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APD 309

ANNEX 1 to OPERATIONAL  
MEMORANDUM NUMBER 70

30 September 1949

TYPHOON STANDING OPERATING PROCEDURE

1. General.

a. Purpose. To prescribe methods by which typhoon information will be disseminated and the precautionary measures to be taken to minimize danger to personnel and damage to installations and equipment in the IX Corps area of responsibility.

b. Standard Designations of Typhoon Alert conditions are prescribed as:

- (1) CONDITION III - Winds of fifty (50) knots or more anticipated within forty-eight (48) hours.
- (2) CONDITION II - Winds of fifty (50) knots or more anticipated within twenty-four (24) hours.
- (3) CONDITION I - Winds of fifty (50) knots or more anticipated within twelve (12) hours.
- (4) ALL CLEAR - Typhoon has passed - no further danger.

c. Disaster Plans of all units within the IX Corps area of responsibility will prescribe the action to be taken during Typhoon Alert conditions including arrangements necessary for:

- (1) Protection of personnel, equipment and installations.
- (2) Evacuation of materiel.
- (3) Establishment of emergency medical, transportation, communications, water and power facilities.
- (4) Rescue operations.
- (5) Emergency housing and feeding of personnel.

2. Organization:

a. A coordinating Command Post, to be designated as "Typhoon Station" will be established by this headquarters with telephone numbers as listed in paragraph 5b(2), basic Disaster Plan.

b. All commanders listed below will establish coordinating command posts, designated as "Typhoon Post" when directed by "Typhoon Station":

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ANNEX 1

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1st Cavalry Division (Infantry)  
7th Infantry Division  
7th Infantry Division, Rear  
Executive Officer, Camp Sendai

3. Warnings.

a. G-2 Section, this headquarters, will receive, evaluate and disseminate to appropriate staff sections and to subordinate commands pertinent reports of cyclonic disturbances received from G-2 Section Eighth Army and other reliable sources, throughout the emergency period.

4. Establishment of Typhoon Alert Conditions.

a. Generally Typhoon Alert conditions within IX Corps area will be announced by this headquarters.

b. Division Commanders are authorized and directed to establish Typhoon Alert conditions or more critical alert conditions within their area when the local situation warrants the precautions.

5. Operational Control.

a. When established, Typhoon Station will contact the following IX Corps units and issue the necessary operational instructions:

1st Cavalry Division (Infantry)  
7th Infantry Division  
7th Infantry Division Rear  
Executive Officer, Camp Sendai

b. Typhoon Posts (subparagraph 2b) will become operative on a 24 hour basis upon receipt of instructions from Typhoon Station and will be responsible for the prompt dissemination of messages and instructions received from Typhoon Station.

6. Communications.

a. See Annex No. 3, Signal.

7. When a Typhoon Alert Condition is Announced:

a. CONDITION III

(1) General state of readiness will be established throughout the command.

(2) Personnel will be assigned to specific duties for Typhoon Alert CONDITIONS II and I and familiarized with their assignments. Drills will be held to insure that all concerned are thoroughly familiar with their assignments.

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## ANNEX 1

- (3) Preparations will be made to provide emergency medical, water power and transportation facilities in the event regular facilities are disrupted.
- (4) Report assumption of CONDITION III to Typhoon Station.

### b. CONDITION II.

- (1) Secure all classified documents except those essential for operations. Top Secret, Secret, and Confidential documents will be stored in a place of safekkeeping as defined in AR 380-5. When advisable, other documents and records will be moved to places with adequate protection.
- (2) Place all medical emergency units, signal repair groups, and fire departments on alert status.
- (3) Prepare all buildings not suitable for typhoon shelter for possible evacuation; provide suitable covering and protection for contents.
- (4) Store water supplies; issue emergency type rations to individuals likely to be on duty in isolated areas; prepare for issuance of food, water and bedding to emergency shelters.
- (5) Organize and equip damage and rescue teams for emergency operations.
- (6) Issue final instructions and orders to all military personnel preparatory to assuming CONDITION I.
- (7) Report assumption of CONDITION II to Typhoon Station.

### c. CONDITION I.

- (1) Determine that all requirements of CONDITION II have been met.
- (2) Secure buildings and vital installations within means available.
- (3) Post security guards in vital areas and installations.
- (4) Post emergency operation and rescue crews.
- (5) If a commander decides that evacuation is necessary, evacuate all non-essential personnel to predetermined shelters.
- (6) Issue three days emergency rations where required.

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## ANNEX 1

(7) Report assumption of CONDITION I to Typhoon Station.

### 8. Reports.

a. Subordinate commanders will report the assumption of Typhoon Alert conditions to Typhoon Station.

b. Typhoon casualty reports will be submitted as outlined in paragraph 4a (3), (4) (5) and (6) of basic Disaster Plan. These reports will include cumulative casualty of figures in all reports submitted during the period to prevent misunderstanding of total casualties.

BY COMMAND OF MAJOR GENERAL HOBBS:

PEARSON MENOHER  
Brigadier General, GSC  
Chief of Staff

OFFICIAL:  
*Ward*  
WARD  
B-3

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HEADQUARTERS IX CORPS  
APO 309

ANNEX 2 to OPERATIONAL  
MEMORANDUM NUMBER 70

30 September 1949

TIDAL WAVE WARNING PROCEDURE

1. References.

a. Letter, General Headquarters, Far East Command, AG 000.92 (27 December 1948) GC, 6 January 1949, subject: "Standing Operating Procedure for Dissemination of Tidal Wave Warnings."

b. Letter, General Headquarters, Far East Command, AG 000.92 (27 December 1948) GC-0, 25 April 1949, subject as above.

2. The Commanding Officer, 2143d Weather Wing, is charged, by the above references, with responsibility for disseminating information relative to location, intensity and movement of tidal waves in the Pacific.

3. A tidal wave warning procedure is established to permit receiving commanders to take measures to minimize the loss of life and damages that may result from tidal waves. Since tidal waves travel with great speed, little time will be available for precautionary measures in any case. Warnings will be forwarded with utmost speed. United States Armed Forces Radio Stations will broadcast warnings if practicable.

4. Upon receipt of tidal wave warning through appropriate headquarters, the Communications Center, this headquarters will :

a. Distribute tidal wave warning with precedence "Emergency" (O), to addresses listed in paragraph 5 if a tidal wave of serious or disastrous proportions is forecast.

b. Distribute information messages with precedence "Operational Immediate" (OP) to addresses listed in paragraph 5, if an earthquake of intensity 5 to 6 is reported but no tidal wave of dangerous proportions is predicted.

c. Immediately process the message to AG, Chief Clerk or Staff Duty Officer, this headquarters, if an earthquake of 3 to 4 intensity is reported but no tidal wave is predicted.

5. Addresses to receive tidal wave warnings direct from Communications Center, this headquarters, are:

Commanding General, 1st Cavalry Division (Infantry)  
Commanding General, 7th Infantry Division  
Headquarters, 7th Infantry Division, Rear

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ANNEX 2

Commanding Officer, Transportability Training Center  
AG, this headquarters, who will immediately route and  
deliver warning messages to AC of S, G-2 and G-3.  
Staff Duty Officer, this headquarters, during off-duty hours.

6. During off-duty hours the Staff Duty Officer this head-  
quarters will, upon receipt of tidal wave or earthquake warning  
messages, immediately notify responsible personnel of the Staff  
Sections listed below and personally insure that the Communications  
Center has distributed warning messages to all addresses listed in  
paragraph 5.

Chief of Staff Section  
G-3 Section  
G-2 Section  
G-4 Section

Transportation Section  
Signal Section  
Information Section

BY COMMAND OF MAJOR GENERAL HOBBS:

PEARSON MENOHER  
Brigadier General, GSC  
Chief of Staff

OFFICIAL:  
*Ward*  
WARD  
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ANNEX 2

Commanding Officer, Transportation Training Center  
AG, this headquarters, who will immediately route and  
deliver warning messages to AC of S, G-2 and G-3.  
Staff Duty Officer, this headquarters, during off-duty hours.

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Sections listed below and personally insure that the Communications  
Center has distributed warning messages to all addresses listed in  
paragraph 5.

Chief of Staff Section  
G-3 Section  
G-2 Section  
G-4 Section

Transportation Section  
Signal Section  
Information Section

BY COMMAND OF MAJOR GENERAL HOBBS:

PEARSON MENOHER  
Brigadier General, GSC  
Chief of Staff

OFFICIAL:  
*Ward*  
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HEADQUARTERS IX CORPS  
APO 309

ANNEX 3 to OPERATIONAL  
MEMORANDUM NUMBER 70

30 September 1949

SIGNAL

1. a. This plan provides for the re-establishment of communications which may be disrupted in the IX Corps area of responsibility by a disaster in the form of flood, earthquake, tidal wave, typhoon, blizzard, fire, volcanic eruption or other major emergency.

b. When disruption of communications between Headquarters Eighth Army and Headquarters IX Corps results from a disaster, Headquarters Eighth Army will establish the following emergency means of communication with this Headquarters:

- (1) Rail Messenger Service
- (2) Air Courier as provided in Eighth Army SSI Item No. 54 current series.
- (3) One CW Manual radio circuit
- (4) One VHF Circuit
- (5) One radioteletype circuit

2. a. In event of a disaster where communications are disrupted within the IX Corps area of responsibility, affected units will immediately establish communications to higher and subordinate headquarters using the following applicable means in order of priority indicated:

- (1) Messenger Service
- (2) CW Manual Radio
- (3) VHF: Voice and Teletype Service
- (4) Radio Teletype
- (5) Japanese Government Telephone and Telegraph

b. The commander concerned will immediately survey damage to the communications system and will salvage and expedite restoration of damaged plant equipment in order to provide administrative and tactical telephone communication service. Those units which normally operate and maintain terminal facilities such as CW radio, VHF and Radio Teletype circuits will restore and maintain such facilities as soon as practicable after disruption by a disaster. IX Corps will be notified as soon as possible by any available means of items required to enable restoration of facilities.

3. a. 62d Signal Battalion will:

- (1) In event of damage or destruction to communications facilities at Headquarters IX Corps and/or Camp Sendai, install, operate and maintain

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without delay at an emergency Communications Center Site sufficient equipment to provide the following facilities as applicable:

- (a) One (1) message center truck with necessary cryptographic systems.
- (b) One (1) telephone exchange truck equipped with two operating positions, main frame and necessary operating accessories, with locals to all essential offices and activities.
- (c) Two (2) complete SCR-399 radio sets operating CW circuits as follows:
  - 1 Command purposes with Eighth Army (Army net)
  - 2 Command purposes with the 1st Cav Div and the 7th Inf Div (Corps Net)
- (d) One (1) SCR-193 and one (1) SCR 542 or similar radio for operation with the Corps liaison aircraft. Frequencies and call signs will be used as outlined in Corps SOI Item 37 current series.
- (e) Establish motor messenger service at the emergency Command Post to operate to the rear echelon 7th Inf Div, the Tohoku Civil Affairs Region, and to all IX Corps units in the Sendai Area.
- (f) Establish railroad messenger service to the 1st Cav Div, and the 7th Inf Div. Sufficient personnel will be provided to allow two messengers to travel together during hours of darkness and while traveling by rail.
- (g) Install signs reading "Emergency IX Corps Message Center" along main routes leading to the Emergency Communication Center site as soon as emergency communication center is in operation.
- (h) Restore, operate and maintain one VHF circuit to each of the following:
  - 1 Headquarters Eighth Army
  - 2 Headquarters 7th Infantry Division

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- (i) Restore, operate and maintain one radio teletype circuit to each of the following:
- 1 Headquarters Eighth Army
  - 2 Headquarters 7th Infantry Division
- (j) Restore or install a minimum of two (2) telephone circuits to Sendai Toll.
- (2) Be prepared to assist the disaster area Commander in areas under direct control of the Commanding General, 1st Cavalry Division and 7th Infantry Division with all means available in establishing emergency means of communication within the disaster area and between the disaster area commander and higher headquarters.
- (3) Be prepared on order of Commanding General, IX Corps to:
- (a) Operate and maintain means of communications installed in the Communications Car for an extended period of time.
  - (b) Provide and load thirty (30) miles of assault wire and thirty (30) loading coils.
  - (c) Provide and load two (2) trucks,  $\frac{1}{4}$  ton, 4 x 4, with SCR-193's or equivalent on a high speed flat car to be obtained from 3d MRS and attached to the Communications Car.
  - (d) Provide two (2) SCR 300's or equivalent for the Communications Car.
  - (e) Upon arrival of the Communications Car at a town nearest the scene of disaster from which wire facilities to a Military Headquarters exist:
    - 1 Enter the Corps CW Radio Net.
    - 2 Establish radio communications by means of vehicular mounted and/or back packed radios between the Command Party in the affected area and Communications Car.

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**RESTRICTED** Install two telephone circuits between the disaster CP and Communications Car if within range of loaded assault wire.

4 Install three (3) telephone circuits between Communications Car Switchboard and nearest telephone exchange.

5 Install one (1) teletype circuit from Communications Car to nearest teletype facility.

b. The 1st Cavalry Division will:

- (1) Be prepared to handle high precedence traffic between 1st Cav Div and Headquarters IX Corps by manual CW radio.
- (2) Be prepared to operate with Corps liaison aircraft. Frequencies and call signs will be used as outlined in Corps SOI Item 37 - current series.
- (3) Provide messenger service between Headquarters 1st Cav Div, subordinate units and Kanto Civil Affairs Region.

c. c. The 7th Infantry Division will:

- (1) Be prepared to handle high precedence traffic between 7th Infantry Division and Headquarters IX Corps by manual CW radio.
- (2) Direct the 7th Division Rear, 7th Division Artillery, and 32d Infantry Regiment to be prepared to enter the IX Corps C.W. Radio Net.
- (3) Be prepared to operate with Corps liaison aircraft. Frequencies and call signs will be used as outlined in Corps SOI Item 37 - current series.
- (4) Provide messenger service between 7th Infantry Division, subordinate units and Hokkaido Civil Affairs Region.
- (5) Restore, operate and maintain without interruption Hokkaido portion Sondai - Camp Crawford VHF circuit.
- (6) Restore, operate and maintain radio teletype circuit to Headquarters IX Corps.

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ANNEX 3

## d. IX Corps Airplane Messenger Service:

(1) Corps liaison airplanes will be made available for messenger service to units located in vicinity of landing facilities. Number of planes available will be reported by G-3, IX Corps.

(2) Air Ground Communication will be established. See IX Corps SOI Item 37 current series for frequency and call word assignments.

x. (1) Custodians of codes and ciphers will take necessary action to secure and safeguard all cryptographic systems.

(2) Liaison communication will be established with Japanese Communications Committee without delay. Japanese Disaster Law requires that such a committee be established in the affected area. Subordinate units will include in their Disaster Communication Plans, provisions for liaison communication with appropriate Japanese Communication Committee during emergencies and disasters.

(3) All signal Officers of this Headquarters and all officers of the 62d Signal Battalion will become thoroughly familiar with this plan. It is imperative that each new officer who joins becomes thoroughly familiar with this plan.

4. a. Signal construction personnel and vehicles will have priority on roads.

b. Equipment and supplies necessary for restoration of signal communications will be supplied insofar as possible from that on hand in the unit.

c. Emergency requisitions for additional equipment and supplies will be forwarded this Headquarters by the fastest possible means.

d. Damage to fixed communication facilities (Class IV Projects and Japanese Commercial) will be reported within three (3) days through technical channels to Signal Officer, IX Corps. Reports will indicate the exact nature of damage sustained as well as a detailed estimate of the repair or replacement cost.

5. a. Current Index, IX Corps, SOI and SSI apply.

b. Immediately upon receipt of information concerning a disaster the following personnel will report to the Signal Office,

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IX Corps Headquarters building or emergency communication center site in vicinity of IX Corps Headquarters building as applicable:

- (1) Signal Officer, IX Corps
- (2) Asst Signal Officer, IX Corps
- (3) Telephone Engineer, IX Corps
- (4) CO, 62d Signal Battalion or representative
- (5) Post Signal Officer, Camp Soudai
- (6) Cryptographic Security Officer, IX Corps

BY COMMAND OF MAJOR GENERAL HOBBS:

PEARSON MENOHER  
Brigadier General, GSC  
Chief of Staff

OFFICIAL::

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HEADQUARTERS 2X CORPS  
APO 309

ANNEX 5 to OPERATIONAL  
MEMORANDUM NUMBER 70

30 September 1949

LOGISTICS

1. Purpose: The instructions set forth herein are for planning purposes in the further development of the supply and evacuation support required to meet the sudden and urgent conditions which prevail in event of a disaster, particularly during the early phase. Since earthquakes, volcanic eruptions, typhoons, floods and fires are usually accompanied by a disruption of communications, disorder, some degree of panic and looting and agitation by subversive elements, it is imperative that all logistical planning attains maximum delegation of responsibility to the commander of the immediate disaster area.

2. Pre-disaster Planning: Immediate action will be taken by responsible headquarters to include, but not be limited by, the following essential supply and evacuation features in the detailed development of their disaster plans:

a. Provide each separate dependent home or troop billet in isolation areas, and in other areas if appropriate, with a crow bar, pipe or similar improvised tool for the purpose of prying a way out of the structure in case exits become blocked.

b. Provide each separate dependent home or troop billet in isolated areas, and in other areas if appropriate, with a suitable first aid kit including water purification tablets.

c. Stocks of reserve rations will be dispersed so as to meet initial food requirements in the stricken area and preclude the loss of the entire reserve stock, particularly in isolated areas.

d. Provisions will be made for the prompt movement of tentage, rations, medical supplies, tools, POL, water purification equipment and materials, insect and rodent control equipment and materials, and clothing for protection and re-outfitting of all United Nations Nationals in the stricken area. Necessary operating personnel including a Medical Section, Engineer Detachment and Military Police should accompany the above equipment and supplies. Plans will be adjusted to all modes of transport including rail, water, air and cross country, marching (back-pack) or a combination of these depending on the existing situation.

e. A simple traffic control plan is essential as well as military police support in the interest of good order and the prevention of theft and pilferage.

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## ANNEX 5

f. Provisions will be made for a light motor convoy ( $\frac{1}{4}$  ton and  $\frac{3}{4}$  ton trucks) to operate, if necessary, from a temporary rail, truck or aid head to the scene of the disaster.

g. Provisions will be made for sanitation, including facilities for washing and bathing, in the stricken area. Separate facilities will be provided for United Nations Nationals and the Japanese Nationals. The provisions of FM 21-10 will be used as a guide and sanitary measures will meet the minimum standards, or better, set forth therein.

h. Arrangements will provide that requests from the Japanese for equipment and supplies will clear with or meet the approval of the local disaster commander prior to processing to higher headquarters for approval.

i. Arrangements will be made with appropriate local 3rd MRS representatives for emergency use of rail transportation for the movement of supplies and personnel to the stricken area. Tentative plans should be made to include train composition, railhead and route.

j. Supply agencies will insure expeditious action on emergency requisition.

3. Advance Party: The assistant Chief of Staff, G-4, or his representative will be a member of the advance party and will plan in advance the initial supplies, including communications, subsistence, etc., required for the advance party according to the mode of transport employed to reach the scene of disaster.

4. IX Corps Control: In event the disaster is of such nature or magnitude that this headquarters assumes command (see par 3c, Incl 1) the following logistical teams will be prepared to move on orders to the scene of the disaster.

a. Emergency Medical Teams, consisting of two (2) officers and two (2) enlisted technicians each of the 172d and 161st Station Hospitals depending on the locality. Emergency kits and supplies will accompany the teams.

b. Engineer Team of one (1) officer and five (5) enlisted men with water purification equipment and supplies, tools and demolitions. (Responsibility of 533rd Engr Const Group)

c. Ordnance Maintenance Team of three (3) enlisted technicians together with tools and repair parts, particularly an ample supply of tire repair kits and patches. (Responsibility of 49th Ord MM Co.)

