



UNITED STATES MARINE CORPS  
RIFLE RANGE DETACHMENT  
MARINE CORPS BASE  
CAMP LEJEUNE, NORTH CAROLINA 28542-5055

IN REPLY REFER TO:  
RRDetO P3440.6A  
S-1/sab  
10 Sep 1986

RIFLE RANGE DETACHMENT ORDER P3440.6A

From: Commanding Officer  
To: Distribution List

Subj: Rifle Range Detachment Disaster Preparedness Order  
(Short Title: RRDET DPO)

Ref: (a) MCO 3440.2F  
(b) OPNAVINST 3440.15  
(c) BO P3440.6A

Encl: (1) Locator Sheet

1. Purpose. To promugate instructions for the organization and operation of this command during disaster and recovery operations in accordance with references (a), (b) and (c).

2. Cancellation. RRDetO P3440.6.

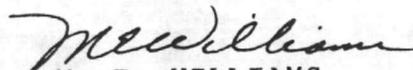
3. Information. Proper planning coupled with prompt and effective actions can reduce vulnerability to natural or man made disasters as well as minimize loss of life and damage to property. This order outlines instruction and procedures for actions relative to destructive weather operations and NBC accidents and incidents.

4. Action

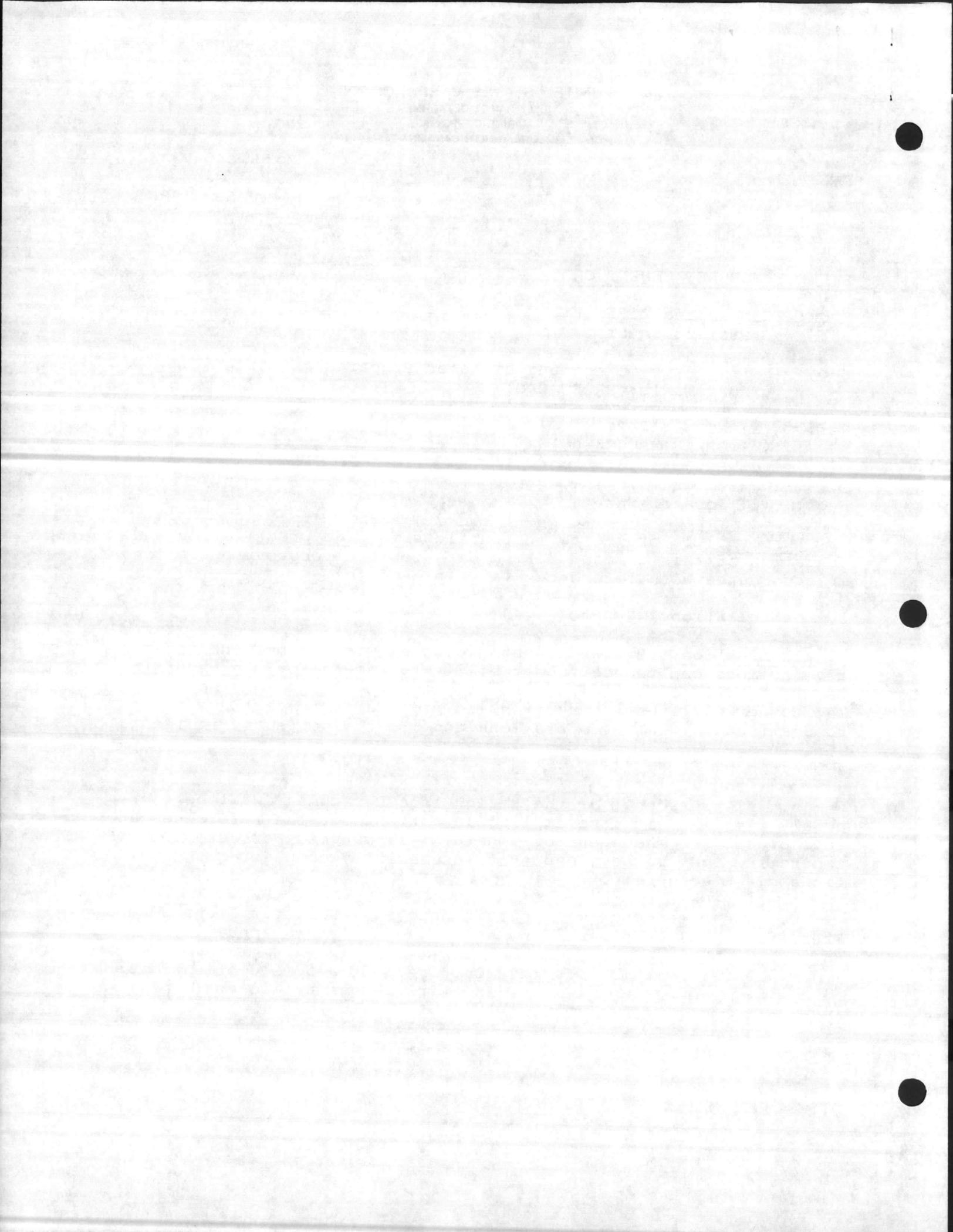
a. All personnel of the Rifle Range Detachment will be thoroughly familiar with the applicable contents of the references and this order. In the event of a natural or man made disaster, it is imperative that we be capable of successfully completing the actions directed herein.

b. The Detachment will participate in a Disaster Preparedness Exercises (DPX) as directed by higher headquarters annually.

c. This order is effective upon receipt and is applicable to all members and using units of the Rifle Range Detachment.

  
M. E. WILLIAMS

DISTRIBUTION: A

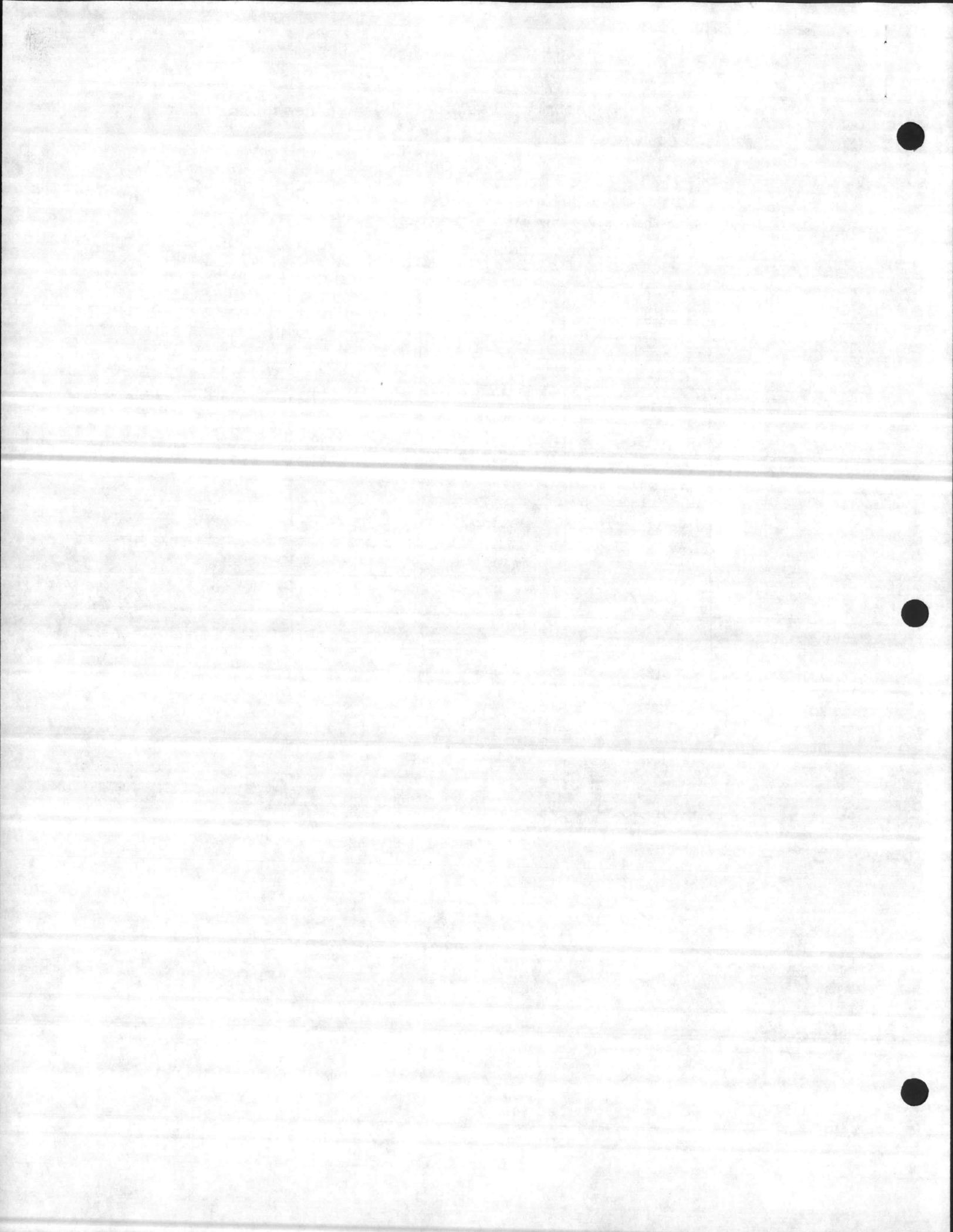


Rifle Range Detachment Disaster Preparedness Order

RECORD OF CHANGES

Log completed change action as indicated.

Change Number	Date of Change	Date Received	Date Entered	Signature of Person Entering Change



RIFLE RANGE DETACHMENT DESTRUCTIVE WEATHER ORDER

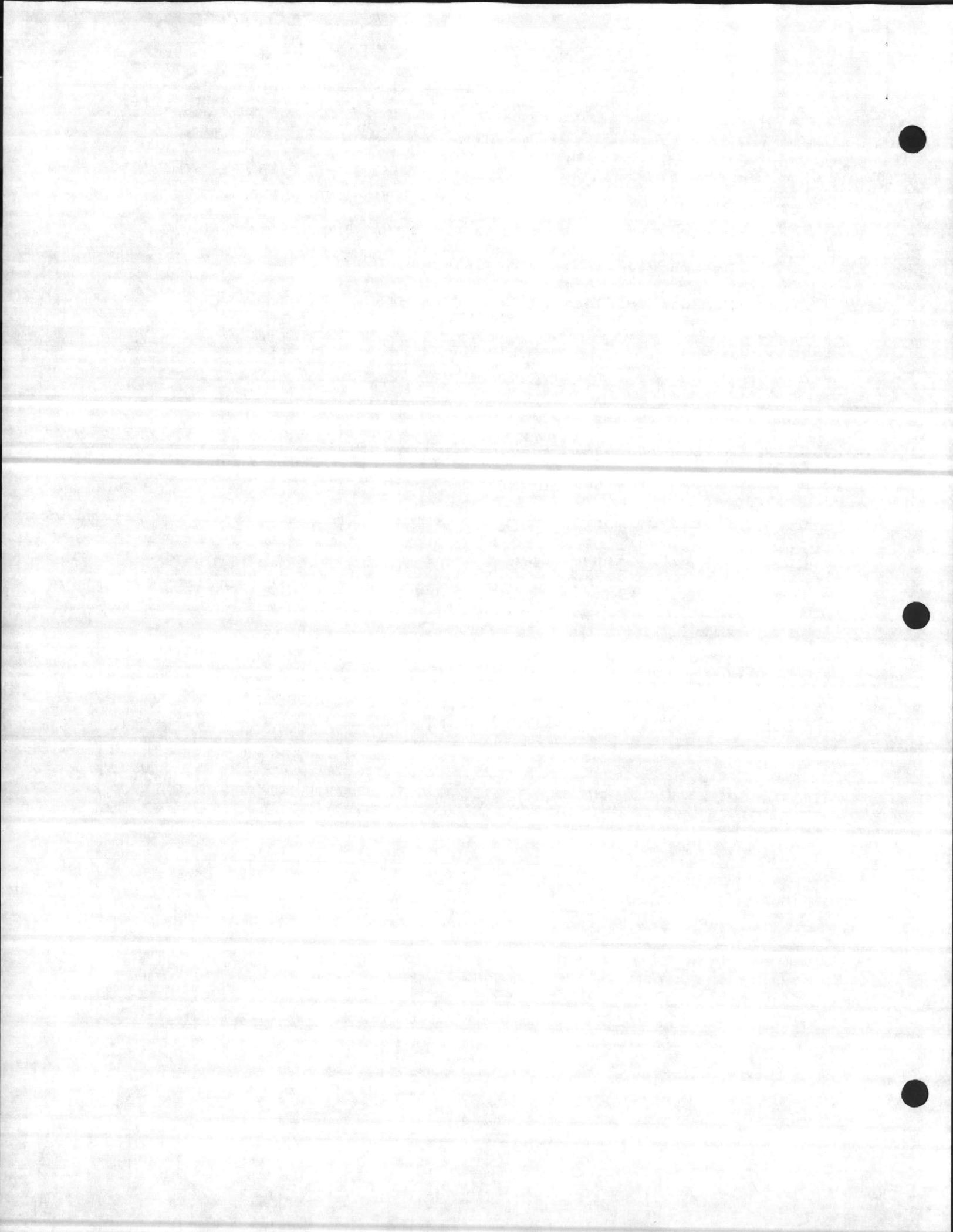
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RRDetO P3440.6A  
10 Sep 1986

