August 1956

Annexure 'A' to Buffalo Trials
Indoctrines Instruction No.1
dated 16 July, 1956.

Friday 10th August.

Serial	Time	Subject	Speaker/Remarks
1	0930 - 0945	Opening address	
2	0945 - 1000	Administrative Points	
3	1000 - 1010	Introduction	
4	1010 - 1040	General Conduct of the Trial	
5	1040 - 1115	Coffee break	
6	1115 - 1140	Film. "The Atom Strikes" (C5339)	
7	1145 - 1230	Lecture. Characteristics of Nuclear Explosions	
8	1235 - 1255	Film. Atomic Support for the Soldier (55494)	
9	1255 - 1400	Lunch Break	
10	1400 - 1445	Lecture. Surface and Sub-surface explosives.	
11	1450 - 1520	Films. "Effects of Atomic Explosions" (C5459) Pathe News Reel	
12	1525 - 1605	Lecture. Protection - Immediate Effects	
13	1610 - 1650	Lecture. Protection - Residual Effects	
14	1655 - 1730	Film. Effects of atomic weapons against troops in the Field.	

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[REDACTED]

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[Handwritten initials]

Saturday 11th August.

Serial	Time	Subject	Speaker/Remarks
15	0930 - 1015	Lecture. Radiac Instruments	[REDACTED]
16	1020 - 1100	Lecture. Monitoring	
17	1130 - 1215	Lecture. Decontamination	
18	1220 - 1250	Films. Operation "Crossroads" Operation "Totem")	

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[REDACTED]

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Annexure 'B'
to Buffalo Trials
Indoctrines
Instruction No. 1
dated 16 July, 1956.

Movement to and from AUSTRALIA

Method of Movement - Outward Journey

1. From UK and BAOR

(a) Personnel from BAOR will travel to UK by the normal surface route and will be despatched in time to report to [redacted] by not later than 1600 hrs 9th August 1956.

(b) The UK and BAOR contingent totalling 135 will travel from UK-AUSTRALIA by the following means -

(i) RAF Transport Command Hastings aircraft departing UK approx 14 August 1956 and arriving MARALINGA approx 21 August 1956 33 passengers.

(ii) BOAC Tourist Class scheduled services to SYDNEY as under:-

<u>Date ex LONDON</u>	<u>Date of arrival at SYDNEY</u>	<u>No of Passengers</u>
12 Aug	16 Aug	11
13 "	17 "	50
16 "	20 "	15
17 "	21 "	10
19 "	23 "	10
Total:		<u>96</u>

Onward movements from SYDNEY to MARALINGA for these officers will be by two charter aircraft, one leaving pm 20 August 1956 and one pm 23 August 1956.

(iii) Air Trooping service to SINGAPORE on date to be notified later. For onward movement SINGAPORE-AUSTRALIA see para 6. No of passengers 6.

(c) Detailed instructions for the above moves will be issued separately on arrival in London or Singapore.

2. From GIBRALTAR, MALTA and WEST AFRICA

Personnel will be despatched under local arrangements to UK by the normal air trooping service in time to report to [redacted] by not later than 1600 hrs 9th August 1956. They will then be moved to SINGAPORE by air trooping (date to be notified later) and onwards to AUSTRALIA as in para 6 below. No of passengers 3.

3. From MELF

Personnel will be moved under MELF arrangements to BAHREIN and thence to SINGAPORE by air trooping. Flight number and date will be notified later. For movement SINGAPORE to AUSTRALIA see para 6. No of passengers 12.

4. From EAST AFRICA

Personnel will travel from NAIROBI to SINGAPORE by civil commercial services to arrive SINGAPORE by 18 August 1956. GHQ EAST AFRICA will be responsible for booking tourist class passages through the local BOAC office by the most economical route requesting that the cost be charged to the [redacted] through BOAC LONDON. For movement SINGAPORE to AUSTRALIA see para 6. No of passengers 2.

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5. Personnel from UKSLS Staffs

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Personnel from UKSLS staffs, ie, one each from PRETORIA, SALISBURY and KARACHI, will travel by civil commercial services to SINGAPORE to arrive by 18 August. Bookings will be made locally with BOAC for tourist class passages by the most economical route, with the request that the cost be charged to the [redacted] through BOAC LONDON. For movement from SINGAPORE to AUSTRALIA see para 6. No of passengers 3.

6. From FARELF

- (a) Personnel will be concentrated at SINGAPORE under FARELF arrangements. No of passengers 20.
- (b) A chartered DC4 aircraft carrying 46 passengers will depart SINGAPORE 21 August 1956. It will go direct to MARALINGA arriving 22 Aug. Passengers carried will be as under -

from FARELF	-	20	
MELF	-	12	
UK	-	6	
GIBRALTAR	-	1	Total 46
MALTA	-	1	
WEST AFRICA	-	1	
EAST AFRICA	-	2	
UKSLS Staffs	-	3	

7. From CARIBBEAN

The officer will travel by civil commercial air services from KINGSTON to SYDNEY via SAN FRANCISCO. HQ CARIBBEAN Area will book a return tourist class passage locally through BOAC to ensure arrival at SYDNEY not later than 23 August 1956. The cost will be chargeable to the [redacted] through BOAC LONDON.

Notification of Emplanements

8. Despatching authorities will signal names of passengers, service on which emplaned, and estimated arrival date as follows:-

[redacted] to Army Melbourne (for Q Mov)	in respect of personnel in para 1(b)(i)
to " " " "	" " " " " " 1(b)(ii)
to FARELF	" " " " " " 1(b)(iii)
	& 2
GHQ MELF to FARELF	" " " " " " 3
GHQ EAST AFRICA to FARELF	" " " " " " 4
UKSLS Staffs to FARELF	" " " " " " 5
HQ CARIBBEAN Area to Army Melbourne (for Q Mov)	" " " " " " 7

Method of Movement - Return Journey

9. (a) UK-BAOR

- (i) 33 passengers by RAF Transport Command Hastings aircraft direct from MARALINGA to UK.
- (ii) 102 passengers by BOAC tourist service SYDNEY to UK.
- (iii) BAOR personnel will return from UK to BAOR by normal surface route.

(b) GIBRALTAR

By BOAC tourist service SYDNEY to UK and thence by air trooping to GIBRALTAR.

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- (c) MALTA, WEST AFRICA, EAST AFRICA, UKSLS Staffs and CARIBBEAN

By commercial tourist air services from SYDNEY direct to destination.

- (d) MELF

BOAC tourist service to SINGAPORE, thence by air trooping to BAHREIN and onward under MELF arrangements.

- (e) FARELF

BOAC tourist service to SINGAPORE and onwards under FARELF arrangements.

10. Except for 9(c) these arrangements are provisional only and are subject to alteration nearer the time of return in the light of transport facilities available.

Passports

11. Instructions regarding the provision of passports have already been issued to all Commands vide WGM 57/Misc/8858(MT11) dated 28 June 1956 to Home Commands, Troopers Signal 00411/MT11 dated 220900Z June 1956 to BAOR, and Troopers signal 00187/MT 11 dated 14 June 1956 to all other addressees.

12. Air routes to AUSTRALIA may involve passengers calling at some or all of the following countries where tourist visas are required. Instructions for obtaining appropriate visas are contained in para 13 of these instructions.

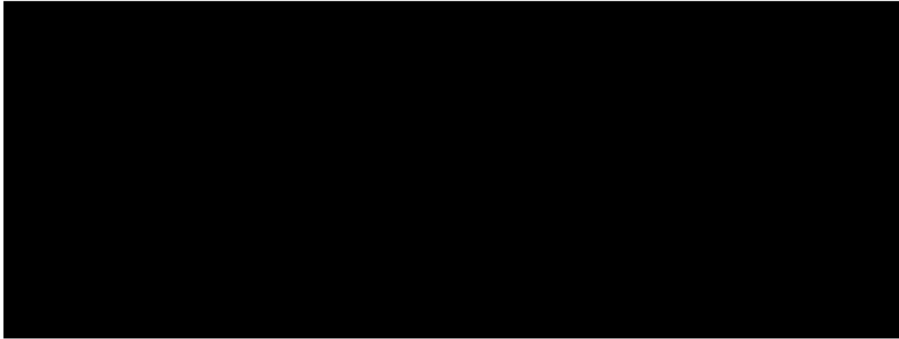
SIAM (for air trooping flights only)
INDONESIA
EGYPT (in the event of nightstops only)

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Annexure 'C' to Buffalo Trials
Indoctrinee Force Instruction No. 1
dated 16 July, 1956.

~~_____~~

12th August, 1956 - BOAC

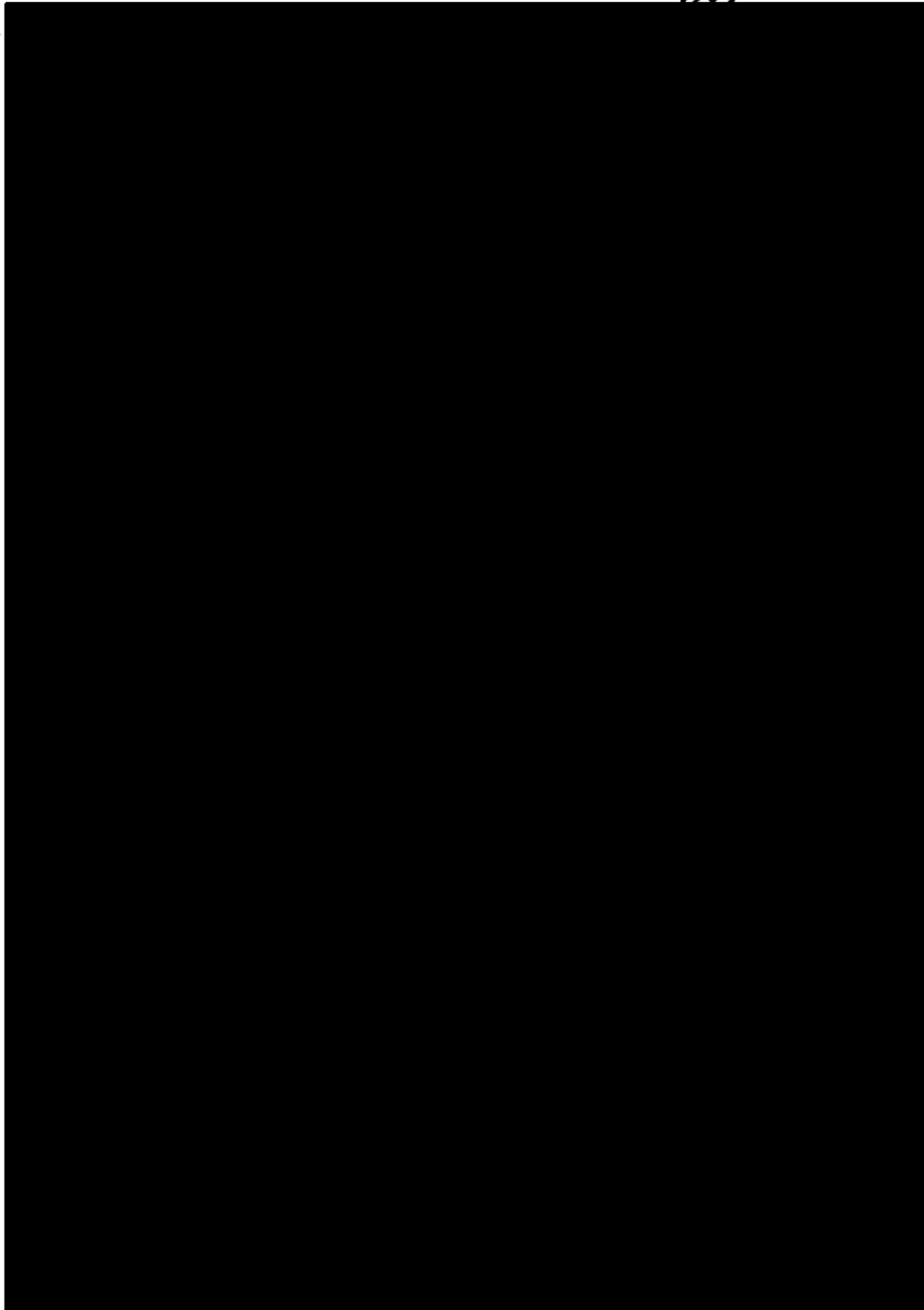


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EB

13th August, 1956 - FO/C

- 2 -
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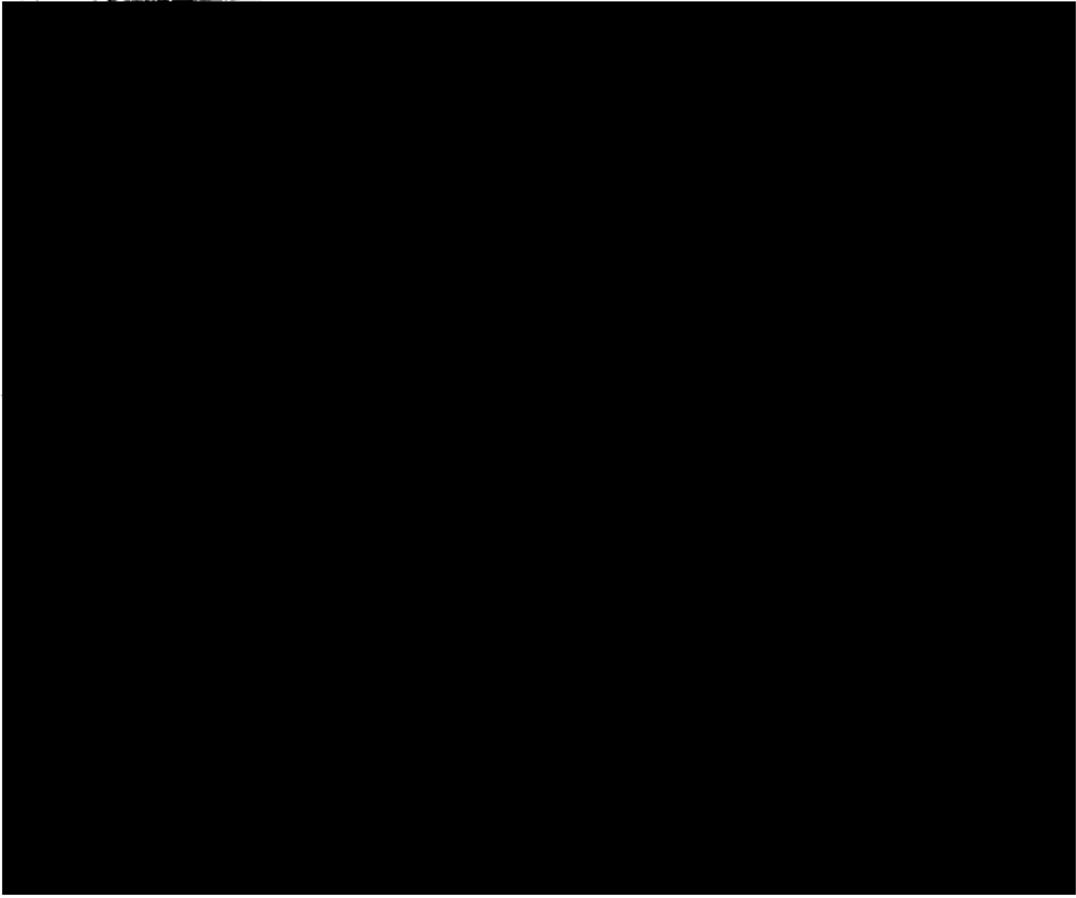


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- 3 -

14th August, 1956 - R.F (Hastings)



16th August, 1956, - HQ/C

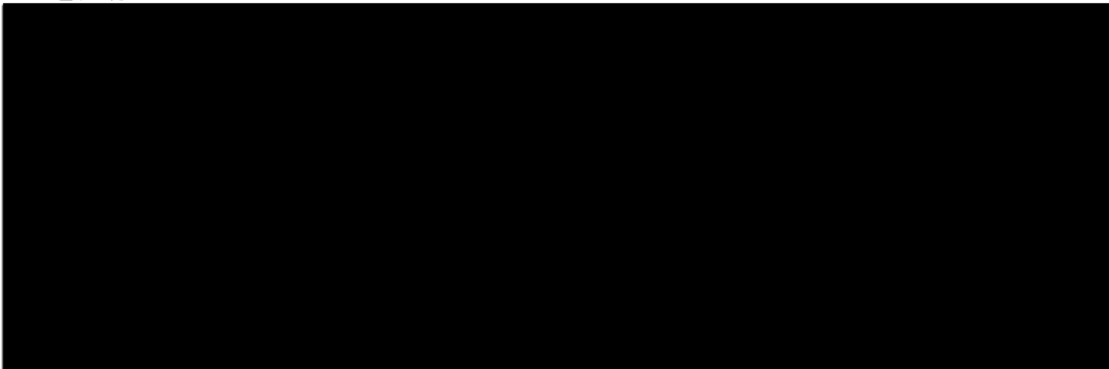


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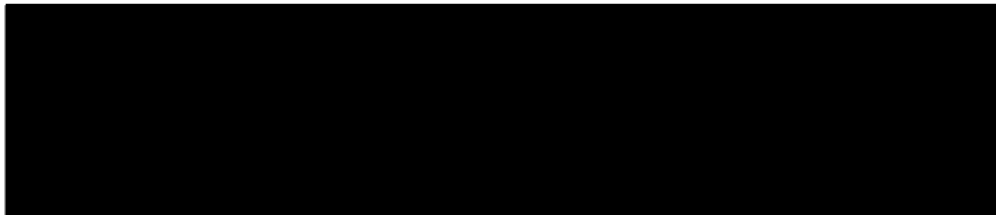
17th August, 1956, - BOAC



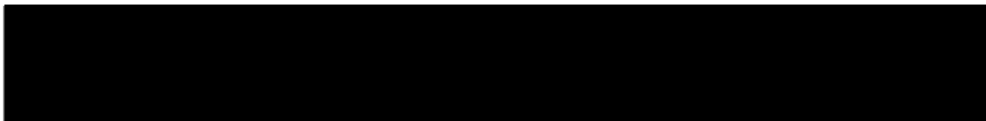
19th August, 1956, - BOAC



Air Trooping Service - "A" (Date to be notified).



Air Trooping Service - "B" (Date to be notified)



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Annexure 'D' to
Buffalo Trials Indoctrinee
instruction No 1
dated 16 July, 1956.

PAY AND ALLOWANCES

1. PAY

- (a) Issues of pay will be made to officers on AFW 3241 by the paymaster maintaining the Imprest Account. AFW 3241 will be provided at the time payment is made.
- (b) Issues drawn will be recovered from officers' banking accounts in the United Kingdom, or, where the officers' pay is issued locally by an overseas paymaster from subsequent credits of pay, without further reference to the officer.
- (c) Receipts on AFs W 3241 are equivalent to cheques drawn on an officers' banking account and officers will therefore ensure that there are sufficient funds in their bank accounts to cover the amounts drawn.
- (d) Officers comprising the Indoctrinee Force will be on Temporary Duty from time of leaving permanent duty stations until return thereto unless leave is granted during this period.

2. Local Overseas Allowance

- (a) Local overseas allowance at current rates will be admissible for those periods spent in Australia during which travelling allowance is inadmissible. Daily rates applicable as of July 1956 are:-

	<u>Married</u> <u>unaccompanied</u>	<u>Single</u>
Major General	12/6d	7/6d
Brigadier	11/9d	6/9d
Colonel and Lieutenant Colonel	11/0d	6/0d
Major and below	10/3d	5/3d

- (b) Married personnel who are not in receipt of local overseas allowance at their permanent duty station are eligible only for single rates unless their duty in Australia were to exceed 61 days (Allowance Regulations para 527).
- (c) The conditions governing the issue of local overseas allowance are contained in Allowance Regulations, Section 9.

3. Travelling and Detention Allowance

- (a) Claims for these from time of leaving permanent duty station to arrival in Australia will be met under the normal regulations of the theatre concerned.
- (b) As block arrangements for accommodation have been made in Australia it is unlikely that any claims in that country will be admissible except for certain senior officers accommodated in SYDNEY clubs.

4. Lodging and London Allowance

- (a) Personnel in receipt of lodging and/or London allowances at the time of their departure for Australia will continue to be eligible for these allowances provided that the accommodation occupied at their permanent station is retained paid for, and not sub-let, subject to a certificate being furnished to this effect.
- (b) The conditions governing the continued issue of lodging and London allowances during absence on Temporary Duty are contained in Allowance Regulations para 65 and 83.

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5. Travellers' Cheques

Not more than £10 Sterling will be taken out of the United Kingdom. Travellers' Cheques however in any desired amounts may be purchased by officers according to their individual requirements.

6. Tropical Kit Allowance

Due to the time of year the BUFFALO Trials are being held insofar as the Indoctrinee Force is concerned, tropical kit will not be required. No claim for this allowance will, therefore, be considered.

7. Publication of Part II Orders

Parent units will be responsible for publication of periods of entitlement to local overseas allowance in Part II Orders.