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ANNEX 5

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d. Quartermaster Supply Detachment of one (1) officer and three (3) enlisted men together with tentage, clothing and rations for the immediate needs of United Nations Nationals in the stricken area. (Responsibility of Executive Officer, Camp Sonda.)

e. Military Police Detachment of one (1) officer and twelve (12) enlisted men. (Responsibility of IX Corps Military Police Plat.).

f. A light motor convoy consisting of twelve (12) 1/4 ton and/or 3/4 ton vehicles from the IX Corps Motor Pool with one (1) motor officer and drivers. (Responsibility of Hq Co IX Corps).

g. Troops moving into the area affected by the disaster will carry the following minimum supplies:

Class I (Emergency rations) 2D/S  
Class II (Water purification chemicals) 2D/S  
Class III (POL) 5 D/S  
Class V (Small arms) 1 U/F

5. Local Resources: Maximum use will be made of local materials, supplies, equipment and Japanese labor including Japanese civilian police in the security of supply dumps, and facilities.

BY COMMAND OF MAJOR GENERAL HOBBS:

THOMAS S. PEARSON  
Major General PEARSON MENOHER  
Brigadier General, GSC  
Chief of Staff

OFFICIAL:  
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HEADQUARTERS IX CORPS  
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ANNEX 6 to OPERATIONAL  
MEMORANDUM NUMBER 70

30 September 1949

CIVIL AFFAIRS

1. Civil Affairs units, due to their normally isolated location, are vulnerable to being cut off from immediate outside assistance in case of sudden disasters such as flood, typhoon, earthquake, riot, fire or volcanic eruption. It is, therefore, essential that they be prepared to take instant action to provide for the safety and comfort of their personnel and other United Nations' Nationals residing in their immediate vicinity. In view of the foregoing, the Commanding Officer of each Civil Affairs unit in the IX Corps area of responsibility will prepare an Annex to the unit Disaster Plan establishing procedures to accomplish the following:

a. Immediate Independent Unit Action - Provide for the safety of unit personnel and United Nations' Nationals who may be in the stricken area, i.e., security, rescue operations, emergency treatment and evacuation, to include alternate assembly areas both immediate and more remote, the latter to be accessible by vehicles over well reconnoitered routes which are familiar to selected drivers.

b. Notification to Higher Headquarters and/or Adjacent Civil Affairs Units or Tactical Units - Alert communications personnel in the area and report whether the disaster is impending or has occurred and give information concerning location, magnitude, extent of damage, if any, action being taken by your unit, supplies or materials needed for your unit or for the area and future plan of action. (Anticipate communication interruptions and plan to use messengers).

c. Operating Personnel - Designate specific individuals to be responsible for the movement of personnel to safe areas and designate certain other individuals to remain in or proceed to the disaster area with such implements and defensive arms as the exigency of the situation may require.

d. Emergency Rations and Equipment - Maintain authorized emergency ration levels and have readily available for use such items as crowbars, axes, picks, shovels, wire cables, rope, wire, lanterns, etc., which are most serviceable in rescue work or for security.

e. Surveillance of Japanese Government Activities - Having made the personnel of the unit secure, or removed them from the threatened area, contact the prefectural officials and take action to see that they proceed, without delay, in the implementation of their Disaster Plan and in the enforcement of law and order.

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ANNEX 6

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2. Inter-Unit Coordination - Direct communication is authorized for the purpose of contacting the commanding officer of adjacent military government or tactical units for exchanging information and making mutual plans concerning emergency shelter or aid. Agreements reached will be made of record in the Annex of each Civil Affairs Unit's Disaster Plan so that at all times it will be available for ready reference to all concerned.

BY COMMAND OF MAJOR GENERAL HOBBS:

PEARSON MENOHER  
Brigadier General, GSC  
Chief of Staff

Appendix A - Checklist

OFFICIAL:

WARD  
G-3

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APO 309

APPENDIX A, to ANNEX 6, of  
OPERATIONAL MEMORANDUM NO. 70

30 September 1949

CHECK LIST FOR EVALUATING  
JAPANESE PREFECTURAL DISASTER PLANS

\_\_\_\_\_ Prefecture  
\_\_\_\_\_ 19 \_\_\_\_\_

ADMINISTRATION

1. ORGANIZATION

- |  | <u>Yes</u> | <u>No</u> |
|--|------------|-----------|
| a. Is the Governor in charge of disaster operations?   | ---        | ---       |
| b. Does he have a Deputy Assistant?  | ---        | ---       |
| c. Is the prefecture disaster planning board organized in accordance with the provisions of the Disaster Law?    | ---        | ---       |
| d. Has a working committee been set up from the Prefecture Disaster Planning Board?                              | ---        | ---       |
| e. Does the Board include key prefectural officials?   | ---        | ---       |
| f. Has the Japan Red Cross been organized and coordinated in order to carry out their obligations under the law? | ---        | ---       |
| g. Are provisions made for a Field Headquarters for officials in time of disaster?                               | ---        | ---       |

2. LIAISON AND REPORTING

- |   |     |     |
|---|-----|-----|
| a. Is there liaison with the Occupation Forces?                         | --- | --- |
| b. Is there liaison with the Japan Red Cross?                           | --- | --- |
| c. Is there a plan for inter-prefectural aid?                           | --- | --- |
| d. Are emergency channels of communication provided?                    | --- | --- |
| e. Are procedures established for reporting to the Japanese Government? | --- | --- |

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Appendix A

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Yes NO

- f. Will chronological records of events of the disaster operations be kept?
- g. Will an evaluation of the operation be made?
- h. Will the Disaster Plan be revised to correct weaknesses discovered during the disaster?

### 3. SUPPLIES

- a. Is there coordination of requests for supplies during an emergency to prevent duplication?
- b. Is emergency transportation provided?

## PHASES OF A DISASTER OPERATION

### 1. PREPAREDNESS PHASE

Yes No

- a. Have the disaster hazards been studied?
- b. Will the plan be revised periodically?
- c. Has plan for utilizing the disaster relief operating team been sent to the Welfare Ministry as required by the disaster law?
- d. Is training provided for responsible disaster workers?
- e. Is provision made to publicize safety precautions?

### 2. ALERTING PHASE

- a. Will the meteorological officials advise the prefecture of approaching disaster?
- b. Is there a system for alerting the responsible officials?
  - ...subordinate department workers?
  - ...Municipal and town officials?
  - ...Japan Red Cross officials?
- c. Will disaster warnings be publicized?
- d. Will disaster warnings be broadcast by radio?
- e. Are provisions made to use emergency communication channels?

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Appendix A

Yes   No

f. Will evacuation of threatened areas be supervised?

—   —

By the police?

—   —

3. EMERGENCY AND REHABILITATION PHASES

a. Police Officials? Do they have the following duties:

(1) Maintain law and order?

—   —

(2) Survey and report damage?

—   —

(3) Direct rescue work?

—   —

(4) Control traffic, including spectators?

—   —

(5) Guard weakened bridges, broken power lines, and other hazards?

—   —

(6) Check disaster-caused blackmarket activity, profiteering and looting?

—   —

(7) Supervise the work of the emergency auxiliary police?

—   —

Train the auxiliary police prior to the disaster?

—   —

(8) Report all developments to disaster headquarters?

—   —

(9) Is the police function limited to the above duties?

—   —

b. Fire Officials: Do they have the following duties?

(1) Publicize fire prevention measures?

—   —

(2) Inspect community periodically for fire hazards

—   —

Enforce elimination of these hazards?

—   —

(3) Recommend construction of sumps and jetties where needed?

—   —

(4) Provide for daily check of ..water pressure?

—   —

... fire-fighting equipment?

—   —

... Special rescue equipment?

—   —

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Appendix A

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Yes   No

- (5) Fight fires? \_\_\_ \_\_\_
- (6) Rescue people trapped in burning areas? \_\_\_ \_\_\_
- (7) Request police assistance to control traffic? \_\_\_ \_\_\_
- (8) Report all developments to disaster headquarters? \_\_\_ \_\_\_
- (9) Plans for clearing of fire breaks? \_\_\_ \_\_\_
- c. Health and Sanitation Officials: Do they have the following duties?
- (1) Organize and supervise medical relief squads? \_\_\_ \_\_\_
- (2) Establish first aid stations? \_\_\_ \_\_\_
- (3) Hospitalize critically injured? \_\_\_ \_\_\_
- (4) Coordinate program with Japan Red Cross work? \_\_\_ \_\_\_
- (5) Test representative samples of drinking water for purity? (Sample to be submitted by Civil Engineer officials). \_\_\_ \_\_\_
- (6) Take precautions against epidemics? \_\_\_ \_\_\_
- (7) Establish medical supply points to serve first aid teams? \_\_\_ \_\_\_
- (8) Coordinate requests for medical supplies? \_\_\_ \_\_\_
- (9) Arrange for repair of sewage lines or other sanitation facilities? \_\_\_ \_\_\_
- (10) Report all developments to disaster headquarters? \_\_\_ \_\_\_
- d. Welfare Officials: Do they have the following duties:
- (1) Provide the following emergency relief supplies:
- Food? \_\_\_ \_\_\_
- Clothing? \_\_\_ \_\_\_
- Blankets and bedding? \_\_\_ \_\_\_

**RESTRICTED**



**RESTRICTED**

Appendix A

		v	w
	Sholter?	—	—
	Fuel?	—	—
(2)	Provide burial expense?	—	—
(3)	Provide rehabilitation?	—	—
(4)	Report all developments to disaster head- quarters?	—	—
e.	Economics Officials: Do they have the following duties:		
(1)	Coordinate request of JG, CA, and SCAP for addi- tional commercial supply of:		
	Normal ration items?	—	—
	Building materials?	—	—
	Gasoline and oil?	—	—
	Fishing equipment?	—	—
	Farming equipment?	—	—
(2)	Submit estimates of long-term supply needs?	—	—
(3)	Cooperate with police in checking disaster- caused blackmarket activities and profiteering?	—	—
(4)	Report all developments to disaster head- quarters?	—	—
f.	Civil Engineers: Do they have the following duties:		
(1)	Water supply:		
(a)	Patrol reservoirs, pipe lines, etc., against contamination?	—	—
(b)	Plan alternate source of supply?	—	—
(c)	Establish water supply points in extreme emergencies?	—	—
(d)	Submit representative samples of drinking water to Health Officials for bacterio- logical testing?	—	—
(e)	Supervise purification of water?	—	—

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Appendix A

	<u>Yes</u>	<u>No</u>
(f) Restore <b>RESTRICTED</b> system as rapidly as possible?	---	---
(2) Roads and bridges:		
(a) Dispatch work crews to reopen essential highways and bridges?	---	---
(b) Determine maximum load which remaining bridges can carry?	---	---
(c) Give this information to the police?	---	---
(d) Repair roads and bridges as rapidly as possible?	---	---
(3) Harbor facilities (if available):		
(a) Restore maritime warning devices (bouys, blinkers, etc.)?	---	---
(b) Locate beaches suitable for landing emergency supplies?	---	---
(c) Repair lighters if docks are unserviceable?	---	---
(d) Restore cranes and allied equipment?	---	---
(e) Reestablish normal operations as rapidly as possible?	---	---
(4) Landing fields (if available):		
(a) Prepare landing strip for emergency use?	---	---
(b) Repair damaged equipment?	---	---
(c) Restore markings, wind sleeve, etc?	---	---
(5) Flood Control:		
(a) Plans for emergency repairs to levees in case of impending floods?	---	---
(b) Plans for utilizing all available craft for rescue in event of floods and tidal waves?	---	---
(6) Report all developments to disaster headquarters?	---	---



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g. In addition to the specific duties outlined above the Civil Engineer officials should be prepared to assist the following utilities if a specific request is received from the responsible officials. These utilities are controlled by the national government rather than the prefectural government:

	<u>Yes</u>	<u>No</u>
(1) Railroads:		
(a) Provide workers?	---	---
(b) Provide equipment and reconstruction material?	---	---
(c) Arrange emergency transportation to evacuate injured in case of a train wreck?	---	---
(2) Electrical system:		
(a) Provide workers?	---	---
(b) Provide equipment and reconstruction material?	---	---
(c) Report power line breaks?	---	---
(d) Assist in setting up emergency generators?	---	---
(3) Gas:		
(a) Provide workers?	---	---
(b) Provide equipment and reconstruction material?	---	---
(c) Report leaks in storage tanks, pipe lines, etc.?	---	---
(4) Telephone and Telegraph:		
(a) Provide workers?	---	---
(b) Provide equipment and reconstruction material?	---	---

BY COMMAND OF MAJOR GENERAL HOBBS:

PEARSON-MENOHER  
Brigadier General, GSC  
Chief of Staff

OFFICIAL:  
*Ward*  
WARD  
G-3

**RESTRICTED**



**RESTRICTED**

HEADQUARTERS  
YOKOHAMA COMMAND  
APO 503

OPERATIONAL DIRECTIVE)

17 September 1949

NUMBER

2 )

DISASTER PLANS

Paragraph 7c, Annex II, Operational Directive #1, this headquarters, 22 August 1949, is rescinded and the following substituted therefor:

"7c. Property damage reports will be prepared by all units listed in paragraph 2 a, basic disaster plan, and submitted as shown below. Reports will indicate exact nature of the damage sustained as well as detailed estimates of repair or replacement cost. Direct communication with appropriate technical services of this headquarters is authorized for assistance in preparing reports. Commanders of units or officers in charge of sections listed in paragraph 2 a (1) through (10), basic disaster plan, will report property damage direct to the appropriate technical service of this headquarters within five (5) days after the storm has passed, with a copy to this headquarters, attention S-4 Section. Commanders of units listed in paragraph 2 a (11) through (26), basic disaster plan, will report property damage through their normal technical supply channels within ten (10) days after the storm has passed, with a copy to this headquarters, attention S-4 Section.

- (1) Damage to completed buildings and utilities will be reported through Engineer technical channels. The Engineer, this headquarters, will consolidate Engineer reports from this command and forward to the Army Engineer within ten (10) days after the storm has passed.
- (2) Damage to organizational property will be reported by the organization concerned, classified as to type of property, through technical channels. (i.e. Quartermaster, Ordnance, Transportation, etc., to appropriate technical staff section of this headquarters). Appropriate staff section of this headquarters will consolidate reports for their technical service, received from units of this command, and forward to their counterpart technical service in Headquarters, Eighth Army, within ten (10) days after the storm has passed.
- (3) Damage to fixed communications (Class IV Project and Japanese Commercial) will be reported through technical channels to Army Signal Officer.

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Operational Directive Number 2 , Hq Yokohama Command, 17 Sep 49, Cont'd.

- (4) Damage to property of supply agencies or technical services, which is stored in depots or supply points, will be reported by the depot or supply point commander in accordance with above procedures."

CRUMP GARVIN  
Brigadier General, USA  
Commanding

OFFICIAL:

*Troiano*

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S-3

DISTRIBUTION:

"A" and "D" plus:  
10-40th AAA Brigade  
2-1st Cavalry Division  
2-ea unit listed below  
Eighth Army Special Troops  
229th Ordnance Depot  
5th Medical Depot  
10th Chemical Base Depot  
Yokohama Engineer Depot  
3rd Mil Rlwy Sv  
72nd Sig Sv Bn  
304th Sig Opn Bn  
Eighth Army Central Exchange Det  
Yokohama ARC  
8234th Service Detachment (FEC Printing Plant)  
Yokohama Signal Depot  
94th Eng Maint Co  
TI & E Depot  
TQM POL Installation  
TQM Cold Storage Plant  
5-G-3 Section, Hq Eighth Army

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*Received*  
HEADQUARTERS  
KANAGAWA CIVIL AFFAIRS TEAM  
APO 503

OPERATIONAL MEMORANDUM:  
NUMBER.....1

31 August 1949

DISASTER PLAN

*Kanagawa*  
*OD 1*

1. References:

- a. Operational Directive No. 37, Hqrs Eighth Army, 13 July 1949
- b. Operational Directive No. 1, Hqrs Yokohama Command, 22 Aug 49
- c. Operational Memorandum No. 3, Hqrs 1st Cav Div, 26 July 1949
- d. Operational Memorandum No. 4, Hqrs 5th Cav ~~Div~~, 23 May 1949
- e. Kanagawa Prefecture Disaster Plan (Annex No 1 hereto)

2. Kanagawa Prefecture is divided into three tactical and/or administrative areas of responsibility. Plans issued by this headquarters are coordinated with those listed under par 1 a, b and c and d, above, in areas as follows:

- a. Yokohama Metropolitan Area - CG, Yokohama Command
- b. Yokosuka Naval Area - Commander, Fleet Activities, US Navy
- c. Kanagawa Prefecture (less areas indicated above) - CG, 1st Cav Div, and CO, 5th Cav Regiment

3. This memorandum will govern the action of this team in the event of earthquake, flood, tidal wave, typhoon, volcanic action, and combinations of any of these events.

4. Upon declaration of an emergency in all or any part of the prefecture, the prime responsibility of this team will be as follows:

a. Liaison between all Occupation Forces and Japanese Prefectural Government relief agencies in providing relief to other than Occupation personnel, except when communication failures prevent. Close cooperation with the administrative and/or tactical commanders in the affected areas is essential.

b. The Japanese Government will assume full responsibility for the relief of all affected indigenous persons, with the minimum assistance and direction from Occupation Forces. Such assistance and direction will be offered only when the Japanese Government and local officials are unable to meet emergency relief needs.

c. Close surveillance of the work of Japanese officials in the areas affected by a disaster. Prompt and continuing information to the Commanding General Eighth Army, of the extent of the damage, the number of casualties reported and the activities of cooperating private welfare agencies, such as the Japanese Red Cross.

d. Assurance that the prefectural officials do not shift governmental responsibilities in time of disaster to private or quasi-governmental agencies, except as provided for in the Disaster Relief Law.

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*Rest of page 2*

Operational Memorandum No. 1, KCAT, APO 503, 31 Apr 49, Cont'd

e. Advise the CG, 8th Army, by the fastest means possible, of supplies and services required to alleviate the effects of the disaster on the civilian population in the area, listing the needs in the order of priority, giving the following information:

- (1) Items
- (2) Quantity
- (3) Nearest known source of supply (military or civilian)
- (4) Mode of transport (rail, truck, air)
- (5) Routing (if normal routing is impossible)

f. In the course of disaster operations, report to the CG, 8th Army all supplies used and services rendered in the area, as follows:

- (1) Items
- (2) Quantity
- (3) Source
- (4) Amount needed in addition to that received

5. In the event of an emergency as described in par 3, above, all personnel will, if not already present, report to their normal place of duty. All others not normally on duty will report to Team Headquarters or CP, as established by other instructions.

6. Liaison officers, to be designated, will immediately procure transportation and report to the headquarters of the following units without delay. The liaison officer to Headquarters, Yokohama Command, will be accompanied by an enlisted man designated for that duty as liaison messenger:

- a. Headquarters, Yokohama Command, Yokohama
- b. Headquarters, Commander Fleet Activities, Yokosuka
- c. Headquarters, 5th Cavalry, Camp McGill

7. The Kanagawa Prefectural Disaster Relief Planning Board, appointed by the Governor, Kanagawa Prefecture, has been approved. This Board accomplishes surveys of facilities, buildings, location and stocks of food, clothing, medical supplies, etc., keeping these surveys up to date, and reporting same to this headquarters at the earliest practicable date after the disaster has occurred.

BY ORDER OF COLONEL KEATLEY:

*Walon N. Hicks*

WALON N. HICKS  
WOJG USA  
Adjutant

4. Enclosures:
- Annex 1-KCAT Disaster Plan
  - Annex 2-Yokohama Command Intelligence Plan
  - Annex 3-Yokohama Command Disaster SOP
  - Annex 4-Yokohama Command Medical Disaster Plan



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HEADQUARTERS  
KANAGAWA CIVIL AFFAIRS TEAM  
APO 503

ANNEX 1, OPERATIONAL MEMORANDUM  
NUMBER.....1

31 August 1949

DISASTER PLAN

1. The following detailed instructions, additional to Cpn Memo No. 1, are issued for the guidance and compliance of all concerned. These instructions are designed to amplify the general plan of operations for this headquarters in the event of a disaster affecting any or all of this prefecture.

a. The command post for this headquarters will remain in this building, unless it is rendered untenable. If rendered untenable during duty hours, the building will be evacuated at once, following the procedure already established for fire drills, which are now posted on each floor. A temporary headquarters will then be established in the detachment area, or at such other place as is made available by the area Commander or as directed by the Commanding Officer.

b. Liaison officers will be designated upon receipt of an alert or warning and will then proceed without delay by motor vehicle to the headquarters indicated for duty as liaison officer for this team.