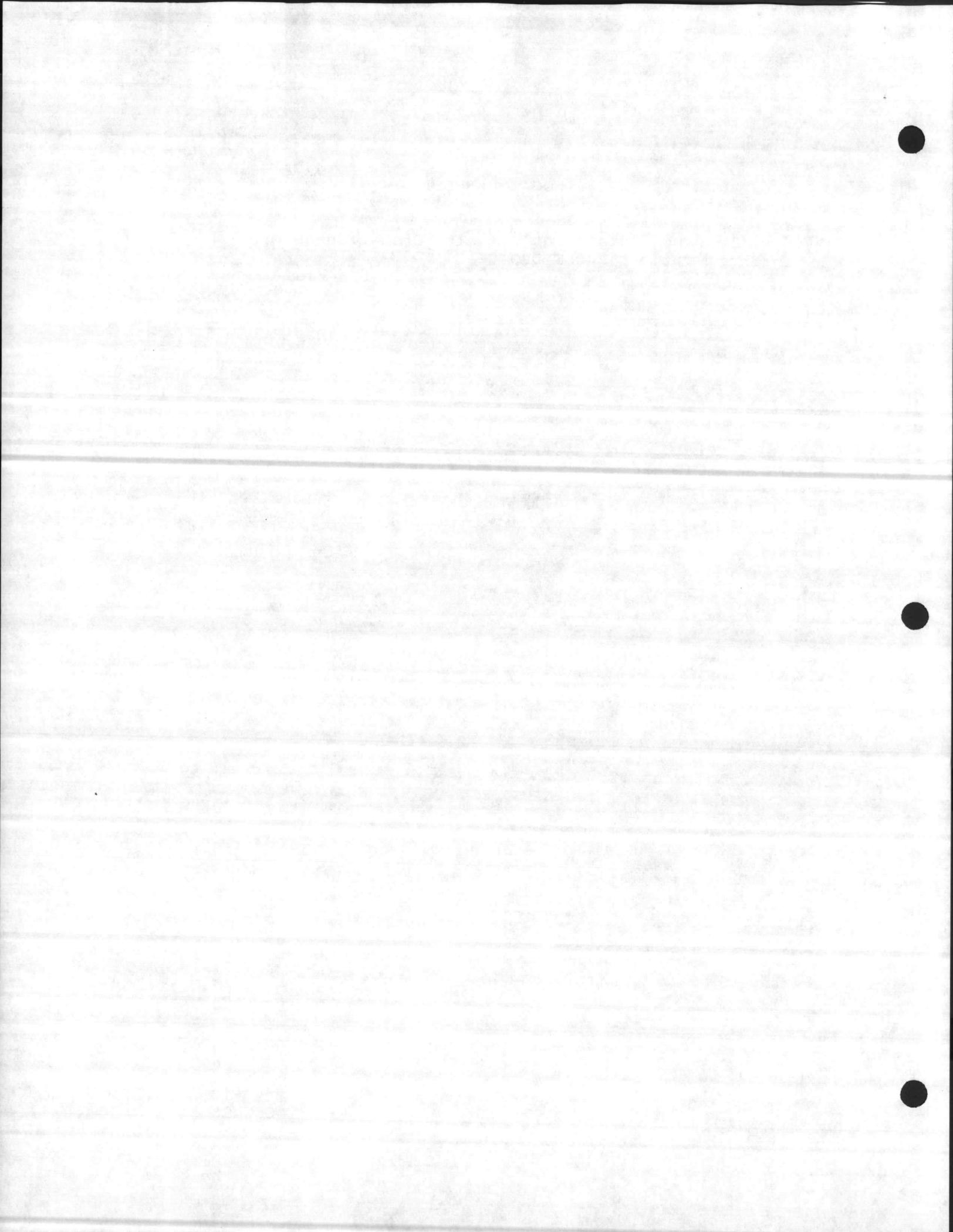
LOCATOR SHEET

Subj: Rifle Range Detachment Disaster Preparedness Order  
(Short Title: RRDET DPO)

Location:

(Indicate the location(s) of the copy(ies) of this  
Manual.)

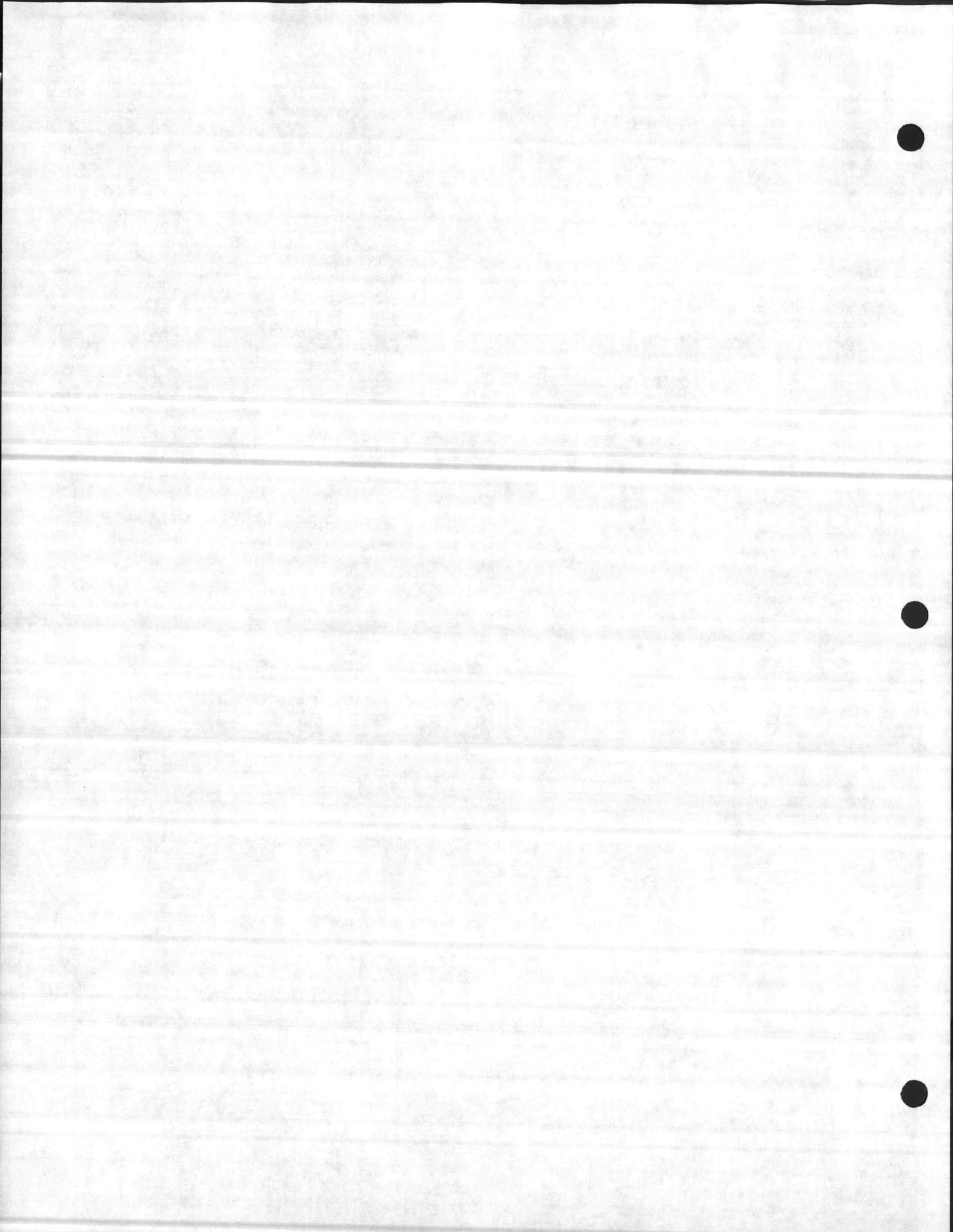
ENCLOSURE (1)



CHAPTER 1

DESTRUCTIVE WEATHER CONDITIONS AND PROTECTIVE MEASURES

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CHAPTER 1

DESTRUCTIVE WEATHER CONDITIONS AND PROTECTIVE MEASURES

1000. GENERAL. Storms are a potential and continuous threat to all military installations. Adequate and timely warning, coupled with prompt and effective actions by all Detachment personnel will minimize loss of life and damage to property due to destructive weather conditions.

1100. STORM SYSTEMS

1. Major Storm Systems. Storms of this type generally affect a wide area and have a life expectancy of days rather than hours. Types of major storm systems are as follows:

a. Tropical Depression. Weather associated with a tropical cyclonic system with wind speeds to 33 knots.

b. Tropical Storm. Weather associated with a tropical cyclonic system with wind speeds between 34 - 63 knots.

c. Hurricane. A tropical cyclone associated with high winds, usually 64 knots or greater and torrential rain.

d. Snow Storm. Various condition of snow accumulation, sleet, freezing rain, or a combination of all three that will affect roadways and bridges.

2. Local Storm Systems. Storms of this category generally affect localized areas and are usually short in duration. Types of local storm systems are as follows:

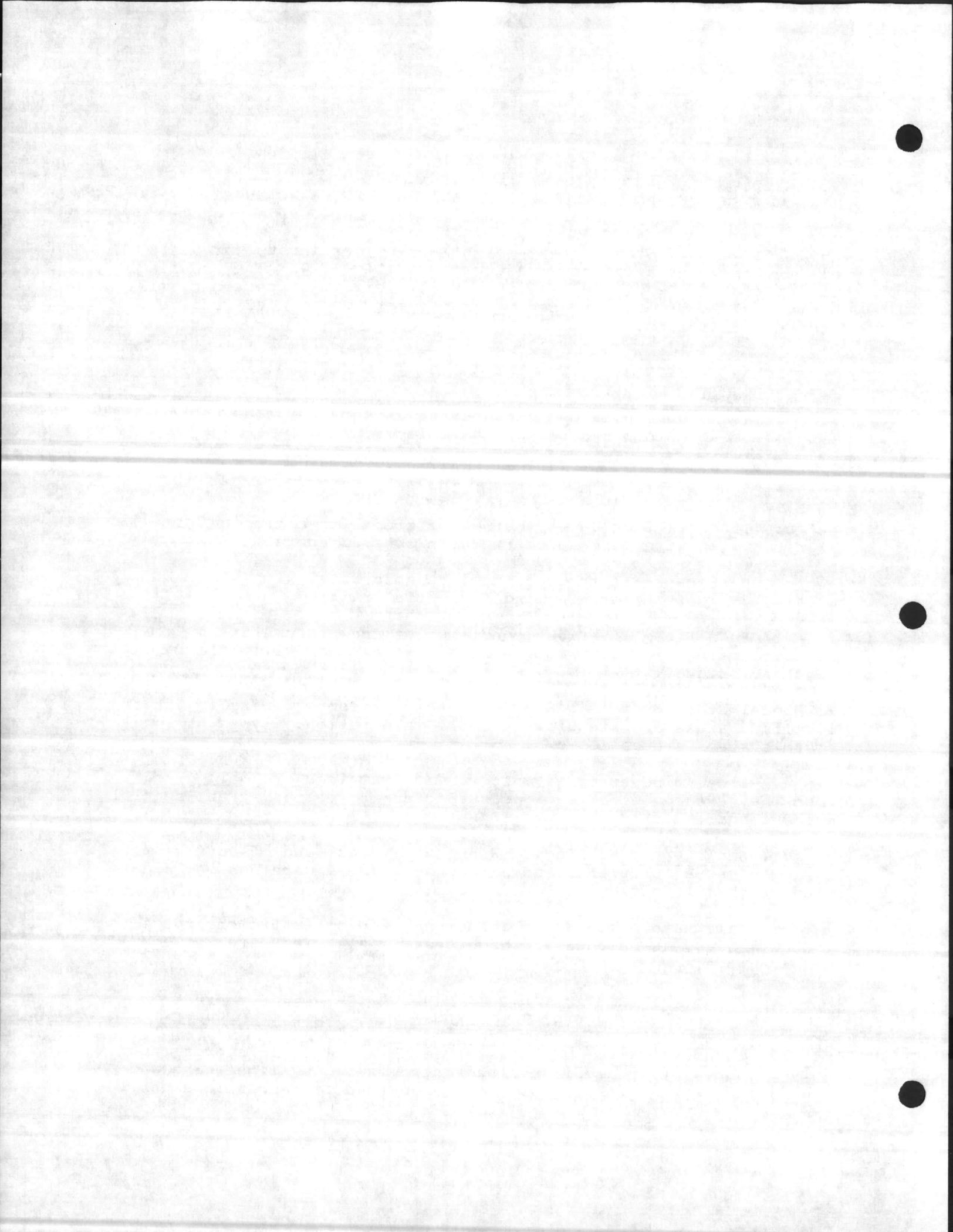
a. Local Wind Warnings. Local wind warnings are only given when they are believed to be of sufficient force to warrant special precautions.

b. Small Craft Warnings. Winds are steady and of sufficient force to cause turbulence and high seas. These warnings include winds with intensities up to 33 knots.

c. Gale Warnings. Winds are steady and of sufficient force to cause heavy turbulence and high seas. Gale winds are between 34 and 47 knots.

d. Storm Warnings. Storms made up of low pressure systems other than tropical origin, with winds of 48 knots or greater.

e. Thunderstorms. Thunderstorms are small scale storms invariably produced by cumulonimbus clouds accompanied by lightening and thunder. These storms may not have a destructive appearance until



c. Ensure that all loose materials which have the potential of becoming dangerous through a missiling effect due to high wind conditions are secured.

d. Commence preparations to close and evacuate recreational facilities and training areas.

e. Coordinate with Assistant Chief of Staff, Facilities (BCEO) for pick-up/delivery of any communication equipment needed to support the shelter operations at ext. 1661/2731. Coordinate the hook-up of emergency generators for buildings RR-8, RR-11, and RR-3.

f. Coordinate with Assistant Chief of Staff, Logistics (Base Property Officer) concerning the delivery of shelter equipment and supplies at ext. 3061.

g. Test Emergency Communications Network (see Chapter 2, Section 4).

h. Prepare to activate Destructive Weather Center.