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Number	Rank	Initials	Name	Unit/Appointment	Remarks
--------	------	----------	------	------------------	---------

[REDACTED]

[REDACTED]

[REDACTED]

Num

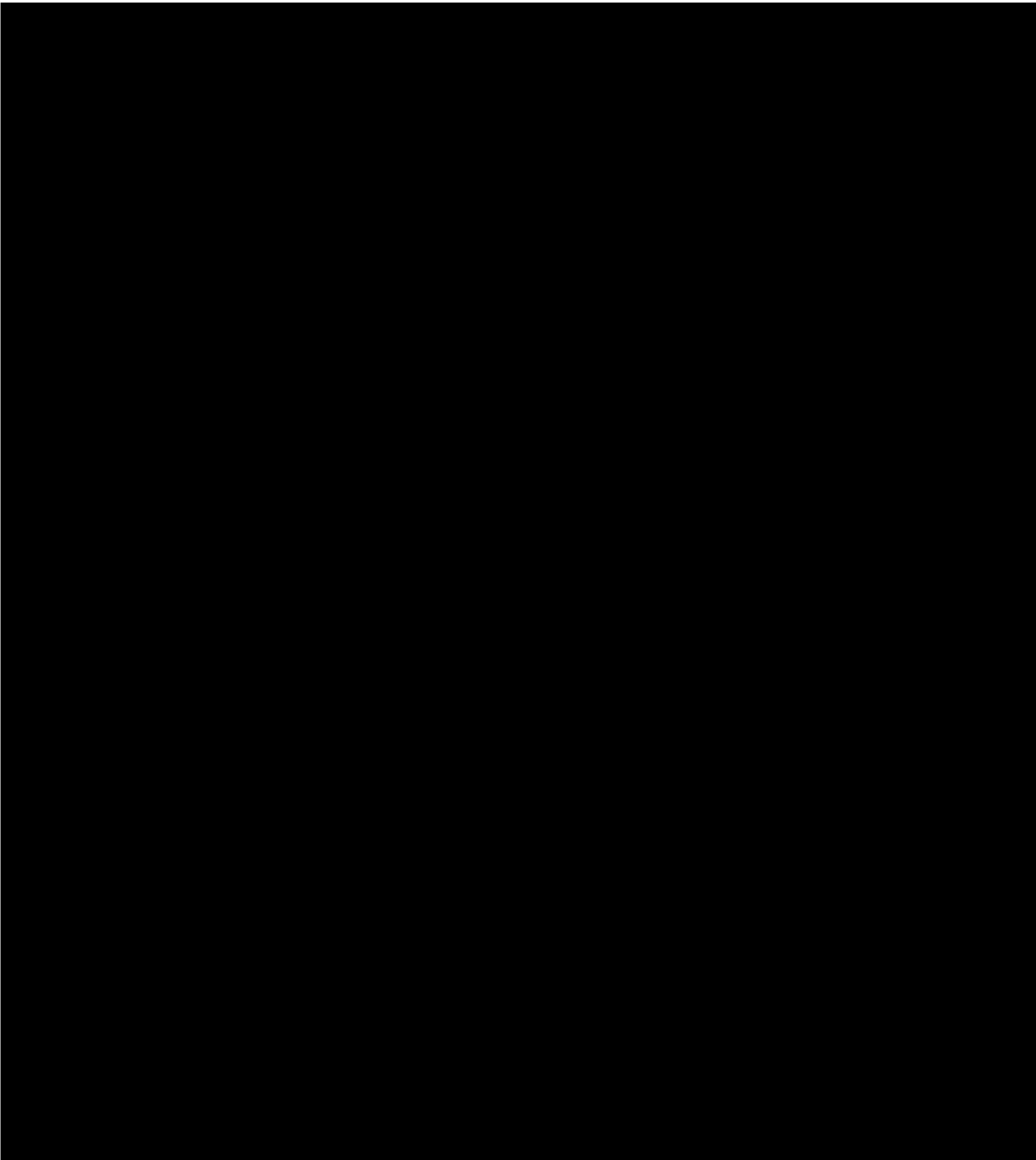
Rank

Initials

Name

Unit/Appointment

Remarks



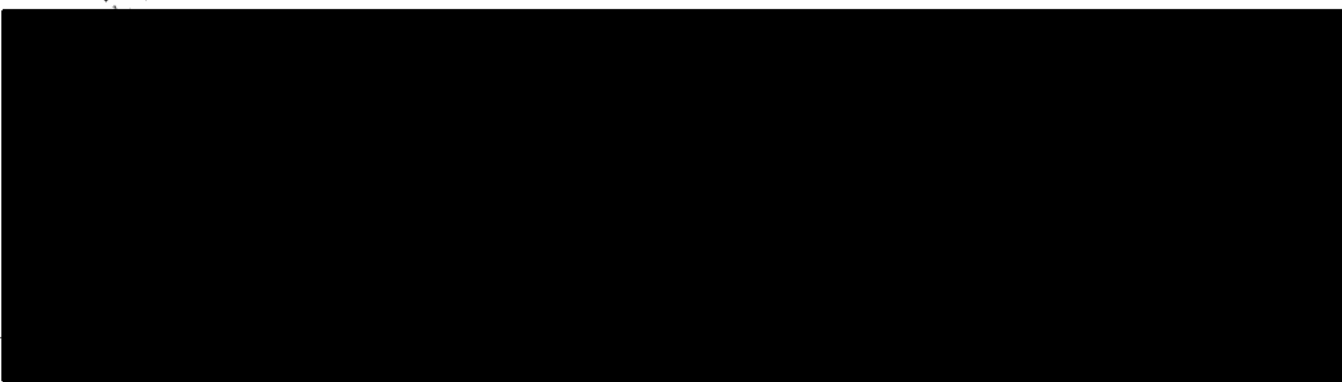
Member Rank Initials Name Unit/Appointment Remarks

1st Lt. East Land Forces

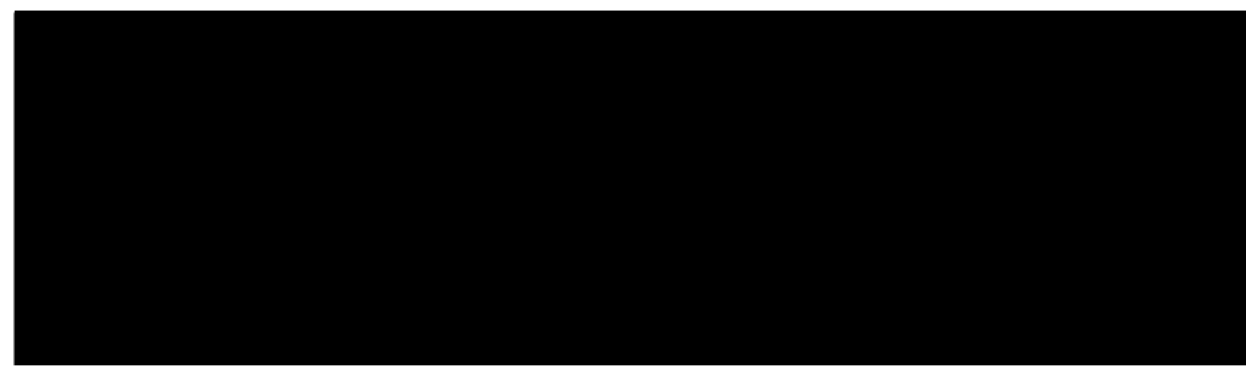
travel to U.K. on completion of trials.



Number Rank Initials Name Unit/Appointment Remarks



Responsible for administrative arrangements IF Group.



Responsible for movement of IF Group.

Number Rank Initials House Unit/Appointment Remarks

[Redacted]

Reserves

[Redacted]

Western Command

[Redacted]

Reserves

[Redacted]

Northern Ireland District

[Redacted]

[Redacted]

[Redacted]

Leaving from U.K.

[Redacted]

[Redacted]

Travelling via U.K.

[Redacted]

Travelling via U.K.

Rank	Initials	Unit/Assignment	Remarks
Reserve (Malta)			
		36 PAA Regt. RA No	
		R Sussex.	Ex U.K. will proceed Korea on completion of trials.
		RA Tp. Comd. 54 AA Regt. RA.	Travelling via U.K.
		RA Tp. Comd. 54 AA Regt. RA. No	
		Coy. 2 i/c IDCLI	Travelling direct to SYDNEY.
		IDCLI No	
		4 H (PRINCE OF WALES).	
		16/5 L (SALISBURY, RECESIA).	
		4 H (KARACHI).	
		RE (MELBOURNE).	To arrive SYDNEY under own arrangements.
British Army of the Rhine			
		GRA NORTHAG	
		RA 2 Inf. Div. No	
		AD. HQ BAOR.	
		RE 2 Inf. Div. No	
		22 Fd. Amb. RAAC.	
		AFG Ops HQ BAOR.	
		SO I (S) NORTHAG	
		4 Army Sigs. Regt. No	
		8 Corps Engr. Regt. No	
		Co 29 Fd. Regt. RA. No	
		53 LAA Regt. RA.	
		H	
		R Tks.	
		H.	
		L.	
		SO II (Int) NORTHAG.	
		AGHQ HQ BAOR.	
		SO II (S) 1 Br. Corps.	
		RHA	
		MRA 7 Armd. Div.	
		SO II (EFS) HQ NORTHAG	
		AD (Wks) HQ BAOR.	
		SO II (RE) 2 Inf. Div.	
		6 Fd. Engr. Regt. RE No	
		SO II (Ops) HQ NORTHAG.	
		ren. Cds.	
		Goldm. Gds.	
		RWF.	
		Bufs.	
		E Ian R	
		Border - below 430	
		SO II 4 Inf. Div. No	
		Dorset.	
		100 HQ BAOR.	
		AD 4/7 DG.	
		7/21 L	
		10 LAA Regt. RA.	
		7 Fd. Engr. Regt. RE.	
		RIP	
		E Yorks.	
		C (S & T) Rhine Dist.	

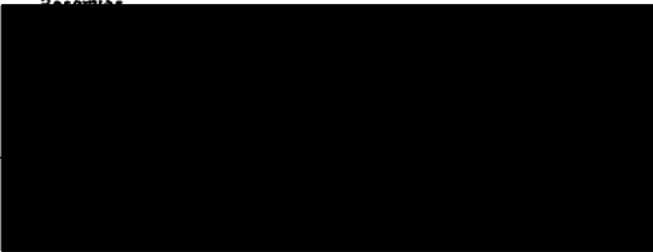
B. 24/12/7.

Number Rank Initials Name Unit/Appointment Remarks

British Army of the Rhine (Continued)



45 Fd. Regt. RA.
7 Armd. Div. Sigs. Regt.
1 Devon.
Army Operational Research Section.



BRAC 2 Div. No
CO 3 R Tks. — 530 mem.
4 RHA No
ColAm Cds. IO 4, Bde. No
R Sigs. — below 430
RASC. — below 400
CSO II NORTHAG.

[REDACTED]

BUFFALO TRIALS

INDOCTRINEE FORCE INSTRUCTION NO. 2

31 July, 1956.

1. SECURITY

The present security classifications allocated to the various aspects of the BUFFALO Trials are as follows:-

- (a) [REDACTED]
- (i) The specific nature and purpose of each weapon trial.
 - (ii) Design details of the weapons.
 - (iii) Nuclear efficiency, multiplication rate and radio chemical measurements relating to efficiency.
- (b) [REDACTED]
- (i) The yield of experimental weapons tested.
 - (ii) Details of measuring equipment used, except that in normal commercial (supply. [REDACTED])
 - (iii) Height of weapon towers.
 - (iv) The number of rounds to be fired.
- (c) [REDACTED]
- (i) Precise month in which trials are to take place. *
 - (ii) The layout and details of the weapon sites, instrumentation and equipment for test (but see sub-para. (b) (ii) and (iii) above.

* Items starred will or may be downgraded later.

2. IDENTITY CARDS

Each officer of the Indoctrinee Force will be in possession of British Army Identity Card - (AFB 2603).

3. CAMERAS

Further to para. 29 of Indoctrinee Force Instruction No. 1.

In view of the many restrictions in the carrying and use of cameras either during flight or at stop-overs Officers are advised not to take a camera with them.

4. STAFF MEETING

A meeting of officers detailed for special duties will be held in [REDACTED] at 1030 hours Thursday 9th August, 1956. The following will attend:-

[REDACTED]

Note [REDACTED]

5. STAFF - [REDACTED]

- (a) The Australian Army is providing a staff of approximately forty other ranks which will include drivers for vehicles to be used by the IF Group.
- (b) A Camp Commandant and Adjutant for [REDACTED] is being provided from the Australian contingent of the IF Group.

6. BREAKDOWN BY PARTIES

- (a) These are detailed in Annexure "A" to this Instruction which contains the breakdown of the British contingent of the IF Group into parties of approximately twenty each.
- (b) Wherever possible parties have been made up from members of one particular Arm or Service.

7. DEPARTURE FROM UK

Annexure "C" to Indoctrinee Force Instruction No. 1 notified the dates certain groups of officers would emplane from the United Kingdom. To further assist officers in planning their personal arrangements the time and place of reporting etc., are shown below:-

(a) BOAC

12th August, 1956	-	BOAC Party "A"
13th August, 1956	-	BOAC Party "B"
16th August, 1956	-	BOAC Party "C"
17th August, 1956	-	BOAC Party "D"
19th August, 1956	-	BOAC Party "E"

Officers Travelling by BOAC will report to Airways Terminal, [REDACTED] at 1830 hours (summer time) on the applicable dates given above.

(b) RAF (HASTINGS)

Officers Travelling by RAF (HASTINGS) will report to the [REDACTED] at 1600 hours (summer time) on 13th August, 1956.

(c) Air Trooping Service "A" and "B"

(i) Officers Travelling by Air Trooping Service "A" or "B" will report to [REDACTED] at 0615 hours on 15th August, 1956.

(ii) Officers who anticipate difficulty in reporting at such an early hour may obtain overnight accommodation at [REDACTED] if desired. Officers requiring overnight accommodation must submit a request for such accommodation when reporting to No. 1 AATU on 9th August, 1956, vide para. 5(a) of Indoctrinee Force Instruction No. 1.

8. PREFIRING SCHEDULES

A copy of the Prefiring Schedules is attached as Annexure "B" to this instruction for retention. An explanation of these schedules will be provided at [REDACTED]

DRESS

9. Reference para. 10 of Indoctrinee Force Instruction No. 1.

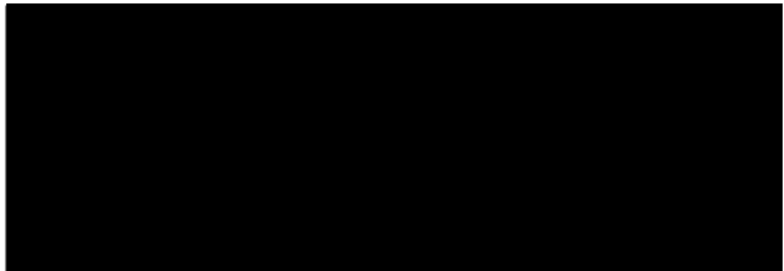
Dress to be provided by the Australian Army is "protective dress - khaki summer weight", designed for wear over battle dress and not actual battle dress. Accordingly, officers will now take a suit of British battle dress for wear during working hours.

10. NOTES FOR GUIDANCE OF INDOCTRINEES

Some notes which will be of interest to officers of the IF Group outlining requirements and conditions are attached as Annexure "C" to this Instruction.

11. AMENDMENTS

Certain changes, particularly in names of officers comprising the IF Group will be required to Indoctrinee Force Instructions Nos. 1 and 2. Amendments will be forwarded to all concerned from time to time.



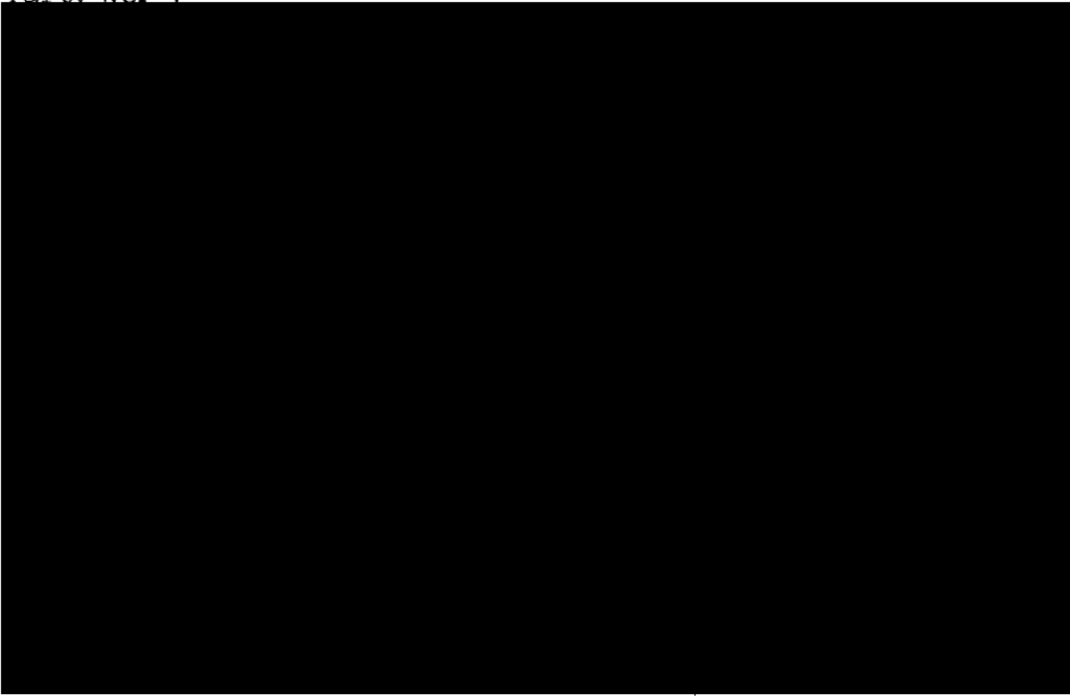
B.24/31/7.

Annexure A to BUFFALO Trials
Indoctrinee Force Instruction
No. 2 dated 31 July 1956

IF number

36294 Brig R.B.W. Bethel DSO 1

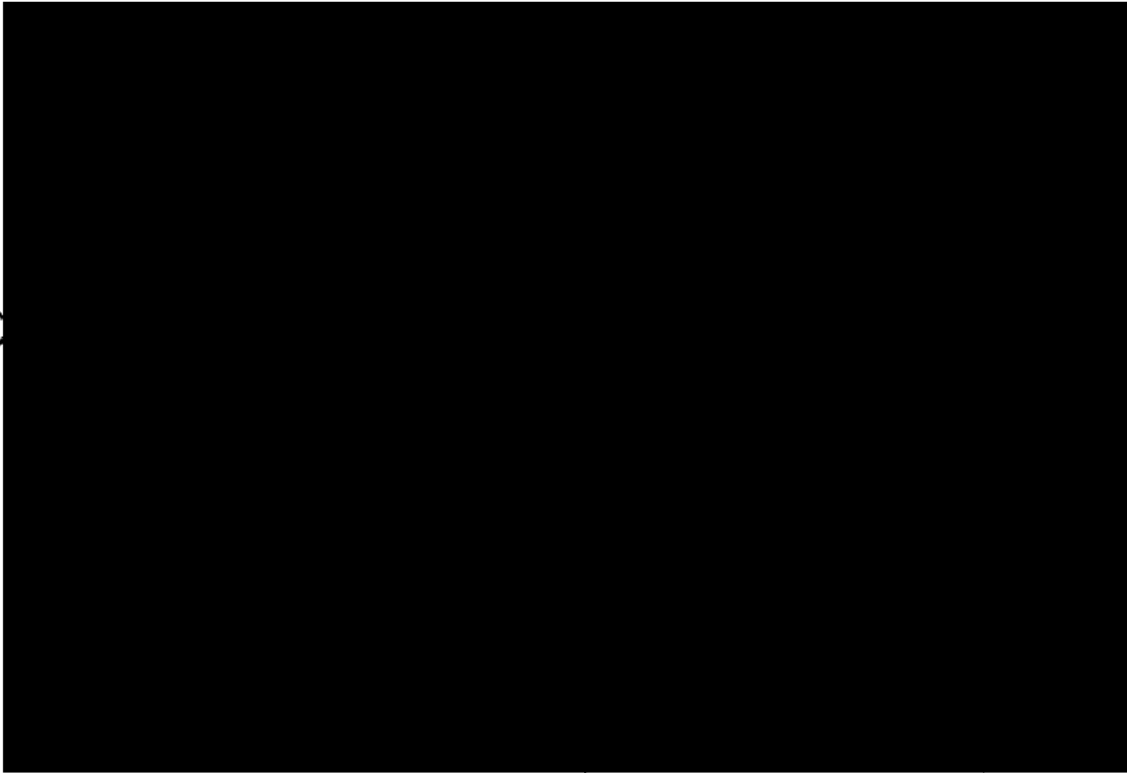
Party No. 1



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Conducting Officer: 4

Party No. 2



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Conducting Officer: 5

Party No. 3

IF number



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Attached:



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Conducting Officer:

6

Party No. 4



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Conducting Officer:

7

Party No. 5

IF number



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Conducting Officer

8

Party No. 6



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134

Attached:

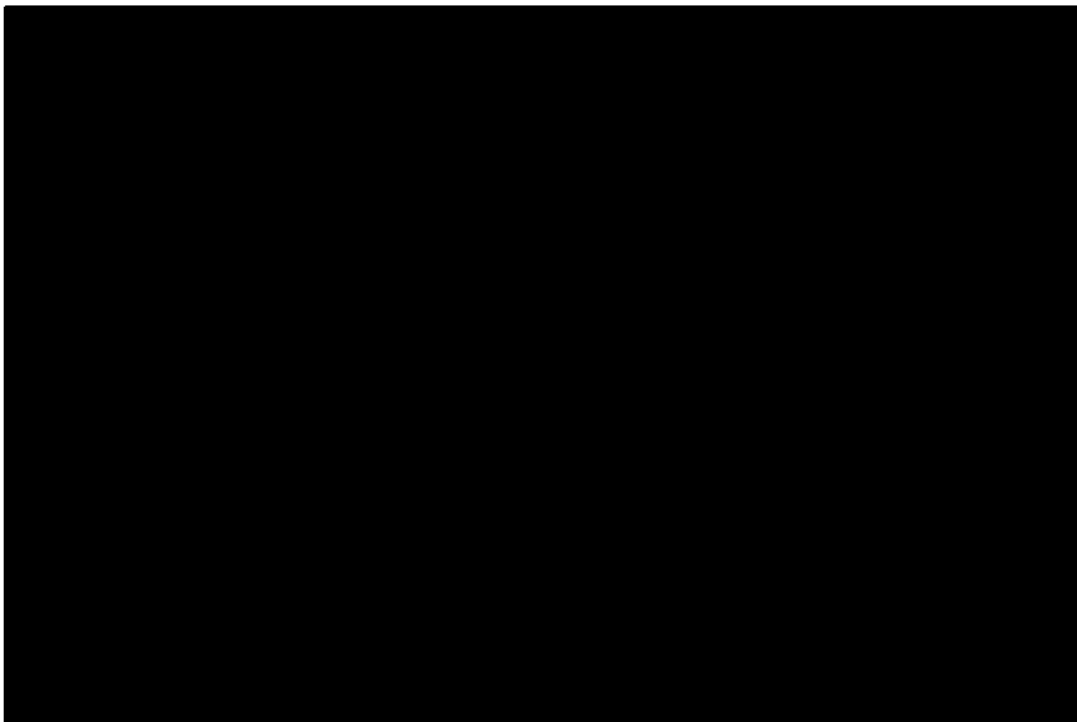


135

Conducting Officer:

9

Party No. 7



IF number

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Attached

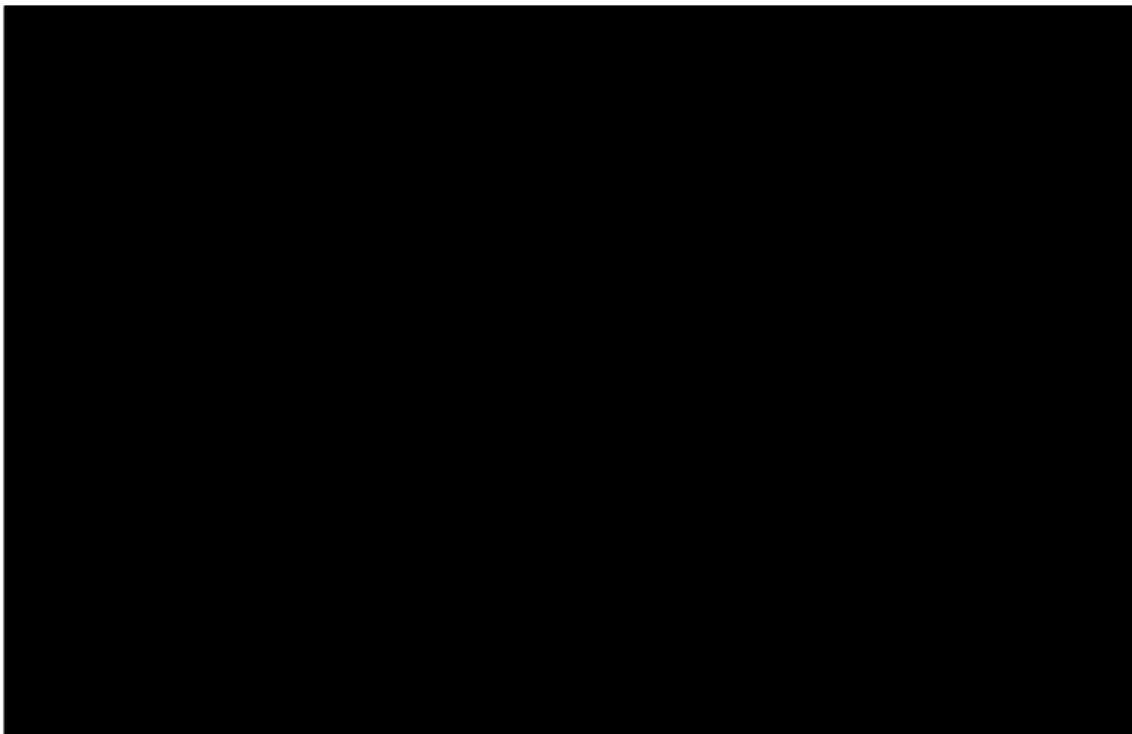


155

Conducting Officer:

10

Party No. 8



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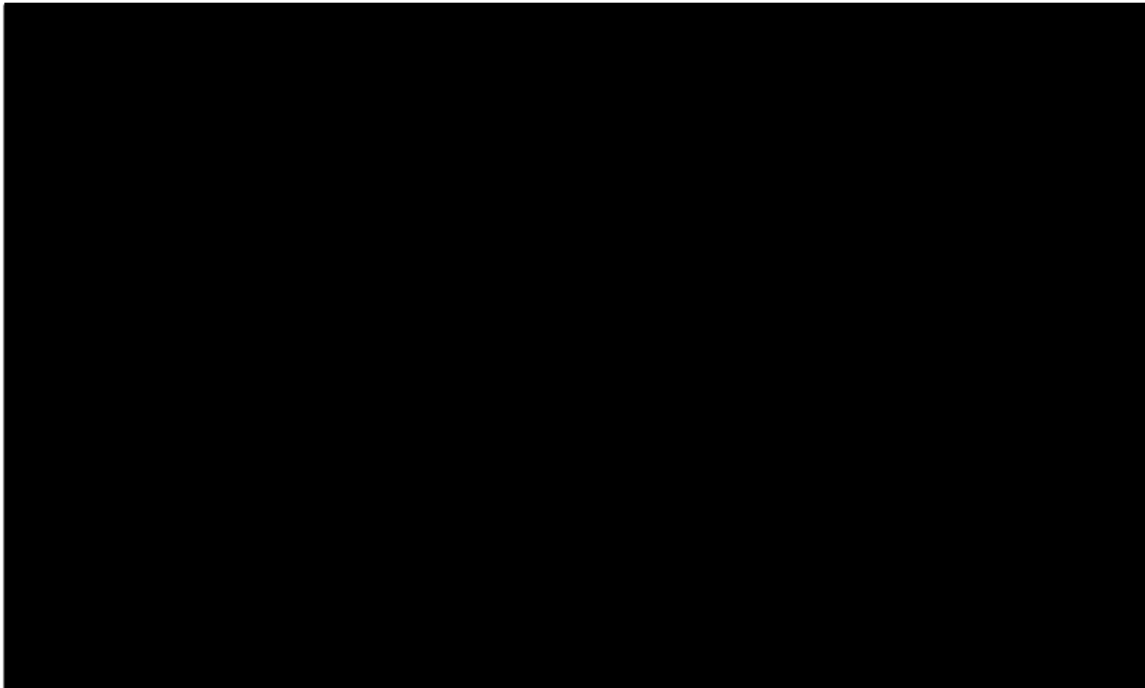
175

Conducting Officer:

11

Party No. 9

IF number



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C

Conducting Officer:

12

B.78/23/7

[REDACTED]

OPERATION BUFFALO - PREFIRING SCHEDULE

ANNEXURE 'B' TO
 BUFFALO TRIALS INDOCTRINE
 FORCE INSTRUCTION NO. 2
 DATED 31 JULY, 1956

IF GROUP

ROUND 1

Schedule	Time	Vehicle	Site	Action and personnel involved	Reporter	Method
	1900 (approx)		Base Control	[REDACTED] confirms provisional D-1 with IF Commander and SIBU security post	[REDACTED]	Phone
	2100 (approx)		Base Control	[REDACTED] gives second confirmation of D-1 with IF Commander and SIBU security post	[REDACTED]	Phone
	0100		Gundulph	IF Commander confirms D-1 with Forward Control before IF Reveille at 0100 hrs.	[REDACTED]	Phone
	0245	V 1-12	Gundulph	IF Commander reports to Forward Control IF preparing to leave Gundulph for Roadside Party No. 1 (IF4, IF16 to 35, and IF 251) in vehicle No. 1 Remainder to follow at 2 minutes interval.	[REDACTED]	Phone
	0310	V 13	Gundulph	IF Commander reports to Forward Control, parties 1 to 12 left Gundulph for Roadside. Party No. 13 (IF1, IF2 and IF3) departing for Roadside.	[REDACTED]	Phone
	0310	R 1	Base Control	[REDACTED] (SP1) departs for Roadside	[REDACTED]	In person
	0355	R 1	Roadside FC1,2	Arrival of [REDACTED]	[REDACTED]	In person
	0410 to 0435		Roadside	Arrival of IF parties 1 to 13. Report to [REDACTED]	[REDACTED]	-
	0440	R1 V1-13	Roadside FC 1.2	[REDACTED] (SP1), and IF parties 1 to 13 (IF1 to IF262) depart for North Base	[REDACTED]	In person
	0500	R1 V1-13	North Base	Arrival of [REDACTED] (SP1), and IF parties 1 to 13 (IF1 to IF262)	[REDACTED]	I/C

[REDACTED]

OPERATION BUFFALO - PREFIRING SCHEDULE

IF GROUP

ROUND 1 (Cont'd)

Schedule	Time	Vehicle	Site	Action and personnel involved	Reporter	Method
	0600	-	North Base	Report that count down receipt and rebroadcast is satisfactory	[REDACTED]	I/C
	0635	-	North Base	[REDACTED] reports on request from Forward Control: IF personnel present.	[REDACTED]	I/C
	0715	R1.V1-13	North Base	[REDACTED] (SP1) and IF parties 1 to 13 (IF1 to IF262) depart to Hendon	[REDACTED]	I/C on phone
	0830	R1.V1-13	Hendon	[REDACTED] (SP1) and IF parties 1 to 13 (IF1 to IF262) depart for Health Control.	[REDACTED]	Phone
	0915	R1.V1-13	Health Control	Arrival of [REDACTED] (SP1) and IF parties 1 to 13 (IF1 to IF262)	[REDACTED]	I/C on phone
	0945	V1-13	Health Control	IF parties 1 to 13 (IF1 to IF262) depart for Gundulph	[REDACTED]	I/C on phone
	1000	R1	Health Control	[REDACTED] departs for Billage, reporting at Forward Control that all IF force have left Test Area.	[REDACTED]	In person
		V1-13	Gundulph	IF Commander reports arrival of IF force.	[REDACTED]	Phone

- Note:
1. At time of firing, [REDACTED] and total IF force (262 men) will be at North Base
 2. A copy of Prefiring Schedule will be taken to Australia by each officer comprising the Indoctrinee force. Further details will be provided by [REDACTED] shortly after arrival. [REDACTED]

[REDACTED]

OPERATION BUFFALO - PREFIRING SCHEDULE

IF GROUP

ROUND 1 (Cont'd)

Numbering of Indoctrinee Force

IF 1	IF Commander	} who travel in Recce Vehicle (No. 13)
IF 2	[REDACTED] Commandant	
IF 3	IF Adjutant	
IF 4	Conducting Officer No. 1	Party in Vehicle No. 1
IF 5	" "	No. 2 " " 2
IF 6	" "	No. 3 " " 3
IF 7	" "	No. 4 " " 4
IF 8	" "	No. 5 " " 5
IF 9	" "	No. 6 " " 6
IF 10	" "	No. 7 " " 7
IF 11	" "	No. 8 " " 8
IF 12	" "	No. 9 " " 9
IF 13	" "	No. 10 " " 10
IF 14	" "	No. 11 " " 11
IF 15	" "	No. 12 " " 12

Party No. 1	Consists of	IF 16 to IF 35	incl plus	IF 4	and IF 251
" No. 2	"	IF 36 to IF 55	incl plus	IF 5	and IF 252
" No. 3	"	IF 56 to IF 75	incl plus	IF 6	and IF 253
" No. 4	"	IF 76 to IF 95	incl plus	IF 7	and IF 254
" No. 5	"	IF 96 to IF 115	incl plus	IF 8	and IF 255
" No. 6	"	IF 116 to IF 135	incl plus	IF 9	and IF 256
" No. 7	"	IF 136 to IF 155	incl plus	IF 10	and IF 257
" No. 8	"	IF 156 to IF 175	incl plus	IF 11	and IF 258
" No. 9	"	IF 176 to IF 195	incl plus	IF 12	and IF 259
" No. 10	"	IF 196 to IF 215	incl plus	IF 13	and IF 260
" No. 11	"	IF 216 to IF 235	incl plus	IF 14	and IF 261
" No. 12	"	IF 236 to IF 250	incl plus	IF 15	and IF 262

(Note: All parties consist of 20 officers plus 1 Conducting Officer, except for No. 12 Party which is 15 officers plus 1 Conducting Officer)

Drivers

IF 251	is driver for vehicle No.	1
IF 252	" " " "	2
IF 253	" " " "	3
IF 254	" " " "	4
IF 255	" " " "	5
IF 256	" " " "	6
IF 257	" " " "	7
IF 258	" " " "	8
IF 259	" " " "	9
IF 260	" " " "	10
IF 261	" " " "	11
IF 262	" " " "	12

NOTES FOR GUIDANCE OF BUFFALO INDOCTRINEES

CONDITIONS AND REQUIREMENTS AT MARALINGA

1. The site for the Atomic Trials you are to attend is not such that the provision of creature comforts is a simple matter. It is only fair to warn you that the Camp area is endowed with neither a comfortable climate nor pleasing aspects.

Our sojourn at the Camp is for an indefinite period. If the elements are kind we may remain only a matter of days. In any event it is unlikely that our stay will exceed four weeks.

Regardless of the time we remain in the area the following information may assist in the most suitable choice of kit.

2. Site and Climate

(a) The Camp is situated in SOUTH AUSTRALIA, on the edge of the Nullabor Plain, eleven miles from WATSON. The nearest township of any size is PORT AUGUSTA (500 miles) with a population of some 7,000. Fresh water and stores are railed from PORT AUGUSTA to WATSON siding on the Trans Australian Railway.

ADELAIDE, the capital of SOUTH AUSTRALIA, is 700 miles by rail from WATSON and approximately 600 miles by air.

(b) The site of the camp is generally flat with areas of low sand hills. Low scrub, salt bush and blue bush cover a great deal of the area with occasional scattered stands of Sheoaks. There is no grass and the surface soil breaks up easily.

(c) Conditions will vary from occasional warm days to cool to cold nights. The wind is normally strong and cold at this time of the year and upwards of an inch of rain may fall a month. The temperature range is approximately as follows :-

	<u>MAXIMUM</u>		<u>MINIMUM</u>	
	<u>Average</u>	<u>Extreme</u>	<u>Average</u>	<u>Extreme</u>
August	68	93	41	30
September	75	102	44	35

(d) Dust is a nuisance when the wind blows. Should it rain, the dust is replaced by red mud which may permanently stain clothing. It would be wise not to bring your best kit.

(e) Flies are quite numerous, even on cold days, and although the area will be sprayed we must expect some inconvenience in this regard.

3. Accommodation

(a) Messing and sleeping will be under canvas.

(b) Folding wire beds, mattresses, blankets, sheets, pillows and slips will be provided.

(c) Sufficient staff will not be available for batmen duties and with few exceptions Indoctrinees must be prepared to fend for themselves.

4. Messing

(a) Two Officers' Messes will be established with a bar in each. The bars,

[REDACTED]

beside providing liquid refreshment, will have confectionary, cigarettes, toilet requisites, etc., for sale.

(b) All transactions will be on a cash basis.

5. Ablution and Laundering Facilities

Other than electric washing machines which should cope with our "smalls", the ablution facilities will be of a rudimentary nature, e.g. Soyer stoves and canvas showers. Unfortunately, we here still have 'nt devised a system better than the standard Army field latrine.

6. Amenities

(a) Daily newspapers, periodicals and books will be available.

(b) It is proposed to show entertainment films thrice weekly.

(c) Chess, darts and such games will be provided.

(d) Cricket gear and mats will be held at the Camp. (This may well afford the opportunity to settle any differences of opinion on the Tests).

(e) Volley ball, badminton and deck tennis equipment will be on hand.

7. Issues

The issues you will receive on arriving at the Camp are as follows :-

(a) Two towels,

(b) Two suits of Australian Army Battle Dress,

(c) Leather jacket,

(d) Five blankets,

(e) Pillow and case,

(f) Two sheets,

(g) Old Pattern (single breasted) greatcoat.

8. Suggested Items of Kit

(a) A pair of boots,

(b) Warm outer and under clothing,

(c) Badges of rank on slides for the Australian Army Battle Dress.

(d) Dust covers for clothing. (These will be available for purchase at the canteen).

(e) A mirror.

BUFFALO TRIALS

INDOCTRINEE FORCE INSTRUCTION NO. 2

31 July, 1956.

1. SECURITY

The present security classifications allocated to the various aspects of the BUFFALO Trials are as follows:-

(a) [REDACTED]

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(b) [REDACTED]

(i) The yield of experimental weapons tested.

(ii) Details of measuring equipment used, except that in normal commercial (supply) Guard *

(iii) Height of weapon towers.

(iv) The number of rounds to be fired.

(c) [REDACTED]

(i) Precise month in which trials are to take place. *

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[REDACTED]

5. [REDACTED]

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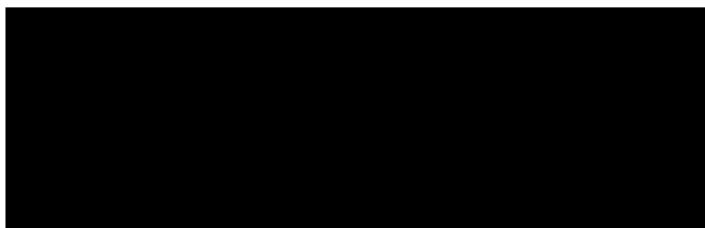
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[REDACTED]

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INDOCTRINEE FORCE INSTRUCTION NO. 2

31 July, 1956.

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- (b) [REDACTED]
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- * Items starred will or may be downgraded later.

2. IDENTITY CARDS

Each officer of the Indoctrinee Force will be in possession of British Army Identity Card - (AFB 2603).

3. CAMERAS

Further to para. 29 of Indoctrinee Force Instruction No. 1.

In view of the many restrictions in the carrying and use of cameras either during flight or at stop-overs Officers are advised not to take a camera with them.

4. STAFF MEETING

A meeting of officers detailed for special duties will be held in [REDACTED] at 1030 hours Thursday 9th August, 1956. The following will attend:-

[REDACTED]

5. [REDACTED]

- (a) The Australian Army is providing a staff of approximately forty other ranks which will include drivers for vehicles to be used by the IF Group.
- (b) A Camp Commandant and Adjutant for [REDACTED] is being provided from the Australian contingent of the IF Group.

6. BREAKDOWN BY PARTIES

- (a) These are detailed in Annexure "A" to this Instruction which contains the breakdown of the British contingent of the IF Group into parties of approximately twenty each.
- (b) Wherever possible parties have been made up from members of one particular Arm or Service.

7. DEPARTURE FROM UK

Annexure "C" to Indoctrinee Force Instruction No. 1 notified the dates certain groups of officers would emplane from the United Kingdom. To further assist officers in planning their personal arrangements the time and place of reporting etc., are shown below:-

(a) BOAC

12th August, 1956	-	BOAC Party "A"
13th August, 1956	-	BOAC Party "B"
16th August, 1956	-	BOAC Party "C"
17th August, 1956	-	BOAC Party "D"
19th August, 1956	-	BOAC Party "E"

Officers Travelling by BOAC will report to [REDACTED] at 1830 hours (summer time) on the applicable dates given above.

(b) RAF (HASTINGS)

Officers Travelling by RAF (HASTINGS) will report to the [REDACTED] at 1600 hours (summer time) on 13th August, 1956.

(c) Air Trooping Service "A" and "B"

(i) Officers Travelling by Air Trooping Service "A" or "B" will report to [REDACTED] at 0615 hours on 15th August, 1956.

(ii) Officers who anticipate difficulty in reporting at such an early hour may obtain overnight accommodation at [REDACTED] if desired. Officers requiring overnight accommodation must submit a request for such accommodation when reporting to No. 1 AATU on 9th August, 1956, vide para. 5(a) of Indoctrinee Force Instruction No. 1.

8. PREFIRING SCHEDULES

A copy of the Prefiring Schedules is attached as Annexure "B" to this instruction for retention. An explanation of these schedules will be provided at [REDACTED]

DRESS

9. Reference para. 10 of Indoctrinee Force Instruction No. 1.

NOTES FOR GUIDANCE OF BUFFALO INDOCTRINEES

CONDITIONS AND REQUIREMENTS AT MARALINGA

1. The site for the Atomic Trials you are to attend is not such that the provision of creature comforts is a simple matter. It is only fair to warn you that the Camp area is endowed with neither a comfortable climate nor pleasing aspects.

Our sojourn at the Camp is for an indefinite period. If the elements are kind we may remain only a matter of days. In any event it is unlikely that our stay will exceed four weeks.

Regardless of the time we remain in the area the following information may assist in the most suitable choice of kit.

2. Site and Climate

(a) The Camp is situated in SOUTH AUSTRALIA, on the edge of the Nullabor Plain, eleven miles from WATSON. The nearest township of any size is PORT AUGUSTA (500 miles) with a population of some 7,000. Fresh water and stores are railed from PORT AUGUSTA to WATSON siding on the Trans Australian Railway.

ADELAIDE, the capital of SOUTH AUSTRALIA, is 700 miles by rail from WATSON and approximately 600 miles by air.

(b) The site of the camp is generally flat with areas of low sand hills. Low scrub, salt bush and blue bush cover a great deal of the area with occasional scattered stands of Sheoaks. There is no grass and the surface soil breaks up easily.

(c) Conditions will vary from occasional warm days to cool to cold nights. The wind is normally strong and cold at this time of the year and upwards of an inch of rain may fall a month. The temperature range is approximately as follows :-

	<u>MAXIMUM</u>		<u>MINIMUM</u>	
	<u>Average</u>	<u>Extreme</u>	<u>Average</u>	<u>Extreme</u>
August	68	93	41	30
September	75	102	44	35

(d) Dust is a nuisance when the wind blows. Should it rain, the dust is replaced by red mud which may permanently stain clothing. It would be wise not to bring your best kit.

(e) Flies are quite numerous, even on cold days, and although the area will be sprayed we must expect some inconvenience in this regard.

3. Accommodation

(a) Messing and sleeping will be under canvas.

(b) Folding wire beds, mattresses, blankets, sheets, pillows and slippers will be provided.

(c) Sufficient staff will not be available for batmen duties and with few exceptions Indoctrinees must be prepared to fend for themselves.

4. Messing

(a) Two Officers' Messes will be established with a bar in each. The bars,

[REDACTED]

beside providing liquid refreshment, will have confectionary, cigarettes, toilet requisites, etc., for sale.

(b) All transactions will be on a cash basis.

5. Ablution and Laundering Facilities

Other than electric washing machines which should cope with our "smalls", the ablution facilities will be of a rudimentary nature, e.g. Soyer stoves and canvas showers. Unfortunately, we here still have not devised a system better than the standard Army field latrine.

6. Amenities

(a) Daily newspapers, periodicals and books will be available.

(b) It is proposed to show entertainment films thrice weekly.

(c) Chess, darts and such games will be provided.

(d) Cricket gear and mats will be held at the Camp. (This may well afford the opportunity to settle any differences of opinion on the Tests).

(e) Volley ball, badminton and deck tennis equipment will be on hand.

7. Issues

The issues you will receive on arriving at the Camp are as follows :-

(a) Two towels,

(b) Two suits of Australian Army Battle Dress,

(c) Leather jacket,

(d) Five blankets,

(e) Pillow and case,

(f) Two sheets,

(g) Old Pattern (single breasted) greatcoat.

8. Suggested Items of Kit

(a) A pair of boots,

(b) Warm outer and under clothing,

(c) Badges of rank on slides for the Australian Army Battle Dress.

(d) Dust covers for clothing. (These will be available for purchase at the canteen).

(e) A mirror.

[REDACTED]

11 Mile Camp,
MARALINGA.

4 Sep 56

BUFFALO TRIALS INDOCTRINEE
INSTRUCTION No 3

GENERAL

1. This instruction covers the activities of the Indoctrinee Force some hours before to some hours after the actual firing of ROUND I and also the operational rehearsal on 7/8 Sep. Orders for D + 1/D + 2, on which tours of the Radioactive area will be made, and the Field Day on 9 Sep, which will be a rehearsal for these tours, will be given in Instruction No 5.

AIM

2. To enable the Indoctrinee Force to witness ROUND I and certain of its effects in safety.

METHOD

3. Cmd

[REDACTED]

4. Composition

The Force comprises 282 all ranks and 19 vehicles.

Its detailed composition and the personal numbers allotted to each individual are given at Appendix 'A'.

5. Parties

The Force is divided into:-

Cmd Party	- Jeep
Staff Party	- Jeep
Thirteen Indoctrinee Parties	- Bus and 12x 3Ten
Adm Party	- 4 x vehicles
Driver's Party	

Each Indoctrinee party will be under Cmd of its DCO who will be assisted by Assistant D. C. O's, or "Comds in Camp" as shown in Appendix 'A'.

After arrival at NORTH BASE where transport is parked and Indoctrinees debuss Adm Party and Driver's Party will move forward to the stand and be under the immediate orders of [REDACTED] until after the firing of ROUND I.

6.

Outline Plan

(a) The Force will muster in parties on the parade ground at 0245 hrs on D Day ready to embuss. [redacted] will form up the parties and check that all personnel and vehicles are present and ready to move.

(b) Staff Party in vehicle 15 will move off at 0245 hrs for ROADSIDE.

(c) Main body will move off at 0300 hrs for ROADSIDE in the following order:

VEHICLES 1 to 13 incl, 16 to 19 inc, 14

(d) V. L. M. 40

(e) M. S. 20 (No halts)

(f) [redacted] ROADSIDE at 0420 the Force will be met by [redacted] who will report the Force present to FORWARD CONTROL.

(g) The Force guided by [redacted] and Staff Party will then move embussed by main road to NORTH BASE and park vehicles in area marked by tape 400 yds SOUTH of The Two Towers. Vehicles will be parked at right angles to OZ. Personnel of the Force will debuss and will assist drivers to roll canopies and lower windows of vehicles. Personnel will form up facing OZ by their vehicles under Command of their DCO's but will NOT move forward to the stand until ordered to do so by [redacted] from the head of the column. The stand is situated just NE of the EASTERN tower and is marked with tape. No movement outside the taped area will be permitted.

(h) After ROUND I the Force will return on foot to its vehicles, embuss and proceed in convoy and air strip to [redacted] where breakfast will be cooked and served. Several hours will be spent at [redacted]. Lunch will also be served there after which the adm party will return to [redacted]

(j) At approx 1400 hrs Subject to Clearance by Health Control the Force (less Adm Party) will embuss at [redacted] and proceed by the main road to WARU where personnel will debuss and under D.C.O's survey the scene. Vehicles will proceed via EAGLE Track to area of KITE and will halt on the NANA/KITE track facing WEST with leading vehicle 200 yds EAST of KITE road junction.

(k) At approx 1500 hrs the Force will proceed on foot via Health Control just NORTH of KITE to the vehicles (near KITE) where they will embuss and proceed to [redacted] arriving at approximately 1730 hrs.

7.

Details of the Plan are shown in the Schedule at Appendix 'B' which supersedes annexure 'B' to Instruction No 2.

8. GUIDES AND TRAFFIC CONTROL

The Staff Party will act as guides wherever the column leaves the road and at halting places. Details applicable to the move at night are as under:

ROADSIDE

Track to present position of Health Control vehicles. This leads off on the WEST side of the road 300 yds SOUTH of ROADSIDE barrier and rejoins at barrier. Vehicles will be halted on this track at the SOUTH junction if leaves the road will be marked.

NORTH BASE

Two tracks lead off the main road to NORTH-BASE. The NORTHERLY only of these two will be used. A guide will meet at the main road/track junction. A further guide will direct the column between the two towers towards the Debussing place described in para 6(g) above.

9. MARKINGS

(a) Personnel

Comd Party, Staff Party and DCOs will wear white armbands.

(b) Vehicles

Leading vehicle and tail vehicle will carry red and green flags respectively.

(c) Track Junctions at Night

These will be marked by illuminated kerosene tins showing "IF" and arrow.

10. SAFETY

(a) On the stand personnel will be ordered verbally to face away from the weapon shortly before firing. They will not face the weapon until ordered to turn.

(b) The "count" will be given to the stand by broadcast from Forward Control. After "5" "4" "3" "2" "1" The explosion will take place.

The verbal order "TURN" will then be given.


Words of command on the stand will be given by [redacted] by broadcast.

(b) At WARU no one will be allowed to move off the track towards ONE TREE. No objects in the WARU area will be handled.

ADMINISTRATION

1. Dress

Uniform and greatcoats.

12. All other administrative details will be under Comd


OPERATIONAL REHEARSAL DAY

13. The rehearsal will be carried out in skeleton.

The following will participate:-

Comd Party


Staff Party

DCO's

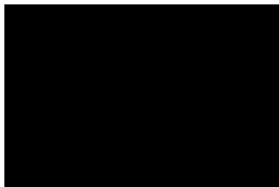
A/DCO's

Comds in Camp

WO Caterer and Three cook/stewards

MT Sgt and all drivers who will take part.

14. The sequence and timings will be as for D - 1 and
D Day up to 0700 8 Sep. The remaining moves will be done
in the minimum time consistent with a vehicle speed of
20



[REDACTED]

Appendix 'A' to BUFFALO
Trials Indoctrinee Force
Instruction No 3.