- (1) To Headquarters, Yokohama Command
- (2) To Headquarters, Commander, Fleet Activities, Yokosuka
- (3) To Headquarters, 5th Cavalry, Camp McGill

c. The following numbered trucks, 1/4 ton, C&R, will be dispatched to the officers listed above, as follows:

- (1) Vehicle No. 3, to Liaison Officer, Headquarters Yokohama Command
- (2) Vehicle No. 4, to Liaison Officer, Commander Fleet Activities Yokosuka
- (3) Vehicle No. 5, to Liaison Officer, Camp McGill

(These vehicles will, unless otherwise directed, proceed to C.P. this headquarters, to be reported to the officers indicated, without delay. Should any or all of these vehicles be on dispatch at the time of emergency, other vehicles will be substituted by the Motor Off).

d. The personnel sergeant is designated as liaison messenger to accompany the liaison officer to Hqrs, Yokohama Command; should he be absent or otherwise unable to report, a substitute will be designated by the Adjutant.

e. Conditions permitting, all personnel, other than listed above, will pursue their normal duties. Enlisted personnel assigned to the C I & Q Section, not on duty will report to the detachment orderly room w/o delay. Officers assigned to that section, not on duty, will report to this headquarters w/o delay. Telephone numbers of each section are indicated below:

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ANNEX 1 to OPERATIONAL MEMORANDUM NO 1, KCAT, 31 Aug 49, Cont'd

	<u>Office</u>	<u>Quarters</u>
Command	2-0559; 2-0579	2-5545
Administration	2-0301; 2-0303	2-4068
Economics	2-0577; 2-0578	2-4864
Public Health	2-5881; 2-1697	2-4857
Public Welfare	2-1697; 2-5881	2-4028
Civil Education	2-4807; 2-5890	2-0739
Civil Information	2-0569; 2-0953	2-0703
Legal & Govt	2-1641; 2-1742	2-5765
Labor	2-0359; 2-0840	2-1004
Hq Det	2-1948; 2-6689	2-6582
Motor & Supply	2-4388; 2-4154	2-0943

2. The following assignment of responsibilities, distributed among the sections of this team, is made so each section will be aware of them and then establish further distribution of duties, within the section, if necessary.

a. **LEGAL AND GOVERNMENT:** Liaison with municipal police, Fire Department and National Rural Police. Assure that special precautions are taken by the Japanese Government to supplement guards at all reparation installations in the affected areas, warehouses and other critical points (power stations, etc).

To report and maintain surveillance of incidents indicating attempts of subversive elements to assume control and authority of the civil government.

Maintain situation maps of affected area(s) to show condition of communication and/or transportation facilities.

b. **PUBLIC HEALTH:** Liaison in all matters of Public Health, to include needs for medical supplies for civilian population, and to prepare reports to the CG 8th Army of these needs, showing priority etc, as required by par 4 d, Opn Memo No. 1, this Hqrs, dated 31 August 1949.

Maintain surveillance of activities in all matters of public health with special emphasis as to water supply, establishment of emergency water point and necessary repairs to water lines.

Maintain reports of all medical supplies used and services rendered in relief of disaster, indicating source, etc, as required by par 4 e, Opn Memo No 1, this Hqrs, dated 31 August 1949.

Maintain surveillance of Japanese medical squads and Red Cross squads.

c. **PUBLIC WELFARE:** Maintain continuous contact with Prefectural Disaster Relief Planning Board, through the Chief, Prefectural Department of Public Welfare. Special attention will be paid to action by this board to keep the Disaster Plan up to date, and that revisions, changes and additions are made as required.

Maintain close surveillance of the work of Japanese welfare officials in the disaster area to assure that private welfare activities are coordinated with those of public agencies and that Prefectural responsibilities are not shifted thereto.

Receive, consolidate and forward requests for welfare supplies from Japanese Public Welfare General Affairs Department, in the form required by par 4 d, Opn Memo No. 1, this Hqrs, dated 31 August 1949.

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ANNEX 1 to OPERATIONAL MEMORANDUM NO 1, KCAT, 31 Aug 49, Cont'd

Require Japanese officials to maintain and submit reports of welfare supplies used and services rendered in relief of disaster, indicating source, etc. as required by par 4 e, Opn Memo No. 1, this Hqrs, dated 31 Aug 49.

d. LABOR SECTION: Maintain surveillance of the Public Employment Security Office regarding the following:

- (1) Recruiting of workers in each branch PESCO office.
- (2) Compile ledgers of available laborers and technical workers.
- (3) Determine labor requirements and establish job priorities.
- (4) Determine number of mobilizable workers.
- (5) Enlist the aid of civil engineering and architectural contractors and builders.
- (6) Coordinate labor procurement with the Civil Engineering Department of the Prefectural Govt.

Ensure that the Labor Policy Bureau and Labor Standards Bureau are in readiness to act on call from the Governor of the Prefecture.

Assure that the Prefectural Government, through the Labor Section, maintains communication with the Central Government, and is prepared to requisition, if necessary, additional laborers and technicians from outside areas.

Require the Chief, Prefectural Labor Section, to submit reports as to the use and disposition of supplied labor.

e. ECONOMICS SECTION: Surveillance of Japanese agencies receiving and storing incoming relief supplies, principally water.

Surveillance of the Food Kodan and Distribution officials in handling of indigenous supplies. Maintain record of food distribution points, food storage warehouses, showing kinds and quantities at each.

Maintain surveillance over reparation plants, equipment, etc.

Maintain liaison with Kanto Haiden to facilitate repairs to power lines, particularly to hospitals, and for power purposes such as for rail transportation, drainage stations, etc.

Review reports of supplies needed to advise as to supply of critical materials, especially those in short supply.

Maintain surveillance of available Japanese transportation and the use thereof. Coordinate Occupation requirements with the Japanese.

f. CUSTOMS, IMMIGRATION AND QUARANTINE SECTION.

Instruction to all US Personnel of the C I & Q Section.

Personnel on duty at Haneda Air Port will remain on duty until further orders. Such personnel on duty will comply with disaster procedures for the airport until relieved. Personnel of the Haneda complement not on duty at the time of disaster will report to Headquarters Kanagawa Civil Affairs Team, Katakura Bldg. as soon as possible, day or night, and standby for further orders.

Personnel on duty at the Port of Yokohama will remain on duty until further orders are issued. Personnel not on duty will report to Det. Orderly Room, and standby for further orders.

Personnel of the Haneda and Port offices on duty would take immediate steps to protect the records and remove them to safety.

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ANNEX 1 to OPERATIONAL MEMORANDUM NO 1, KCAT, 31 Aug 49, Cont'd

g. The Det Comdr, Hq Det, if not present, will proceed to the Det Area. He will make a physical check of all enlisted personnel and all Japanese employees, and make a verbal report to the Executive Officer without delay as to the results thereof. Enlisted men will report to their sections, if not already present. Section Chiefs will make a physical check of all personnel in their sections and make a prompt report thereof to the Executive Officer.

Enlisted men assigned to the C I & Q Section, not on duty, will remain at the Det Hq; those men on duty at Haneda and/or Yokohama Port will remain at those points until further orders.

In an emergency arising after duty hours, the Det Comdr will make all men available to the Motor Officer as drivers for motor vehicles, as required by him.

The Det Comdr will immediately secure the following items of equipment and supplies and place in readiness for issue, in the event of emergency:

- (1) All arms and ammunition
- (2) Two days supply of rations
- (3) supply of water
- (4) tentage

h. The Motor Officer, if not on duty, will proceed to the Motor Pool, this team and will make report without delay to the Commanding Officer or Executive Officer as to the physical status of transportation and drivers. No vehicles will be dispatched without orders from the CO or Exec. Off, with the following exceptions:

- (1) Vehicles assigned to Liaison Officers, as directed in par 1 d, above
- (2) The staff car, if not already dispatched, to the CO as directed
- (3) One truck, 1/4 ton, to be dispatched on call of each section chief

All other vehicles will be held in the pool pending instructions for use/or if necessary to remove from the pool if in danger of fire. All vehicles will be readied to dispatch and drivers will remain in or near their assigned vehicle.

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ANNEX 2 to OPERATIONAL MEMORANDUM NO 1, KCAT, 21 Aug 49, Cont'd

i. CIVIL EDUCATION SECTION. The Civilian Education Officer will maintain liaison with the Prefectural Department of Education and the Yokohama City Department of Education in order to ascertain what school buildings, temple or other buildings or facilities are suitable for housing purposes in case of disasters.

j. CIVIL EDUCATION: Maintain surveillance to assure that all information media are utilized to furnish advance and/or continuing flow of information of approaching disaster. Assure that information is continuously provided as to where medical aid, emergency housing, food stations, and other relief services are provided and available.

Assure that Japanese officials advise the civilian population as to areas that are dangerous and restricted.

Assure that information centers are established in time of disaster to provide the following services to the civilian population:

- (1) Central registration of casualties
- (2) Registration of missing persons.

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ANNEX 2 to OM No. 1

Hq KCAT 31 Aug 49

1. Earthquake:

INTELLIGENCE

Extracted from Yokohama Command Operational Directive Number 1, dtd 22 August 49

a. The possibility of a major earthquake disaster, similar to the 1923 earthquake, exists in the Yokohama Area. Relatively few buildings in the area are considered earthquake proof. Current seismographic technique does not forecast earthquake shocks; but merely records shocks and furnishes data for locational studies.

b. Earthquakes affecting only localized areas within the Yokohama Area are improbable; it is assumed that the entire area would be affected by a major earthquake disaster.

c. Major fires are likely, either in conjunction with, or as an aftermath, to a major earthquake disaster. This probability will increase with the continuance of the present rate of wooden housing construction in the area.

d. A major earthquake can be expected to disrupt power, water supply, communication, and transportation facilities.

2. Flood:

a. River flood damage in the Yokohama Area is confined to only minor damage. In 1936, when 25 communities sustained damage, the damaged area was 84 acres.

b. The rate of water rise would be relatively slow due to the large capacity of Tokyo Bay in all but most unusual cases. This would permit detailed planning and complete evacuation of flooded areas.

c. A distant tidal wave, or a major typhoon, would tend to cause a rise in the level of Tokyo Bay.

d. In both cases (Par 2b and 2c) the situation would normally allow adequate time for planning and evacuation. Vehicular transportation would be used to a maximum; only unforeseen contingencies would require water borne evacuation.

3. Typhoon:

a. Typhoon disaster would fall into one of the two following types:

(1) Typhoon hitting area directly.

(2) Distant typhoon, having secondary effects only.  
(Example, rise in level of Tokyo Bay).

b. In case (1), it is assumed that above ground power transmission and wire communication lines would be disrupted. This utilities breakdown would cause a temporary disruption of municipal water supply system due to stoppage of electrical pumping. Most billets occupied by military personnel in the Yokohama Area would be expected to withstand a typhoon. Principal danger would be flying debris.

ANNEX 2 to OPERATIONAL MEMORANDUM NO 1, Hq KCAT 31 Aug 49

Extracted from Yokohama Operational Directive Number 1, dtd 22 Aug 49

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ANNEX 2 to OPERATIONAL MEMORANDUM NO 7; Hq KCAF 31 Aug 49 cont'd.

c. In case (2), the situation would be similar to flood. (See par 2)

4. Fires:

a. Enough concentrated wooden construction exists in Yokohama to make major fires possible. However, the burned out condition of the metropolitan area would tend to localize fires, unless high winds occur concurrently.

b. Difficulty in fire fighting is increased by present low water pressure in municipal system due to leaky pipes, mains, and terminals.

c. Fire alone would not be expected to create a city-wide disaster. In conjunction with some other disaster, such as an earthquake, fire would have a definite effect upon civilian morale; would intensify the civilian control problem and would complicate emergency relief administration.

5. Tidal Waves:

a. Two possible tidal wave disaster situations exist:

(1) Near on-shore tidal wave.

(2) Distant tidal wave.

b. In case (1), a high crest and a rapid water rise would be expected. Warning time would be short; time available for evacuation would be at a minimum. Disruption of major utilities would be expected, along with pollution of water supplies stored in open reservoirs. Few buildings in Yokohama would withstand direct effect of such disaster.

c. In case (2), a low crest and a less rapid water rise would be expected. More advance warning would be possible. Estimates of water level and time of arrival would condition evacuation plans. Minor tidal waves may be expected to affect primarily the flood area.

6. Volcanic Eruption:

a. There is no recorded case of major volcanic eruption in metropolitan Yokohama in recent times. The recent eruption approximately two hundred miles east of Honshu illustrates the possibility of such activity in this area. Yokohama is located in the area of the earth's greatest geological strains. Present meteorological and seismographic technique do not permit locational forecasting of volcanic activity.

b. Lava flow is the principal danger from volcanic activity, except in the extremely localized area where eruption occurs. Normally, rate of flow would be relatively slow and would permit detailed planning for complete evacuation of affected areas.

ANNEX 2 to Operational Memorandum No 2 Hq KCAF 31 Aug 49

Extracted from Yokohama Operational Directive No 1, dtd 22 Aug 49



*Restricted*  
ANNEX 3 to OM No 1  
Hq KCAT 31 Aug 49

DISASTER SOP'S

TYPHOONS

Extracted from Yokohama Command  
Operational Directive No. 1  
dtd 22 Aug 49

1. General.

a. Purpose. To prescribe methods by which typhoon information will be disseminated, and the precautionary measures to be taken to minimize danger to personnel and damage to installations and equipment in the Yokohama Command area of responsibility.

b. Standard Designations of Typhoon Alert Conditions are prescribed as:

- (1) CONDITION III - Winds of fifty (50) knots or more anticipated within forty-eight (48) hours.
- (2) CONDITION II - Winds of fifty (50) knots or more anticipated within twenty-four (24) hours.
- (3) CONDITION I - Winds of fifty (50) knots or more anticipated within twelve (12) hours.
- (4) ALL CLEAR - Typhoon has passed - no further danger.

c. A coordinating Command Post, to be designated as "Typhoon Station - YC" will be established in this headquarters when directed by Typhoon Central (coordinating Command Post, Hq Eighth Army) with telephone numbers as listed in paragraph 3 c (3), basic Disaster Plan. Commanders of units listed in paragraph 2 a, basic Disaster Plan, will establish coordinating Command Posts, designated as "Typhoon Station (insert unit name)" when directed "Typhoon Station - YC" in this headquarters.

d. Generally Typhoon Alert Conditions within the Yokohama Area will be announced by Headquarters Eighth Army through this headquarters. Commanders listed in paragraph 2 a, basic Disaster Plan, are authorized and directed to establish Typhoon Alert Conditions, or more critical alert conditions, within their command when the local situation warrants the precaution.

e. When established, "Typhoon Station - YC" will contact commanders listed paragraph 2 a, basic Disaster Plan; will operate on a twenty-four (24) hour basis; and will issue operational instructions from this headquarters.

f. Typhoon Stations of subordinate commands (paragraph 1 c above) will become operative on a twenty-four (24) hour basis upon receipt of instructions from "Typhoon Station - YC", and will be responsible for the prompt dissemination of messages and instructions received.

g. Typhoons will normally be forecast by a minimum of four (4) hours notice.

h. All billets, sheds, vehicles and other equipment, and outside storage will be secured as required.

ANNEX 3 to OPERATIONAL MEMORANDUM NO 1, Hq KCAT 31 Aug 49  
Extracted from Yokohama Command Operational Directive No. 1 dtd 22 Aug 49



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ANNEX 3 to OPERATIONAL MEMORANDUM NO 1, Hq KCAT 31 Aug 49 cont'd.

1. Fire fighting personnel will be alerted.
- j. Buildings which may collapse will be evacuated. Emergency repairs on such buildings will be as necessary.
- k. At least one (1) radio in each unit will be tuned to WTR radio station.
1. Each organization immediately subordinate to this headquarters will dispatch a messenger to the AG Section, this headquarters.

2. When a Typhoon Alert Condition is announced:

a. CONDITION III.

- (1) General state of readiness will be established throughout the command.
- (2) Personnel will be assigned to specific duties for Typhoon Alert CONDITIONS II and I, and familiarized with their assignments. Drills will be held to insure that all concerned are thoroughly familiar with their assigned duties.
- (3) Preparations will be made to provide emergency medical, water, power, and transportation facilities in the event regular facilities are disrupted.
- (4) Report assumption of CONDITION III to "Typhoon Station - YC".

b. CONDITION II.

- (1) Secure all classified documents except those essential for operations. Top Secret, Secret, and Confidential documents will be stored in a place of safekeeping as defined in AR 380 - 5. When advisable, other documents and records will be moved to places with adequate protection.
- (2) Place all medical emergency units, signal repair groups, and fire departments on alert status.
- (3) Prepare all buildings not suitable for typhoon shelter for possible evacuation; provide suitable covering and protection for contents.
- (4) Store water supplies; issue emergency type rations to individuals likely to be on duty in isolated areas; prepare for issuance of food, water and bedding to emergency shelters.
- (5) Organize and equip damage and rescue teams for emergency operation.

(Extracted from Yokohama Command Operational Directive No. 1 dt& 22 Aug 49)  
ANNEX 3 to Operational Memorandum No 1 Hq KCAT 31 Aug 49

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ANNEX 3 to OPERATIONAL MEMORANDUM NO 1, Hq KCAT 31 Aug 49 cont'd.  
Extracted from Operational Directive No. 1, Yokohama Command, dtd 22 Aug 49

- (6) Issue final instructions and orders to all military personnel preparatory to assuming CONDITION I.
  - (7) Report assumption of CONDITION II to "Typhoon Station - YC",
- c. CONDITION I.
- (1) Determine that all requirements of CONDITION II have been met.
  - (2) Secure buildings and vital installations within means available.
  - (3) Post security guards in vital areas and installations.
  - (4) Post emergency operation and rescue crews.
  - (5) If a commander decides that evacuation is necessary, evacuate all non-essential personnel to predetermined shelters.
  - (6) Issue three (3) days emergency rations where required.
  - (7) Report assumption of CONDITION I to "Typhoon Station - YC".

#### OTHER DISASTERS

1. Floods. In addition to applicable measures prescribed for Typhoons above:

a. Units will be prepared to evacuate personnel upon twenty-four (24) hours notice. Priority: Litter patients, ambulatory patients, pregnant women, children, other women, civilians.

b. Be prepared to protect supplies and equipment not evacuated by moving such material to 2nd floor levels or by placing it on dunnage of sufficient height to prevent water damage.

2. Earthquakes. In addition to applicable measures prescribed for Typhoons above:

a. Fires are to be expected in conjunction with any major earthquake. Units will review existing fire fighting plans and equipment will be frequently inspected to insure readiness in event of such disaster.

b. Frequent fire drills will be held to insure complete compliance with existing plans.

c. Be prepared to evacuate assigned areas to combat accompanying tidal wave which usually occurs subsequent to major earthquakes.

3. Fire, Tidal Wave, and Volcanic Eruptions. Refer to measures prescribed Typhoons above.

ANNEX 3 to Operational Memorandum No 1 Hq KCAT 31 Aug 49

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Extracted from Operational Directive No. 1, Yokohama Command, dtd 22 Aug 49



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ANNEX No 4 to Operational Memorandum No 1 Hq KCAF 31 Aug 49  
Extracted from Yokohama Command Operational Directive No. 1 dtd 22 Aug 49

MEDICAL DISASTER PLAN

1. The Surgeon, Yokohama Command, is designated Central Medical Authority in the event of a disaster.
2. All dispensaries will form and train medical and surgical teams to be held in readiness for dispatch as directed by the Central Medical Authority. Medical supplies for these teams will be furnished by the 155th Station Hospital.
3. Medical assistance will not be rendered to Japanese or other Nationals until all Allied Nations nationals have received adequate medical attention.
4. The 155th Station Hospital will be immediately alerted to receive the maximum capacity.
5. The 155th Station Hospital will be used as a clearing station. The 332nd Medical General Dispensary will be used as a regulating point.
6. The 155th Station Hospital will be the medical supply point for Yokohama in the event of a disaster. All medical units will draw medical supplies from the 155th Station Hospital.
7. Request for ambulances will be made to Central Medical Authority,
8. Unit dispensaries will:
  - a. Act as emergency aid and clearing stations.
  - b. Draw emergency supplies from the 155th Station Hospital.
9. Lou Gehrig Stadium will be the collecting point for all Allied dead.