4. Condition II. Winds of destructive force are anticipated within 24 hours. The protective measures to be taken are as follows:

a. Be prepared to secure all non-essential operations on short notice (i.e., working details, supply and ammunition runs, etc.).

b. Secure routine training.

c. Suspend firing on all ranges.

d. Designate essential personnel (Appendix B) to man key positions should the Base be closed.

e. Secure remaining loose gear due to the potential high wind conditions. Two major areas of particular interest are as follows:

(1) Firing Ranges

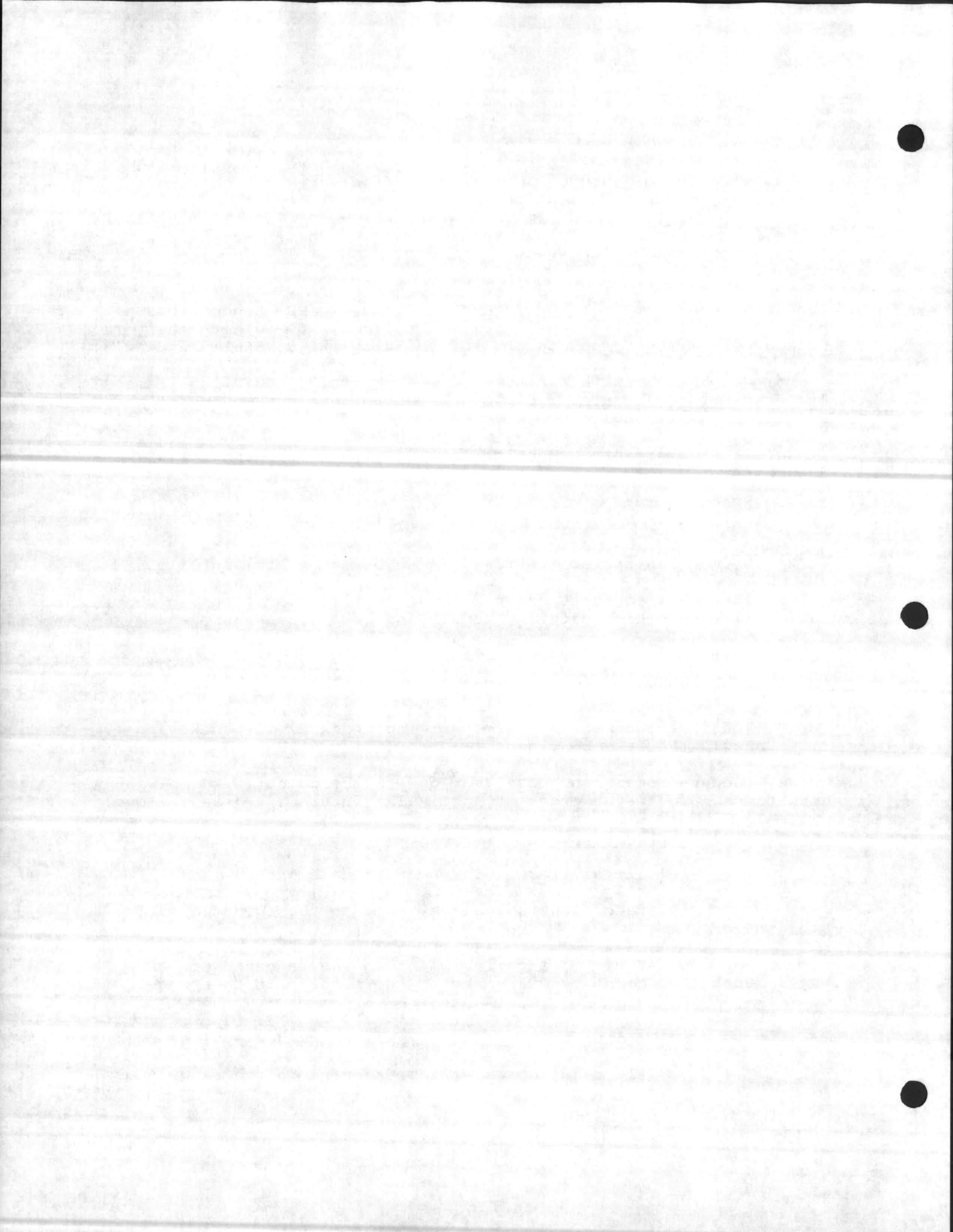
(a) Tie all target carrages at half mast.

(b) Range towers will be taken to the target shed for storage.

(c) Communication equipment in the range towers and butts sound sheds must be disconnected and secured in the range house.

(d) All ammunition tables will be turned upside down.

(e) All ready boxes will be secured in the range house.



n. Contact the Courthouse Bay Branch Clinic for pick-up of the Destructive Weather Medical Boxes for the shelter (ext. 7526).

5. Condition I. Winds of destructive force are imminent or expected within 12 hours. The protective measures to be taken are as follows:

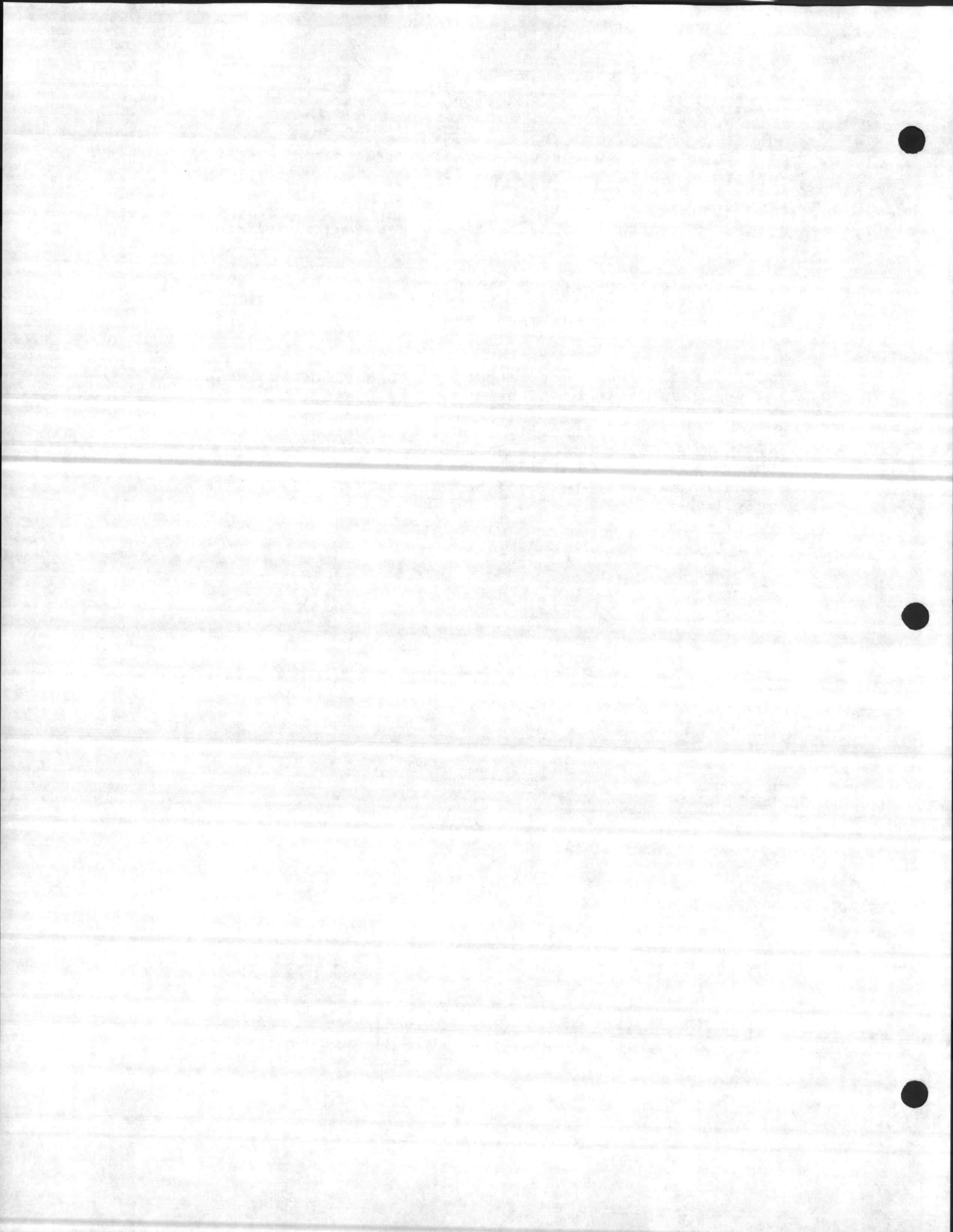
a. Secure all operations except those of an emergency nature.

b. Ensure actions outlined in Condition IV, III, and II are accomplished.

6. Condition 1A. Destructive conditions are in progress. The protective measures to be taken are as follows:

a. The Base is officially closed by order of the Commanding General, Marine Corps Base.

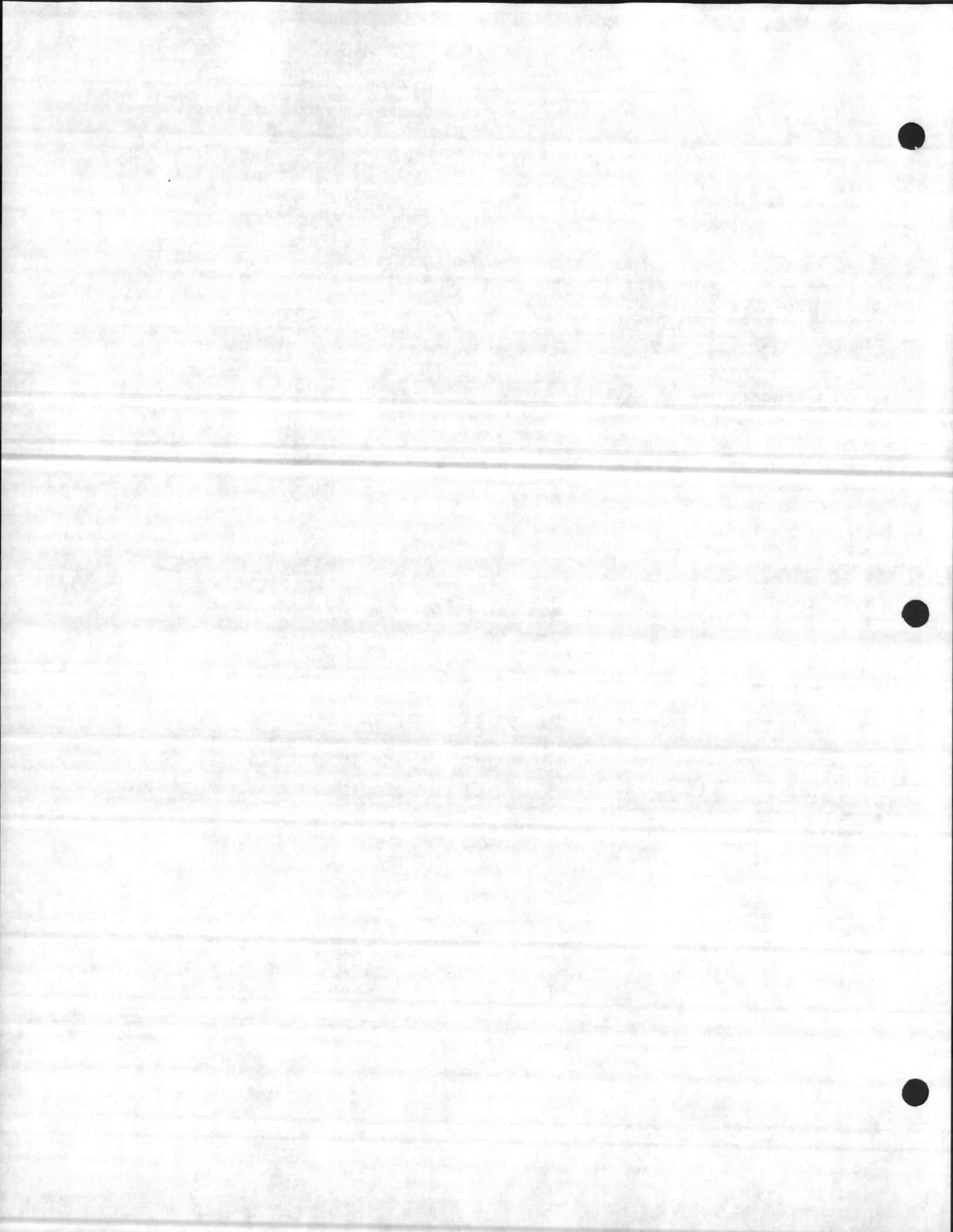
b. Entry and exit through the gate will be limited to emergencies only.