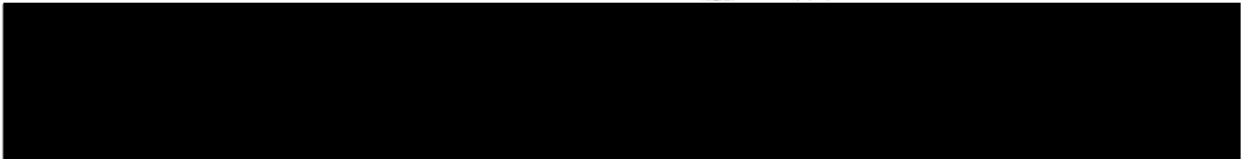
Details of Parties, Vehicles and IF Gp Nos of all individuals concerned are shown on attached lists. These supersede those given in Appx 'A' to Indoctrinee Force Instruction No 2 of 31 Jul 56.

COMD PARTY

Party and Vehicle No 14(Jeep)

STAFF PARTY

Party and Vehicle No 15 (Jeep)



PARTY AND VEHICLE
NO 1(BUS)

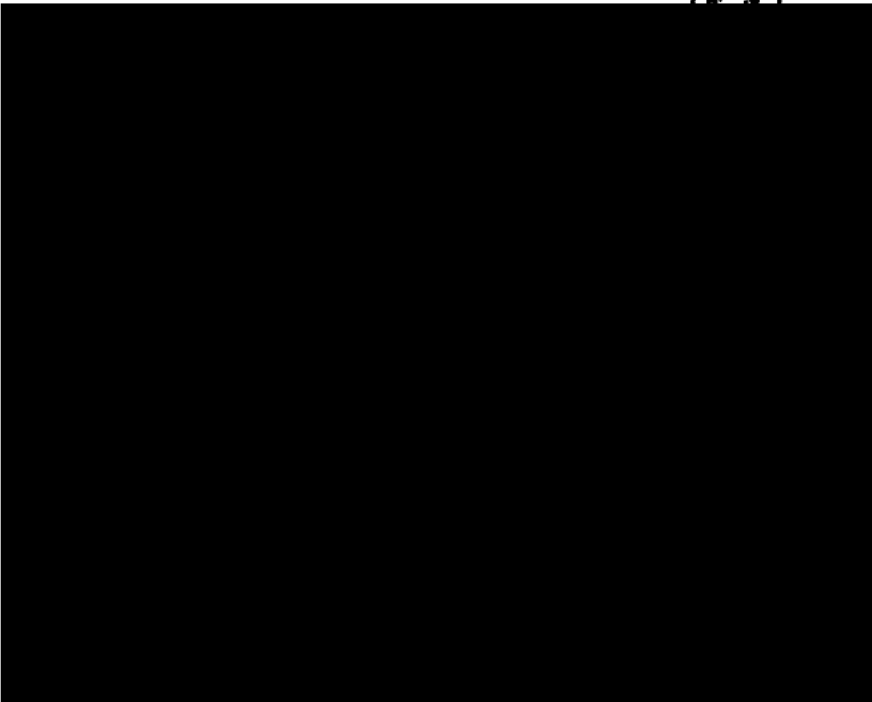


DRIVER

IF NO

- * DENOTES DRAFT CONDUCTING OFFICER
- + DENOTES ASSISTANT DRAFT CONDUCTING OFFICER
- = DENOTES HEALTH OFFICER

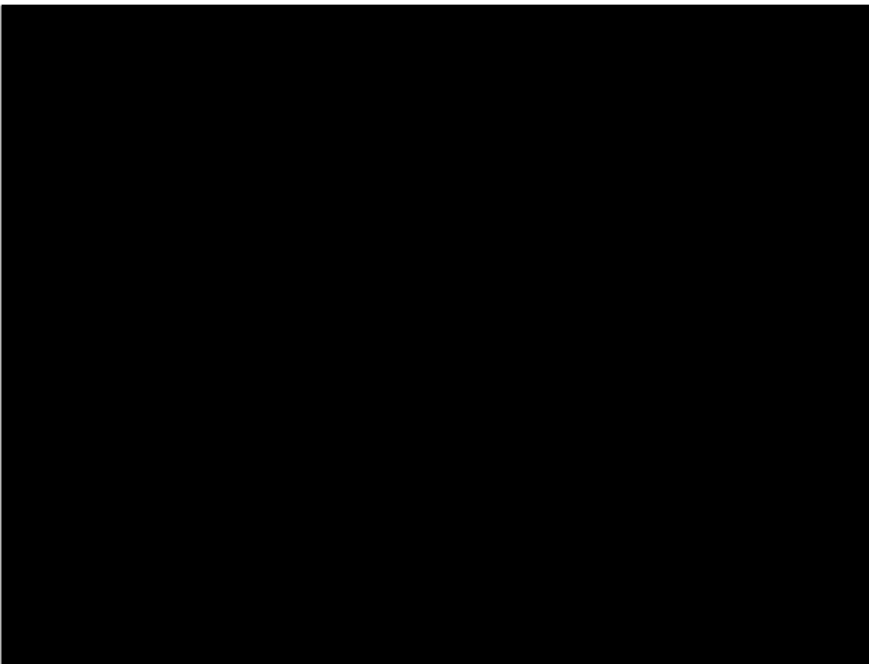
PARTY AND VEHICLE NO 2



DRIVER

IF NO

PARTY AND VEHICLE NO 3



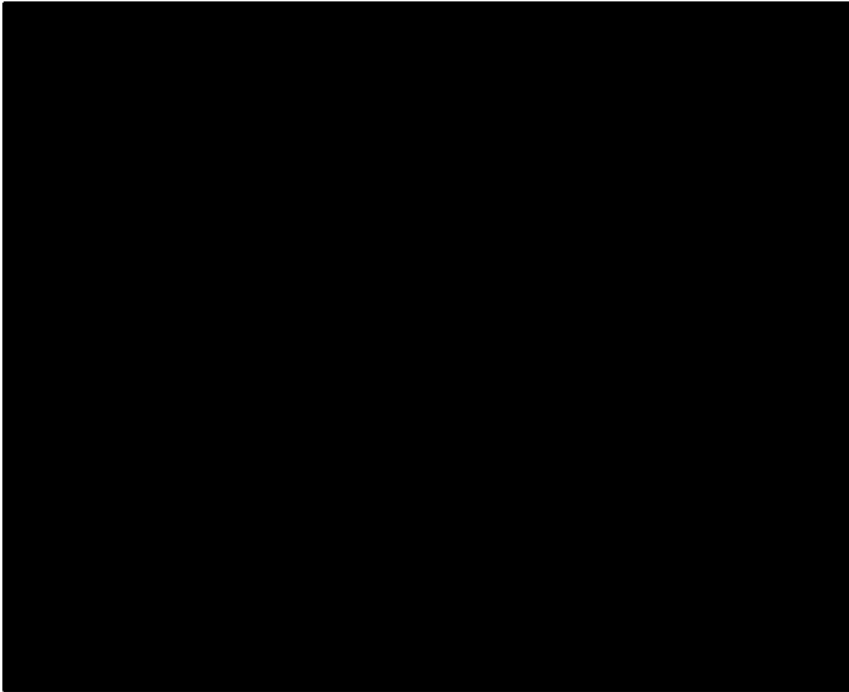
DRIVER

IF NO

- * Denotes Draft Conducting Officer
- + Denotes Comd in Camp
- = Denotes Commonwealth L. O.
- : Denotes Health Officer

PARTY AND VEHICLE NO 4

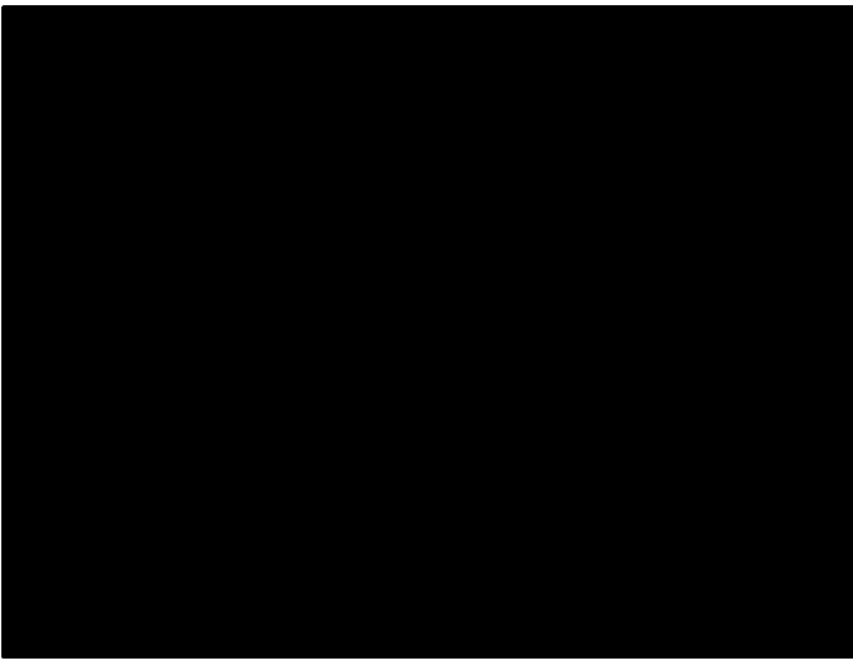
IF NO



DRIVER

IF NO

PARTY AND VEHICLE NO 5



DRIVER

IF NO

- * Denotes Draft Conducting Officer
- + Denotes Comd in Camp
- = Denotes Commonwealth L. O.
- : Denotes Health Officer

PARTY AND VEHICLE NO 6

IF NO

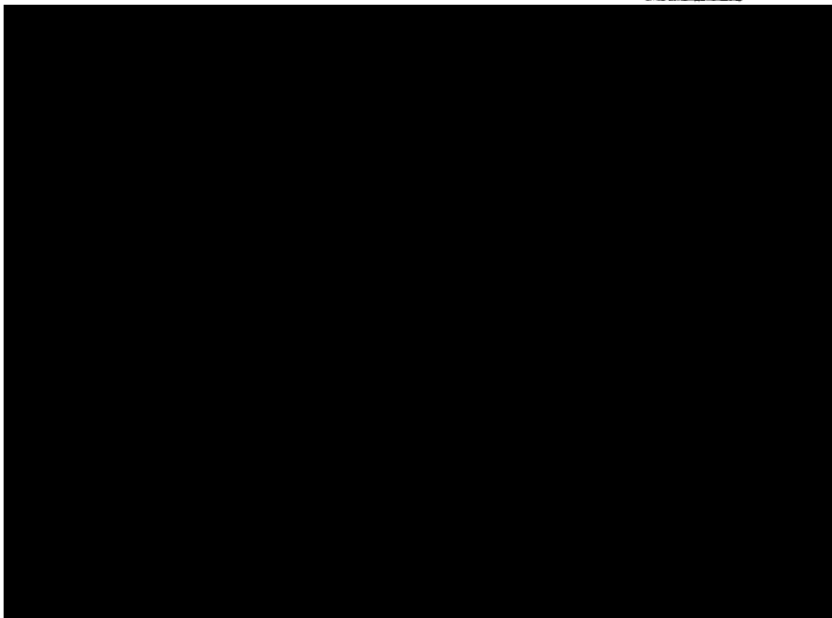


DRIVER

IF NO

PARTY AND VEHICLE NO 7

IF NO



DRIVER

IF NO

- * Denotes Draft Conducting Officer
- + Denotes Comd in Camp
- = Denotes Commonwealth L. O.
- : Denotes Health Officers.

PARTY AND VEHICLE NO 8

IF NO

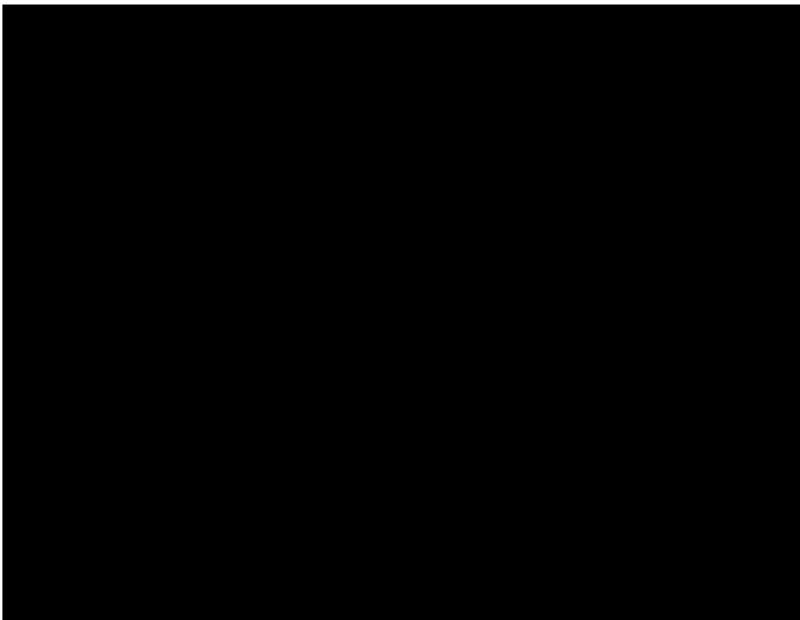


DRIVER

IF NO

PARTY AND VEHICLE NO 9

IF NO



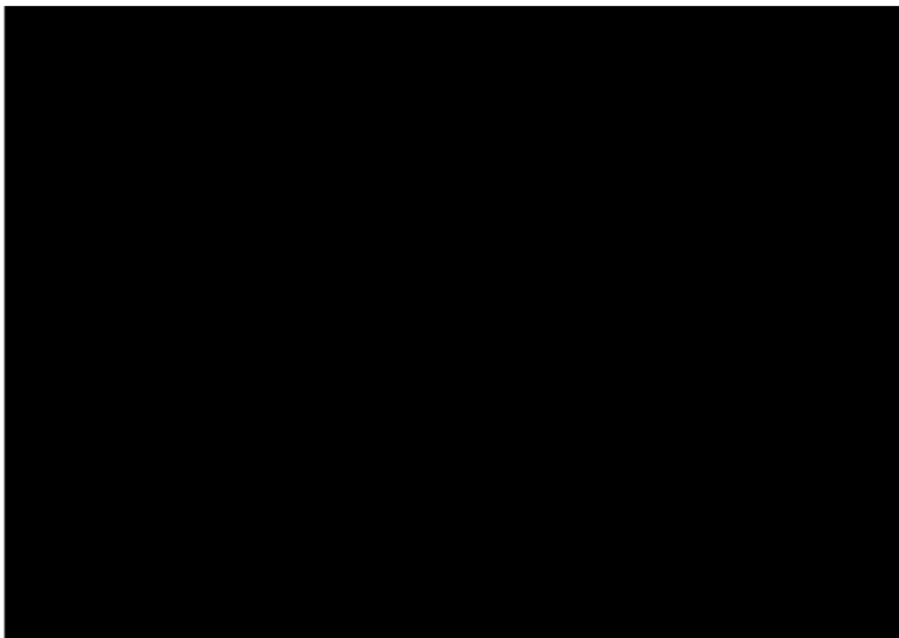
DRIVER

IF NO

- * Denotes Draft Conducting Officer
- + Denotes Comd in Camp
- = Denotes Commonwealth L. O.
- : Denotes Health Officer.

PARTY AND VEHICLE NO 10

IF NO

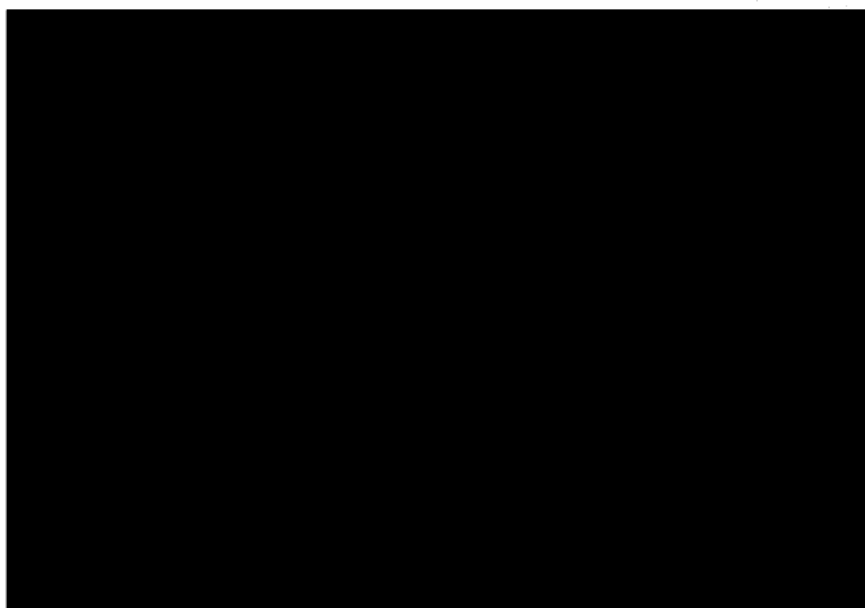


DRIVER

IF NO

PARTY AND VEHICLE NO 11

IF NO



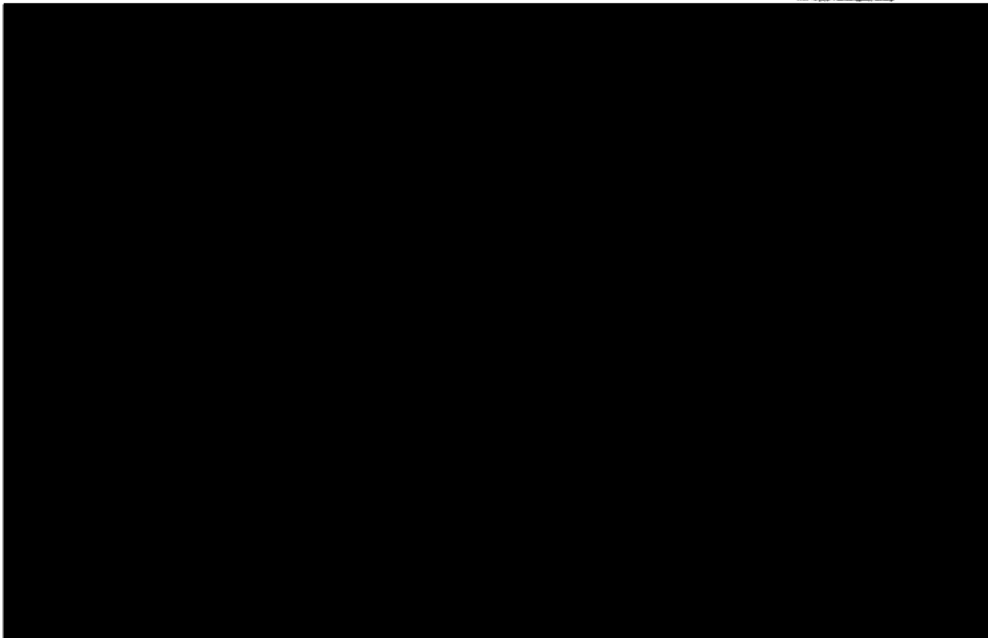
DRIVER

IF NO

- " Denotes Draft Conducting Officer.
- + Denotes Comd in Camp
- = Denotes Commonwealth L. O.
- s Denotes Health Officer.

PARTY AND VEHICLE NO 12

IF NO

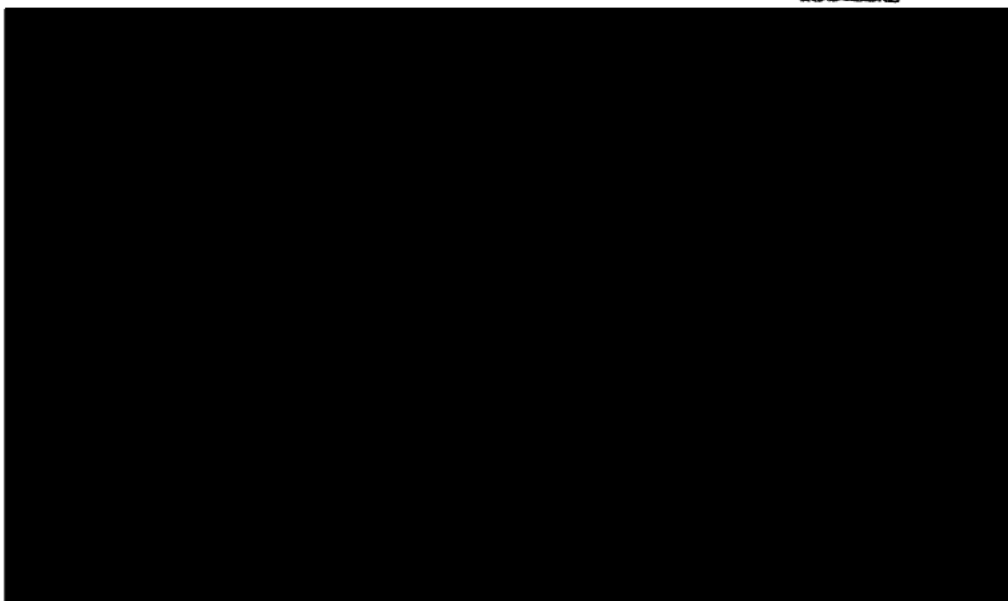


DRIVER

IF NO

PARTY AND VEHICLE NO 13

IF NO



DRIVER

IF NO

- * Denotes Draft Conducting Officer
- + Denotes Comd in Camp
- = Denotes Commonwealth L. O.
- : Denotes Health Officer.

VEHICLE NO 16

Adm Truck

VEHICLE NO 17

Adm Truck

VEHICLE NO 18

Water Truck

VEHICLE NO 19

Spare Truck

ADM PARTY

IF NO



DRIVERS PARTY

IF NO

IF NO



NOTE: Vehicles 14 and 15 will be driven
by Officers.

Appendix 'B' to BUFFALO TRIALS
INDOCTRINEE FORCE INSTRUCTION
No 3

	Time/Day	Vehicle(s)	Site	IF GROUP SCHEDULE FOR BOUND I Action and Personnel involved	Reporter	Method	Remarks
1	-D - 1 1900	-	Base Control	██████████ confirms provisional D - 1 with IF Comd and SIBU post	██████████	Phone	
2	2100 D - 1	-	Base Control	██████████ gives second confirmation of D - 1 with IF Comd and SIBU security post	██████████	Phone	
3	D Day 0050	-	██████████	IF Comd confirms D - 1 with Forward Control before IF Reveille	IF Comd	Phone	
4	0100 6130	-		IF Reveille	-	-	Under Arrangements Camp Comd
5.	0245	-		IF Comd reports to Forward Control IF party preparing to leave 11 Mile Camp for ROADSIDE	IF Comd	Phone	
6.	0245	No 15		(a) Staff Party leaves for ROADSIDE RV (b) IF Comd reports this move to Forward Control	IF Comd	Phone	

Serial	Time/Day	Vehicle(s)	Site	Action and Personnel involved	Reporter	Method	Remarks
7	D Day 0300 to 0305	Nos 1 to 19 incl(Less 15)	[REDACTED]	(a) IF Force (less Staff Party) leaves for ROADSIDE RV. (b) IF Comd reports move to Forward Control	IF Comd	Phone	
8	0310	JU	Base Control	[REDACTED] departs for ROADSIDE RV	[REDACTED]	In Person	
9	0345	No 15	ROADSIDE BARRIER	Staff Party report to [REDACTED]	[REDACTED]	In person	
10	0420 to 0425	No 1 to 19 incl(less No 15)	ROADSIDE RV	IF party arrives ROADSIDE RV and is reported in to [REDACTED] [REDACTED] at ROADSIDE BARRIER	[REDACTED]	In person	Staff Party will check veh in
11	0430	No 15	ROADSIDE BARRIER	Staff party leaves for NORTH Base	-	-	
12	0440	JU and all vehs less No 15	ROADSIDE BARRIER	Force leaves for NORTH BASE	[REDACTED]	In Person	
13	0445	No 15	WARU RV IWARA	Staff Party arrives	[REDACTED]		
14	0500	JU and IF Vehs less No 15	WARU RV IWARA	Force Arrives	[REDACTED]	I/C	
15	0500 to 0520	All	NORTH BASE Parking Place	Force moves from IWARA RV to North Base Parking Place (See para 9) Parks, debusses, prepares vehicles and forms up on foot ready to move	-	9	Staff Party will act as guides

Serial	Time/Day	Vehicle(s)	Site	Action and Personnel involved	Reporter	Method	Remarks
16	0525 to 0530	-	NORTH BASE PARKING PLACE AND STAND	(a) Force moves on foot to stand (see para 9) (b) Force reported present to IF Comd and [REDACTED]	[REDACTED]	Verbally	Staff Party check all vehicles
17.	0600	-	NORTH BASE	Report that count-down procedure and broadcast is satisfactory	[REDACTED]	I/C	
18.	0635	-	NORTH BASE	Report on request of Forward Control IF personnel present	[REDACTED]	I/C	
19.	0700	-	-	ROUND I			
20.	0715/ 0745	-	NORTH BASEs and	Party move to vehicle park, proceed to [REDACTED]	[REDACTED]	I/C on Phone	For Breakfas Rest/recreat and lunch
21.	1400 Approx	All (Less Adm Vehs)	NORTH BASE	Force moves to WARU	[REDACTED]	Phone	Staff Party to move 15 minutes earlier

Serial	Time/Day	Vehicle(s)	Site	Action and Personnel involved	Reporter	Method	Remarks
22	1420 Approx	All	WARU	Force arrives. Debusses when ordered and views the scene	[REDACTED]	I/C on Phone	Vehicles move on to KITE
23.	1500	-	WARU	Force moves on foot under DCS's to Health Control	[REDACTED]	Phone	
24	1530/ 1615	-	HEALTH CONTROL KITE	Force moves on foot to KITE vehicle park (See para 6(h) debusses and moves off as a column at approx 1615	[REDACTED]	Phone	
25.	1745 Approx	All (less JU)	[REDACTED]	Force arrives back in Camp	IF Comd	Phone	

RWC Dagg

31 Male Cases,
MARALINGA.

4 Sep 56

BUFFALO TRENDS INDOCTRINE
INSTRUCTION No 3

GENERAL

1. This instruction covers the activities of the Indoctrinee Force some hours before to some hours after the actual firing of ROUND 1 and also the operational rehearsal on 7/8 Sep. Orders for D + 1/D + 2, on which tours of the Radiative area will be made, and the Field Day on 9 Sep, which will be a rehearsal for these tours, will be given in Instruction No 5.