ANNEX NO. 4 to OPERATIONAL MEMORANDUM NO 1, Hq KCAF 31 Aug 49.  
Extracted from Yokohama Command Operational Directive No. 1 dtd 22 Aug 49

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HEADQUARTERS EIGHTH ARMY  
United States Army  
Office of the Commanding General  
APO 343

AGRC 000.9

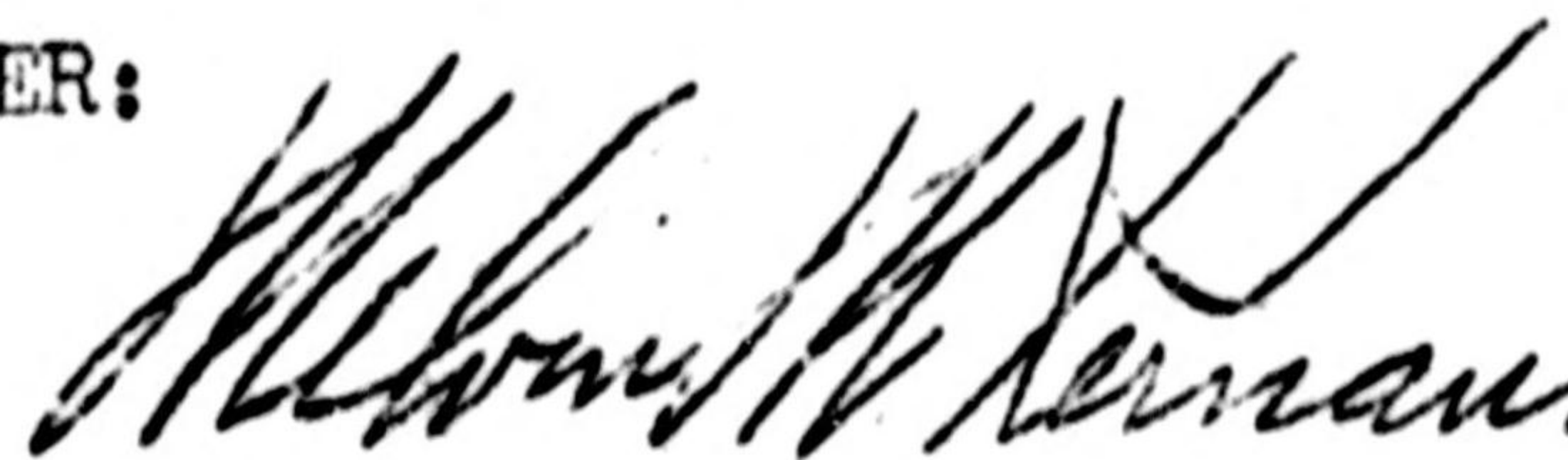
25 August 1949

**SUBJECT:** Disaster Plans

**TO:** See Distribution

Inclosed herewith SOP for Dissemination of Tidal Wave Warnings, Inclosure 4 to Operational Directive 37, this headquarters, subject as above, 13 July 1949.

BY COMMAND OF LIEUTENANT GENERAL WALKER:



MELVIN M. KERNAN  
Lt Colonel AGD  
Asst Adjutant General

8A  
Disaster

- 1 Incl  
1 - SOP for Dissemination of Tidal  
Wave Warnings

**DISTRIBUTION:**

- |                                     |   |
|-------------------------------------|---|
| 15 - CINCFE                         | 2 - CG, Yokohama Command                |
| 2 - COMPACFLT                       | 2 - CO, 40th AAA Brig                   |
| 2 - CG, PHILCOM                     | 2 - FM, TOKYO                           |
| 2 - CG, RYCOM                       | 2 - CO, 441st CIC Det                   |
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| 1 - CO, JAMA                        | 1 - CO, Yokohama Engr Dep               |
| 1 - CO, 1808th AACCS Wg             | 1 - CO, 43d Engr Cons Bn                |
| 1 - CO, 2043d Air Weather Wg        | 1 - CO, 64th Engr Topo Bn               |
| 1 - CO, MATS, HANEDA                | 1 - CO, 49th Gen Hosp                   |
| 10 - GOC, BCOF                      | 1 - CO, 28th Gen Hosp                   |
| 10 - CG, I CORPS                    | 1 - CO, 128th Sta Hosp                  |
| 10 - CG, IX CORPS                   | 1 - CO, 155th Sta Hosp                  |
| 5 - CG, 1st Cav Div (Inf)           | 1 - CO, 361st Sta Hosp                  |
| 5 - CG, 7th Inf Div                 | 1 - CO, 5th Army Med Dep                |
| 5 - CG, 24th Inf Div                | 2 - Ch, each CA Region and Dist         |
| 5 - CG, 25th Inf Div                | 1 - Ch, each CA Team                    |

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AGRC 000.9  
SUBJECT: Disaster Plans

25 August 1949

DISTRIBUTION: (Contd)

- |                            |  |
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| 1 - CO, 229th Ord Base Dep | 1 - Deputy Communications Officer,<br>Tokyo                    |
| 1 - CO, TOKYO QM Dep       | 1 - US Consul, United States Consulate,<br>Yokohama            |
| 1 - CO, 304th Sig Sv Bn    | 1 - CO, British Liaison Office,<br>British Consulate, Yokohama |
| 1 - CO, 519th Sig Base Dep | 1 - Regional Director, American Red<br>Cross, Yokohama         |
| 1 - CO, 72d Sig Sv Bn      | 15 - G-3, Eighth Army  |
| 1 - CO, 3d TMRS            |  |
| 1 - CO, 8001st TC Dep      |  |
| 3 - CO, 10th I & II Sv     |  |

PLUS - Distribution "Z" this headquarters

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TIDAL WAVE WARNING

1. References.

a. Letter, General Headquarters, Far East Command, AG 000.92(27 December 1948)GC, 6 January 1949, subject: "Standing Operating Procedure for Dissemination of Tidal Wave Warnings."

b. Letter, General Headquarters, Far East Command, AG 000.92(27 December 1948)GC-0, 25 April 1949, subject as above.

2. The Commanding Officer, 2143d Weather Wing, is charged, by the references, with responsibility for disseminating information relative to location, intensity and movement of tidal waves in the Pacific.

3. A tidal wave warning procedure is established to permit receiving commanders to take measures to minimize the loss of life and damages that may result from tidal waves. Since tidal waves travel with great speed, little time will be available for precautionary measures in any case. Warnings will be forwarded with utmost speed. United States Armed Forces Radio Stations will broadcast warnings if practicable.

4. Upon receipt of tidal wave warning through Haneda Weather Central, the Communications Center, this headquarters will:

a. Distribute tidal wave warnings to addressees listed in paragraph 5 if a tidal wave of serious or disastrous proportions is forecast.

b. Distribute information messages with precedence "Operational Immediate" (OP) to addressees listed in paragraph 5 if an earthquake of intensity 5 to 6 is reported but no tidal wave of dangerous proportions is predicted.

c. Process the message to AG Cables, this headquarters, if an earthquake of 3 to 4 intensity is reported but no tidal wave is predicted.

5. Addressees to receive tidal wave warnings direct from Communications Center, this headquarters, are:

Alert Officer, G-3 Section, this headquarters  
Alert Officer, G-2 Section, this headquarters  
Alert Officer, G-4 Section, this headquarters  
Alert Officer, Transportation Section, this headquarters  
Alert Officer, Signal Section, this headquarters  
Alert Officer, Information Section, this headquarters  
Commanding General, I Corps  
Commanding General, IX Corps  
Commanding General, Yokohama Command  
Commanding Officer, 2d T Medium Port, Yokohama  
Harbormaster, Yokohama  
MARITCOM, Yokohama

Inclosure 4 to Operational Directive #37, Hq Eighth Army, 13 July 1949

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HEADQUARTERS  
YOKOHAMA COMMAND  
APO 503

OPERATIONAL DIRECTIVE)  
NUMBER 1)

22 August 1949

DISASTER PLANS

1. Reference:

Operational Directive Number 37, Headquarters Eighth Army, 13 July 49.

2. Unit Plans:

a. The possibility of disaster in the form of an earthquake, flood, tidal wave, typhoon, fire or volcanic eruption in the metropolitan Yokohama area renders it necessary for all units to prepare and maintain up-to-date, detailed plans to govern the action of all troops in the event of each type of disaster named herein. (See Annex 1) In case of fire, existing fire plans prepared in accordance with the procedure outlined in Section I, Circular 18, Headquarters Eighth Army, 25 March 49, Subject: "Fire Protection", will govern. Two copies of disaster plans of the following units and sections will be furnished this headquarters:

- (1) Yokohama Motor Command
- (2) 2nd Transportation Medium Port
- (3) Special Troops, Yokohama Command and attached units
- (4) Metropolitan Yokohama Provost Marshal
- (5) 5th Engineer Construction Group
- (6) 155th Station Hospital
- (7) 4th Replacement Depot and attached units
- (8) Central Mess and Billeting Section, Yokohama Command
- (9) Army Housing Section
- (10) Yokohama Army Education Center
- (11) Eighth Army Special Troops
- (12) 229th Ordnance Depot and attached units
- (13) 5th Medical Depot
- (14) 10th Chemical Base Depot
- (15) Yokohama Engineer Depot and attached units

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Operational Directive Number 1 , Hq Yokohama Command, 22 Aug 49, Cont'd.

- (16) 3rd Transportation Military Railway Service
- (17) 72nd Signal Service Battalion and attached units
- (18) 304th Signal Service Battalion
- (19) Eighth Army Central Exchange Detachment
- (20) Yokohama American Red Cross
- (21) 8234th Service Detachment (FEC Printing Plant)
- (22) Yokohama Signal Depot
- (23) 94th Engineer Maintenance Company
- (24) TI & E Depot
- (25) Tokyo QM POL Installations
- (26) Tokyo QM Cold Storage Plant

b. This headquarters is responsible for the coordination and execution of plans for units 1 through 10 above and for the coordination of plans for units 11 through 26 inclusive.

c. Maximum assistance may be expected from tactical units located outside the metropolitan Yokohama area.

3. General Instructions:

a. In the event of disaster, military commanders will take immediate action to protect the lives and property of members of the Allied Nations. Immediate control and emergency relief will be applicable to Japanese and other nationals only as it is necessary to protect lives and property of members of the Allied Nations. Coordination with Civil Affairs will be required.

b. The Japanese Red Cross will be required, upon direction of prefectural officials, to furnish medical teams and coordinate all voluntary agency participation.

c. Reports:

- (1) The threat of or occurrence of disaster will be reported to this headquarters by the most expeditious means, giving location, magnitude, damage, action of troops, requirements for assistance, unit strengths, casualties, and other pertinent information. Subsequent reports will be submitted through command channels daily or as deemed necessary.
- (2) Careful accounting for all supplies and equipment, when released to Japanese agencies for the use of Japanese and other nationals, will be maintained and appropriate reports rendered to this headquarters.
- (3) Officers, together with necessary clerical help from each of the following sections of this headquarters, will remain on duty at all times during an emergency to receive reports and



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Operational Directive Number 1, Hq Yokohama Command, 22 Aug 49, Cont'd.

take necessary action upon requests for assistance:

<u>SECTION</u>	<u>TELEPHONE</u>
S-1 Section	2-1473
S-2,3 Sections	2-5204 2-4297 2-5292
S-4 Section	2-1458
Surgeon	3-2100
Quartermaster Section	2-5575
Army Housing Section	2-5451
Provost Marshal	2-1808
Central Mess & Billeting	2-0091
Engineer	3-5488

d. Law and Order. Immediate and vigorous action will be taken to prevent looting, pilfering and other disorders. Offenders will be promptly tried by appropriate courts. Commanders will be especially alerted for the possibility of an outbreak of sabotage or other hostile acts by subversive elements.

e. Communications. All units listed in paragraph 2. a. above will coordinate their disaster communications plan and requirements with this headquarters. Further instructions relative to specific communications requirements are included in Annex II hereto.

f. Priorities. In case of damage or destruction, priorities for restoration, rehabilitation or emergency construction of facilities will be, insofar as practicable, in the following order:

- (1) A potable water supply
- (2) Emergency hospital facilities
- (3) Roads, bridges and railroads
- (4) Lighting and heating facilities
- (5) Other essential utilities to safeguard public health

g. Medical Aid and Hospitalization.

- (1) The Surgeon, Yokohama Command, is the Central Medical Authority and will formulate plans for the medical care, evacuation and hospitalization of all Allied Nations nationals in the metropolitan Yokohama area.



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Operational Directive Number 1, Hq Yokohama Command, 22 Aug 49, Cont'd.

- (2) All medical units and facilities in the metropolitan Yokohama area will be immediately alerted to be prepared to receive the maximum patient capacity. Emergency medical and surgical teams will be established and maintained for dispatch, as directed by this headquarters, to outlying areas.
- (3) Japanese civilians will not be hospitalized in military installations. Emergency field care and hospitalization for Japanese and other foreign nationals will be given only after Allied Nations military personnel and nationals have received adequate medical attention.
- (4) See Annex III for Medical Plan.

h. In the event of a major disaster to the indigenous population of metropolitan Yokohama, immediate liaison will be established by the 5th Engineer Construction Group with the Kanagawa Civil Affairs Team. Any engineer assistance rendered to the Japanese will be coordinated with the Kanagawa Civil Affairs Team.

i. Chemical. In any case of a disaster that releases large quantities of industrial chemicals, the Commanding Officer, or his representative, of the 10th Chemical Base Depot will be contacted for technical advice and assistance.

- (1) CAUTION. In very high concentrations of any gas, as may be encountered in a contaminated enclosed place or close to a gas source, the capacity of the service canister may be exceeded in a very short time. Although very efficient against all war gases under field conditions, the service mask will furnish no protection for certain industrial gases, among which are: ammonia, carbon monoxide and gasoline fumes. Personnel should vacate the contaminated area immediately to the up-wind side and such areas should be marked under the supervision of chemical experts. Decontamination procedures will be determined by the nature of contamination, by teams trained and provided by the 10th Chemical Base Depot.
- (2) Tear gas will not be used operationally without specific authority from General Headquarters, Far East Command. Requests for use of tear gas will be submitted through this headquarters to Headquarters Eighth Army.

4. The Japanese Government will assume full responsibility for the relief of all affected persons with the minimum assistance and direction from occupation forces. Such assistance and direction will be offered only when the Japanese Government and their local officials are unable to meet emergency relief needs. This is not intended to relieve commanders of the responsibility for taking action prescribed in paragraph 3 a, above.

5. Specific Instructions. In the event of a disaster or impending disaster:

a. Air raid warning sirens throughout Yokohama will sound two (2) blasts of fifteen (15) seconds duration with five (5) seconds interval, followed by one (1) blast of thirty (30) seconds duration. This signal will be repeated at five (5) minute intervals until five (5) signals have been sounded.



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Operational Directive Number 1, Hq Yokohama Command, 22 Aug 49, Cont'd.

b. When the disaster is under control, air raid sirens will sound one (1) blast of sixty (60) seconds duration. This signal will not be repeated.

c. All passes will be cancelled.

d. Military personnel will report to their proper stations, this being impractical, to the nearest unit. Medical personnel will report to the nearest medical installation.

e. Units will continue operations except as curtailed or suspended by this headquarters.

f. Units will be prepared to evacuate personnel to assigned areas (See Annex IV hereto) upon four (4) hours notice.

g. The Commanding Officer, 5th Engineer Construction Group, is the Central Engineer Authority and engineer planning will include:

- (1) Supervision of relief measures of an engineer nature.
- (2) Use of Engineer Troops.
- (3) Provision of engineer equipment and related supplies, such as potable water purification units and small generators, with operators, to provide emergency utilities.
- (4) Release of construction materials from active engineer depots and from SPB (indigenous) stocks.
- (5) Use of engineer equipment, with operators, such as boats for rescue work, road construction equipment for opening principal roads, equipment for clearing fire breaks and equipment for repairing or containing flood damage.
- (6) Use of fire fighting equipment.

h. Section Chief, Central Mess & Billeting Section, will maintain up-to-date plans for evacuation phase of all billets controlled by that section. Direct communication with Commanding Officer, Yokohama Motor Command, is authorized to coordinate use of motor vehicles to be used when necessary to implement plan.

i. Section Chief, Army Housing Office, will, in event of widespread disaster, reassign families evacuated from damaged homes to other quarters, utilizing to as great extent as possible undamaged Army Housing. This may necessitate the doubling up in undamaged quarters. Priority in reassigning homes will be given to families with small children.

j. All units in metropolitan Yokohama area will include plans to reinforce existing security guards in event of disaster, particularly if evacuation is necessary or so ordered. Such security guards to be removed on orders from this headquarters only. In event of extreme emergency, guards may be removed by subordinate commanders and report made to this headquarters.



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Operational Directive Number 1, Hq Yokohama Command, 22 Aug 49, Cont'd.

6. Specific instructions covering responsibilities in the event of a particular disaster type are contained in Annex II hereto.

7. Recissions. Operational Directive No. 1, this headquarters, 31 December 48.

BY COMMAND OF BRIGADIER GENERAL GARVIN:

L. W. Stanley  
Colonel, AGD  
Executive Officer

OFFICIAL:

  
TROIANO  
S-3

DISTRIBUTION:

- "A" and "D" plus:
- 10 - 40th AAA Brigade
- 2 - 1st Cavalry Division
- 2 - each unit listed in  
par. 2. a. (11) through (26)
- 5 - G-3 Section, Hq Eighth Army

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Annex No. 1 to O.D. No. 1, Hq Yokohama Command, 22 Aug 49, Cont'd.

INTELLIGENCE

1. Earthquake:

a. The possibility of a major earthquake disaster, similar to the 1923 earthquake, exists in the Yokohama Area. Relatively few buildings in the area are considered earthquake proof. Current seismographic technique does not forecast earthquake shocks; but merely records shocks and furnishes data for locational studies.

b. Earthquakes affecting only localized areas within the Yokohama Area are improbable; it is assumed that the entire area would be affected by a major earthquake disaster.

c. Major fires are likely, either in conjunction with, or as an aftermath, to a major earthquake disaster. This probability will increase with the continuance of the present rate of wooden housing construction in the area.

d. A major earthquake can be expected to disrupt power, water supply, communication, and transportation facilities.

2. Flood:

a. River flood damage in the Yokohama Area is confined to only minor damage. In 1936, when 25 communities sustained damage, the damaged area was 84 acres.

b. The rate of water rise would be relatively slow due to the large capacity of Tokyo Bay in all but most unusual cases. This would permit detailed planning and complete evacuation of flooded areas.

c. A distant tidal wave, or a major typhoon, would tend to cause a rise in the level of Tokyo Bay.

d. In both cases (Par 2b and 2c) the situation would normally allow adequate time for planning and evacuation. Vehicular transportation would be used to a maximum; only unforeseen contingencies would require water borne evacuation.

3. Typhoon:

a. Typhoon disaster would fall into one of the two following types:

(1) Typhoon hitting area directly.

(2) Distant typhoon, having secondary effects only.  
(Example, rise in level of Tokyo Bay).

b. In case (1), it is assumed that above ground power transmission and wire communication lines would be disrupted. This utilities breakdown would cause a temporary disruption of municipal water supply system due to stoppage of electrical pumping. Most billets occupied by military personnel in the Yokohama Area would be expected to withstand a typhoon. Principal danger would be flying debris.



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Annex No. 1 to O.D. No. 1, Hq Yokohama Command, 22 Aug 49, Cont'd.

c. In case (2), the situation would be similar to flood. (See par 2)

4. Fire:

a. Enough concentrated wooden construction exists in Yokohama to make major fires possible. However, the burned out condition of the metropolitan area would tend to localize fires, unless high winds occur concurrently.

b. Difficulty in fire fighting is increased by present low water pressure in municipal system due to leaky pipes, mains, and terminals.

c. Fire alone would not be expected to create a city-wide disaster. In conjunction with some other disaster, such as an earthquake, fire would have a definite effect upon civilian morale; would intensify the civilian control problem; and would complicate emergency relief administration.