Chapter 2

Destructive Weather Organization

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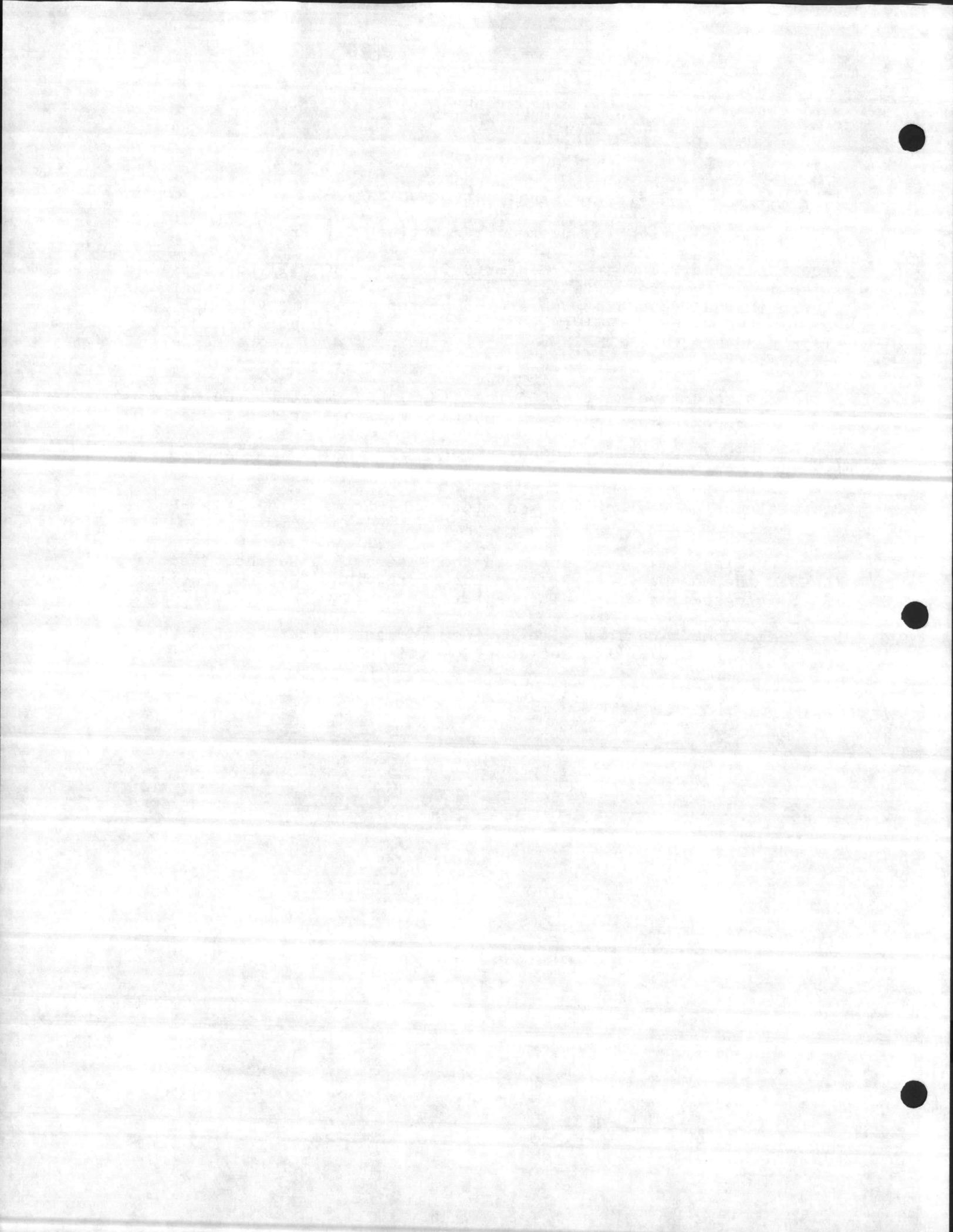
Chapter 2

Destructive Weather Organization

Section 1: Destructive Weather Center

2100. Destructive Weather Center(DWC). The DWC will be located in RR-11. Its purpose is to conduct the coordination necessary to ensure that all preparations are completed in a timely manner regarding the safety of military and civilian personnel aboard the Rifle Range. It will have the following personnel, equipment, and capabilities:

1. The Destructive Weather Officer (S-3), Sergeant of the Guard, Corporal of the Guard, and two sentries will be located therein.
2. Telephone and radio communications gear (see section 4 of this chapter).
3. Destructive Weather Kit containing the items noted in Appendix D.
4. Land line communications with the Destructive Weather Shelter (RR-8), the Messhall (RR-3), and the Correctional Custody Facility (RR-5)(see section 4 of this chapter).
5. Radio communications with the Commanding Officer and Destructive Weather SNCOIC (see section 4 of this chapter).



Chapter 2

Destructive Weather Organization

Section: 2 Destructive Weather Shelter

2200. Destructive Weather Shelter (DWS). The DWS will be located in RR-8. Its purpose is to provide shelter for those personnel who have become displaced; who have been evacuated from potentially dangerous areas; and those who are in a transit status and cannot be billeted elsewhere. Persons not affiliated with military, DOD, or government services will also be afforded refuge. The DWS will fall under the cognizance of the Destructive Weather Officer.

1. The Destructive Weather SNCOIC, the Shelter Manager, two shelter teams, and the medical team will be located within the DWS.

2. The DWS will have telephone, land line, and radio communications with the DWC (section 4).

3. Log books will be maintained (stored in the S-3) for registration, assignment, accountability of personnel seeking shelter, recording weather reports and any other important events.

4. The DWS will contain sufficient emergency facilities to support the number of personnel at the range to include:

a. Portable sanitation units to prevent unhealthy living conditions.

b. Medical personnel and equipment to rapidly treat and evaluate storm related casualties and emergencies. (section 3 of this chapter)

5. The DWS must be prepared to conduct operations for up to 72 hours.

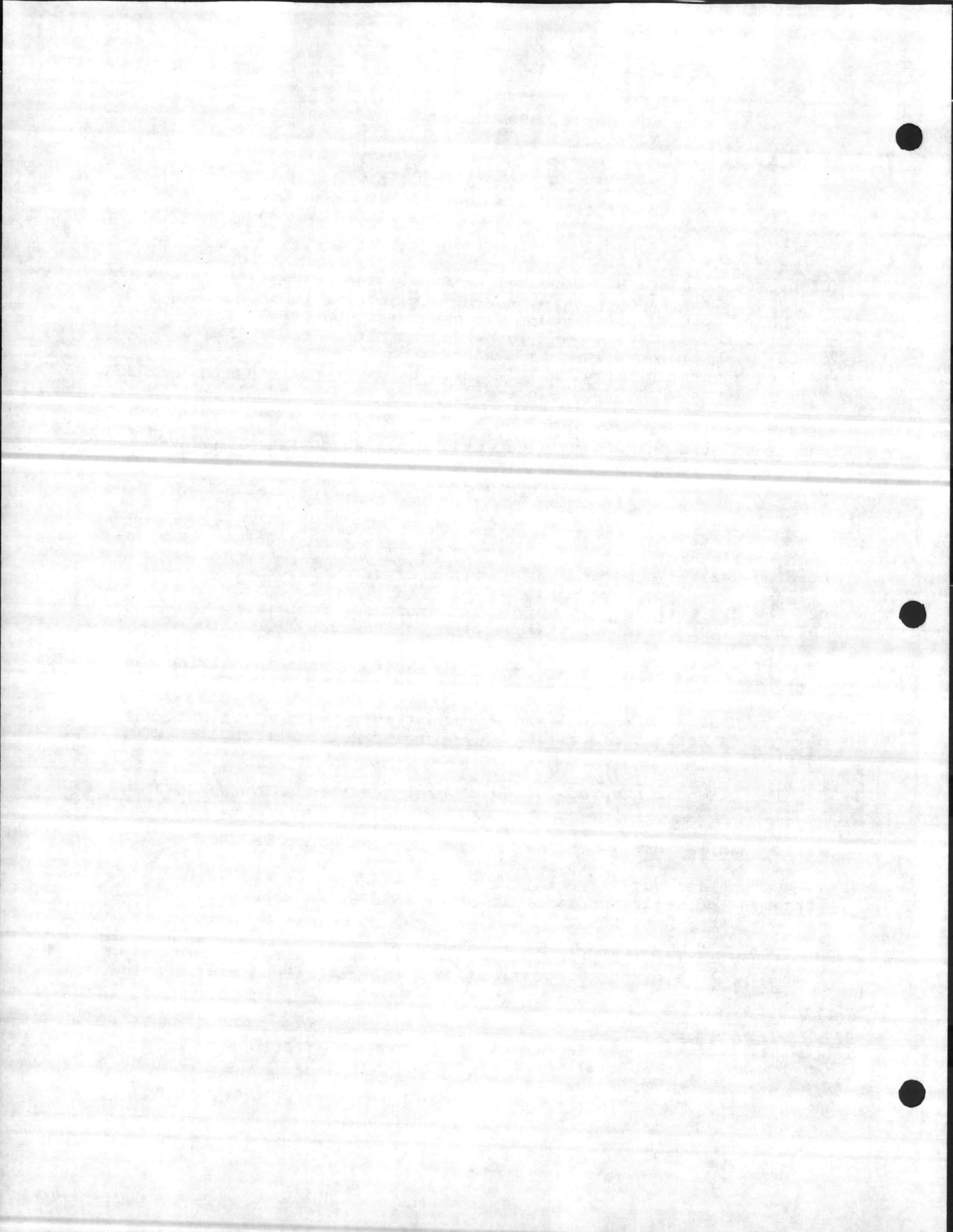
2201. Sanitation

1. Occupation and Preventative Medicine personnel will inspect for contaminated water supplies and other conditions affecting hygiene in RR-8, RR-3, and RR-5.

2. Field Sanitation practices will apply until all water is declared potable by the Occupation and Preventative Medicine Section.

2202. Logistics

1. All official business requiring government transportation during the disaster period will be controlled by the RRDet Motor Transport

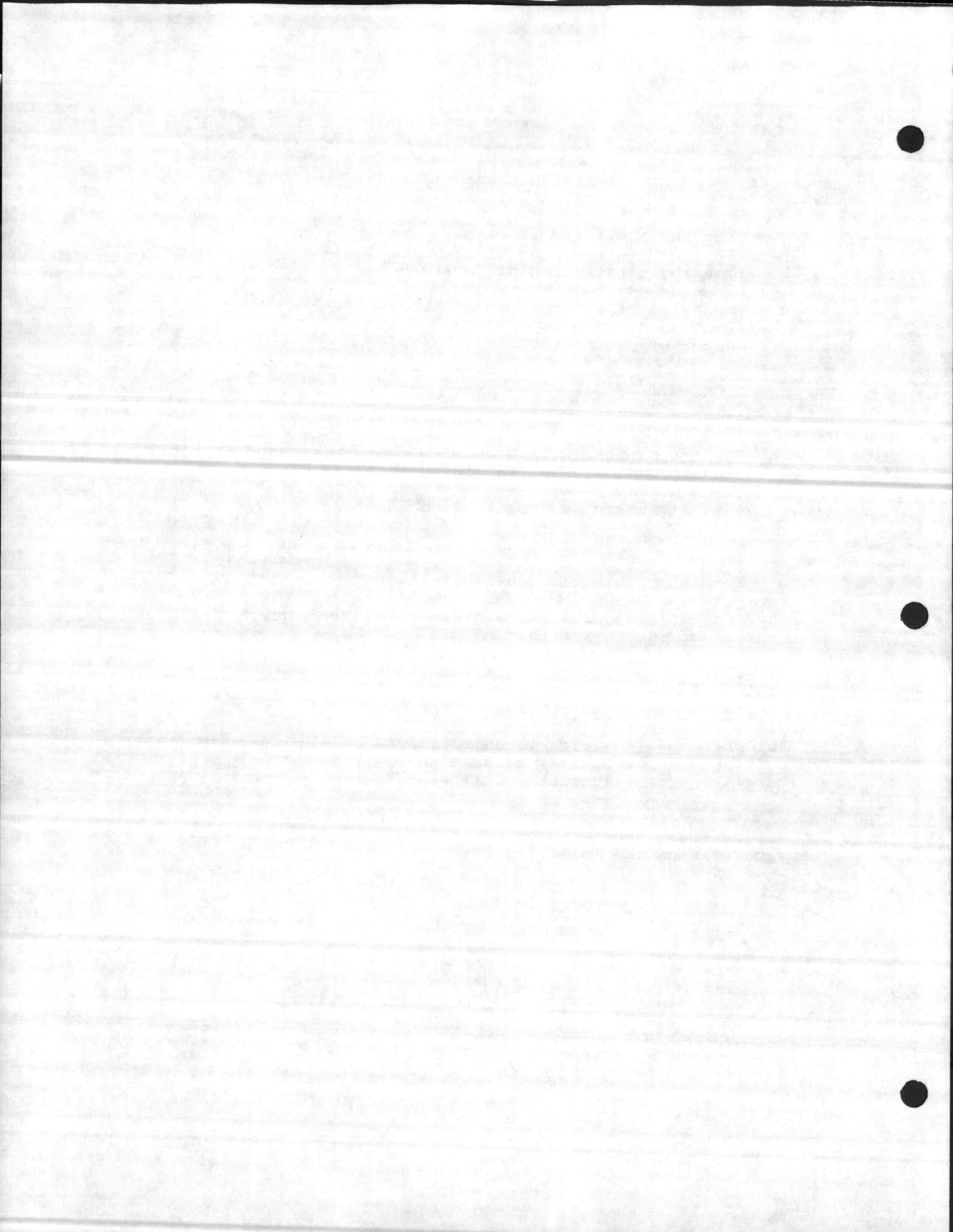


ther Officer will forward this information to the EOC (ext. 3520/3482/5276), using the following format:

- a. Time the shelter activated.
  - b. Time the first occupants arrived.
  - c. Condition of shelter.
  - d. Number of occupants.
  - e. Supply status.
  - f. Other significant information/remarks.
4. The Shelter Manager will submit to the DWO subsequent reports on a continuing basis in the following format:
- a. General health and morale of occupants.
  - b. Current supply status.
  - c. Special problems/unusual situation.
5. The Shelter Manager will maintain a detailed and descriptive log/journal of shelter operations.
6. All required reports are outlined in appendix D.