AIM

2. To enable the Indoctrinee Force to witness ROUND 1 and certain of its effects in safety.

METHOD

Composition

The Force comprises 282 all ranks and 19 vehicles. Its detailed composition and the personal numbers allotted to each individual are given at Appendix 'A'.

Parties

The Force is divided into:-

Comd Party	-- Jeep
Staff Party	-- Jeep
Thirteen Indoctrinee Parties	-- Bus and 12x 3Ton
Adm Party	-- 4 x vehicles
Driver's Party	

Each Indoctrinee party will be under Comd of its DCO who will be assisted by Assistant D.C.O's, or "Comds in Camp" as shown in Appendix 'A'.

After arrival at NORTH BASE where transport is parked and Indoctrinees debuss Adm Party and Driver's Party will move forward to the stand and be under the immediate orders of [redacted] until after the firing of ROUND 1.

Rolling Plan

- (a) The Force will number in parties on the parade ground at 0215 hrs on D Day ready to disembark. [redacted] will form up the parties and check that all personnel and vehicles are present and ready to move.
- (b) Staff Party in vehicles 115 will move off at 0245 hrs for ROADSIDE.
- (c) Main body will move off at 0300 hrs for ROADSIDE in the following order:

VEHICLES 1 to 15 incl, 16 to 19 incl, 14

- (d) V.P.M. 40
- (e) H.M.B. 20 (No Mails)
- (f) On arrival ROADSIDE at 0420 the Force will report to [redacted] who will report the Force present to FORWARD CONTROL.
- (g) The Force guided by [redacted] and Staff Party will then move enbused by main road to WOOD BASE and park vehicles in area marked by [redacted] 200 yds SOUTH of The Two Towers. Vehicles will be parked at right angles to QZ. Personnel of the Force will disembark and will patrol drivers to roll sunblinds and lower windows of vehicles. Personnel will form up facing QZ by their vehicles under cover of their BCU's but will NOT move forward to the area until ordered to do so by [redacted] from the head of the column. The point is situated just NE of the EASTERN tower and is marked with tape. No movement outside the taped area will be permitted.
- (h) After ROUND 1 the Force will return on foot to its vehicles, enbus and proceed in convoy and air strip to [redacted] where breakfast will be cooked and served. Several hours will be spent at [redacted]. Lunch will also be served there after which the GDI party will return to [redacted].

*Details of the
to do [unclear]
area [unclear]
conceal [unclear]
vehicles in [unclear]
yellow vehicle*

- (j) At approx 1400 hrs Subject to Clearance by Health Control the Force (less Admin Party) will enbus at [redacted] and proceed by the main road to WARE where personnel will disembark and under D.C.O.'s survey the scene. Vehicles will proceed via EASTLE track to area of NIIR and will halt on the NAVA/NIIR track facing WEST with leading vehicle 200 yds EAST of NIIR road junction.
- (k) At approx 1500 hrs the Force will proceed on foot via Health Control just NORTH of NIIR to the vehicles (near NIIR) where they will enbus and proceed to [redacted] arriving at approximately 1730 hrs.

Details of the Plan are shown in the Schedule at Appendix 'B' which supersedes annexure 'B1' to Instruction No 2.

9. GUIDES AND TRAFFIC CONTROL

The Staff Party will act as guides wherever the column leaves the road and at halting places. Details applicable to the above are as under:

ROADSIDE

Track to present position of Health Control vehicles. This leads off on the WEST side of the road 300 yds SOUTH of ROADSIDE barrier and rejoins at Junction. Vehicles will be parked on this track at the SOUTH junction. If leaves the road will be marked.

NORTH BASE

Two tracks lead off the main road to NORTH BASE. The NORTHERN only of these two will be used. A guide will meet at the main road/track junction. A further guide will direct the column between the two towers towards the Debussing place described in para 6(g) above.

9. MARKING

(a) Personnel

Cmd Party, Staff Party and DCOs will wear white armbands.

(b) Vehicles

Leading vehicle and tail vehicle will carry red and green flags respectively.

(c) Track Junctions at Night

These will be marked by illuminated kerocero tins showing "IT" and arrow.

10. SAFETY

(a) On the stand personnel will be ordered verbally to face away from the weapon shortly before firing. They will not face the weapon until ordered to turn.

(b) The "count" will be given to the stand by broadcast from Forward Control. After "55", "53", "52", "51" the explosion will take place.

The verbal order "TURN" will then be given.

Words of command on the stand will be given by Mr. DALE SEAGER by broadcast.

(b) At WARU no one will be allowed to move off the track towards ONE TREE. No objects in the WARU area will be handled.

ADMINISTRATION

11. Drone
Uniform and maintenance.

12. All other administrative details will be under Command
11 Base Camp.

OPERATIONAL REHEARSAL DAY

13. The rehearsal will be carried out in absolute

The following will participate:-

- Command Party
- Secret Party
- DCO's
- A/DCO's
- Comds in Camp
- WO Caterer and three cook/stewards
- MP Sgs and all drivers who will take part.

14. The sequence and timings will be as for D - 1 and
D Day up to 0700 G Sep. The remaining moves will be done
in the minimum time consistent with a vehicle speed of
20



Appendix 'A' to BUFFALO
Trials Indoctrinee Force
Instruction No 3.

Details of Parties, Vehicles and IF Gp Nos of all
individuals concerned are shown on attached lists. These
supersede those given in Appx 'A' to Indoctrinee Force
Instruction No 2 of 31 Jul 56.

COMD PARTY

Party and Vehicle No 14(Jeep)

STAFF PARTY

Party and Vehicle No 15 (Jeep)

PARTY AND VEHICLE
NO 1(BUS)

IF NO

IF NO

IF NO

DRIVER

IF NO

- ◊ DENOTES DRAFT CONDUCTING OFFICER
- ✦ DENOTES ASSISTANT DRAFT CONDUCTING OFFICER
- = DENOTES HEALTH OFFICER

PARTY AND VEHICLE NO 2

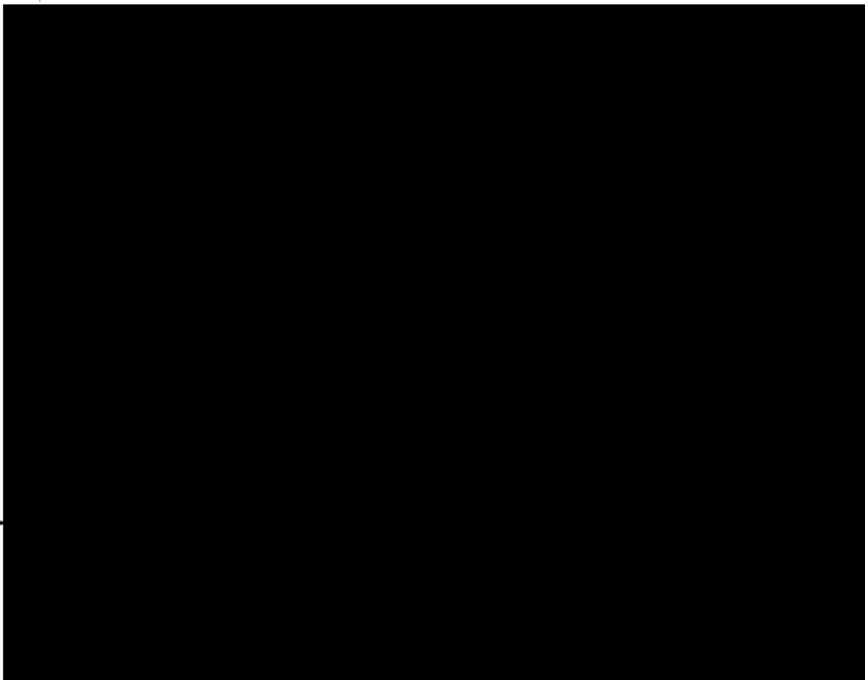
IF NO



DRIVER

IF NO

PARTY AND VEHICLE NO 3



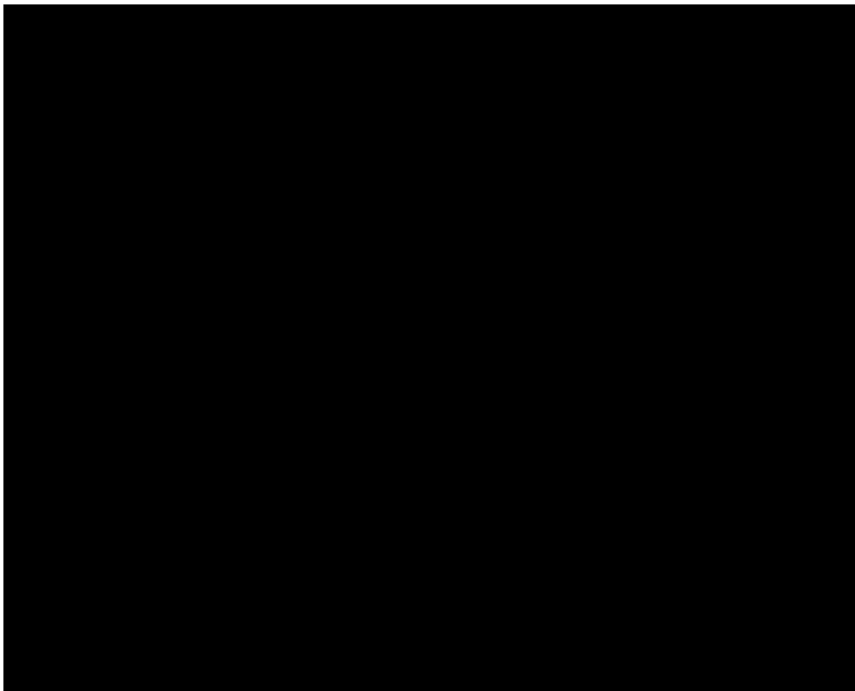
DRIVER

IF NO

- * Denotes Draft Conducting Officer
- + Denotes Comd in Camp
- = Denotes Commonwealth L. O.
- : Denotes Health Officer

PARTY AND VEHICLE NO 4

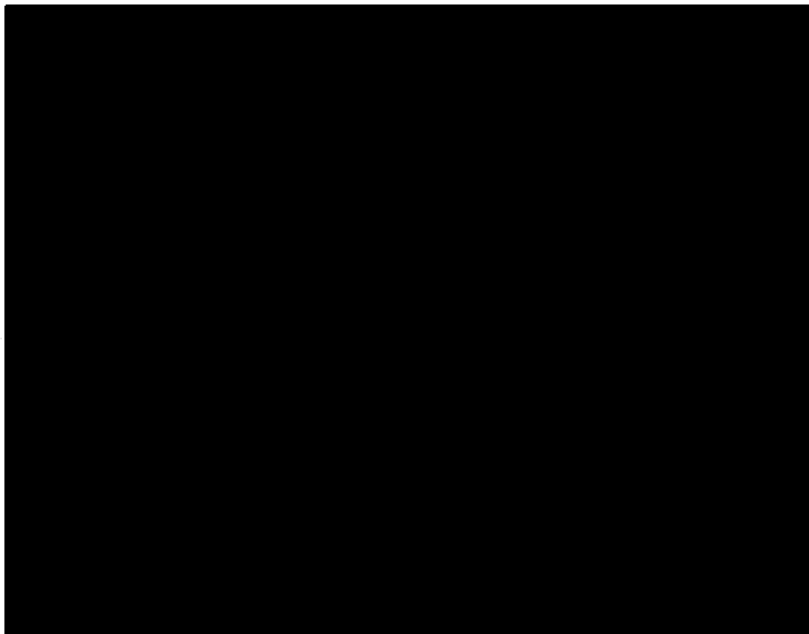
IF NO



DRIVER

IF NO

PARTY AND VEHICLE NO 5



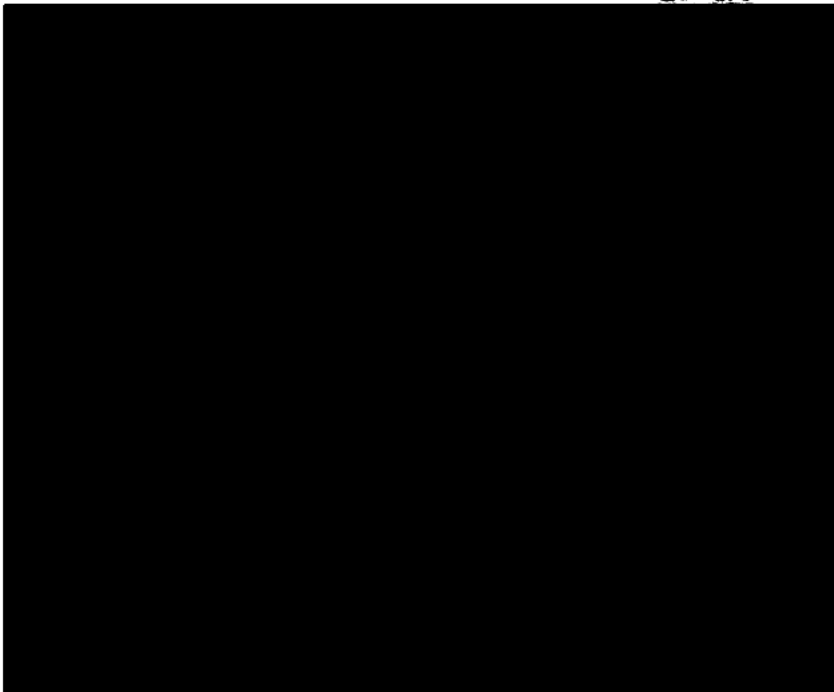
DRIVER

IF NO

- * Denotes Draft Conducting Officer
- + Denotes Comd in Camp
- = Denotes Commonwealth L. O.
- : Denotes Health Officer

PARTY AND VEHICLE NO 6

IF NO

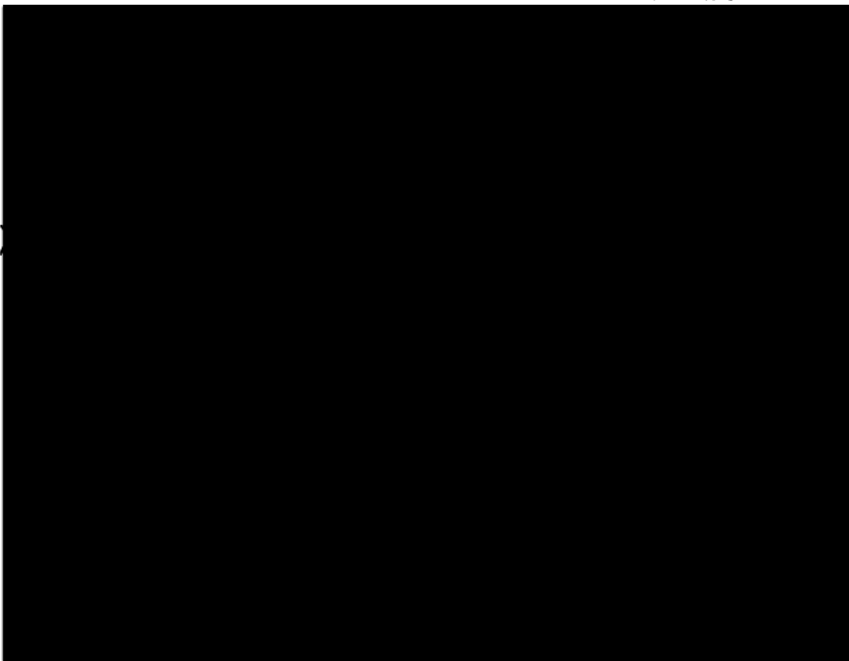


DRIVER

IF NO

PARTY AND VEHICLE NO 7

IF NO



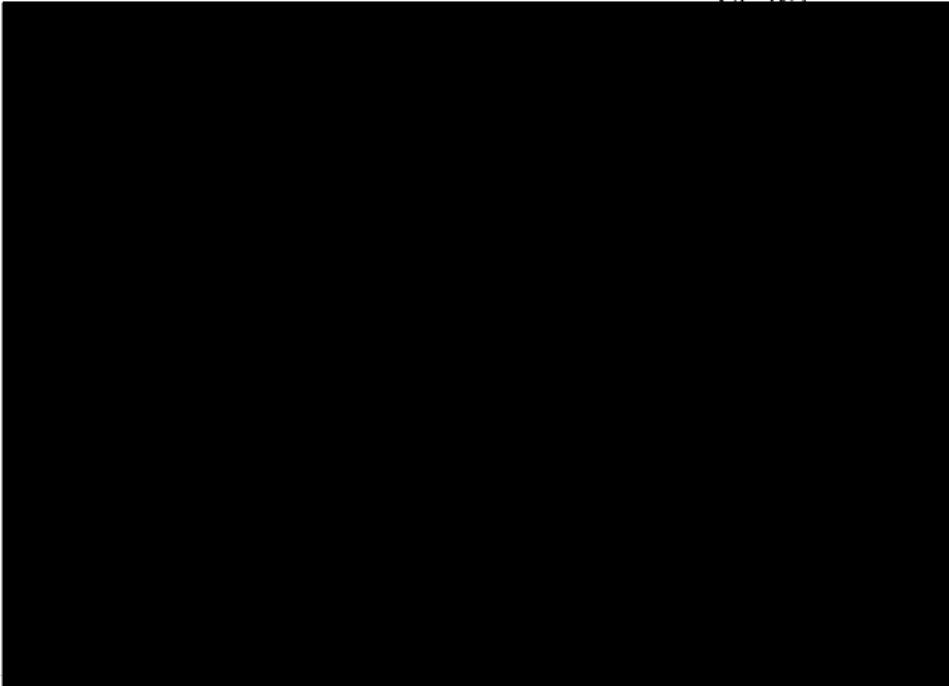
DRIVER

IF NO

- * Denotes Draft Conducting Officer
- + Denotes Comd in Camp
- = Denotes Commonwealth L. O.
- : Denotes Health Officers.

PARTY AND VEHICLE NO 8

IF NO

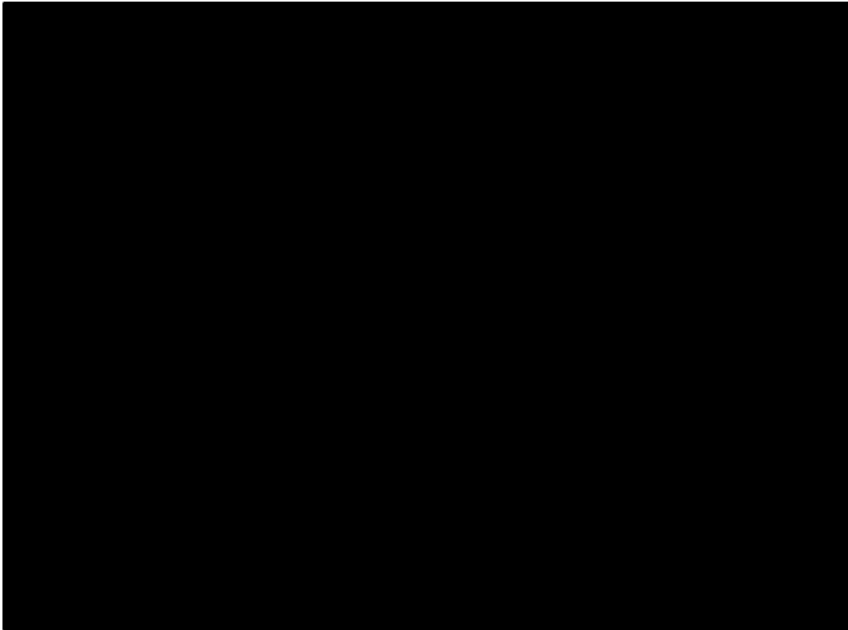


DRIVER

IF NO

PARTY AND VEHICLE NO 9

IF NO



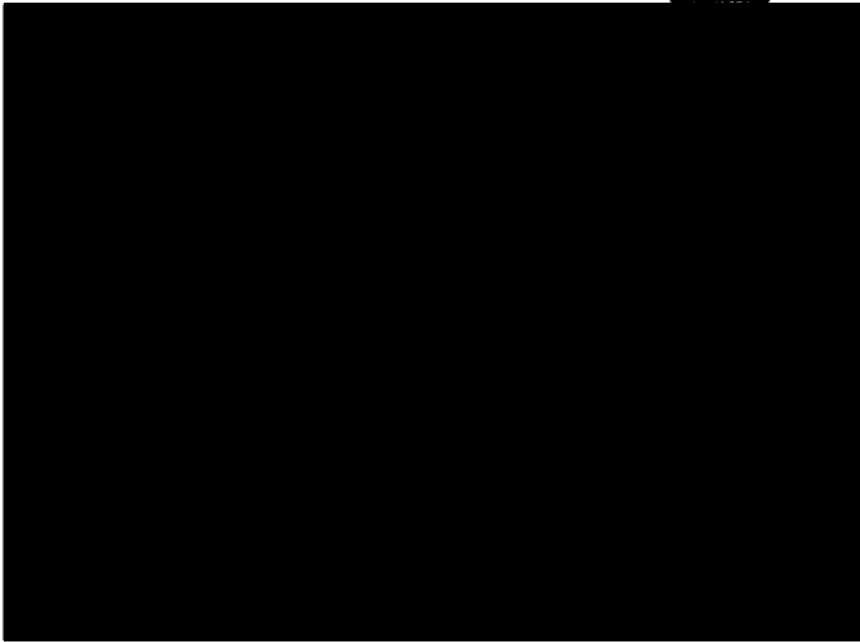
DRIVER

IF NO

- * Denotes Draft Conducting Officer
- + Denotes Comd in Camp
- = Denotes Commonwealth L. O.
- : Denotes Health Officer.