5. Tidal Wave:

a. Two possible tidal wave disaster situations exist:

(1) Near on-shore tidal wave.

(2) Distant tidal wave.

b. In case (1), a high crest and a rapid water rise would be expected. Warning time would be short; time available for evacuation would be at a minimum. Disruption of major utilities would be expected, along with pollution of water supplies stored in open reservoirs. Few buildings in Yokohama would withstand direct effect of such disaster.

c. In case (2), a low crest and a less rapid water rise would be expected. More advance warning would be possible. Estimates of water level and time of arrival would condition evacuation plans. Minor tidal waves may be expected to affect primarily the flood area.

6. Volcanic Eruption:

a. There is no recorded case of major volcanic eruption in metropolitan Yokohama in recent times. The recent eruption approximately two hundred miles east of Honshu illustrates the possibility of such activity in this area. Yokohama is located in the area of the earth's greatest geological strains. Present meteorological and seismographic technique do not permit locational forecasting of volcanic activity.

b. Lava flow is the principal danger from volcanic activity, except in the extremely localized area where eruption occurs. Normally, rate of flow would be relatively slow and would permit detailed planning for complete evacuation of affected areas.



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Annex No. II to O.D. No. 1, Hq Yokohama Command, 22 Aug 49, Cont'd.

DISASTER SOP'S

TYPHOONS

1. General.

a. Purpose. To prescribe methods by which typhoon information will be disseminated, and the precautionary measures to be taken to minimize danger to personnel and damage to installations and equipment in the Yokohama Command area of responsibility.

b. Standard Designations of Typhoon Alert Conditions are prescribed as:

- (1) CONDITION III - Winds of fifty (50) knots or more anticipated within forty-eight (48) hours.
- (2) CONDITION II - Winds of fifty (50) knots or more anticipated within twenty-four (24) hours.
- (3) CONDITION I - Winds of fifty (50) knots or more anticipated within twelve (12) hours.
- (4) ALL CLEAR - Typhoon has passed - no further danger.

c. A coordinating Command Post, to be designated as "Typhoon Station - YC" will be established in this headquarters when directed by Typhoon Central (coordinating Command Post, Hq Eighth Army) with telephone numbers as listed in paragraph 3 c (3), basic Disaster Plan. Commanders of units listed in paragraph 2 a, basic Disaster Plan, will establish coordinating Command Posts, designated as "Typhoon Station (insert unit name)" when directed by "Typhoon Station - YC" in this headquarters.

d. Generally Typhoon Alert Conditions within the Yokohama Area will be announced by Headquarters Eighth Army through this headquarters. Commanders listed in paragraph 2 a, basic Disaster Plan, are authorized and directed to establish Typhoon Alert Conditions, or more critical alert conditions, within their command when the local situation warrants the precaution.

e. When established, "Typhoon Station - YC" will contact commanders listed paragraph 2 a, basic Disaster Plan; will operate on a twenty-four (24) hour basis; and will issue operational instructions from this headquarters.

f. Typhoon Stations of subordinate commands (paragraph 1 c above) will become operative on a twenty-four (24) hour basis upon receipt of instructions from "Typhoon Station - YC" and will be responsible for the prompt dissemination of messages and instructions received.

g. Typhoons will normally be forecast by a minimum of four (4) hours notice.

h. All billets, sheds, vehicles and other equipment, and outside storage will be secured as required.

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Annex No. II to O.D. No. 1, Hq Yokohama Command, 22 Aug 49, Cont'd.

- i. Fire fighting personnel will be alerted.
- j. Buildings which may collapse will be evacuated. Emergency repairs on such buildings will be as necessary.
- k. At least one (1) radio in each unit will be tuned to WTR radio station.
- l. Each organization immediately subordinate to this headquarters will dispatch a messenger to the AG Section, this headquarters.
2. Responsibilities of Commanding Officer, 2nd Transportation Medium Port.
  - a. Take necessary measures to secure the port area and harbor to include vessels, small craft and floating equipment.
  - b. Transmit weather reports, received directly from outside agencies, to this headquarters (attention S-3) for dissemination to the command and to Headquarters Eighth Army. Negative reports will be made hourly.
  - c. Be prepared to provide, on orders from this headquarters, all available shallow craft, small craft for water transportation of personnel and supplies. Each craft to be manned by one officer or enlisted man.
3. Responsibilities of Yokohama Provost Marshal.
  - a. Be prepared to increase patrols with a view toward maintaining order and keeping designated routes of evacuation clear for evacuation traffic.
  - b. Be prepared to open emergency Command Post, on orders of this headquarters, at YCPS. Emergency communications will be placed in operation.
4. Responsibilities of Commanding Officer, Yokohama Motor Command.

Be prepared to provide motor transportation for evacuation purposes, on orders of this headquarters.
5. Responsibilities of Commanding Officers of Other Units.

Comply with general instructions above.
6. When a Typhoon Alert Condition is announced:
  - a. CONDITION III.
    - (1) General state of readiness will be established throughout the command.
    - (2) Personnel will be assigned to specific duties for Typhoon Alert CONDITIONS II and I, and familiarized with their assignments. Drills will be held to insure that all concerned are thoroughly familiar with their assigned duties.



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Annex No. II to O.D. No. 1, Hq Yokohama Command, 22 Aug 49, Cont'd.

(3) Preparations will be made to provide emergency medical, water, power, and transportation facilities in the event regular facilities are disrupted.

(4) Report assumption of CONDITION III to "Typhoon Station - YC".

b. CONDITION II.

(1) Secure all classified documents except those essential for operations. Top Secret, Secret, and Confidential documents will be stored in a place of safekeeping as defined in AR 380 - 5. When advisable, other documents and records will be moved to places with adequate protection.

(2) Place all medical emergency units, signal repair groups, and fire departments on alert status.

(3) Prepare all buildings not suitable for typhoon shelter for possible evacuation; provide suitable covering and protection for contents.

(4) Store water supplies; issue emergency type rations to individuals likely to be on duty in isolated areas; prepare for issuance of food, water and bedding to emergency shelters.

(5) Organize and equip damage and rescue teams for emergency operation.

(6) Issue final instructions and orders to all military personnel preparatory to assuming CONDITION I.

(7) Report assumption of CONDITION II to "Typhoon Station - YC".

c. CONDITION I.

(1) Determine that all requirements of CONDITION II have been met.

(2) Secure buildings and vital installations within means available.

(3) Post security guards in vital areas and installations.

(4) Post emergency operation and rescue crews.

(5) If a commander decides that evacuation is necessary, evacuate all non-essential personnel to predetermined shelters.

(6) Issue three (3) days emergency rations where required.

(7) Report assumption of CONDITION I to "Typhoon Station - YC".

7. Reports.

a. Subordinate commanders will report the assumption of Typhoon Alert Conditions to "Typhoon Station - YC".



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Annex No. II to O.D. No. 1, Hq Yokohama Command, 22 Aug 49, Cont'd.

b. Typhoon casualty reports will be submitted to "Typhoon Station - YC" at 1800 and 0800 daily after establishment of Typhoon Stations, or more frequently when considered advisable. Cumulative casualty figures will be included in all reports submitted during the period to prevent misunderstanding of total casualties.

c. Property damage reports will be prepared and submitted as shown below to Headquarters Eighth Army through this headquarters within five (5) days after the storm has passed. Reports will indicate the exact nature of the damage sustained as well as a detailed estimate of the repair or replacement cost.

- (1) Damage to completed buildings and utilities will be reported through technical channels to the Army Engineer.
- (2) Damage to organizational property will be reported by the organizations concerned; classified as to type of property, through technical channels (i.e. Quartermaster, Ordnance, etc.).
- (3) Damage to fixed communication facilities (Class IV Project and Japanese Commercial) will be reported through technical channels to Army Signal Officer.
- (4) Damage to property of supply agencies or technical services which is stored in depots or supply points will be reported by the depot or supply point commander.

OTHER DISASTERS

1. Floods. In addition to applicable measures prescribed for Typhoons above:

a. Units will be prepared to evacuate personnel upon twenty-four (24) hours notice. Priority: Litter patients, ambulatory patients, pregnant women, children, other women, civilians.

b. Be prepared to protect supplies and equipment not evacuated by moving such material to 2nd floor levels or by placing it on dunnage of sufficient height to prevent water damage.

2. Earthquakes. In addition to applicable measures prescribed for Typhoons above:

a. Fires are to be expected in conjunction with any major earthquake. Units will review existing fire fighting plans and equipment will be frequently inspected to insure readiness in event of such disaster.

b. Frequent fire drills will be held to insure complete compliance with existing plans.

c. Be prepared to evacuate assigned areas to combat accompanying tidal wave which usually occurs subsequent to major earthquakes.

3. Fire, Tidal Wave, and Volcanic Eruptions. Refer to measures prescribed for Typhoons above.



## RESTRICTED

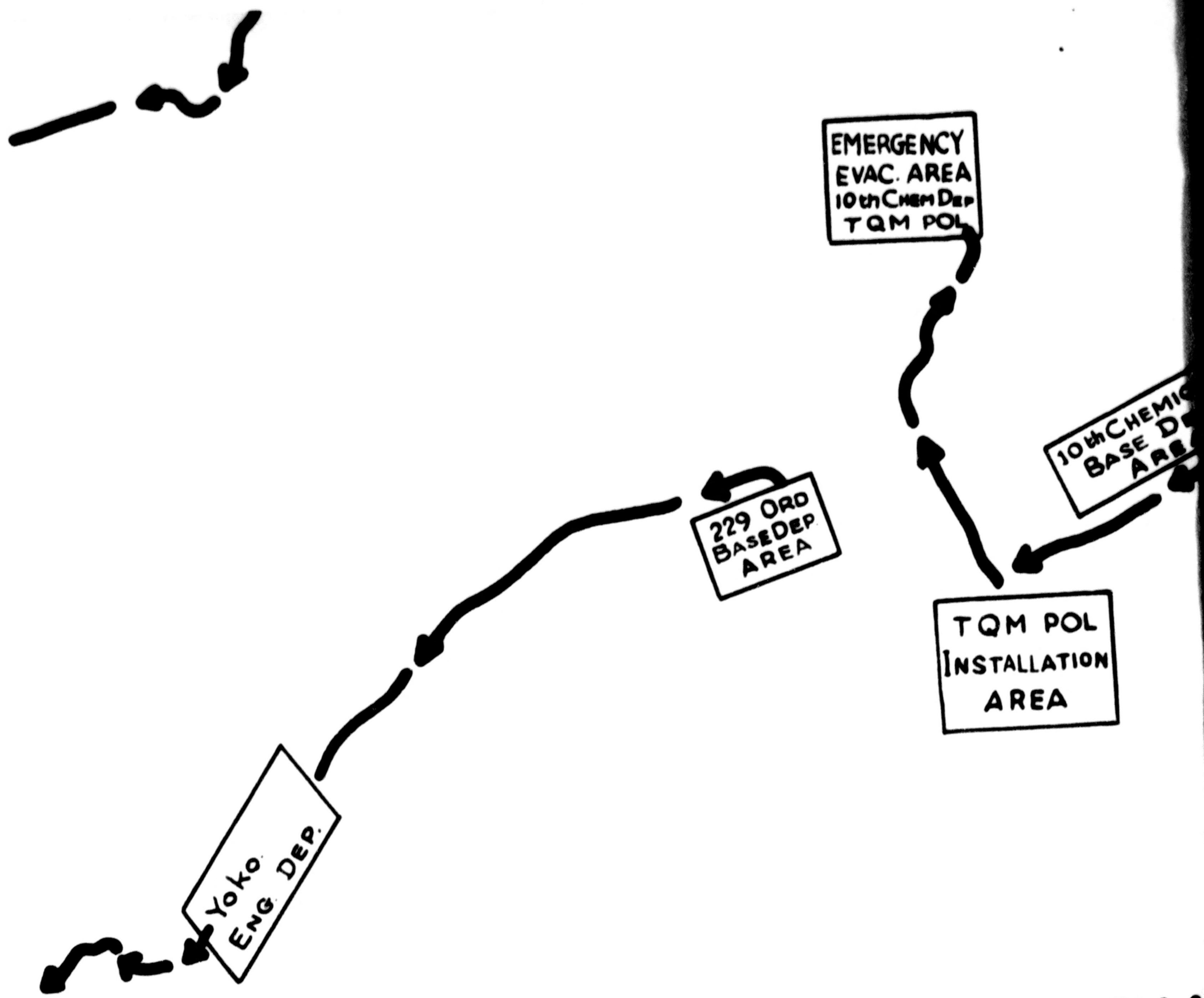
Annex No. III to O.D. No. 1, Hq Yokohama Command, 22 Aug 49, Cont'd.

### MEDICAL DISASTER PLAN

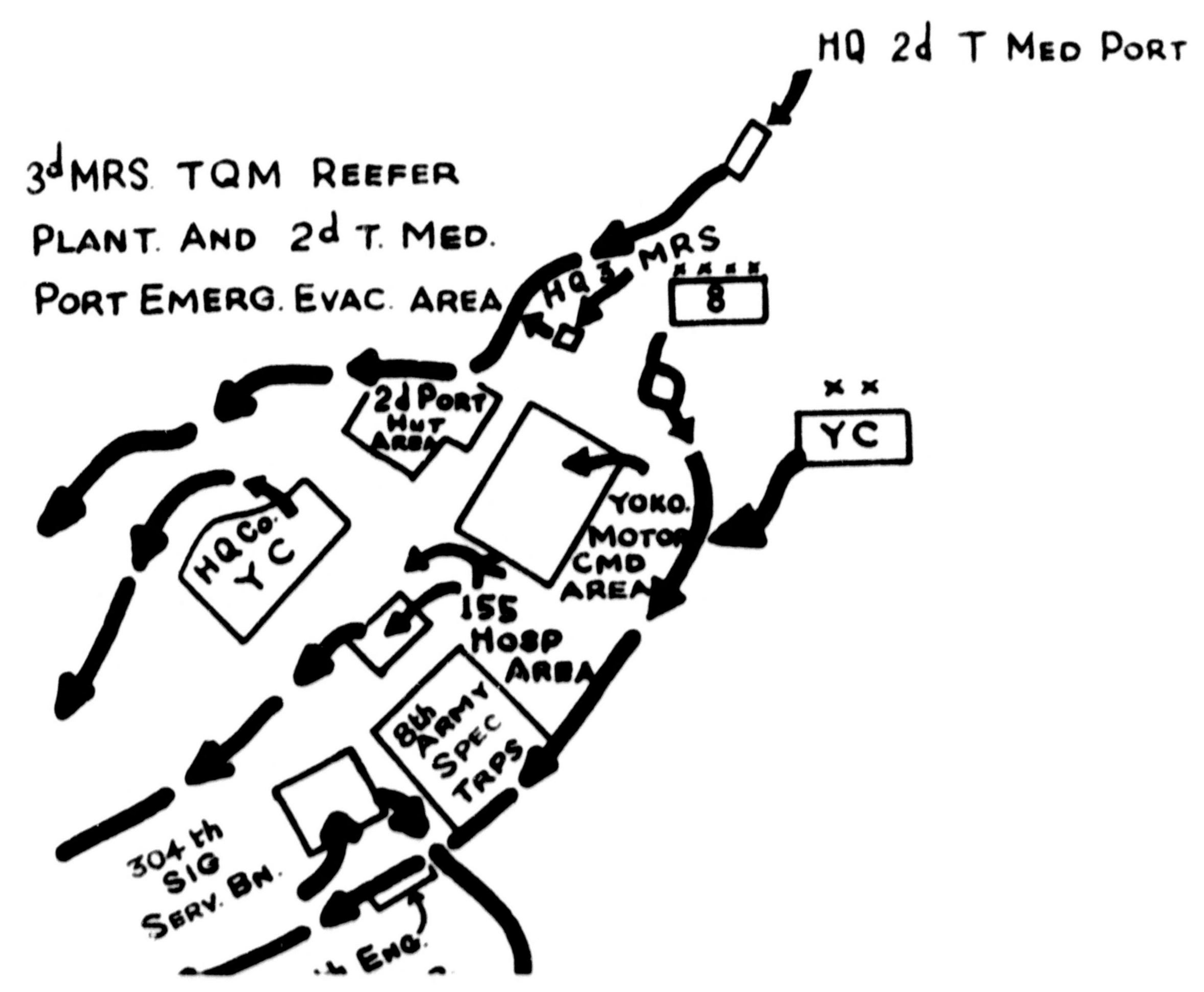
1. The Surgeon, Yokohama Command, is designated Central Medical Authority in the event of a disaster.
2. All dispensaries will form and train medical and surgical teams to be held in readiness for dispatch as directed by the Central Medical Authority. Medical supplies for these teams will be furnished by the 155th Station Hospital.
3. Medical assistance will not be rendered to Japanese or other Nationals until all Allied Nations nationals have received adequate medical attention.
4. The 155th Station Hospital will be immediately alerted to receive the maximum capacity.
5. The 155th Station Hospital will be used as a clearing station. The 332nd Medical General Dispensary will be used as a regulating point.
6. The 155th Station Hospital will be the medical supply point for Yokohama in the event of a disaster. All medical units will draw medical supplies from the 155th Station Hospital.
7. Request for ambulances will be made to Central Medical Authority.
8. Unit dispensaries will:
  - a. Act as emergency aid and clearing stations.
  - b. Draw emergency supplies from the 155th Station Hospital.
9. Lou Gehrig Stadium will be the collecting point for all Allied dead.