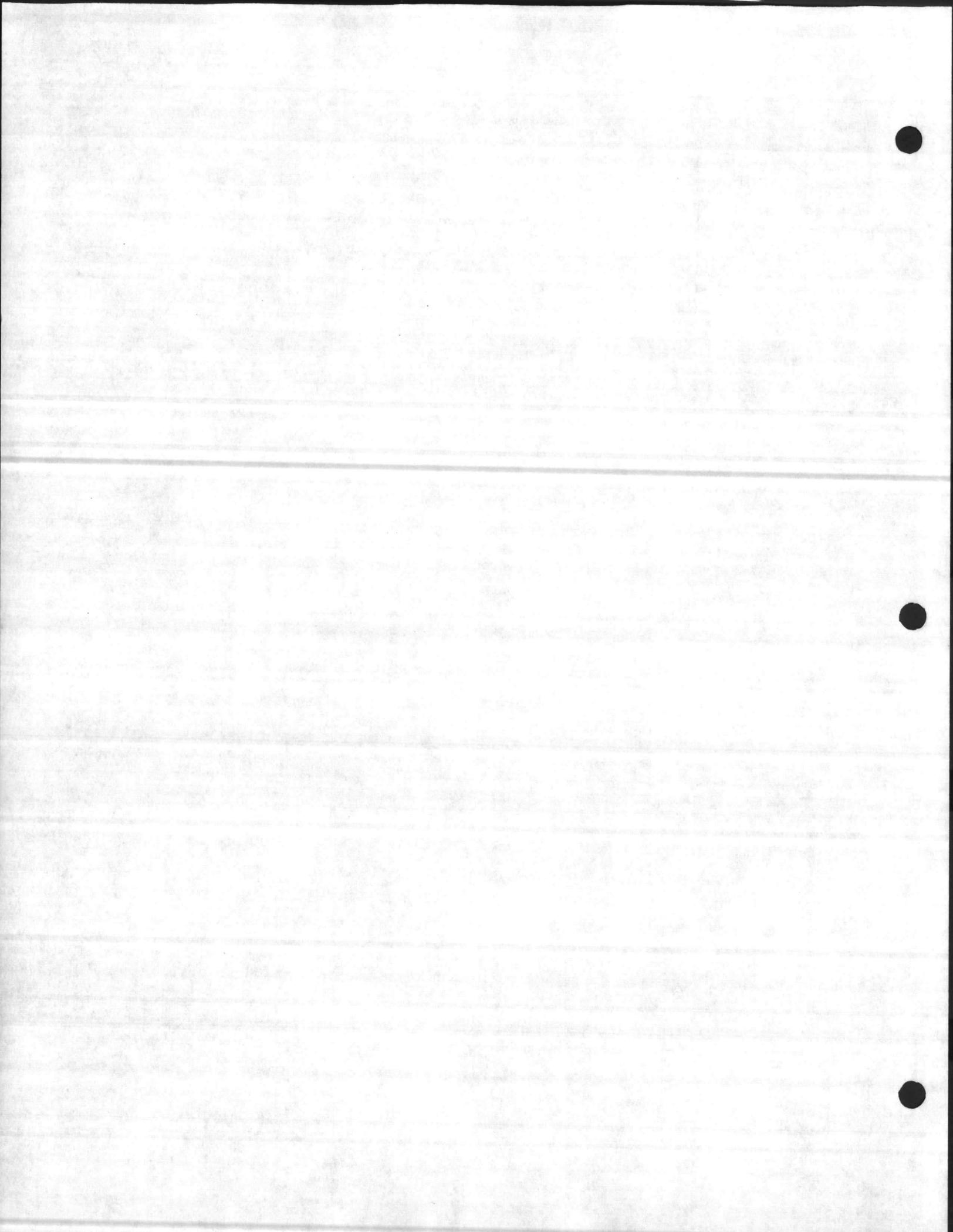
2204. Coordinating Instructions

1. All personnel desiring to be sheltered should report to the Destructive Weather Shelter closest to their house or quarters. All shelters at Camp Lejeune are outlined in paragraph 4407 of reference (c).
2. All persons reporting to the shelter will fill out registration cards containing the following data:
  - a. Name
  - b. Rank
  - c. SSN
  - d. Unit and address
  - e. Primary next of kin
  - f. Any disabilities



b. Team 2:

- (1) 1 - SNCO Team Leader . . . . . Asst. Shelter Manager
- (2) 1 - Marine Clerk . . . . . S-1 Clerk
- (3) 4 - Marines . . . . . MTU Personnel



Chapter 2

Destructive Weather Organization

Section 3: Medical Support

2300. Medical Supply

1. Medical Supply and resupply will be moved into both the RRDet Dispensary and the Destructive Weather Shelter by the ambulance dispatched to the Rifle Range by Branch Clinic headquarters.
2. Destructive Weather medical boxes and stretchers will be drawn from the Head, Branch Clinics, Bldg 15 (ext. 3435/5540).
3. During the disaster period, the Detachment Corpsman will remain in constant contact with the Destructive Weather Officer using the Detachment Security Section communication System.

2301. Medical Teams

1. Medical Teams will be provided by both Navy and Marine Corps personnel assigned to RRDet. The teams will be organized as follows:

a. First Aid Team:

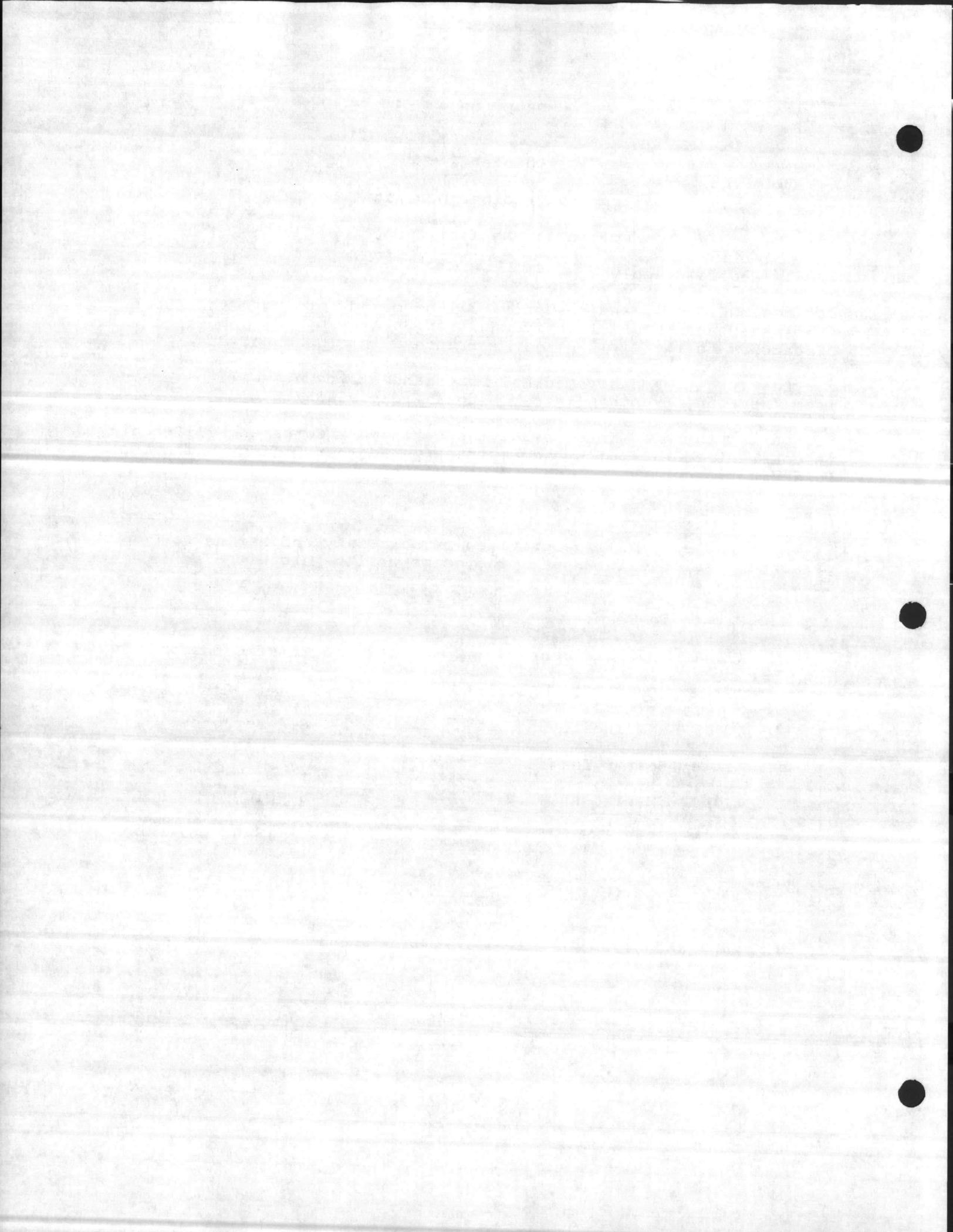
- (1) 1 - Hospitalman . . . . . Chief Corpsman
- (2) 2 - Dental Technicians . . . . . Head, Branch Clinics
- (3) 8 - Marines . . . . . S-4 Personnel

b. Litter Bearer Team:

- (1) 1 - Marine SNCO . . . . . SNCOIC "A" Range
- (2) 8 - Marines . . . . . "A" Range/MTU Personnel
- (3) 4 - Litters . . . . . Courthouse Bay Branch Clinic

c. Ambulance Team:

- (1) 1 - Marine (driver) . . . . . Duty Driver
- (2) 1 - Marine (trained in 1st Aid) . . . . . Corporal of the Guard



Chapter 2

Destructive Weather Organization

Section 4: Communications

2400. Telephone

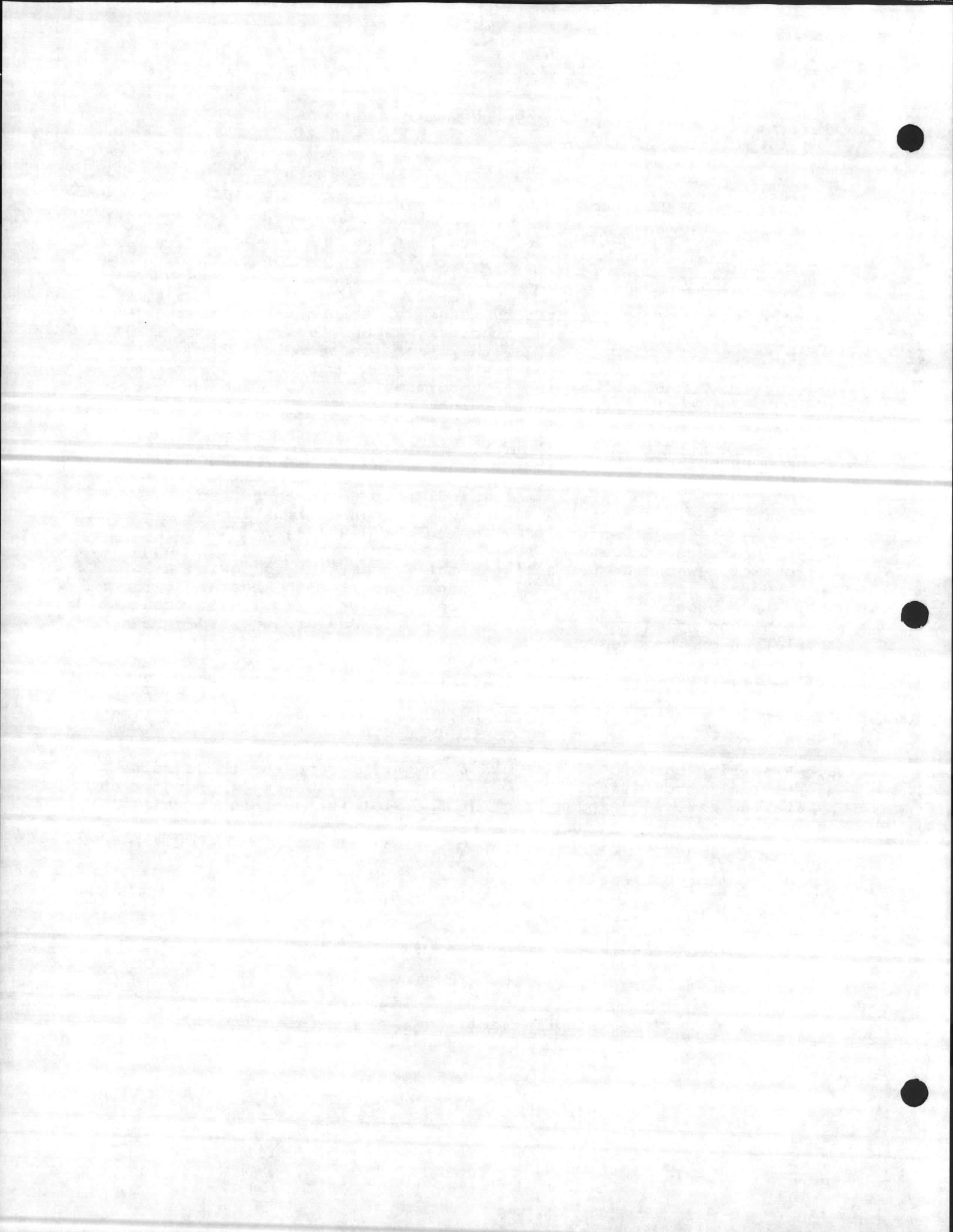
1. The telephone is the primary means for transmitting and receiving information concerning destructive weather conditions at the Rifle Range Detachment. All of the lines listed below will be located in the Security Section of the Bldg RR-11 and will be manned continuously upon the setting of Condition II so that the Shelter Manager can obtain needed information:

a. Commercial Service. There are 2 telephones available, each telephone has two lines and their number are 7510 and 7442.

b. OMNI Line. This is a Command Group Conference Circuit which provides instantaneous telephone communications from the Disaster Preparedness Center (DPC) (ext. 5326/5720/3842/5276) to major tenant commands and base staff sections including the Rifle Range Detachment. When the DPC activate the system, the following warning order to all commands will be announced from the Master Station: "This is a group call, do not hang up; message to follow." Once all stations have answered, the message will be broadcasted. Upon completion of the message, the Master Station will hold a roll call. If the called station has received the message and thoroughly understands it, they will signify by using the stations name. Then, and only then, will the station hang up. A phone log will be kept recording the name of the sender, the message, the date, and the time received.

2. A special conference call has been established for the passing of critical information. The below listed stations may be contacted by dialing ext. 3400 and asking the operator for conference call #1.