PARTY AND VEHICLE NO 10

IF NO

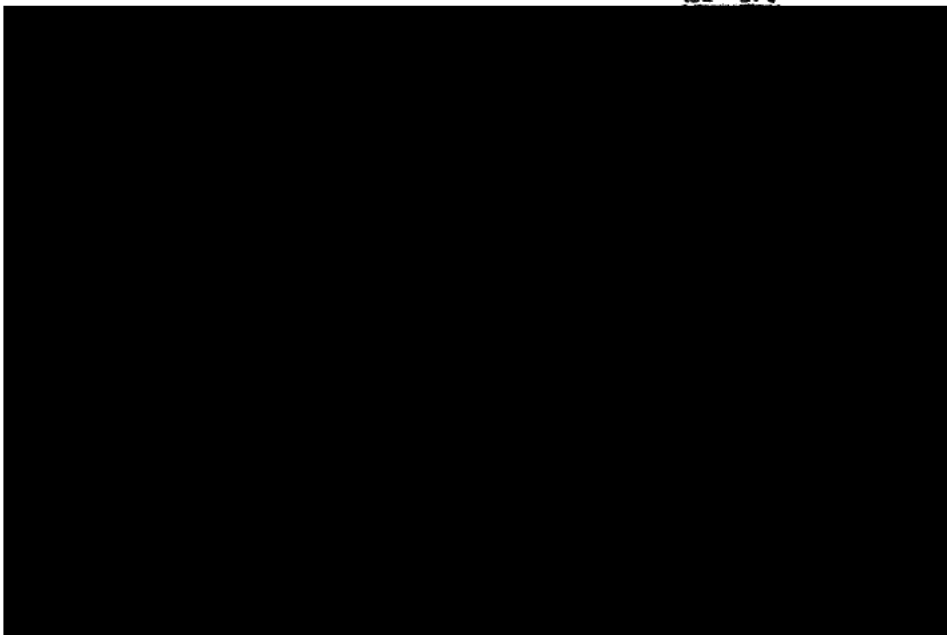


DRIVER

IF NO

PARTY AND VEHICLE NO 11

IF NO



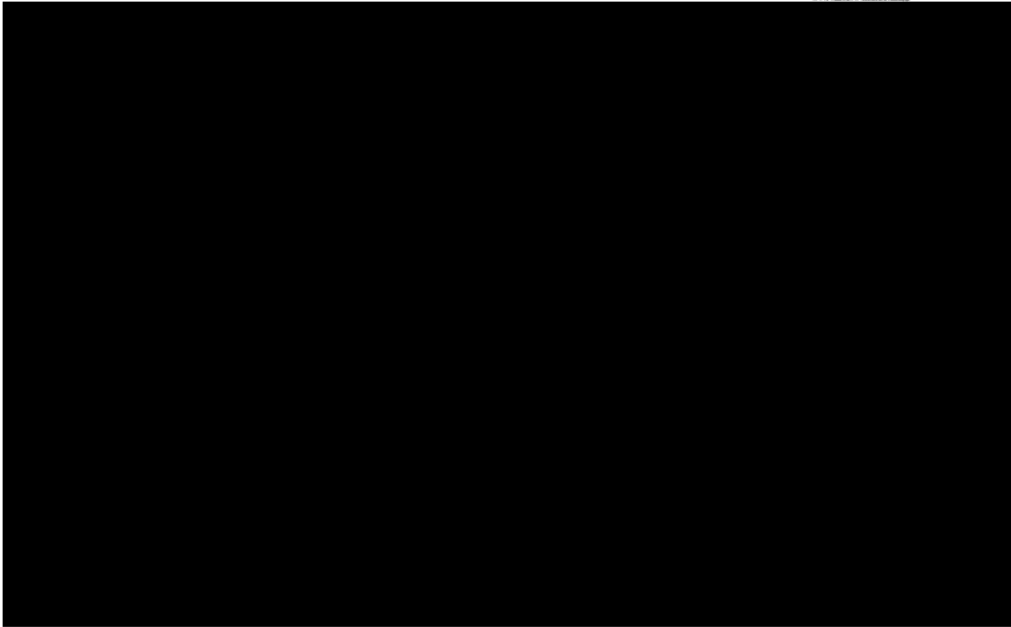
DRIVER

IF NO

- " Denotes Draft Conducting Officer.
- + Denotes Comd in Camp
- = Denotes Commonwealth I. C.
- § Denotes Health Officer.

PARTY AND VEHICLE NO 12

IF NO

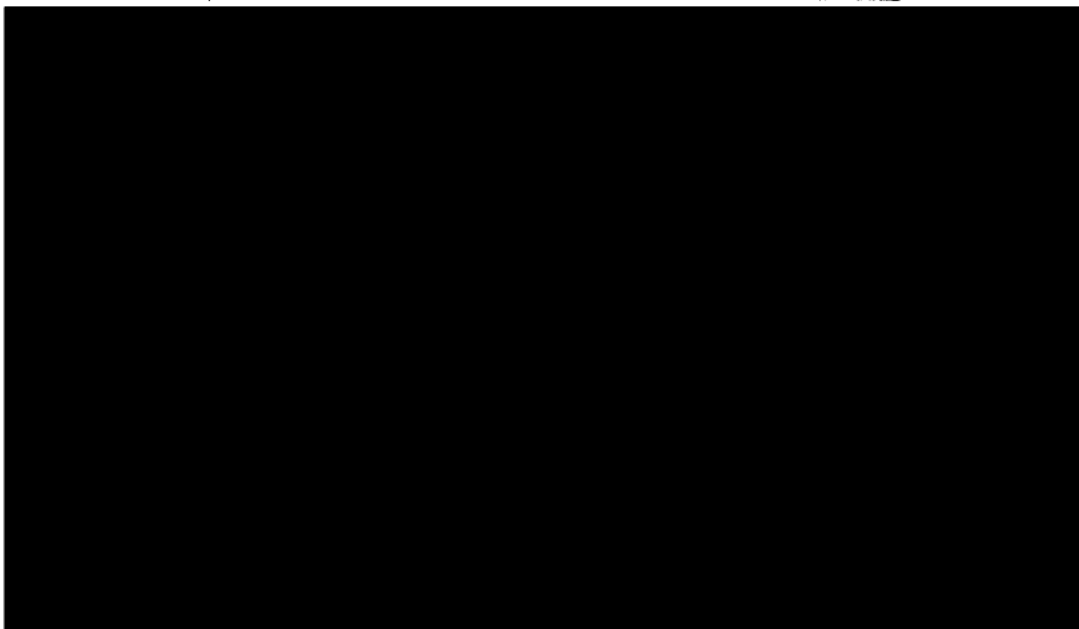


DRIVER

IF NO

PARTY AND VEHICLE NO 13

IF NO



DRIVER

IF NO

- * Denotes Draft Conducting Officer
- + Denotes Comd in Camp
- = Denotes Commonwealth L. O.
- : Denotes Health Officer.

VEHICLE NO 16

Adm Truck

VEHICLE NO 17

Adm Truck

VEHICLE NO 18

Water Truck

VEHICLE NO 19

Spare Truck

ADM PARTY

	<u>IF NO</u>
WO Caterer i/c	258
Cook	259
Cook	260
Cook	261
Steward	262
Canteen Steward	263
Hygiene Man	264

DRIVERS PARTY

	<u>IF NO</u>		<u>IF NO</u>
MT Sgt i/c	265	Dvr No 10 Vehicle	275
Dvr No 1 Veh	266	Dvr No 11 Vehicle	276
Dvr No 2 Veh	267	Dvr No 12 Vehicle	277
Dvr No 3 Veh	268	Dvr No 13 Vehicle	278
Dvr No 4 Veh	269	Dvr No 14 Vehicle	279
Dvr No 5 Veh	270	Dvr No 15 Vehicle	280
Dvr No 6 Veh	271	Dvr No 16 Vehicle	281
Dvr No 7 Veh	272	Dvr No 17 Vehicle	282
Dvr No 8 Veh	273		
Dvr No 9 Veh	274		

NOTE: Vehicles 14 and 15 will be driven by Officers.

Appendix J

831



Appendix 'A' to BUFFALO
Trials Indoctrines Force
Instruction No 3.

Details of Parties, Vehicles and IF Gp Nos of all
individuals concerned are shown on attached lists. These
supersede those given in Appx 'A' to Indoctrines Force
Instruction No 2 of 31 Jul 56.

COMD PARTY

STAFF PARTY

Party and Vehicle No 14(Jeep)

Party and Vehicle No 15 (Jeep)

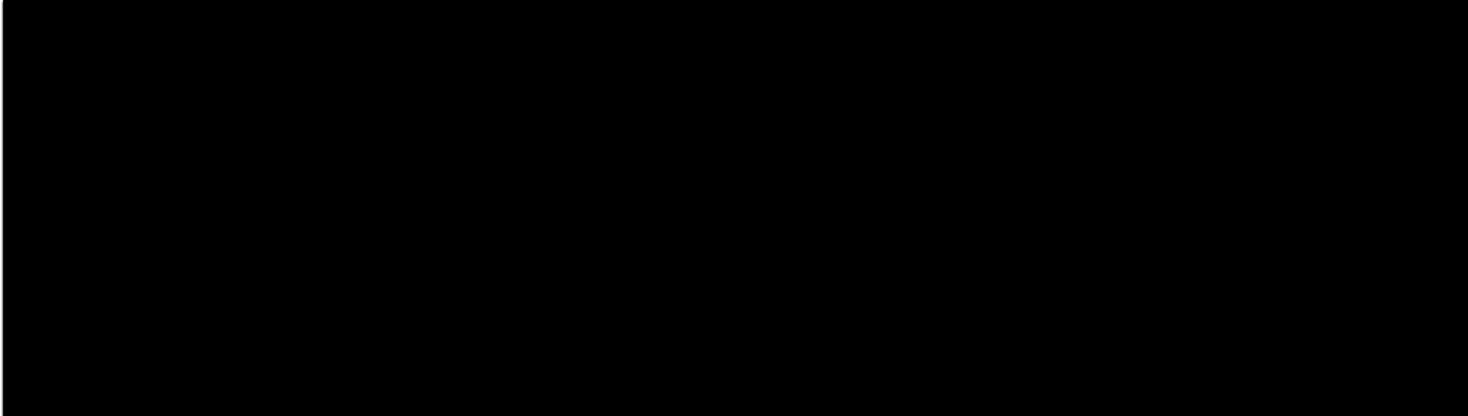


PARTY AND VEHICLE
NO 1 (BUS)

IF NO

IF NO

IF NO



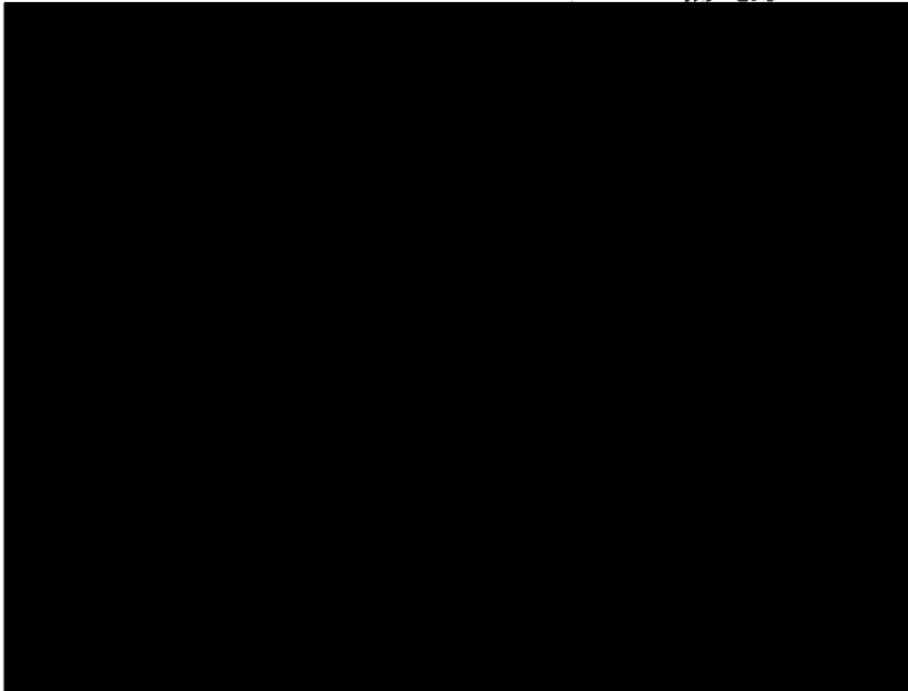
DRIVER

IF NO

- * DENOTES DRAFT CONDUCTING OFFICER
- + DENOTES ASSISTANT DRAFT CONDUCTING OFFICER
- = DENOTES HEALTH OFFICER

PARTY AND VEHICLE NO 2

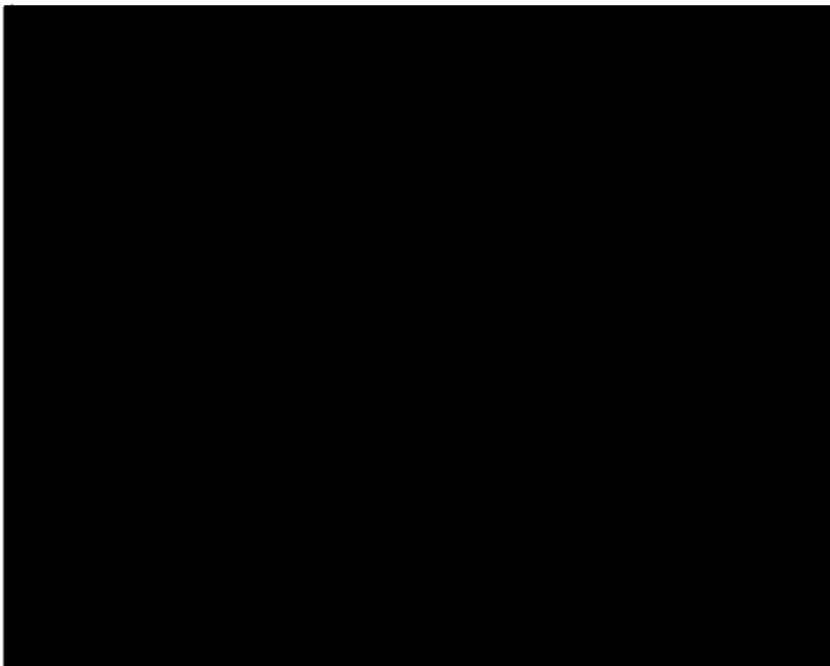
IF NO



DRIVER

IF NO

PARTY AND VEHICLE NO 3



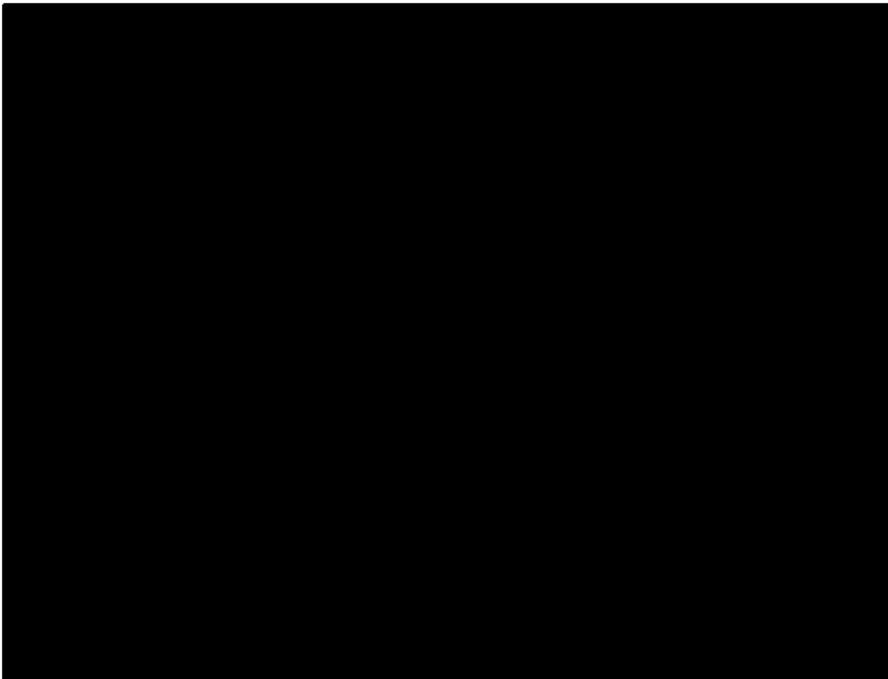
DRIVER

IF NO

- * Denotes Draft Conducting Officer
- + Denotes Comd in Camp
- = Denotes Commonwealth L. O.
- : Denotes Health Officer

PARTY AND VEHICLE NO 4

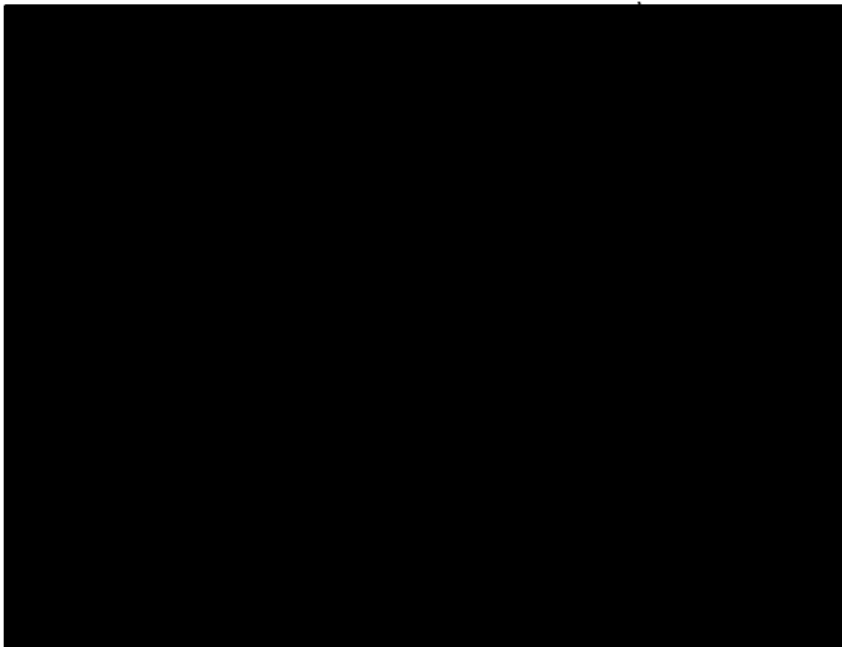
IF NO



DRIVER

IF NO

PARTY AND VEHICLE NO 5



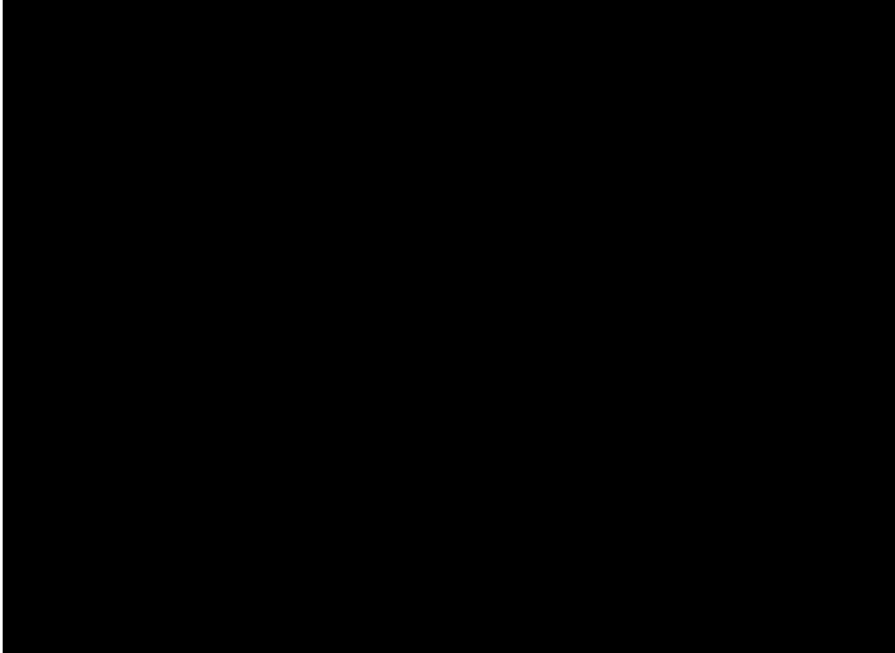
DRIVER

IF NO

- * Denotes Draft Conducting Officer
- + Denotes Comd in Camp
- = Denotes Commonwealth L. O.
- : Denotes Health Officer

PARTY AND VEHICLE NO 6

IF NO

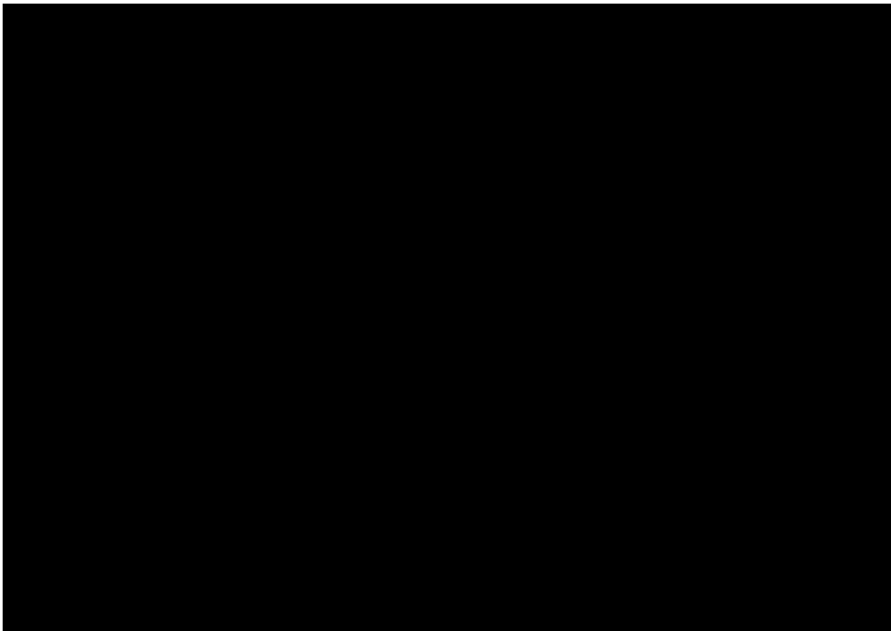


DRIVER

IF NO

PARTY AND VEHICLE NO 7

IF NO



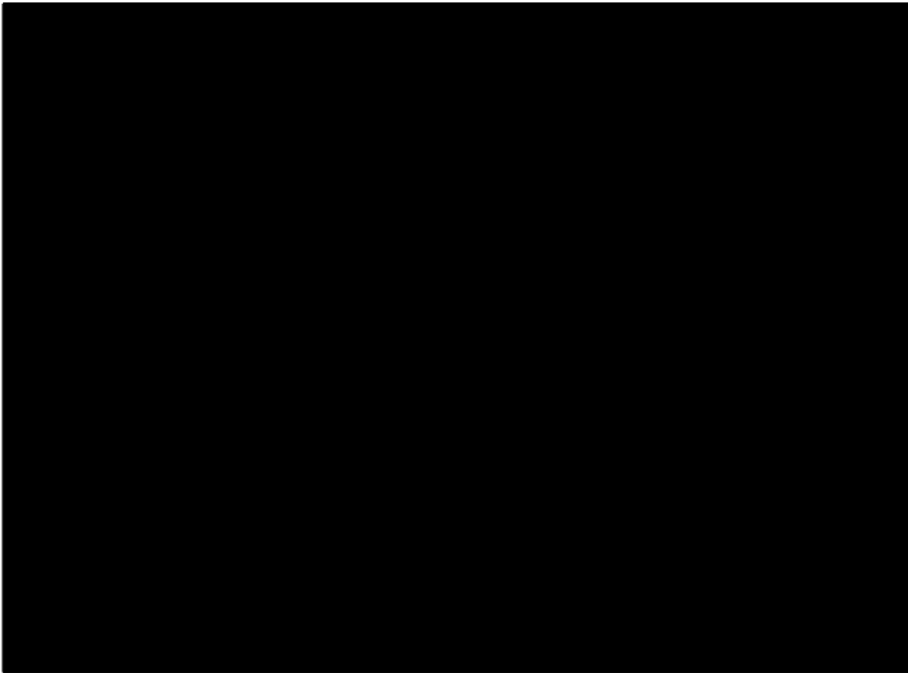
DRIVER

IF NO

- * Denotes Draft Conducting Officer
- + Denotes Comd in Camp
- = Denotes Commonwealth L. O.
- : Denotes Health Officers.