RESTRICTED



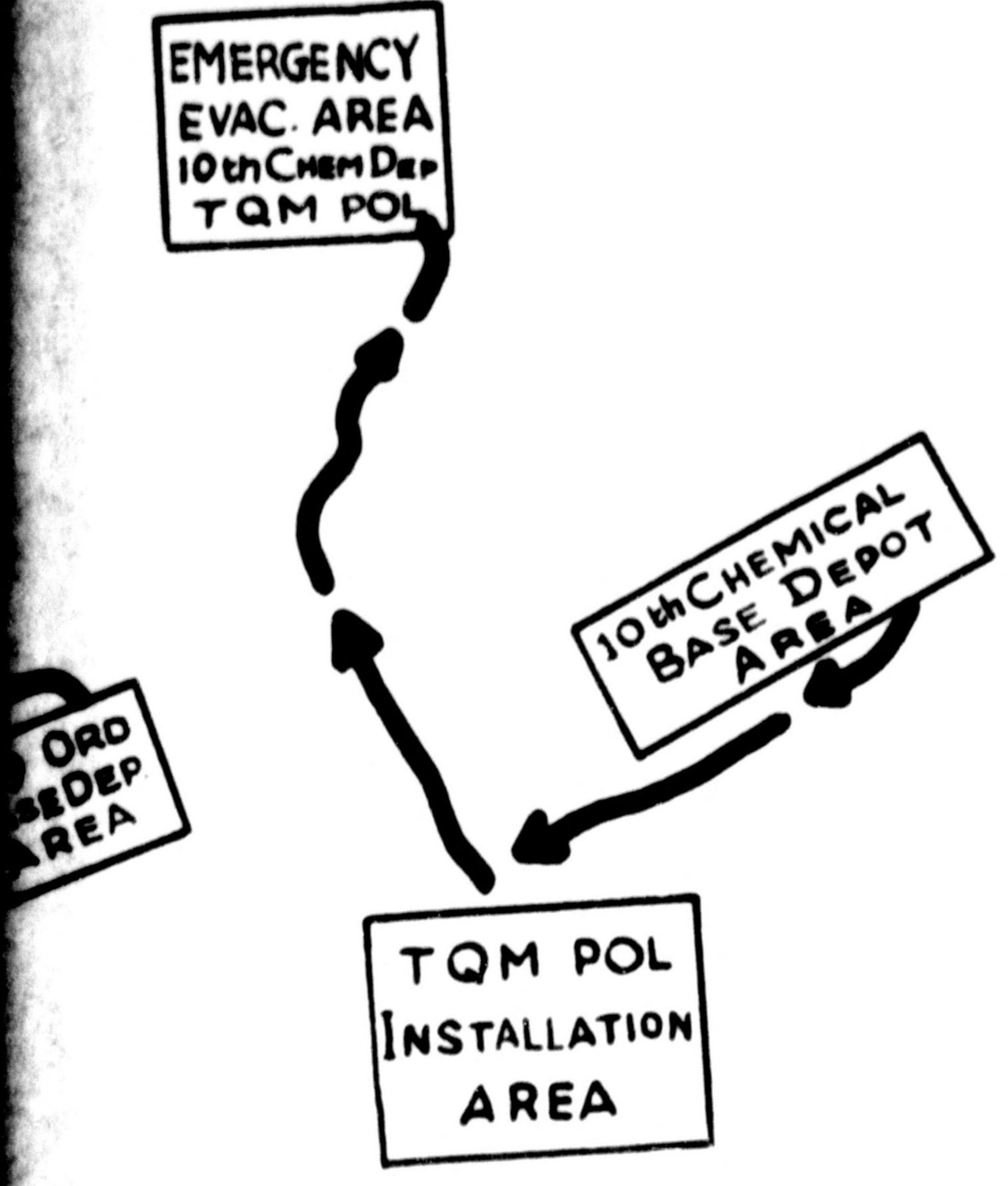


# ANNEX I



72d SIG SERV BN HUT AREA





**ANNEX IV To Opn Directive No 1. - Aug. 1949 H**

**MAP: CENTRAL HONSHU 1:25000**

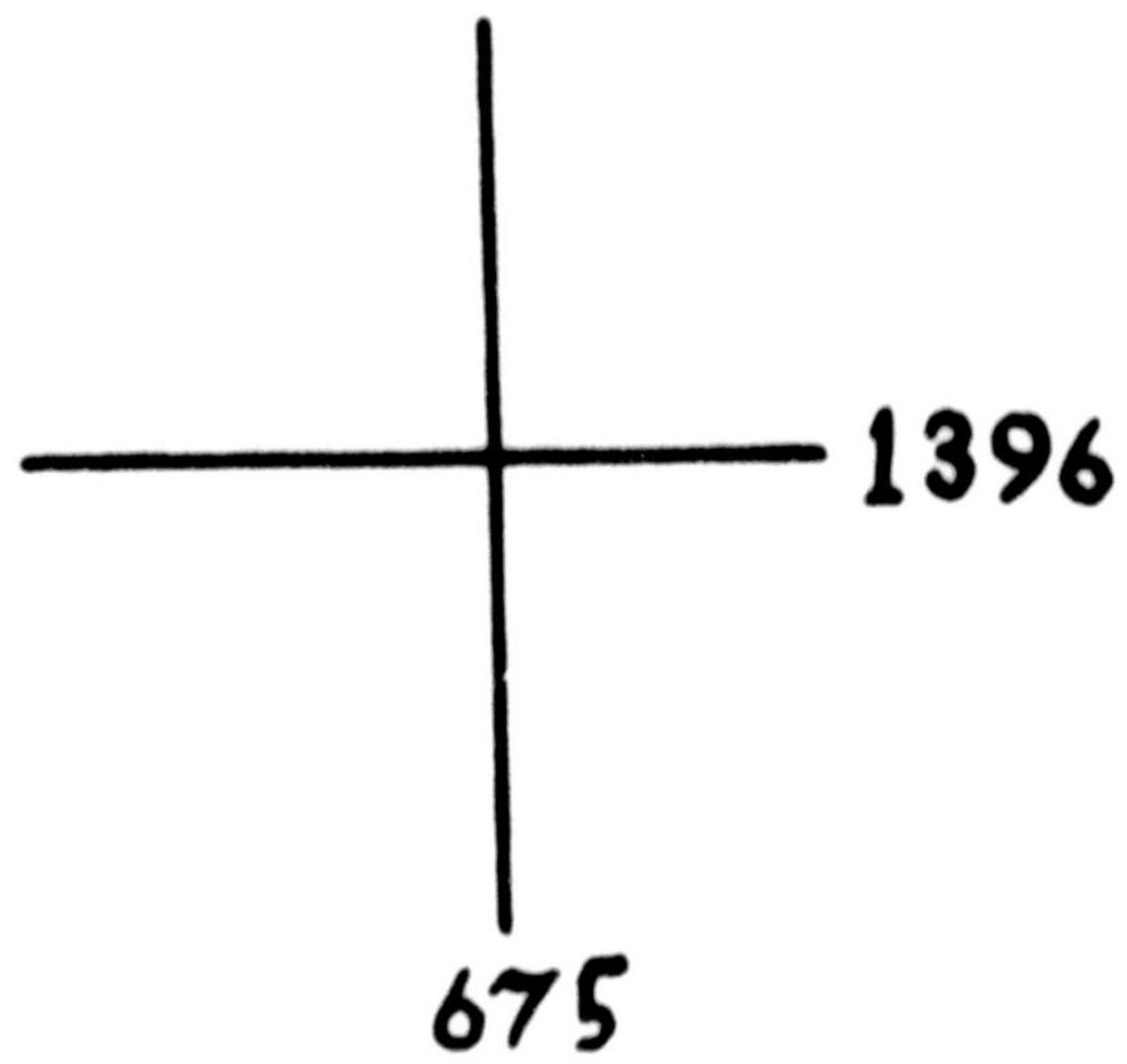
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  - 6053 III SW**
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  - 6053 IV SE**

Med Port

X 72d SIG SERV  
BN HUT AREA



Yokohama  
Signal  
Depot  
Area

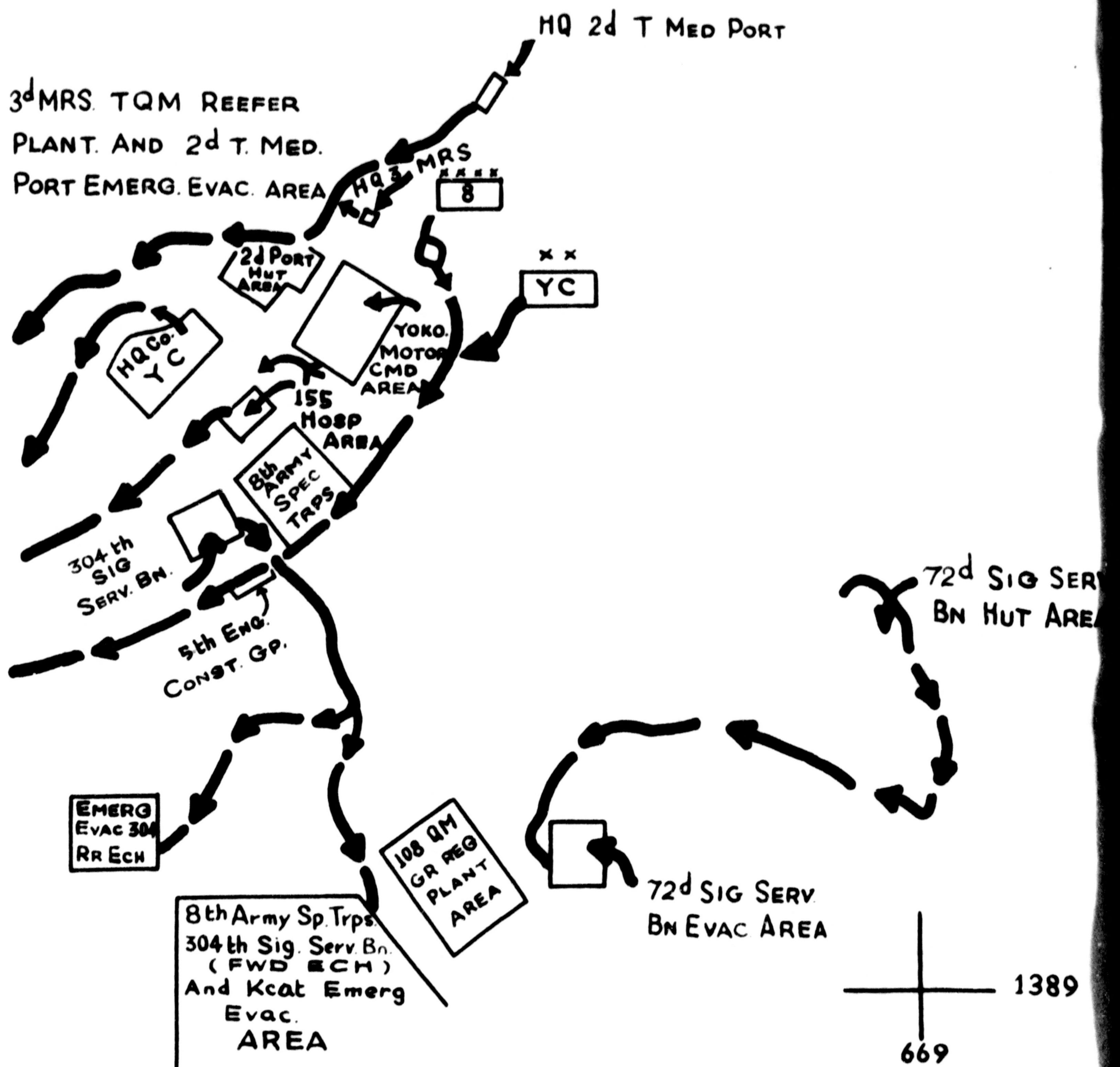


**No 1. - Aug. 1949 Hq. YOKOHAMA COMMAND**

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- IV SE**







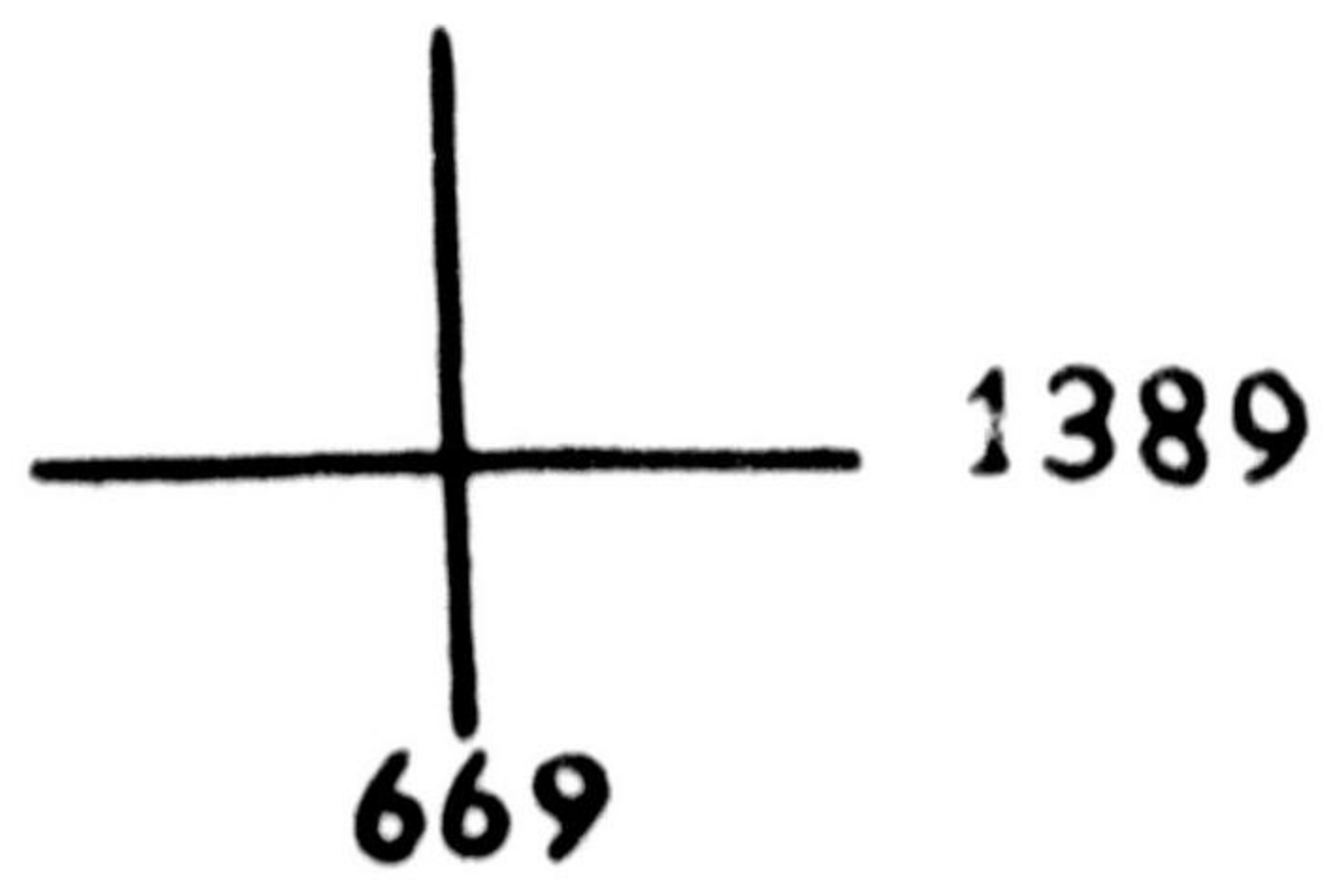
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BN HUT AREA

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EVAC AREA



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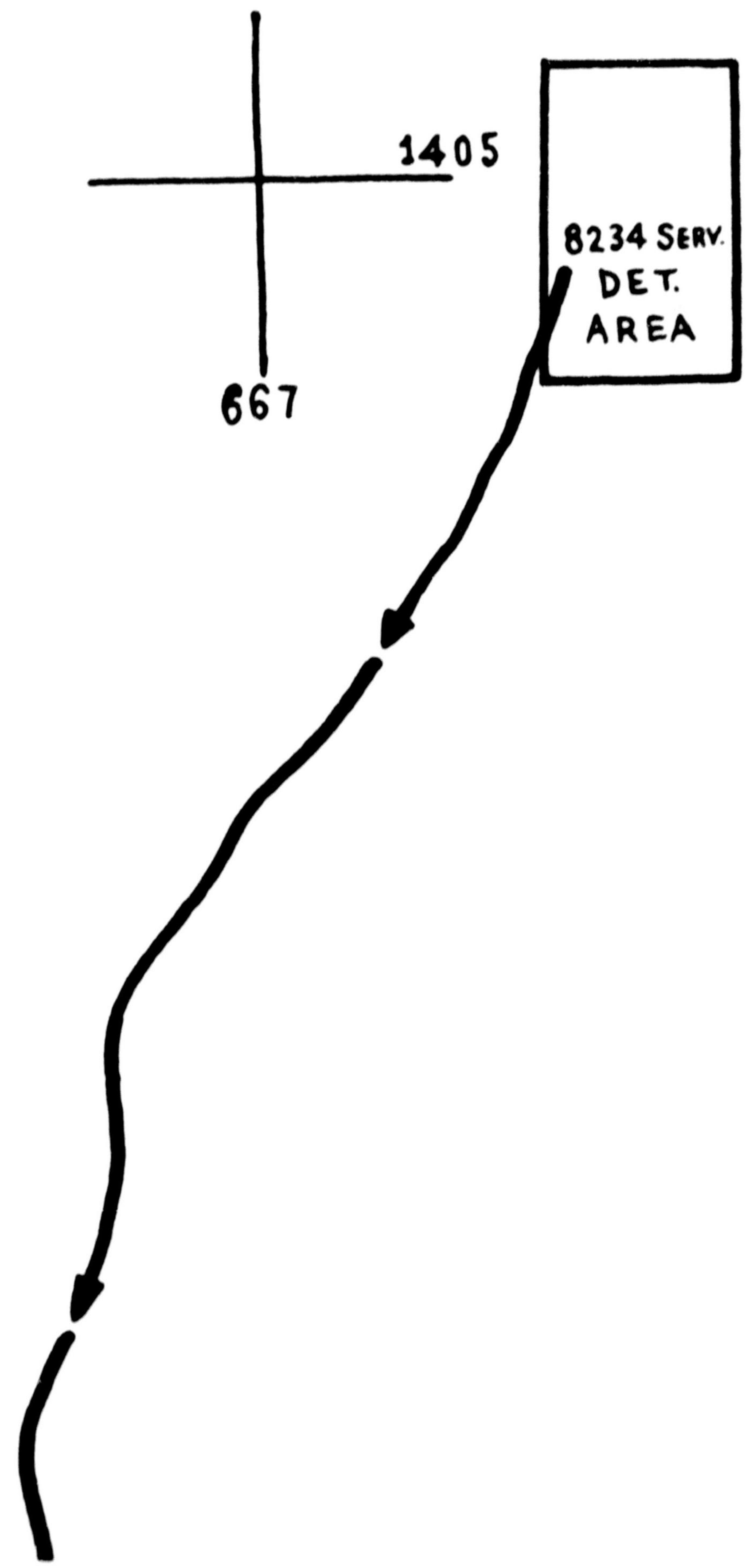
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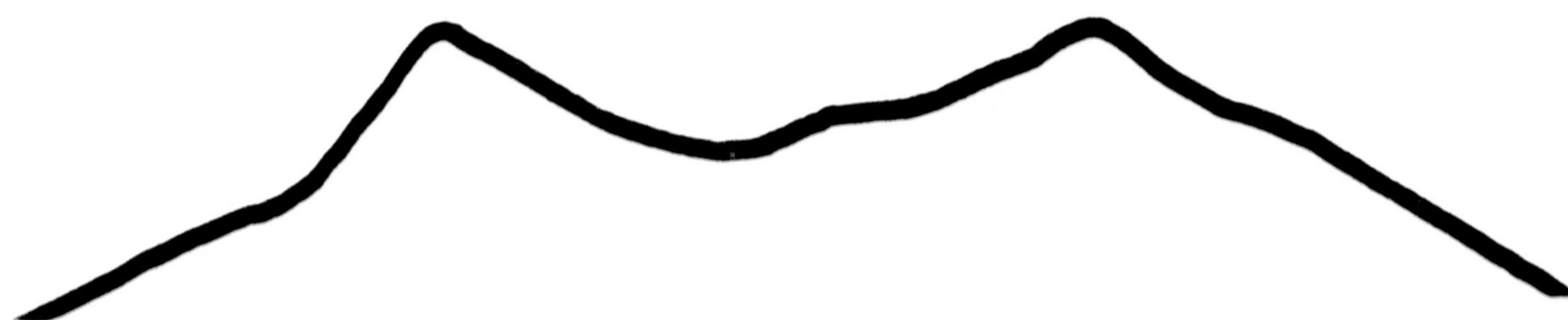
**ANNEX IV To Opn Directive No.1,— Aug. 1949**