- a. Base MARS station
- b. Gottschalk Marina
- c. Courthouse Bay
- d. Special Services
- e. Defense Re-Utilization and Marketing Office
- f. Regional Automated Services Center
- g. Naval Dental Clinic



4. Upon setting Condition II, the SNCOIC of the Destructive Weather Team will procure six portable radios for the Detachment's Armory.

a. Three radios will be used at a time and they will be issued to the Commanding Officer, the Destructive Weather Officer, and the Destructive Weather Staff Non-Commissioned Officer.

b. Call signs will be utilized as follows:

(1) Commanding Officer; 6

(2) Destructive Weather Officer; 3

(3) Destructive Weather Staff Non-Commissioned Officer; 1

2402. Intra-Base Teletype Circuits. This net is established as an alternate means of communications and to pass weather and emergency request information to selected units within Camp Lejeune.

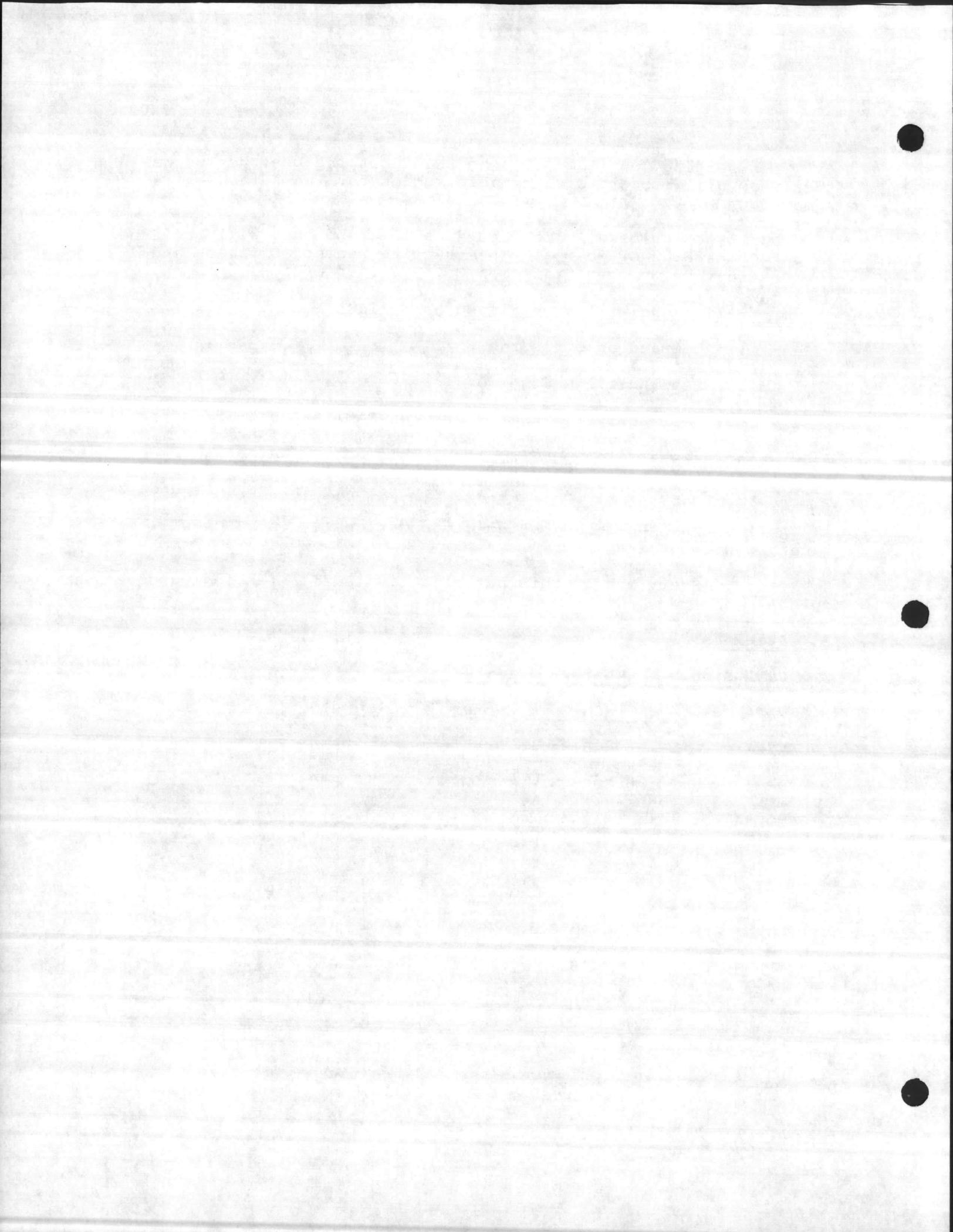
1. Activation. Upon the setting of Condition II, this net will be manned continuously.

2. Tests. Every Monday this net is activated for testing purposes only.

3. Stations

<u>Call Sign</u>	<u>Unit</u>	<u>Location</u>
NAA(NCS)	MCB Comm Center	Bldg 1101
NNR	MCB Radio Station	Bldg 24 (Rec. Only)
DP	EOC	Bldg 1
NOFAA	MARS Station	Bldg PT-5
CK	NRMC	Bldg HP1
CB	HqBn, MCB	Bldg 50
CT	Camp Geiger	Bldg 705
CE	MCES	Bldg BB-28
RR	RRDet	Bldg RR-11
CS	MCSSS	Bldg 131

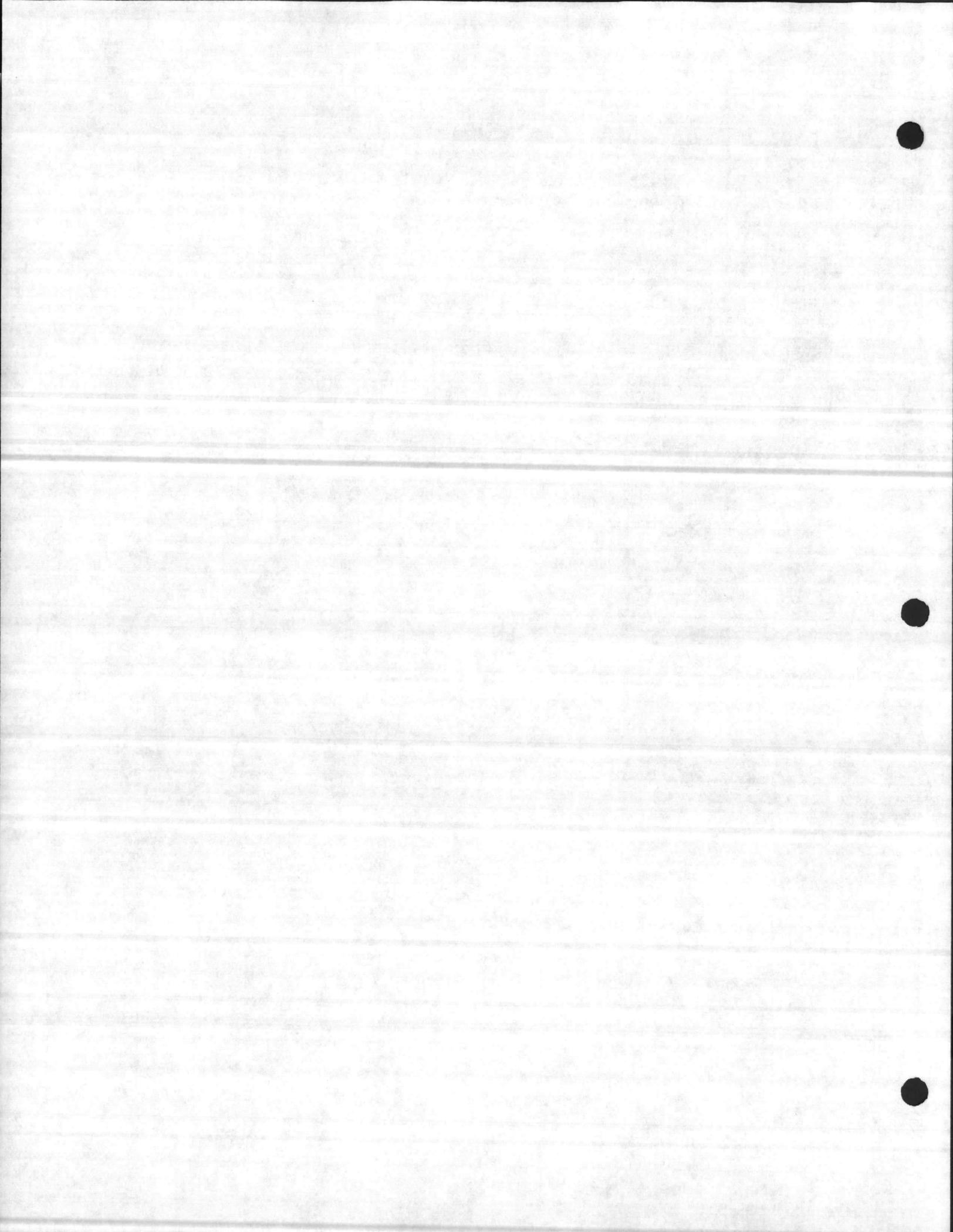
4. Classification. Only unclassified traffic may be transmitted over this circuit.



Chapter 3

Nuclear, Biological, and Chemical

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Organization and Protective Measures . .	3002	3-3



Chapter 3

Nuclear, Boiological, and Chemical

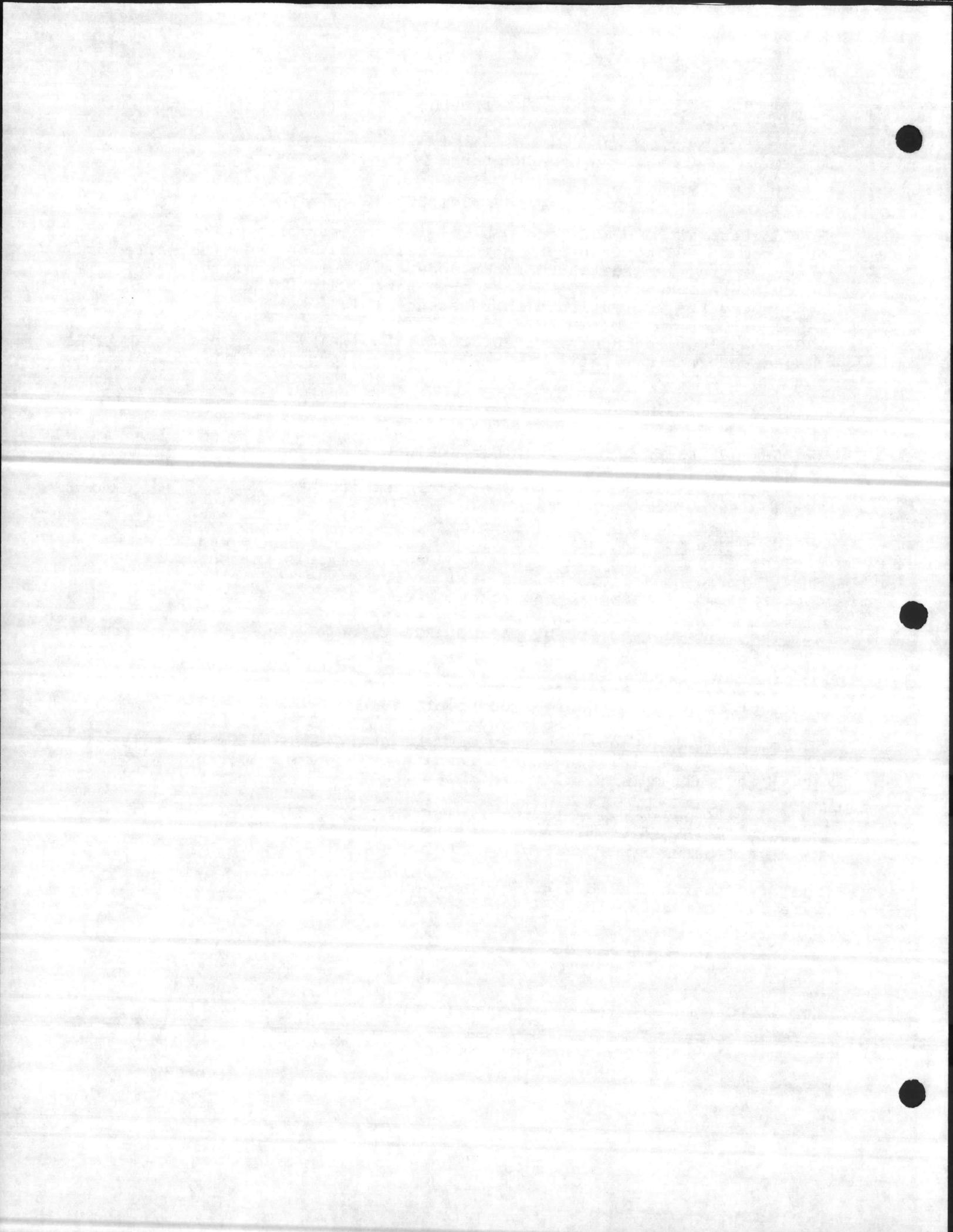
3000. General. Command and Control for the response to or recovery from an NBC accident or incident will function from the Rifle Range Destructive Weather Officer under the guidance of the Emergency Operations Center, Marine Corps Base, Camp Lejeune. Plans and procedures are outlined in reference (b).

3001. Nuclear Accident/Incident Condition (NAIC). DoD has established code names relating to nuclear situations in their broadest sense.

1. NAIC "Broken Arrow" - A nuclear accident.
2. NAIC "Bent Spear" - A nuclear incident.
3. NAIC "Dull Sword" - A nuclear accident/incident not defined by "Broken Arrow" or "Bent Spear".