PARTY AND VEHICLE NO 8

IF NO

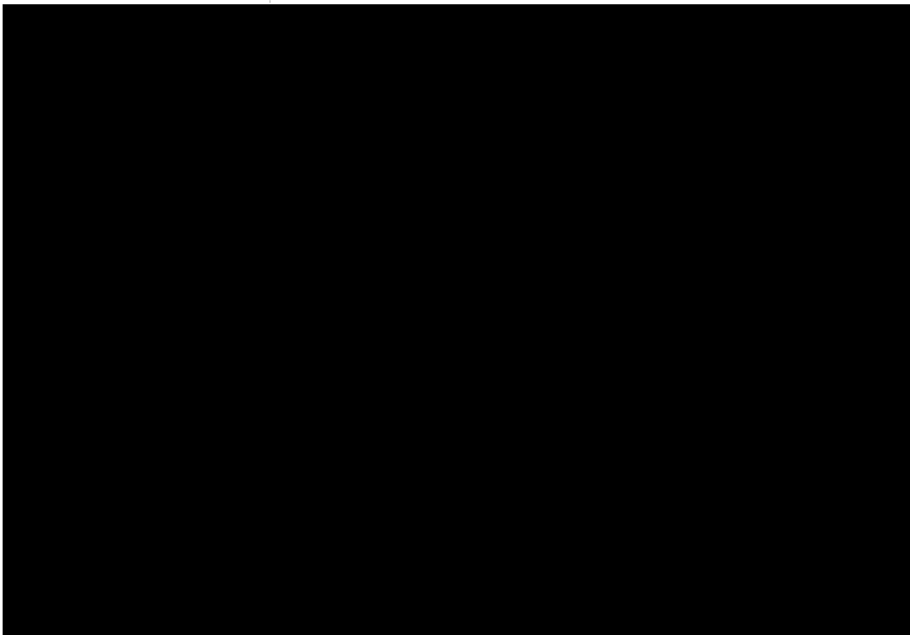


DRIVER

IF NO

PARTY AND VEHICLE NO 9

IF NO



DRIVER

IF NO

- * Denotes Draft Conducting Officer
- + Denotes Comd in Camp
- = Denotes Commonwealth L. O.
- : Denotes Health Officer.

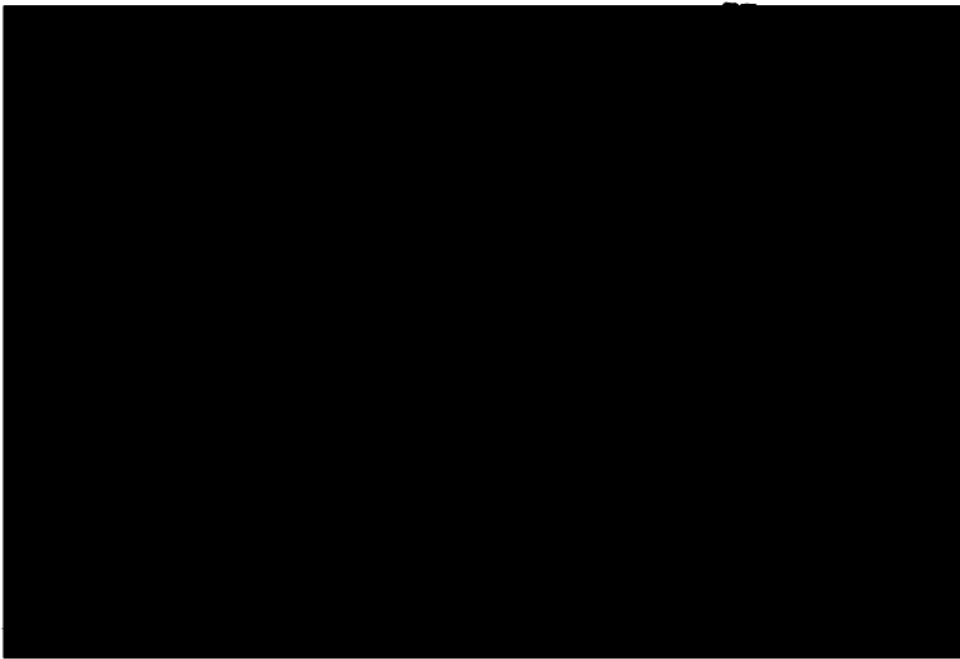
PARTY AND VEHICLE NO 10



DRIVER

IF NO

PARTY AND VEHICLE NO 11



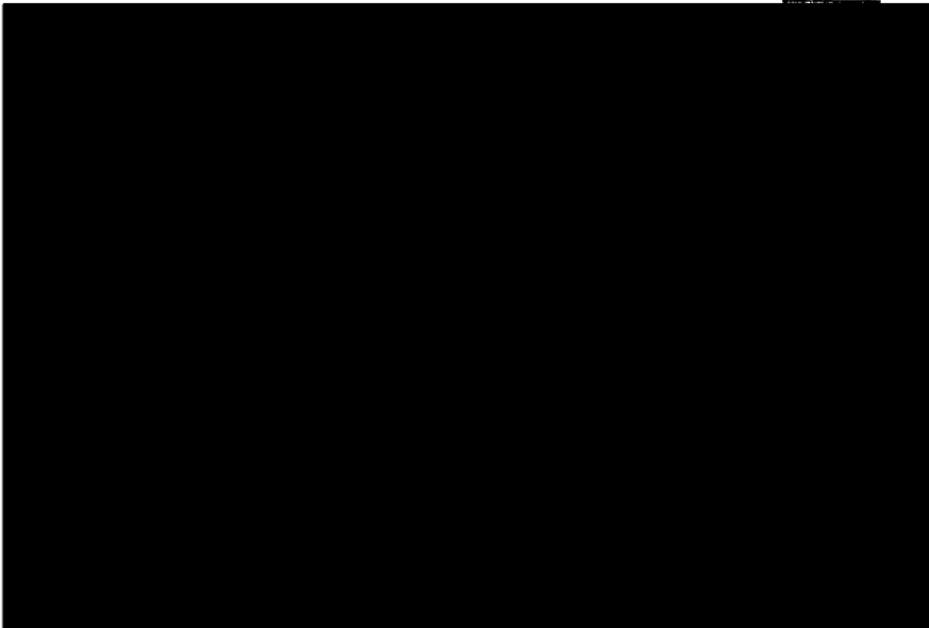
DRIVER

IF NO

- * Denotes Draft Conducting Officer.
- + Denotes Comd in Camp
- = Denotes Commonwealth L. O.
- : Denotes Health Officer.

PARTY AND VEHICLE NO 12

IF NO

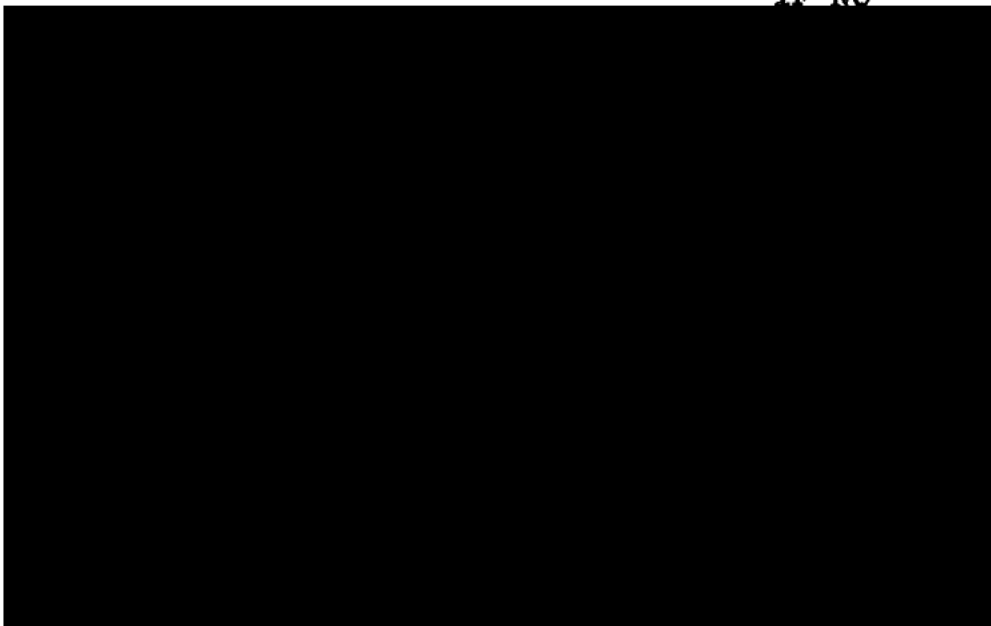


DRIVER

IF NO

PARTY AND VEHICLE NO 13

IF NO



DRIVER

IF NO

- * Denotes Draft Conducting Officer
- + Denotes Comd in Camp
- = Denotes Commonwealth L. O.
- : Denotes Health Officer.

VEHICLE NO 16

Adm Truck

VEHICLE NO 17

Adm Truck

VEHICLE NO 18

Water Truck

VEHICLE NO 19

Spare Truck

ADM PARTY

	<u>IF NO</u>
WO Caterer i/c	258
Cook	259
Cook	260
Cook	261
Steward	262
Canteen Steward	263
Hygiene Man	264

DRIVERS PARTY

	<u>IF NO</u>		<u>IF NO</u>
MT Sgt i/c	265	Dvr No 10 Vehicle	275
Dvr No 1 Veh	266	Dvr No 11 Vehicle	276
Dvr No 2 Veh	267	Dvr No 12 Vehicle	277
Dvr No 3 Veh	268	Dvr No 13 Vehicle	278
Dvr No 4 Veh	269	Dvr No 14 Vehicle	279
Dvr No 5 Veh	270	Dvr No 17 Vehicle	280
Dvr No 6 Veh	271	Dvr No 18 Vehicle	281
Dvr No 7 Veh	272	Dvr No 19 Vehicle	282
Dvr No 8 Veh	273		
Dvr No 9 Veh	274		

NOTE: Vehicles 14 and 15 will be driven by Officers.

[REDACTED]

BUFFALO TRIALS

INDOCTRINEE INSTRUCTION NO 4

GENERAL

1. In order that Indoctrinees may be in a position to lecture on return to their home stations notes on

- (a) Lectures
- (b) Target Response to the Explosion

will be made under the arrangements shown below.

2. The personal effect of the explosion on himself and in the Indoctrinee group as a whole will be noted mentally by the individual for use in any subsequent lectures he may give. Individuals will not make personal notes at the lectures, or of the results of the explosion on Targets, or of the technical arrangements at MARALINGA, for security reasons.

RESPONSIBILITY FOR PRECIS AND NOTES.

3. Lectures

- (a) The programme of lectures is shown at Appendix 'A' together with the names of the Senior Officers responsible for a short precis in note form on each lecture. Each Senior Officer will nominate two assistants and with them will take down notes during the lectures at a table provided in the front of the lecture room.
- (b) Each Senior Officer will be responsible for clearing the precis with the lecturer within 24 hours. The precis will be initialled by the lecturer and handed in to [REDACTED] immediately.
- (c) Each precis in MS will then be handed to [REDACTED] who will arrange production in AUSTRALIA for Australian and New Zealand Officers and UK officers based in AUSTRALIA. Each precis will finally be reproduced in UK by the [REDACTED] and a copy of it will be sent to each United Kingdom officer based outside AUSTRALIA.

4. TARGET RESPONSE

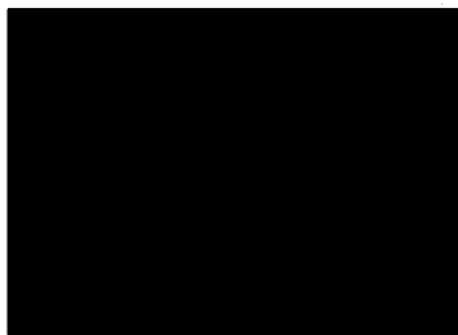
- (a) The officers shown in Appendix 'B' will be responsible for producing a note limited to two pages of foolscap registering their team's reaction to the effect of (a) Heat, (b) Blast (c) General Comments on the particular Target Response items indicated for their team.
- (b) These Officers should therefore pay particular attention beforehand to the layout and condition of the equipment on which they will have to report. In order to assist them in this they will be provided with a sketch of the target response area on which will have been ringed in RED those items applicable to their teams. These sketches will be attached to the report.

- (c) The completed notes must be produced by the team concerned as quickly as possible, preferably by 1800 D + 2 and handed to [REDACTED]. In cases where this is impossible they must be sent by hand of some member of the UK Indoctrinees to [REDACTED] SYDNEY.
- (d) Arrangements will be made for these notes to be cleared by AWRE ALDERMARSTON. They will then be reproduced and issued to UK Officer based outside AUSTRALIA individual. They will be sent to the Department of Defence of Australia and New Zealand for detailed distribution to officers based in those countries.
- (e) Notes will be regarded as and marked [REDACTED] but may be downgraded, subsequently by AWRE.

ISSUE BOOKS

5. A publication graded [REDACTED] on the MARALINGA LAYOUT will be issued shortly to each individual officer on signature. UK officers based outside AUSTRALIA will hand these back to [REDACTED] on a date to be notified later. These books will be sent back in bulk to UK by Secure Means. They will then be re-issued to individuals. Australian Officers, New Zealand officers and UK officers based in AUSTRALIA will retain their copies.

ADDRESSES

6. In order to make possible the arrangement in paras 3(c) and 5 above and to ensure that the dosage of radioactivity of each individual is recorded properly by the medical authority concerned the address and unit of each individual officer will be given to [REDACTED] except in the case of Australian and New Zealand Officers and UK Officers based in AUSTRALIA where the same details will be given for action to the Camp Comd [REDACTED].
- 

[REDACTED]

Appendix 'A' to BUFFALO
TRIALS INDOCTRINE
INSTRUCTION No 4

LECTURE PROGRAMME - SECOND EDITION

This appendix supersedes the original Appendix 'A' of Instruction No 4.

Serial

1.	Wed 5 Sep ([REDACTED] Lecture Tent)	1030 - 1130	[REDACTED] " An Atomic Energy Programme" <u>Precis</u> by [REDACTED] and team
2.		1130 - 1150	Coffee Break
3.		1150 - 1230	[REDACTED]
<hr/>			
4.	Thurs 6 Sep (Cinema MARALINGA Village)	0930 - 1000	[REDACTED] " The Buffalo Trials) <u>Precis</u> [REDACTED]
5.		1000 - 1040	[REDACTED] " Blast Effects" <u>Precis</u> by [REDACTED] and team
6.		1040 - 1100	Coffee Break
7.		1100 - 1140	[REDACTED] " Ionising Radiation Effects" <u>Precis</u> by [REDACTED] and team
8.		1140 - 1230	Brains Trust of Morning Lecturers.
9.		1230 - 1310	Move to [REDACTED]
10.		1310 - 1445	Lunch Break
11.	[REDACTED]	1445 - 1545	[REDACTED] " Heat Effects" <u>Precis</u> [REDACTED]

Serial

12.	Friday 7 Sep (Cinema MARALINGA Village)	0930 - 1000	[REDACTED] " Target Response Test" <u>Precis</u> [REDACTED]
13.		1000 - 1025	[REDACTED] " Blast Effects on Personnel" <u>Precis</u> [REDACTED]
14.		1025 - 1055	[REDACTED] " Heat Flash Effects" <u>Precis</u> [REDACTED]
15.		1055 - 1115	Coffee Break
16.		1115 - 1135	[REDACTED] " Ionising Radiation Effects on Personnel" <u>Precis</u> [REDACTED]
17.		1135 - 1230	Brains Trust of Morning Lecturers
18.		1230 - 1310	Move to [REDACTED]
19.	[REDACTED]	1445 - 1525	[REDACTED] " Instrumentation" <u>Precis</u> [REDACTED]
20.		1525 - 1550	I. [REDACTED] " Structural Research" <u>Precis</u> [REDACTED]
21.		1550 - 1615	Brains Trust of afternoon Lecturers

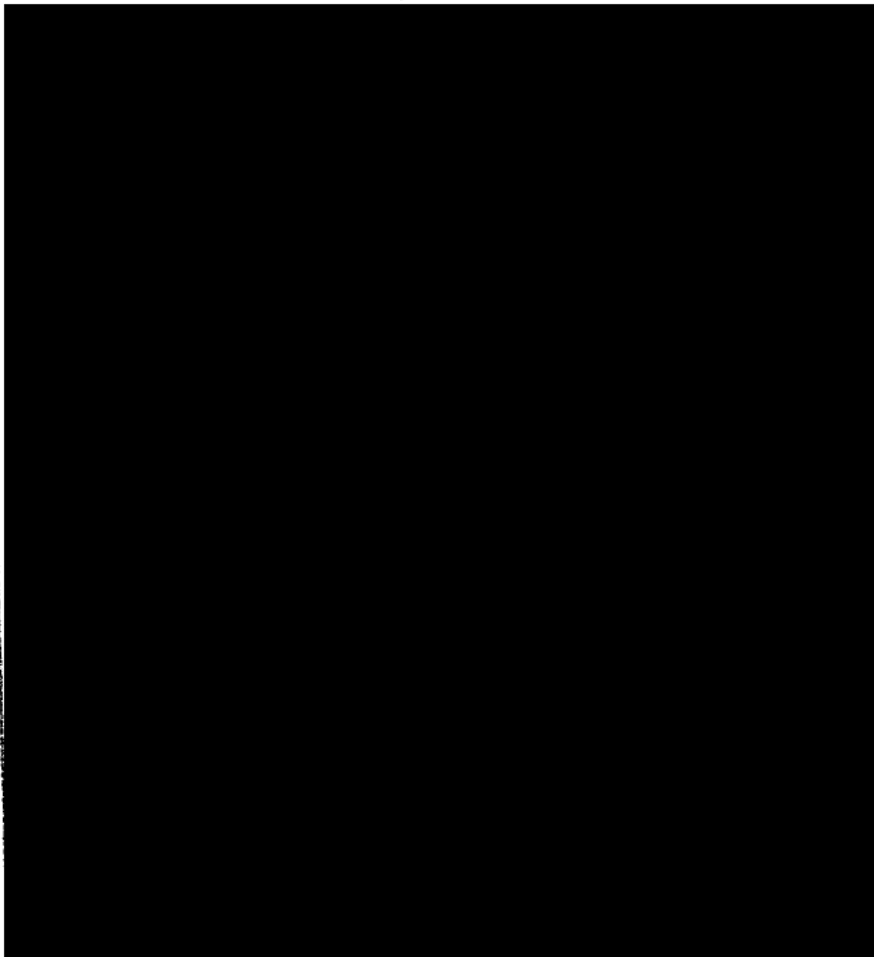
Sat 8 Sep - No lectures - OPERATION REHEARSAL DAY
See separate programme Instruction No 3

Sun 9 Sep Field Day - Tour of Target Response Area
See Instruction No 5

Serial

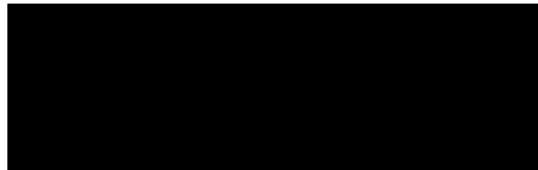
22.	Mon 10 Sep (Cinema MARALINGA Village)	0930 - 1015	[REDACTED] " Fall Out" Precis [REDACTED] and
23.		1015 - 1100	[REDACTED] " Biological Effects of Fall Out" Precis [REDACTED] and
24.		1100 - 1120	Coffee Break
25		1120 - 1200	[REDACTED] " Decontamination" Precis [REDACTED] team
26.		1200 - 1240	Brains Trust of Morning Lecturers
27.		1240 - 1320	Move to [REDACTED]
28.	[REDACTED]	1320 - 1500	Lunch Break
29.		1500 - 1600	[REDACTED] " Health Physics and Health Control" Precis by [REDACTED] and
<hr/>			
30.	Tue 11 Sep (Cinema MARALINGA Village)	0930 - 1015	[REDACTED] " Radiac Instrumentation" Precis [REDACTED]
31		1015 - 1100	[REDACTED] " Radiac User Trials" Precis [REDACTED]
32.		1100 - 1120	Coffee Break
33.		1120 - 1150	[REDACTED] " Work of Canadian Radiation Detection Unit" Precis [REDACTED] and
34.		1150 - 1230	Brains Trust of Morning Lecturers
35.		1230 - 1500	Move to [REDACTED] and lunch break.
36.	[REDACTED]	1500 - 1600	Demonstration of Radiac Instruments.

Appendix 'B' to BUFFALO TRIALS
INDOCTRINE INSTRUCTION No 4

Target Response Group	Item Serial	Item/ Items	D + 1 TEAM	D + 2 TEAM
AT(Aircraft)	1	Swifts		
" "	2	Replica Targets and Materials		
" "	3	Radars		
BT(Biological)	4	Blast Dummies and Glass Boxes		
ET(Electronics)	5	Aerials and Field routes		
" "	6	Wire Sets in Vans and Structures		
OT(Ordnance)	7	Centurions and Scout Cars		

Target Response Group	Item Serial	Item/ Items	D-+ 1 TEAM	D + 2 TEAM
OT(Ordnance)	8	Vehicles		
" "	9	Guns, FN and Mortar		
" "	10	Guns. LAA & GKN		
MT(Materials)	11	Clothes Samples and Heat Dummies		
ST(Structures)	12	Fd Defences and FN Rifle		
" "	13	Steel Frame buildings		
" "	14	Bridging and Concrete Structures		

In addition the following officers will compose a short report outlining own reactions, and what they noticed of those of the group as a whole, to the explosion.



[REDACTED]

BUFFALO TRIALS INDOCTRINEE

INSTRUCTION No. 5

GENERAL

1. This Instruction covers the arrangement for "Field Day" or prefiring tours of examination of Target response items on 9 Sep, and the post firing tours on D + 1 and D + 2.

AIM

2. To enable officers to appreciate the effects of a nuclear explosion on the countryside in general and on personnel and target response items in particular.

METHOD AND ADM FIELD DAY (9 SEP)

3. Parties will be organised as in Annex 'A' to Instruction No 3.

4. Forming up and Movement

Indoctrinees will form up on the parade ground at [REDACTED] in individual parties, embuss, move off and arrive WARU at following times:-

<u>Party No</u>	<u>Form Up</u>	<u>Move Off</u>	<u>Arrive WARU</u>
1	0850	0900	1030
2	0900	0910	1040
3	0910	0920	1050
4	0920	0930	1100
5	0930	0940	1110
6	0940	0950	1120
7	0950	1000	1130
8	1000	1010	1140
9	1010	1020	1150
10	1020	1030	1200
11	1030	1040	1240
12	1040	1050	1250
13	1050	1100	1300

5. Procedure after arrival WARU

(a) Indoctrinees will debuss and tour the targets in the sequence on which DCOs have already been briefed. Vehicles will move off via the EAGLE Track and form up on the NAWA - KITE track 200 yds EAST of and facing KITE road junction.

(b) The tour will last for about 1½ hrs. On conclusion at WARU each party will don its respirator for practice purposes and walk to KITE. At KITE respirators may be removed. Parties will embuss and return to [REDACTED]

6. Dress

Uniform. Respirators required but no protective clothing.

7.

Meals

(a) Lunch

Cold lunch will be served at KITE on completion of the tours for parties 1 to 10 and before the tours in the case of parties 11, 12 and 13.

(b) Other Meals

All other meals in Camp.

8.

Safety of Personnel and Exhibits

(a) Attention is drawn to the dangers of careless footwork in the Explosives Lane, as Live mines have been laid very close to the tape.

(b) Certain concrete slabs are laid on the top of pits. These should not be walked on.

(c) Targets will not be touched.

(d) Care will be taken to avoid damage to cables.

METHOD AND ADMINISTRATION ON D + 1 AND D + 2

9.

Parade

(a) Parties will be organized as in Appendix 'A' to Instruction No 3.

(b) Parties 1 to 6 will tour on D + 1 and Parties 7 to 13 on D + 2.

10.

Forming Up and Movement

(a) Indoctrinees will form up on the parade ground at [REDACTED] and ambuss on timings given at Appendix 'A'.

(b) Appendix 'A' contains certain details of movement and timings.

(c) All movement as far as WARU will be by vehicle. Thereafter moves will be on foot until parking place EAST of KITE is reached (see (d) below).