**MAP: CENTRAL HONSHU 1:250**

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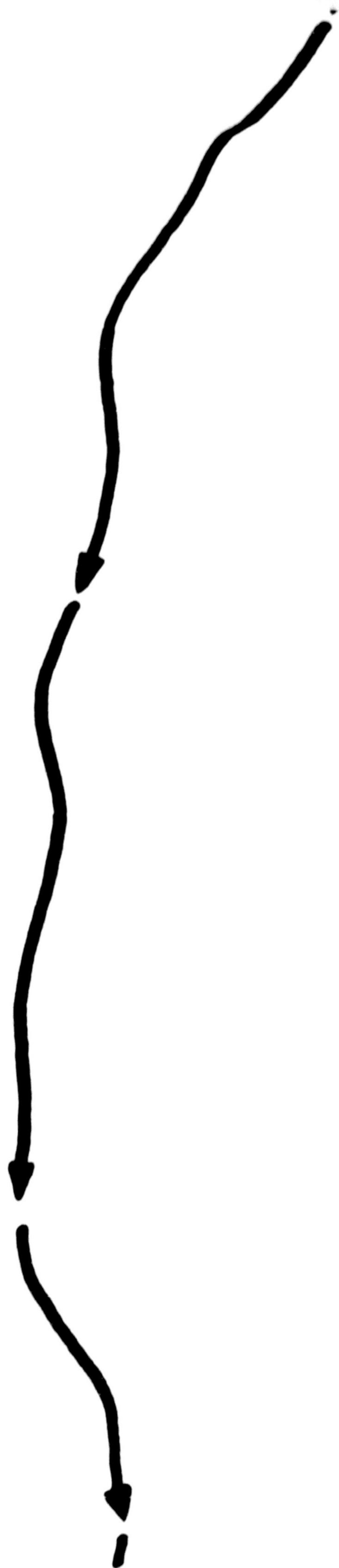
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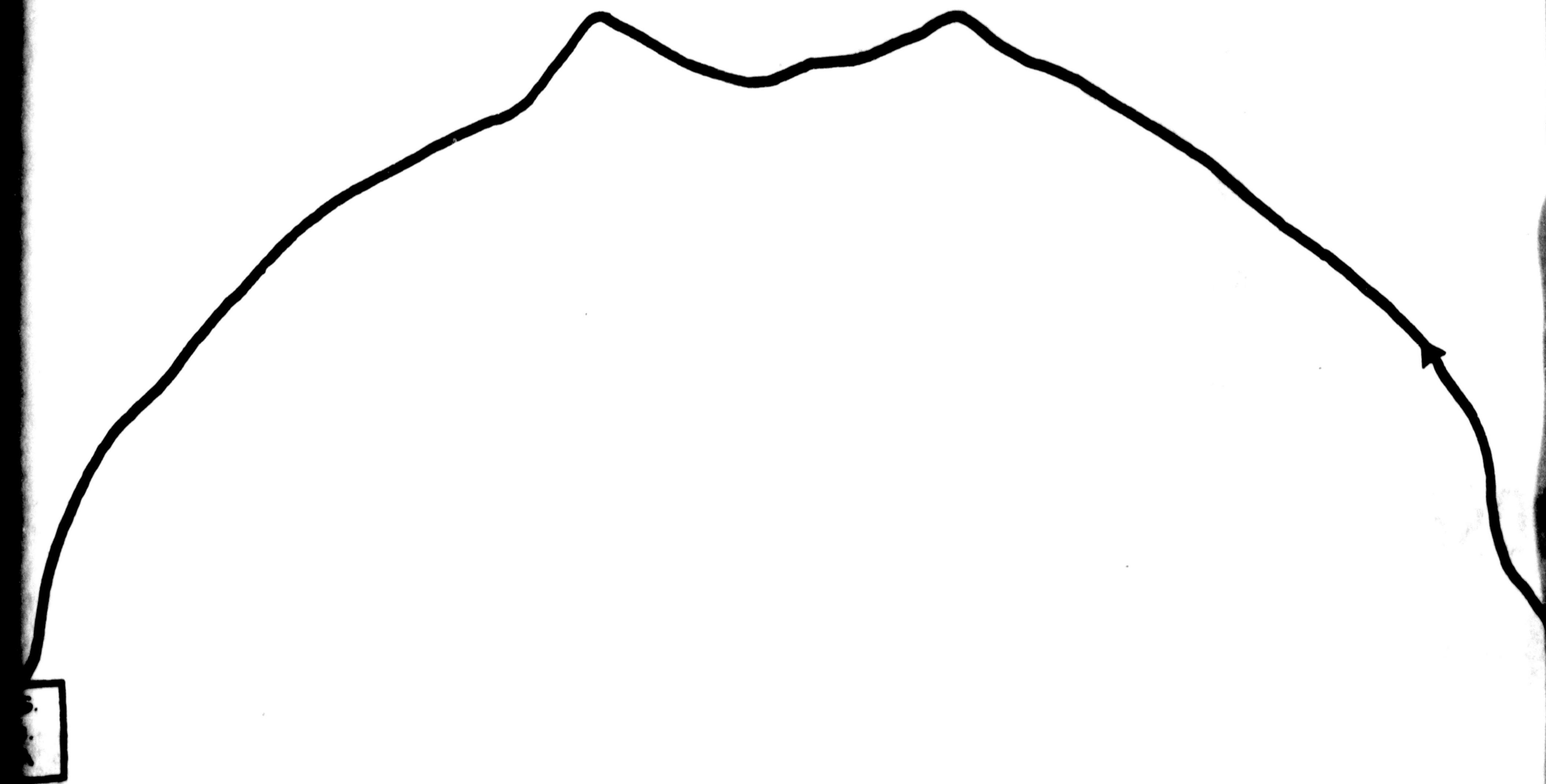


EMERG.  
EVAC.  
AREA

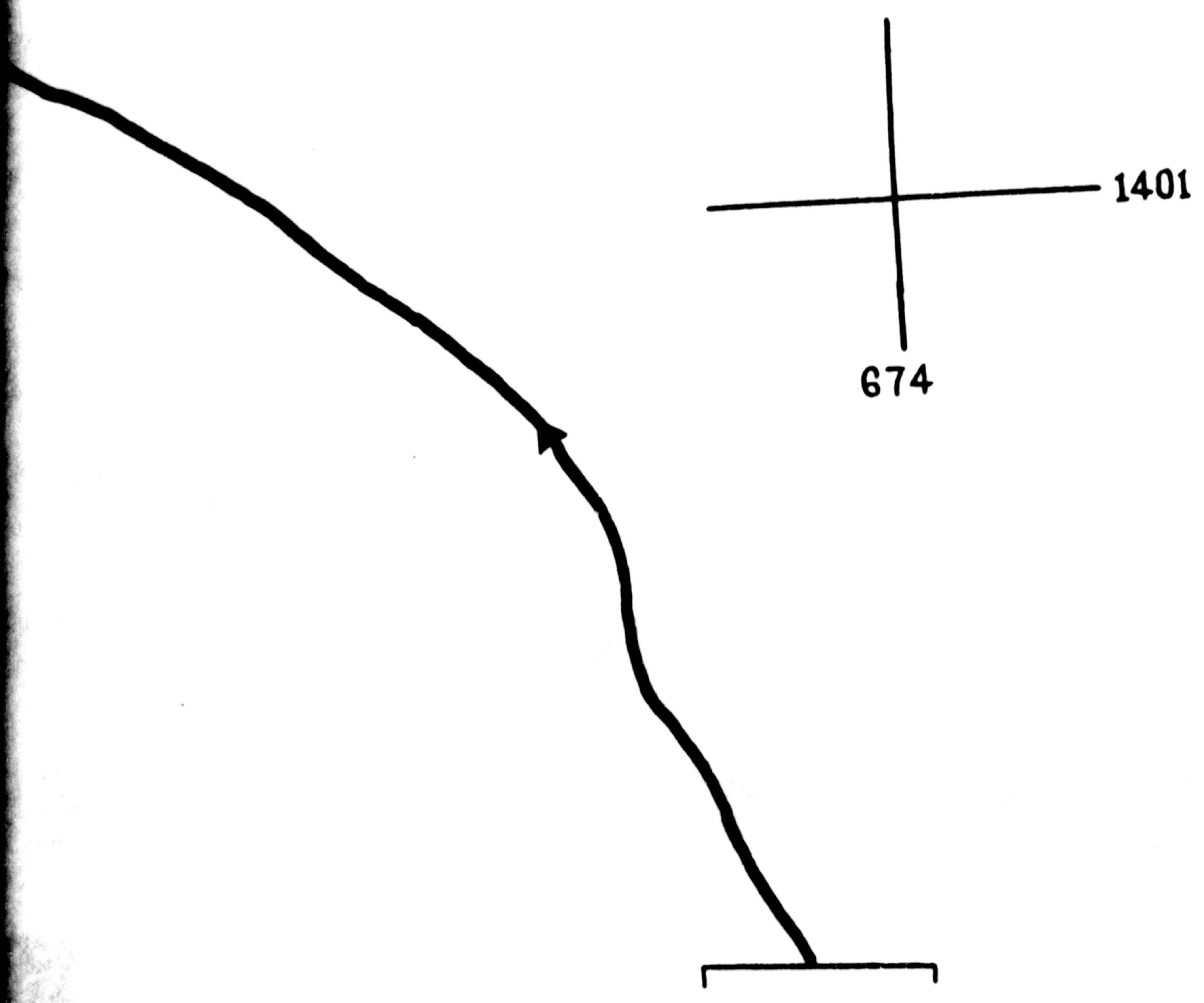




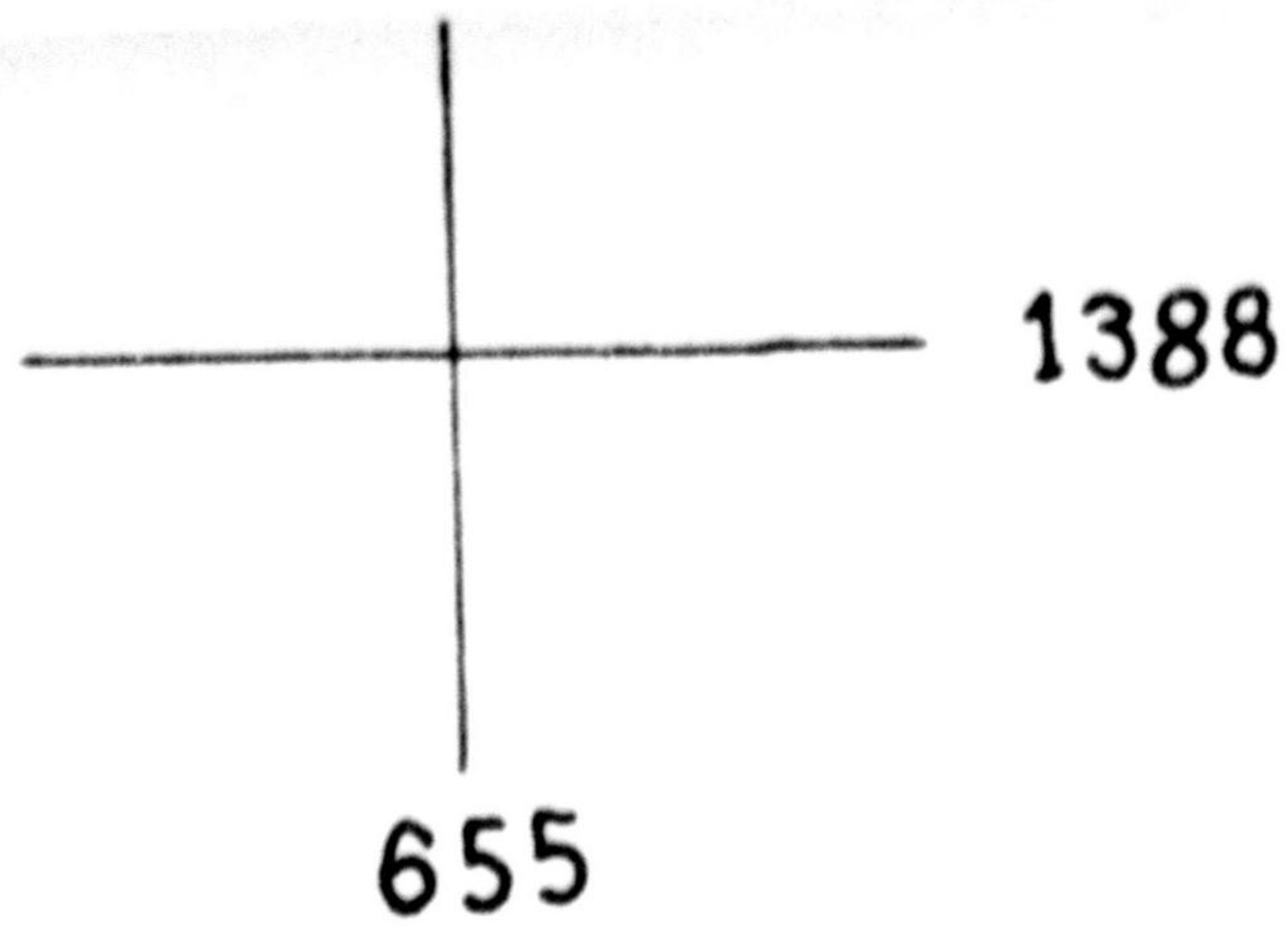
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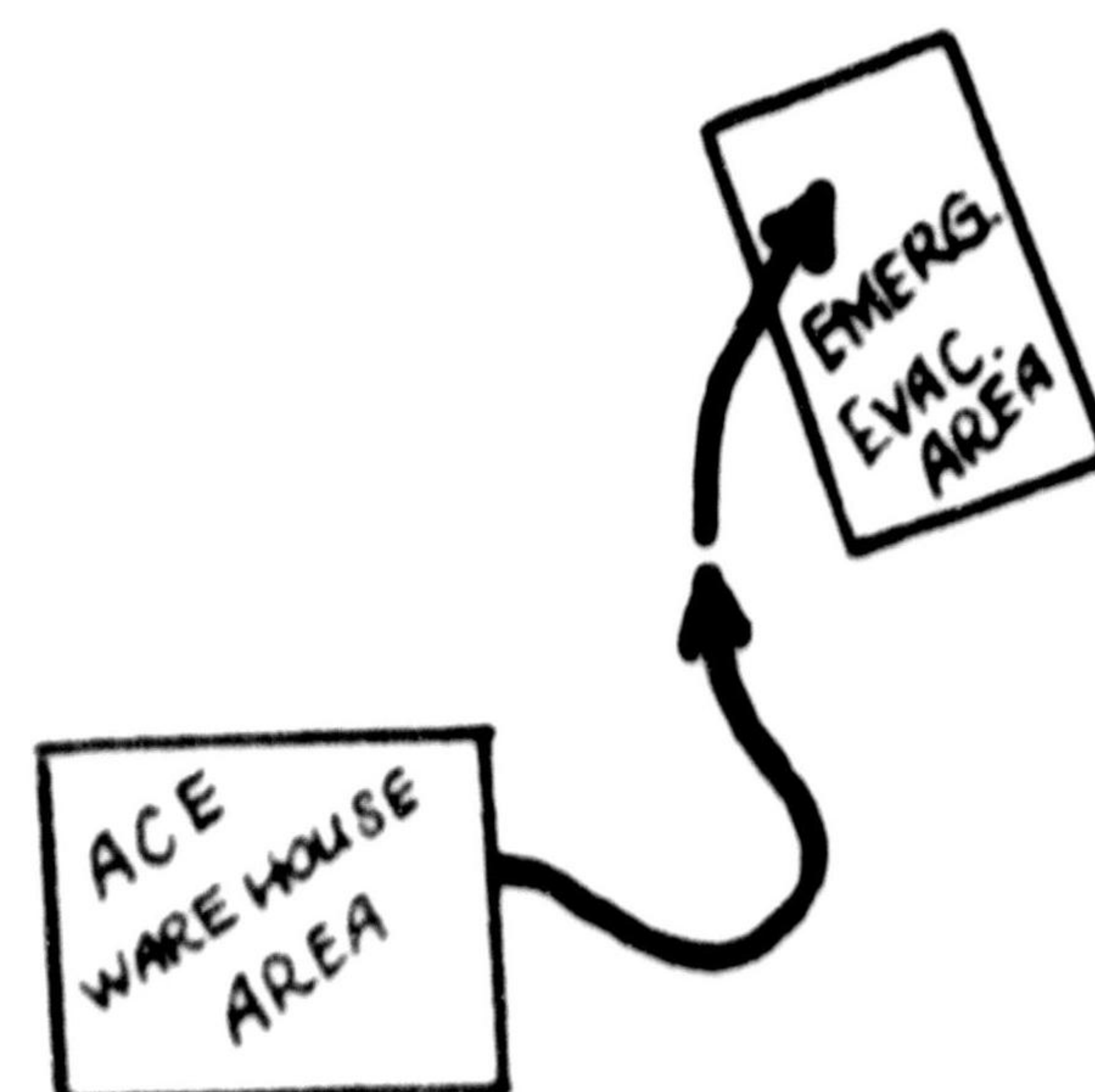




# Annex IV To Opn Directive N

MAP: CENTRAL HONSH

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**Directive No.1. - AUG. 1949 Hq. YOKOHAMA COMMAND**

**CENTRAL HONSHU 1:25000**

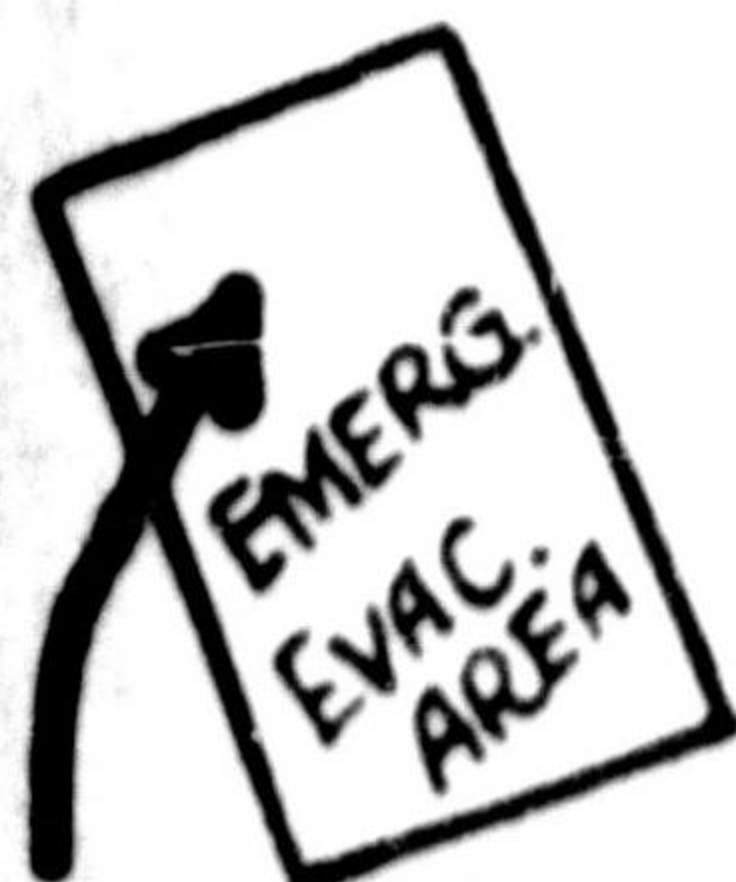
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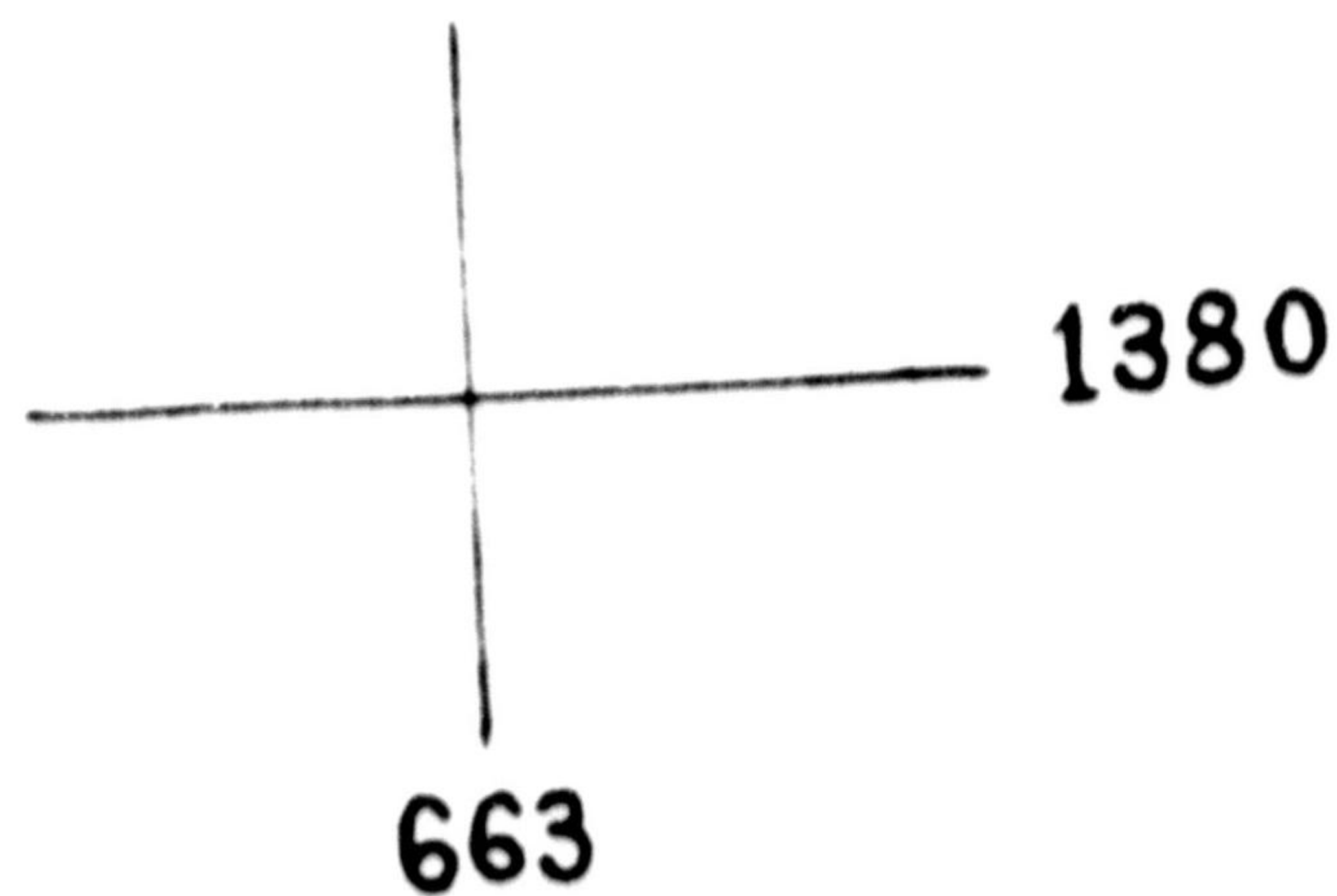