3002. Organization and Protective Measures. In the event of a nuclear occurrence in the Stone Bay Area, the Assistant Chief of Staff, Training and Operations will activate the EOC to begin the coordination of response and recovery operations with the CO, RRDet.

1. The initial reaction by the CO, RRDet, before any guidance from the EOC, will be to:
  - a. Establish a security parimeter around the nuclear accident/incident of no less than a 2,000 foot radius.
  - b. The Detachment NBC Team will be activated and immediately begin taking initial readings of radiation exposure (personnel and area) and fall-out.
  - c. All personnel will report to the Fall-out shelter, "A" Range tunnel, immediately. In the event the tunnel is inoperable, Bldg RR-2 will be used.
  - d. Other detailed security procedures are outlined in enclosure (7), reference (b).

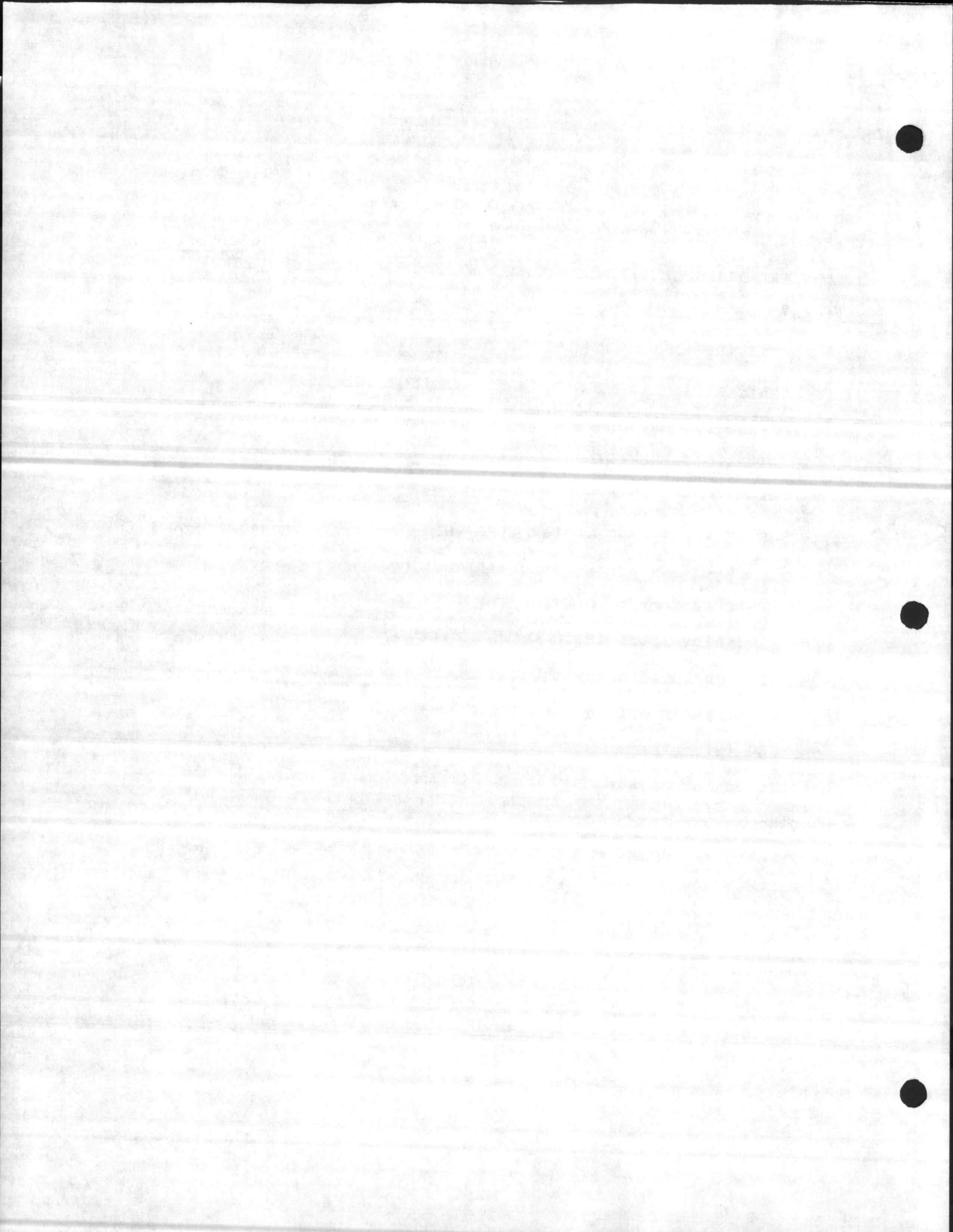


RRDET DPO

Appendix A

Points Of Contact

<u>RRDet</u>	<u>Telephone</u>
OIC (RR-11)	7510/7442
S-4 (RR-11)	7510/7165
Messhall (RR-3)	7346
Armory (RR-11)	7141
Maintenance (RR-7)	7171
Communications (RR-11)	7180
Gym (RR-8)	7168
Disaster Preparedness Center (DPC (Bldg 1)	5326/5720/5276
Damage Control Recovery Center (Bldg 1202)	5161
Base Property Control Officer (Bldg 1202)	3061/5513/2535
Branch Clinics (Bldg 15)	3435/5540
Housing Area Coordinator (TT-43)	2895/3001
Provost Marshals Office (PMO)	2555
Base CEO (Bldg 24)	1661/2731
Base Telephone Repair	1114
Courthouse Bay Branch Clinic	7526

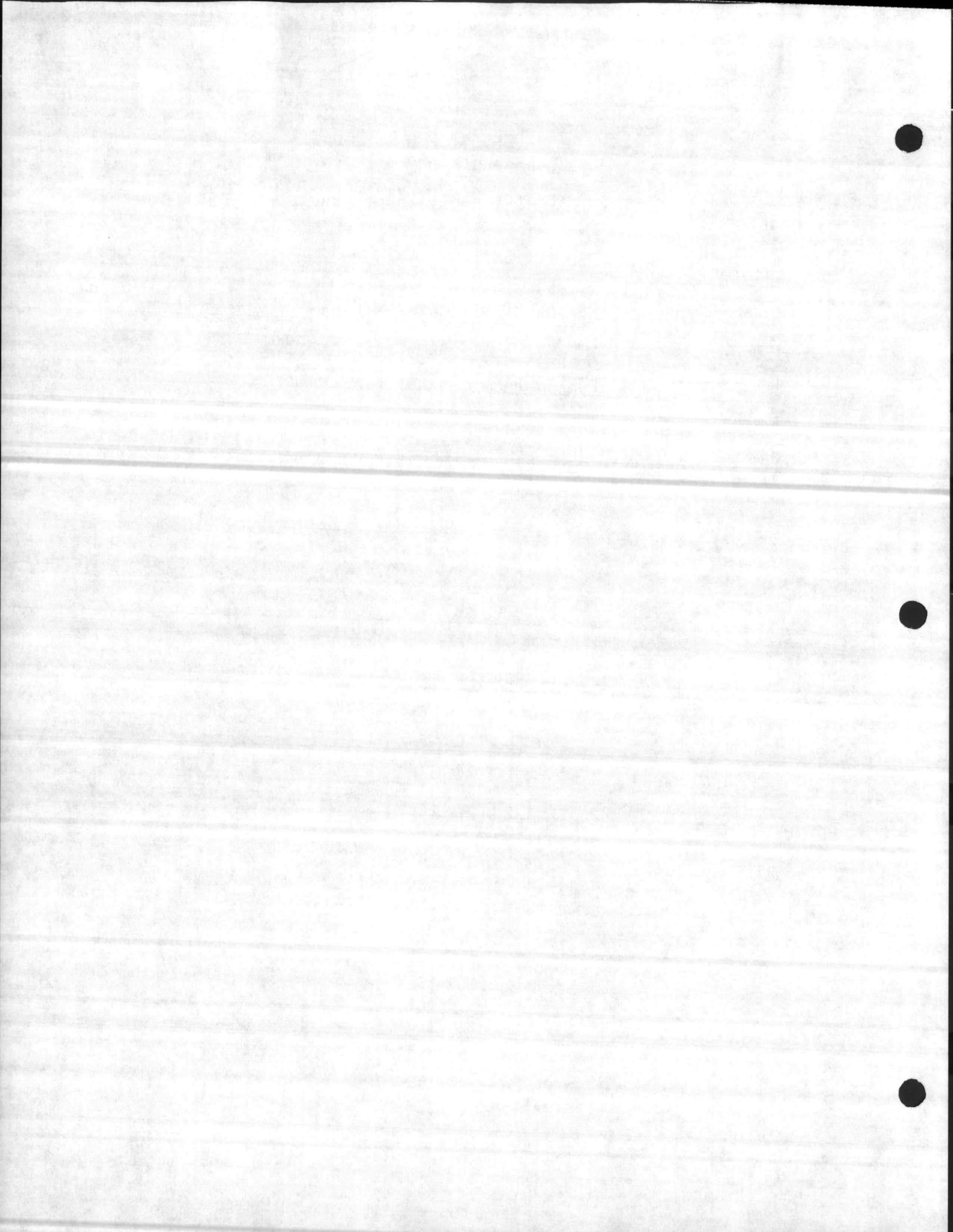


RRDET DPO

Appendix B

Assignment of Essential Personnel

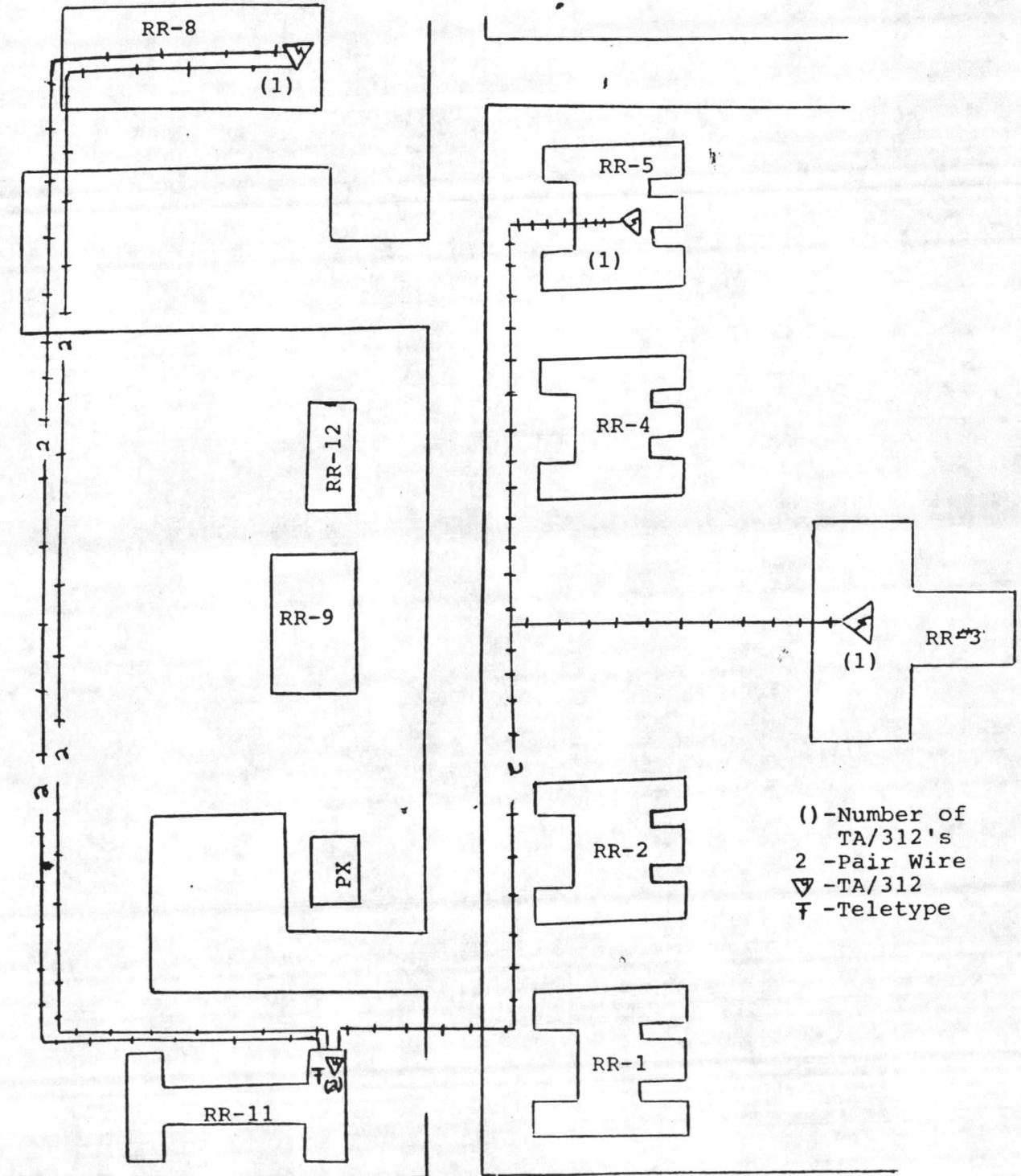
OIC	S-3
SNCOIC	SNCOIC "C" Range
Messhall	Chief Messman
Armory	Armory SNCOIC
Maintenance	Maintenance SNCOIC
Communication	Communication NCO
Shelter Manager	Chief Range Coordinator
Assistant Shelter Manager	Training NCO
S-4	S-4 Officer/Chief