(d) On arrival at WARU vehicles will move via EAGLE track to a point 200 yds EAST of KITE road junction in the NAWA - KITE track and await passengers.

11.

Tour of Target Areas

Tours will be carried out as already agreed by DCOs. For rules on note taking see para 4 of Instruction No 4.

12.

Safety

(a) Indoctrinees will wear protective clothing, respirators and safety badges from their departure from Health Control until return to Health Control.

(b) All orders issued by Health Control and the Individual Health Officers of groups will be instantly obeyed.

(c) Parties will be informed by Health Control of the maximum period they are permitted to stay in the Target area.

(d) No article which has been exposed in the Target

area will be brought back beyond health control DCOs will require polythene cases for their watches.

13. Dress

- (a) On leaving camp Uniform. Protective dress. respirators and safety badges will be taken.
- (b) On arrival health control see para 12(a) above.
- (c) Comd, Staff party, DCO's will wear red arm bands.
- (d) Health Officer will wear a dark arm band.

14. Meals

(a) Lunch

- (1) Lunch will be served at [REDACTED] as under:-

D + 1

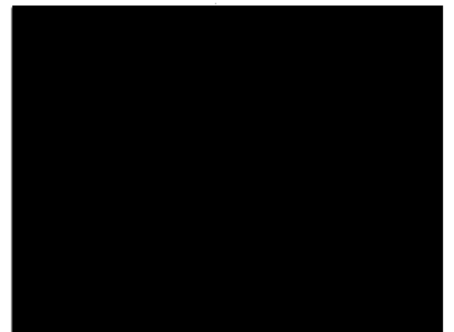
Parties 1 to 4 after tour
Parties 5 and 6 before tour ($\frac{1}{2}$ hour allowance on movement table)

D + 2

Parties 7 to 10 after tour
Parties 11, 12 and 13 before tour ($\frac{1}{2}$ hour allowance on movement table).

15. Note Taking Boards with Polythene Covers

These will be provided for those officers shown in Appendix 'B' to Instruction No 4 on a scale of 1 per team at Health Control. The outside foolscap sheets must however be taken by team leaders.



Appendix 'A' to BUFFALO
 TRIALS INDOCTRINEE
 INSTRUCTION No 5

(a) Serial	(b) Day	(c) Party No	(d) Form Up	(e) Leave Camp	(f) Arrive Health Control	(g) Leave Health Control	(h) Arrive WARU	(i) Depart WARU (Approx)	(k) Arrive Health Control (Approx)	(l) Depart Health Control (Approx)	(m) Depart KITE (Approx)	(n) Arrive 11 Mile Camp (Approx)
1.	D+1	1	0815	0830	1000	1030	1045	1215	1230	1300	1315	1515
2		2	0845	0900	1030	1100	1115	1245	1300	1330	1345	1545
3		3	0915	0930	1100	1130	1145	1315	1330	1400	1415	1615
4		4	0945	1000	1130	1200	1215	1345	1400	1430	1445	1645
5		5	0945	1000	1200	1230	1245	1415	1430	1500	1515	1645
6		6	1015	1030	1230	1300	1315	1445	1500	1530	1545	1715
7	D+2	7	0815	0830	1000	1030	1045	1215	1230	1300	1315	1515
8		8	0845	0900	1030	1100	1115	1245	1300	1330	1345	1545
9		9	0915	0930	1100	1130	1145	1315	1330	1400	1415	1615
10		10	0945	1000	1130	1200	1215	1345	1400	1430	1445	1645
11		11	0945	1000	1200	1230	1245	1415	1430	1500	1515	1645
12		12	1015	1030	1230	1300	1315	1445	1500	1530	1545	1715
13		13	1045	1100	1300	1330	1345	1515	1530	1600	1615	1745

BUFFALO TRIALS INDOCTRINE INSTRUCTION No. 7

SECURITY ROUND 1

PART A

Until now the scope of the information which could be passed on by indoctrines officers has been as laid down in Buffalo Indoctrines Instruction No.2 (not issued to Commonwealth Officers) and Buffalo Administrative Notice No 47. The latter was issued to all officers on arrival at MARALINGA. Since the issue of these instructions the Ministry of Defence has agreed to a more generous release of information which is given as Part B below. The rules applicable to the production and actual handling of recorded information is given in Part C below.

PART B

Introduction

1. United Kingdom and Commonwealth Officers who attended Exercise BUFFALO as Indoctrinees will on return to their formations and units be required to give some account of what they experienced and learned. Guidance as to what may or may not be passed on to Service personnel either in lectures or as part of training instruction are given below.

General

2. Officers will confine themselves to matters of military significance only. They may make notes provided that the subject matter is [REDACTED] or below. Proper precautions will be taken for the safe custody of such notes both in transit (see Part C for method of despatch) and at all other times.

Security Classification

3. Information will be [REDACTED]

Subjects which may not be mentioned

4. No information may be given on :-

- (a) The dimensions of the weapon.
- (b) The method of explosion.
- (c) Any information classified higher than [REDACTED] or any classified information not covered in paras.5 to 12 below, whether officially disclosed to Indoctrinees or obtained casually during the stay at MARALINGA.
- (d) The use of animals in the trials except that live animals were used under conditions which provided for their protection.

Information which may be passed in the course of duty to Service personnel who have a need to know and have been appropriately cleared to receive [REDACTED] information.

5. (a) Yield

The fact that the yield of the weapon exploded was approximately nominal.

(b) Height

The height of the burst will be described as below 500 ft. The tower may be mentioned but will not be described.

(c) Weather

The general weather conditions prevailing at the time of burst.

(d) Effects

The detailed effects in military terms at various ranges on dummy personnel, equipment, vehicles, aircraft and field defences.

(e) Casualties.

Any information in addition to what is already known and published which has been gained whether by observation or in lectures on the casualty producing effect of flash, heat, blast and radiation (all types).

(f) Decontamination.

Details of the protective clothing worn and the decontamination system used for indoctrinees.

(g) Location.

The location, size, characteristics and general lay out of the range.

(h) MARALINGA Village.

Very broad lay out and organisation of the village and of the scientific staff.

Application of these Instructions.

6. During their period at MARALINGA some officers may unwittingly have gained knowledge of a high security grading. Officers must apply the rules laid down in this respect with common sense and be especially careful not to disclose any subject which may be of a high security grading. In case of doubt the subject under consideration will not be disclosed.

Press.

7. No disclosures may be made to the Press either in Australia or elsewhere.

PART C.

Notes and Marked Maps.

1. Officers based in AUSTRALASIA

These officers may take with them notes and marked maps which they have made or acquired either prior to or after the firing of Round 1, provided that their notes and maps only contain or show matter which is of [redacted] or lower grading and cover only the subjects given by paras 5(g) to 5(h) in Part B above.

2. Officers based outside AUSTRALASIA.

The notes and marked maps of these officers, which must conform to the same security consideration as in para.1 above, will be withdrawn (under separate instructions) from officers and sent by secure means to the Command Headquarters in which each officer is serving for redistribution within that Command.

Precis of Lectures.

3. Officers based in AUSTRALASIA

Each officer will be given a copy of each precis before he leaves MARALINGA.

4. Officers based outside AUSTRALASIA

Copies of precis will be sent by secure means to the [redacted] produced there in bulk and despatched to individual officers by secure means.

Official Notes on Effects of Round 1.

5. These will be handed in as laid down in instructions to be issued later, and after being cleared by AWRE at Aldermaston a copy of these notes will be sent to each officer by the [redacted]. For Australian and New Zealand officers these will be sent through the respective Ministries of Defence.

Publication "Summary of Trials Activities".

6. Officers based in AUSTRALASIA

These officers may take the book with them.

7. Officers based outside AUSTRALASIA.

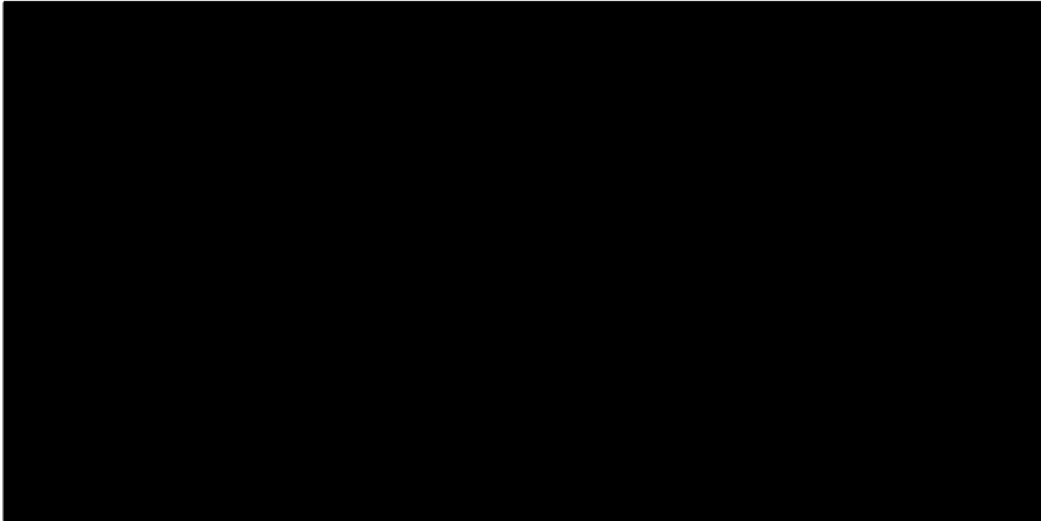
Copies issued to these officers will be withdrawn (under separate instruction) and sent to Command Headquarters in which each officer is serving for redistribution within the Command.

Documents which may be taken by Individuals from AUSTRALASIA

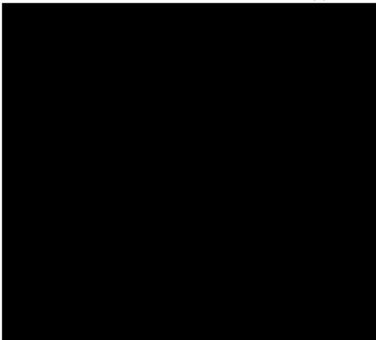
8. The precis issued by the JSCW on lectures given in the two day course in LONDON and SINGAPORE.

9. Unmarked maps of the target response area.

NO OTHER WRITTEN MATTER AFFECTING THE BUFFALO TRIALS MAY BE SO TAKEN.



OPERATIONAL REHEARSAL

1. The rehearsal will be carried out on Tuesday 2nd Oct 56 or timings given for Round 2 operation see Appx 'D'.
2. The following will take part:-

3. Telephone communications must be working at the time of the rehearsal.

ROUND 2 OPERATION

METHOD:

1. Comd [REDACTED]
2. Composition

The Force will be divided into ~~5~~ ^{four} Sections:-

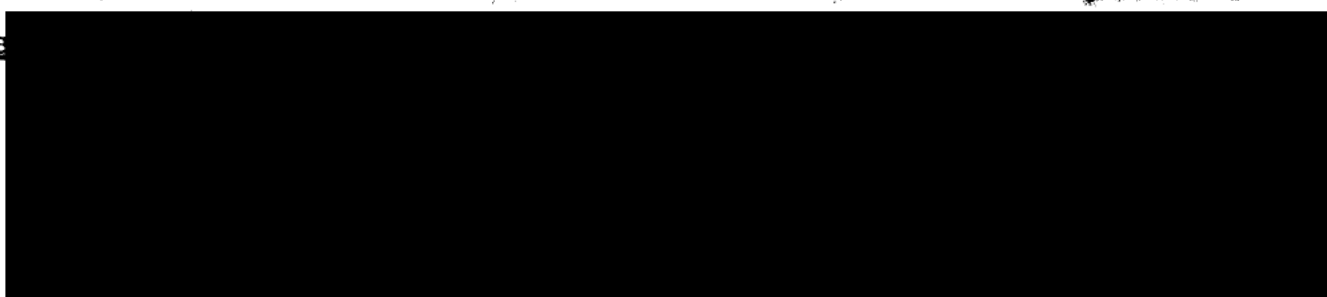
MINA SECTION	-	{ MINA GRANSTAND
Adm Section	-	{ " " "
SHELTER SECTION	-	{ FOUR SHELTERS
TANK SECTION	-	{ CENTURION

3. Allotment of Personnel and Vehicle

(a) SHELTER SECTION [REDACTED]

<u>No 1 Shelter Party</u>	<u>No 2 Shelter Party</u>	<u>No 3 Shelter Party</u>	<u>No 4 Shelter Party</u>
---------------------------	---------------------------	---------------------------	---------------------------

DCOs



Veh: Two 3 x Tonners (Nos 1 and 2)

(b) TANK SECTION [REDACTED]

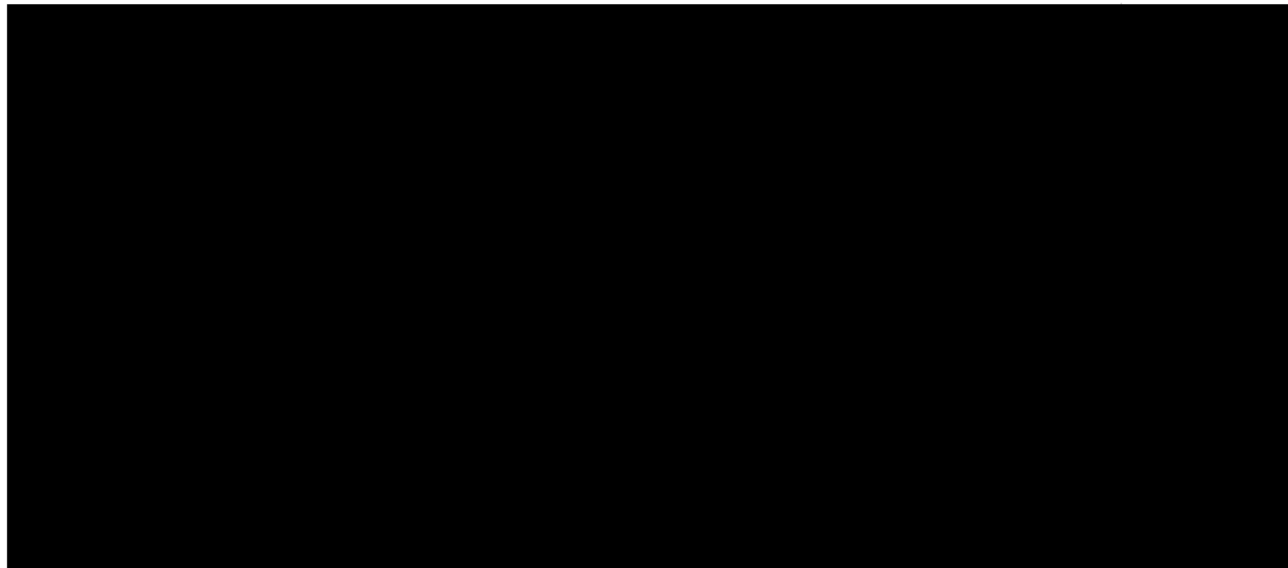
[REDACTED]) Veh: Travel with
[REDACTED]) Shelter Section.

(c) MINA SECTION:

The remainder of Indoctrinees organised as under:-

No 5 Party

Vehicle: Bus. (No 3)



No 6 Party

No 7 Party

Vehicle 3 Ton (No 4)

Vehicle 3 Ton (No 5)

(d) ADM SECTION:

Separate orders will be issued.

Five vehicles (Nos 6,7,8, 9 and 10)

(e) COMD PARTY

As for Round 1 (No 1)

One vehicle

(f) Staff Party

As for Round 1 (No 1)

One vehicle

(g)

One Vehicle (K U)

(h) Total Vehicles 18

4. OUTLINE PLAN

(a) Lunch at 1200 hrs

(b) Vehicles on parade ground at 1345 hrs

(c) Staff Party move off at 1345 hrs

(d) Main body move off at 1400 hrs for ROADSIDE car park and ultimately MINA area

V T M 40

m i h 25

(f) All vehicles of all sections will be concentrated behind MINA grandstand by 1625 hrs. Canopies will be rolled up and windows let down.

(g) Vehicle Markings and traffic contro, as for Round 1.

5. SAFETY

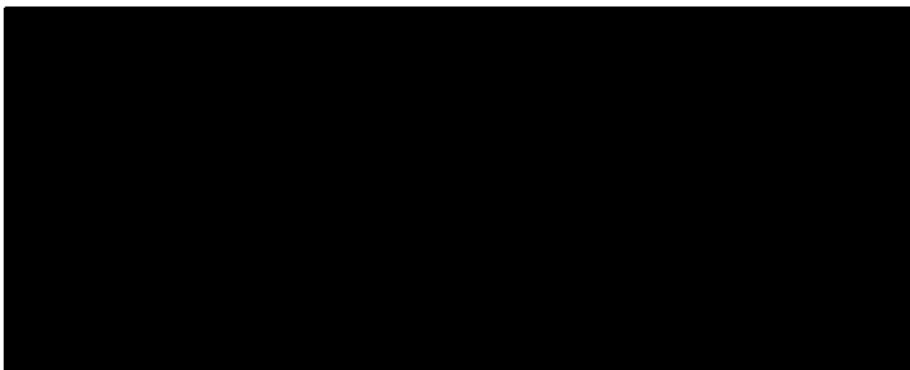
- (a) Orders for Round 1 will apply for MINA and ADM sections.
- (b) All SHELTER and TANK Party personnel will be in the shelters and tank by 1630 hrs, report info [redacted] by phone and stay there until permission is given by [redacted] for them to move out (probably at one minute after firing) Once allowed to move out they will stay not more than 5 minutes in the area and will then walk to MINA where they will be monitored for radiation.
- (c) All SHELTER and TANK Parties will wear protective gloves and overshoes. Initially respirators need not be put on but the moment the shot is heard they will be put on. Civilian respirators will be drawn. One officer for shelter section and one officer for Tank Section will be ~~assigned~~ Health Officers and will carry Dosimeters and Doserate meters. *assigned*
- (d) A public address system for the Count Down will be established at MINA and SHELTERS.
- (e) Both the Shelter and Tank will ^{be} connect field telephones ^{ed by} to MINA grand stand [^]

SCHEDULE FOR ROUND 2

<u>Serial</u>	<u>Time</u>	<u>Vehicle</u>	<u>Site</u>	<u>Action of Personnel Involved</u>	<u>Reporter</u>	<u>Method</u>
1	1230	-		GSO 1 confirms position regarding operation with Base Control		Tele
2	1315	No 2		Staff Party leave		Tele
3	1330	No 1 to 1		Head of convoy leaves and is so reported		Tele
4	1340	No 1 to 1		Convoy clear of [REDACTED] and is so reported		Tele
5	1400	KU	Base Control	[REDACTED]		In person
6	1400	No 1 to 1	TUXEDO	Convoy halts to allow Met Gp and VIPs to pass		-
7	1440	Nos 1 to 1	TUXEDO	Convoy continues journey		-
8	1500	KU	Roadside	[REDACTED] arrives		In person
9	1510	Nos 1 to 1	Roadside	Convoy arrives		
10	1515/ 1520	3 vehicles	Roadside	[REDACTED] party arrive and joins convoy		In person
11	1520	No 2	Roadside	Staff party depart for MINA		In person
12	1525	Nos 1 to 1 and 3 vehs	Roadside	Convoy embus party leaves [REDACTED]		In person
13	1600	"	MINA	Convoy arrives Vehicles parked canopies rolled etc		R/T

<u>Serial</u>	<u>Time</u>	<u>Vehicle</u>	<u>Site</u>	<u>Action of personnel involved</u>	<u>Reporter</u>	<u>Method</u>
14	1600	Nos 1 and 2	MINA	SHELTER and TANK party move to shelter and tank		
15	1615	Nos 1 and 2	SHELTERS and TANK	All parties report in position Vehs 1 and 2 leave for MINA		Tele
16	1620	"	"	report count down received and rebroadcast satisfactory		Tele
16	1620		MINA	reports count down received and rebroadcast satisfactory		RT
17	1730			reports all present at MINA, SHELTERS and TANK		RT
18	1655			Firing sequence commences		
19	1700			Firing		
20	Approx 1701			allows those in SHELTERS and TANK to come out		Tele
21	Approx 1703			All SHELTER and TANK personell start moving to MINA on foot		
22	1730			All IF force assembles at MINA		RT
23	1750	Nos 1 to 12		IF convoy leaves for		RT

had



[REDACTED]

BUFFALO TRIALS INDOCTRINEE INSTRUCTION NO. 9

SECURITY ROUND TWO

General

1. This instruction will be read in conjunction with Indoctrinee Instruction No 7. Information within the security gradings of [REDACTED] will only be released provided that :-

- (a) The information is of purely military significance.
- (b) The audience has the "need to know".
- (c) The audience has been cleared to receive information of the appropriate security grading.

Information not to be released

- 2. (a) The planned yield of the weapon - if known.
- (b) The design and method of firing the weapon - if known.

Information to be released as [REDACTED]

- 3. (a) The fact that IF group Round TWO party was asked to stay behind and view the explosion for the purpose of giving to [REDACTED] their views on the use of the weapon in various tactical situations.
- (b) The conclusions reached by syndicates and the comments by [REDACTED] thereon.
- (c) The actual size of the crater as estimated by observers and such scientific measurements of the effects of the explosion as may be given to the IF group after the explosion.

Information which may be released as [REDACTED]

- 4. (a) The general effects of a 4KT weapon as worked out by the syndicates.
- (b) The factors which must be taken into account when considering the use of a ground burst weapon in a tactical role.
- (c) Exercises based on paragraphs 4(a) and (b) above.
- (d) The general layout of trials ground for the test.

Information which may be released as [REDACTED]

- 5. (a) The fact that a ground burst of a weapon a good deal smaller than a nominal bomb was experienced. The distance of the spectators will be described as between 2 - 3 miles. Observers in shelters will be described as between 2000 - 3000 yards away.
 - (b) The broad observations made AT THE TIME OF THE EXPLOSION.
 - (c) Protective measures necessary against a weapon of this nature.
6. NO INFORMATION ON THE RESULTS OF THIS TEST WILL BE DISCLOSED TO ANY MEMBER OF THE PRESS OR PUBLISHED IN ANY ARTICLE.

Handling of Notes and Documents containing graded material and marked maps.

7. Material of this nature will not be taken outside Australia by individuals. Arrangements for the collection and redistribution of such material to Officers leaving AUSTRALASIA will be given in due course.

TROjan 2000
Extn - 2616

43/Misc/8875 (MT11)

9th November 1956.

Memorandum for:-

The Secretary, Admiralty.
General Headquarters,
Far East Land Forces,
East Africa.
Main General Headquarters,
Middle East Land Forces.
Headquarters,
Eastern, Northern, Scottish, Southern and Western Commands.
British Army of the Rhine.
Gold Coast Military Forces, Accra.
Caribbean Area.
Commonwealth Contingent, Korea.
Northern Ireland District.
Fortress Headquarters,
Gibraltar.
United Kingdom Service Liaison Staff,
Karachi
Melbourne
Pretoria.
Salisbury, Rhodesia.
Commandant,
Joint Services Staff College.
Staff College.
Senior Officers' School.
Royal Armoured Corps, Centre.
School of Artillery.
School of Anti-Aircraft Artillery.
Royal Military College of Science.
School of Military Engineering
School of Infantry
Royal Military Academy
Joint School of Chemical Warfare
School of Signals
Field Training Centre and HQ AEC, Royal Army Medical Corps
Royal Electrical and Mechanical Engineers' Training Centre.

Buffalo Trials
Security

1. Further to [redacted] Memorandum 43/Misc/8875 (MT11) of 2nd November, 1956, para 2, the position as to information which may be released to audiences of those Commonwealth Countries which did not actually send officers to the trials and to audiences which include personnel of NATO Services is defined in succeeding paragraphs.
2. Restrictions imposed by Buffalo Indoctrination Instructions Nos 7 and 9 will apply.
3. Lectures may be given, but must be confined to the personal experiences of the lecturers and information which was officially pointed out to them.

Lectures must not include any information picked up casually or given on a basis in talks at MARALINGA.

In order to get clearance for their lectures, lecturers must send to the

- (a) The general headings of their intended lectures (not necessarily the complete script)
- (b) A statement showing the type of audience (level of rank etc.) to which they intend to lecture.

Copies to:-

B.18. 8/11.