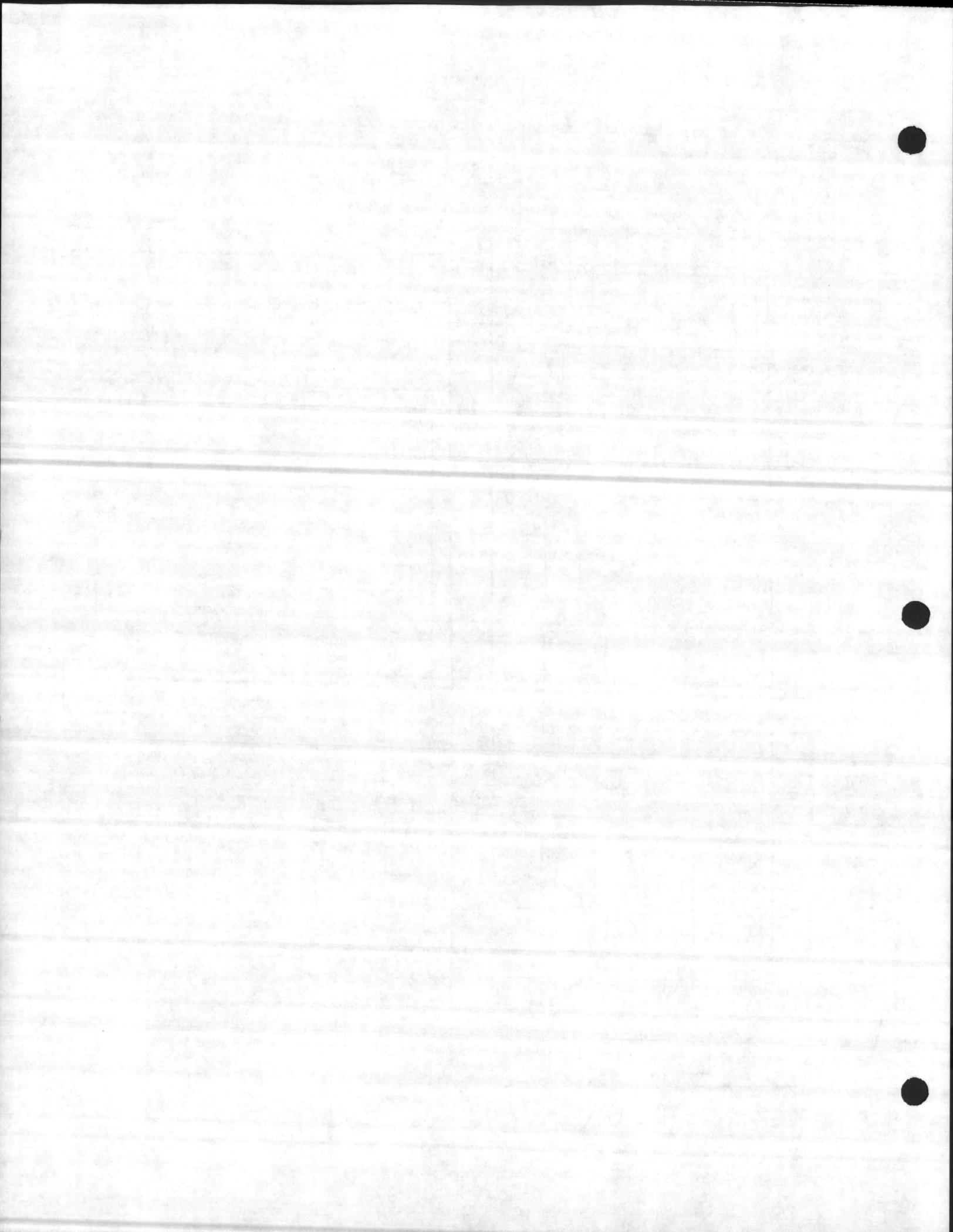


RRDET DPT

Appendix C

Wiring Schematic



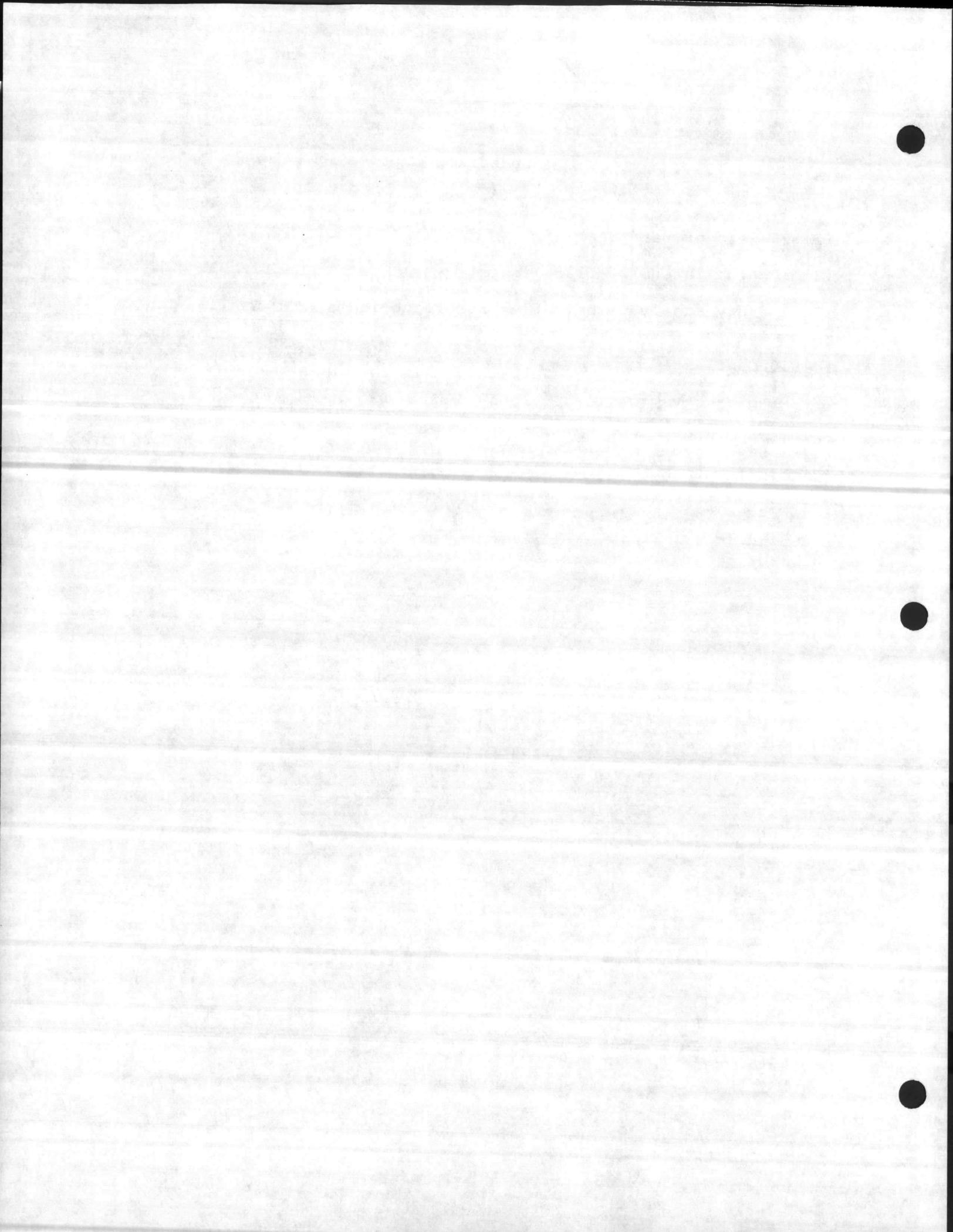


RRDET DPO

Appendix D

Destructive Weather Kit

- (1) 25 Sets of rain gear
- (2) 10 High intensity flashlights
- (3) A 3 day supply of batteries for flashlights, PRC-77's and TA-312's
- (4) 50 Candles
- (5) Ring of keys to all sections
- (6) 10 Pairs of rubber boots
- (7) 1 mile of comm wire
- (8) Flares

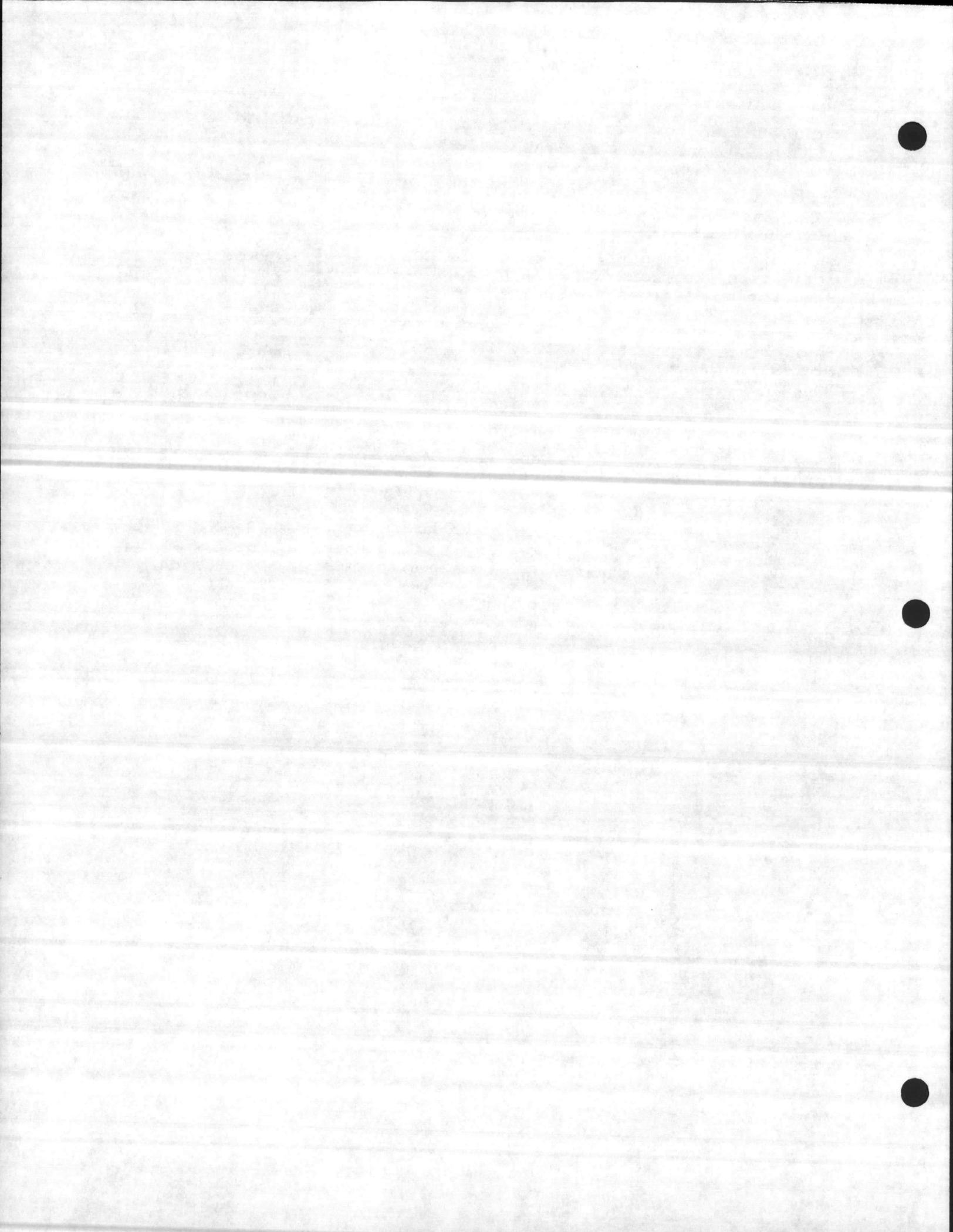


## RRDET DPO

## Appendix E

## Required Reports

<u>Reports</u>	<u>Who Submits</u>	<u>Frequency</u>	<u>Submit to</u>	<u>Format</u>
Shelters Activation Report	Destructive Weather OIC	Upon opening shelter	EOC	Para 2203 of this order
Shelter Status Report	Destructive Weather OIC	Every 4 hours after opening	EOC	Para 2203 of this order
Damage Report	S-4	Upon setting Condition V	AC/S, Fac (Attn: DCRC)	As Established
!After Action Report	Destructive Weather OIC	5 working days after setting Condition V	CG, MCB (Attn: AC/S TRNG & OPS)	Topic/ Discussion/ Recommendation Format



## RRDET DPO

## Appendix F

## Knots/Miles Per Hour Conversion Table

<u>Knots</u>	<u>MPH</u>	<u>Knots</u>	<u>MHP</u>	<u>Knots</u>	<u>MHP</u>
1	1.2	38	43.8	74	85.2
2	2.3	39	44.9	75	86.4
3	3.5	40	46.1	76	87.5
4	4.6	41	47.2	77	88.7
5	5.8	42	48.4	78	89.8
6	6.9	43	49.5	79	91.0
7	8.1	44	50.7	80	92.1
8	9.2	45	51.8	81	93.3
9	10.4	46	53.0	82	94.4
10	11.5	47	54.1	83	95.6
11	12.7	48	55.3	84	96.7
12	13.8	49	56.4	85	97.9
13	15.0	50	57.6	86	99.0
14	16.1	51	58.7	87	100.2
15	17.3	52	59.9	88	101.3
16	18.4	53	61.0	89	102.5
17	19.6	54	62.2	90	103.6
18	20.7	55	63.3	91	104.8
19	21.9	56	64.5	92	105.9
20	23.0	57	65.6	93	107.1
21	24.2	58	66.8	94	108.2
22	25.3	59	67.9	95	109.4
23	26.5	60	69.1	96	110.5
24	27.6	61	70.2	97	111.7
25	28.8	62	71.4	98	112.9
26	29.9	63	72.5	99	114.0
27	31.1	64	73.7	100	115.2
28	32.2	65	74.9	101	116.3
29	33.4	66	76.0	102	117.5
30	34.5	67	77.2	103	118.6
31	35.7	68	78.3	104	119.8
32	36.8	69	79.5	105	120.9
33	38.0	70	80.6	106	122.1
34	39.2	71	81.8	107	123.2
35	40.3	72	82.9	108	124.4
36	41.5	73	84.1	109	125.5
37	42.6	74	85.2	110	126.7