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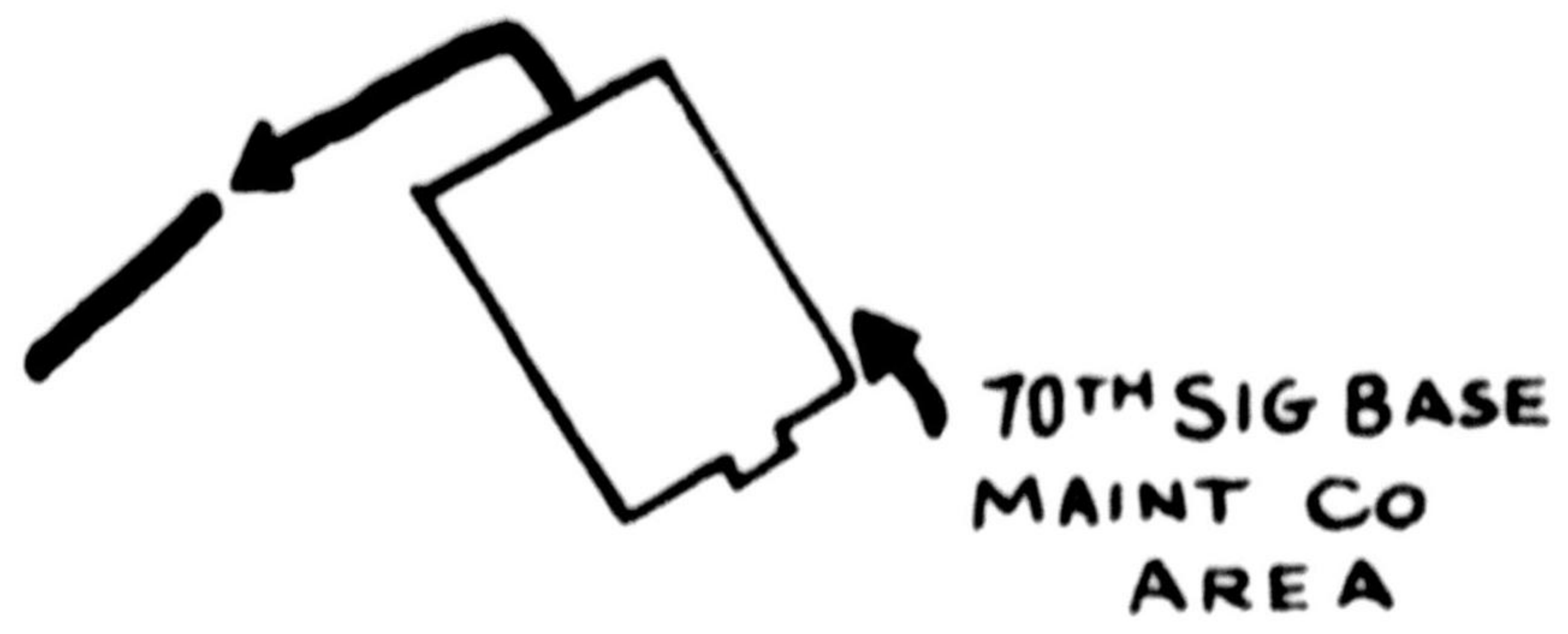
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EVAC. AREA

YOKOHAMA COMMAND



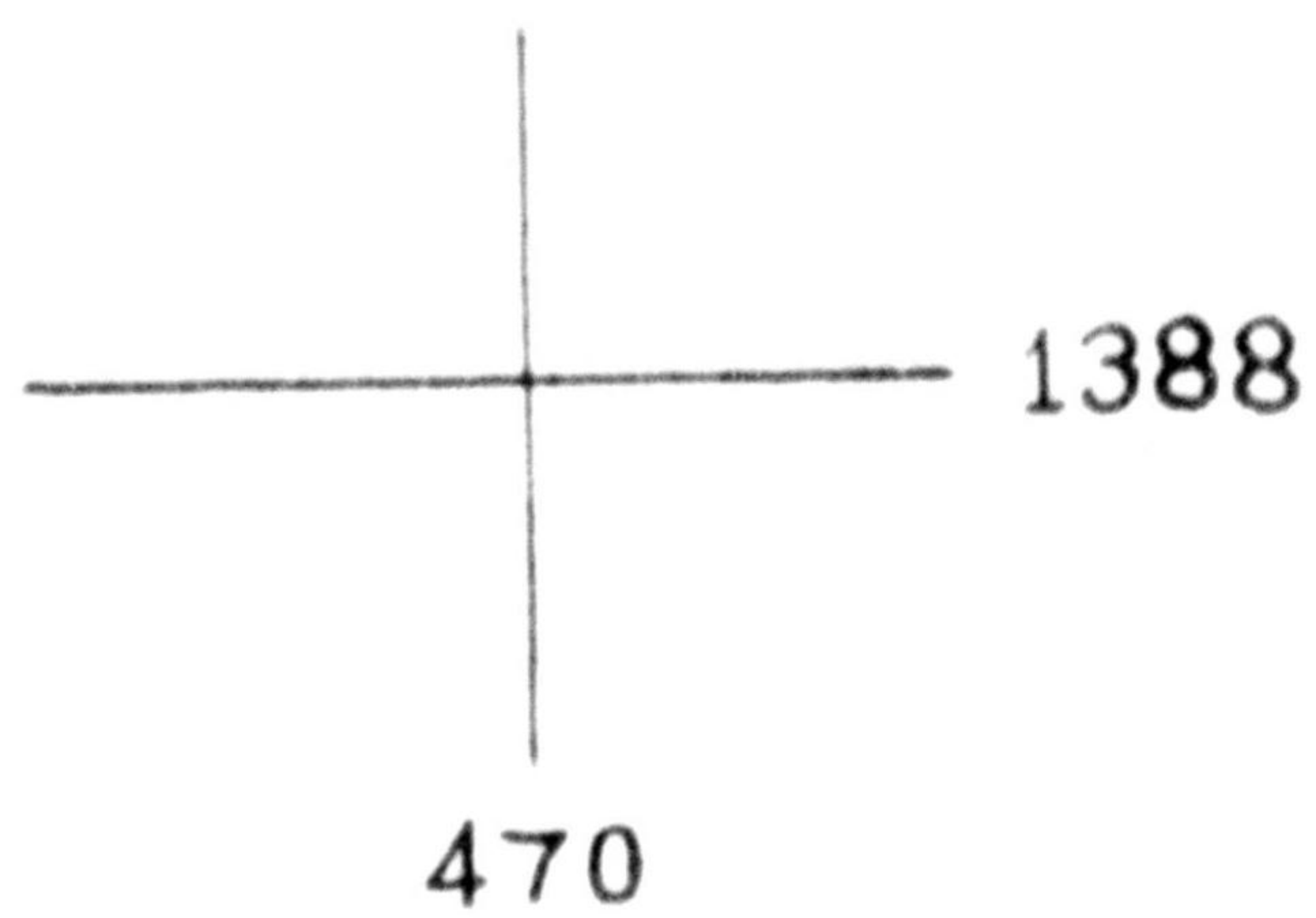
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**ANNEX IV To Opn Dire**  
**MAP: CENT**  
**SHEETS:**





**IV To Opn Directive No.1. - Aug 1949 HQ. YOKOHAMA COM**

**MAP: CENTRAL HONSHU 1:25000**

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<b>6053</b>	<b>III</b>	<b>SW</b>
<b>6053</b>	<b>III</b>	<b>SE</b>
<b>6053</b>	<b>IV</b>	<b>SE</b>

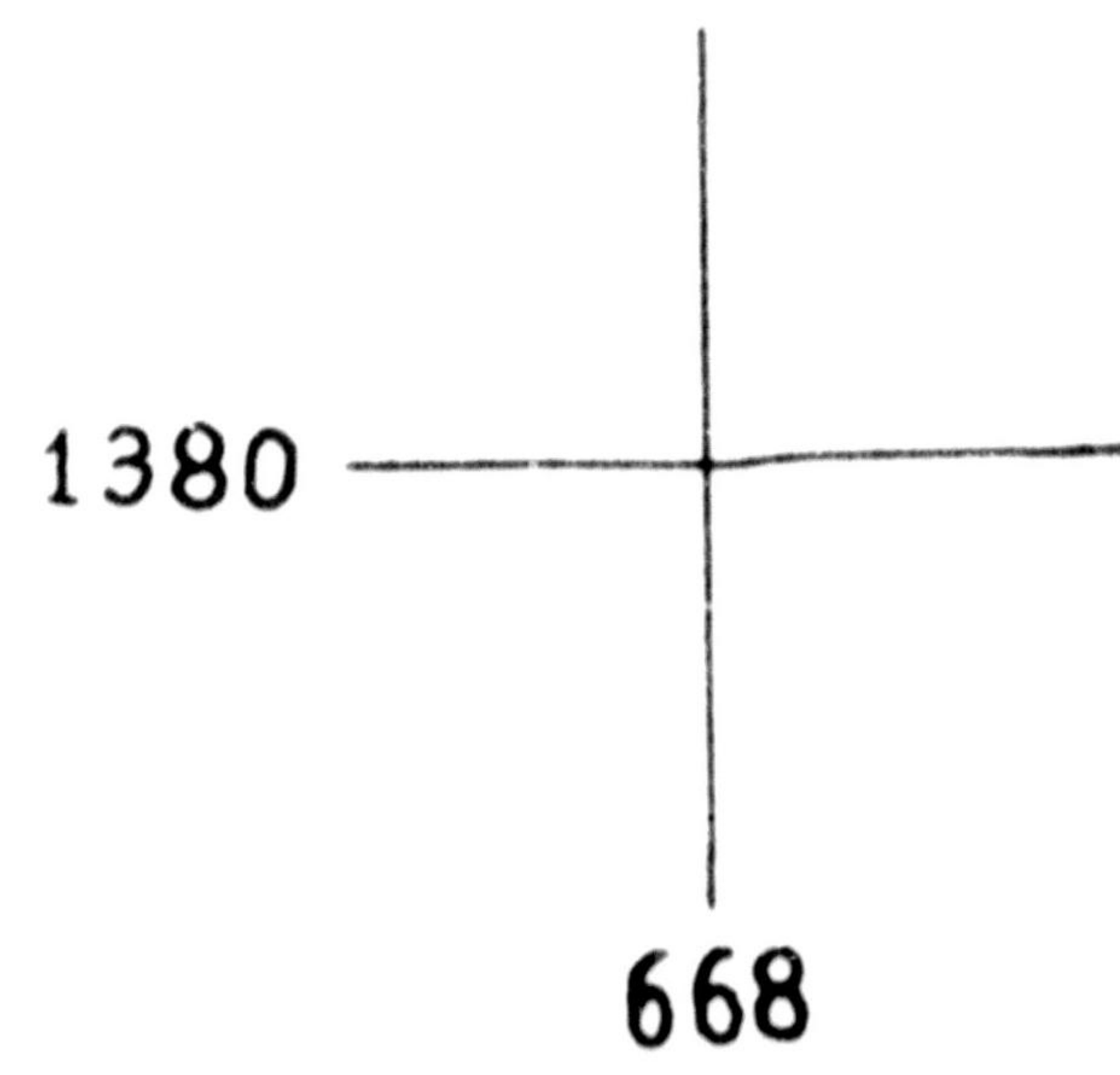


1949 HQ. YOKOHAMA COMMAND

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**SHEETS**





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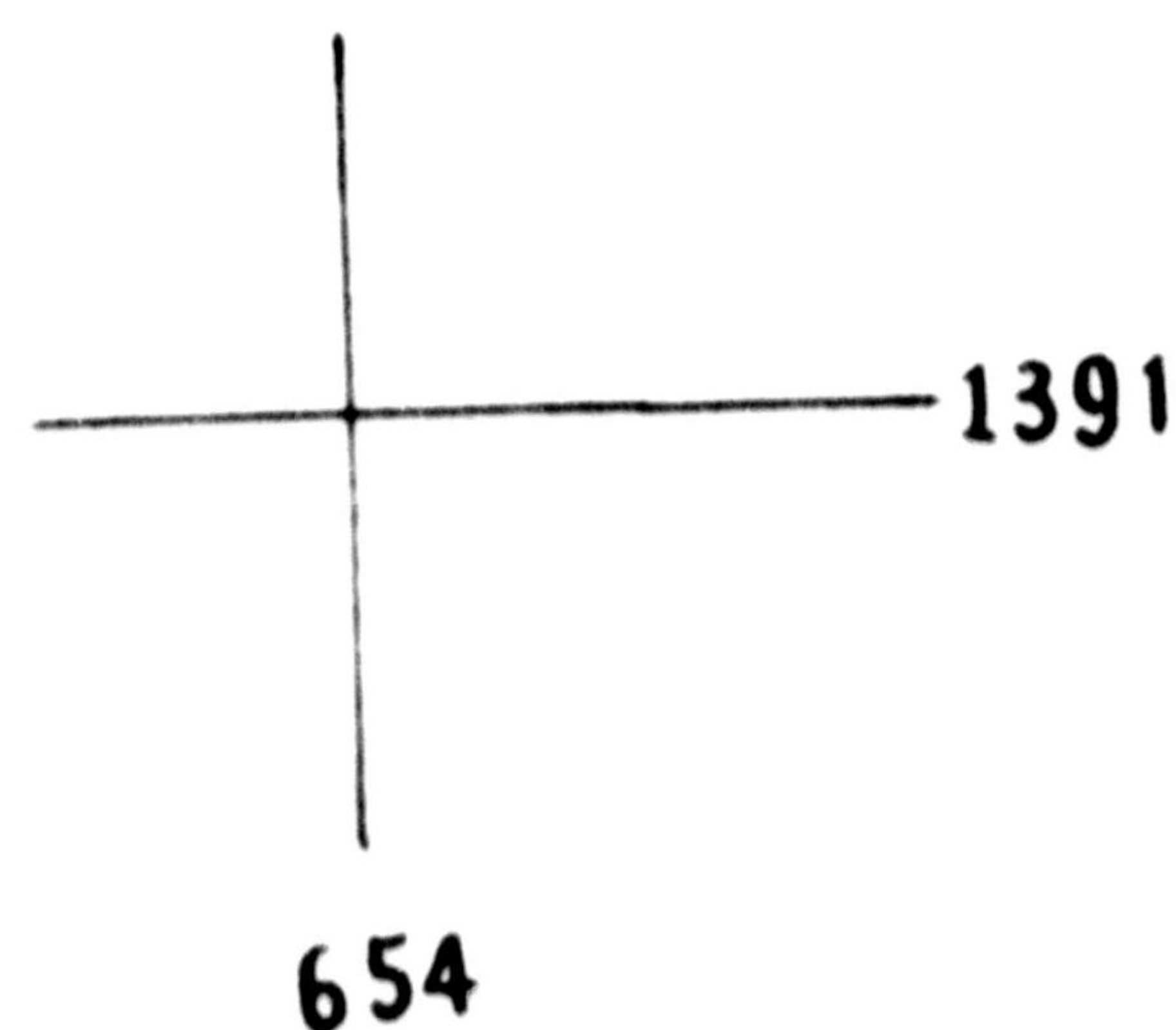


**ANNEX IV To Opn Directive No.1. - Aug. 1949 Hq. Yok**

**MAP: CENTRAL HONSHU 1 : 25000**

**SHEETS:**

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**REST**



3. 1949 Hq. YOKOHAMA COMMAND

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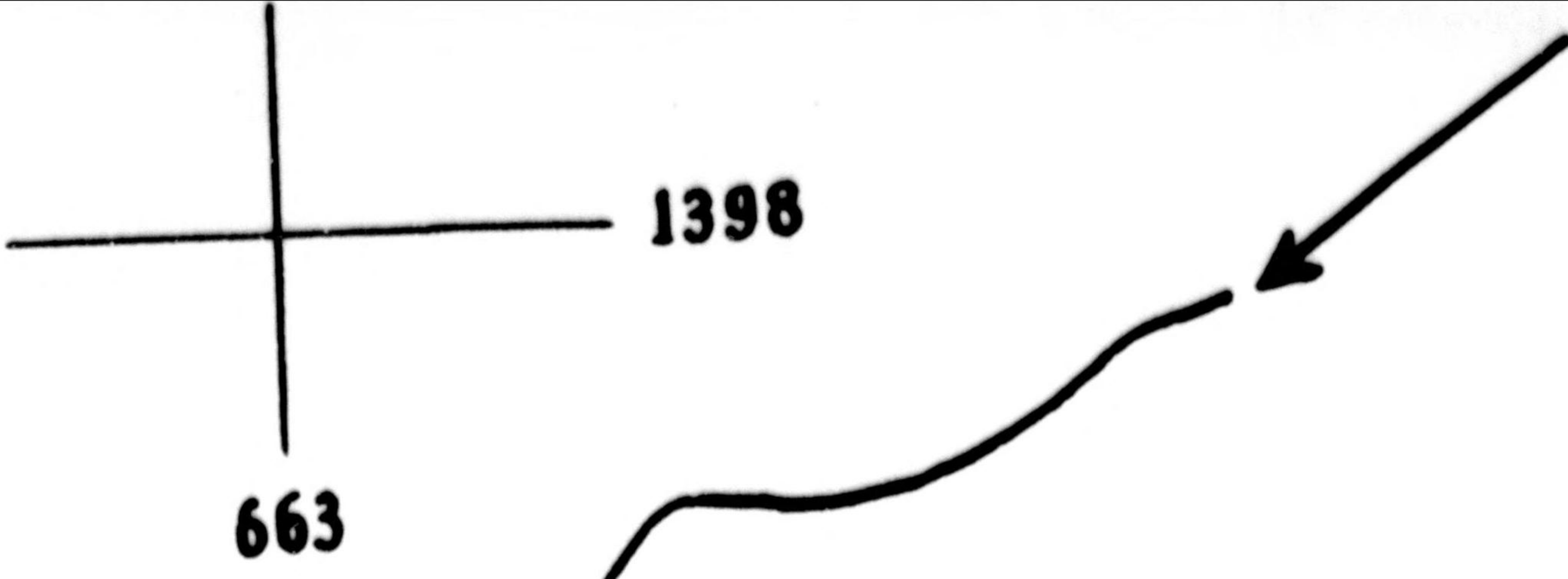
EMERGENCY EVACUATION  
AREA FOR:  
YOKO ENG. DEPOT  
229 ORD. BASE DEPOT

8234 SERVICE DETACHMENT

5TH MEDICAL MOTOR CMD  
DEPOT AND EMERG. EVAC.  
155 STATION AREA  
HOSD EMERG.  
EVAC AREA

RESTRICTED





EMERGENCY EVACUATION  
AREA FOR:  
YOKO ENG. DEPOT  
229 ORD. BASE DEPOT  
  
8234 SERVICE DETACHMENT

212<sup>TH</sup> MP CO. AND  
519<sup>TH</sup> MP BN.  
AREA

212 MP ROUTE

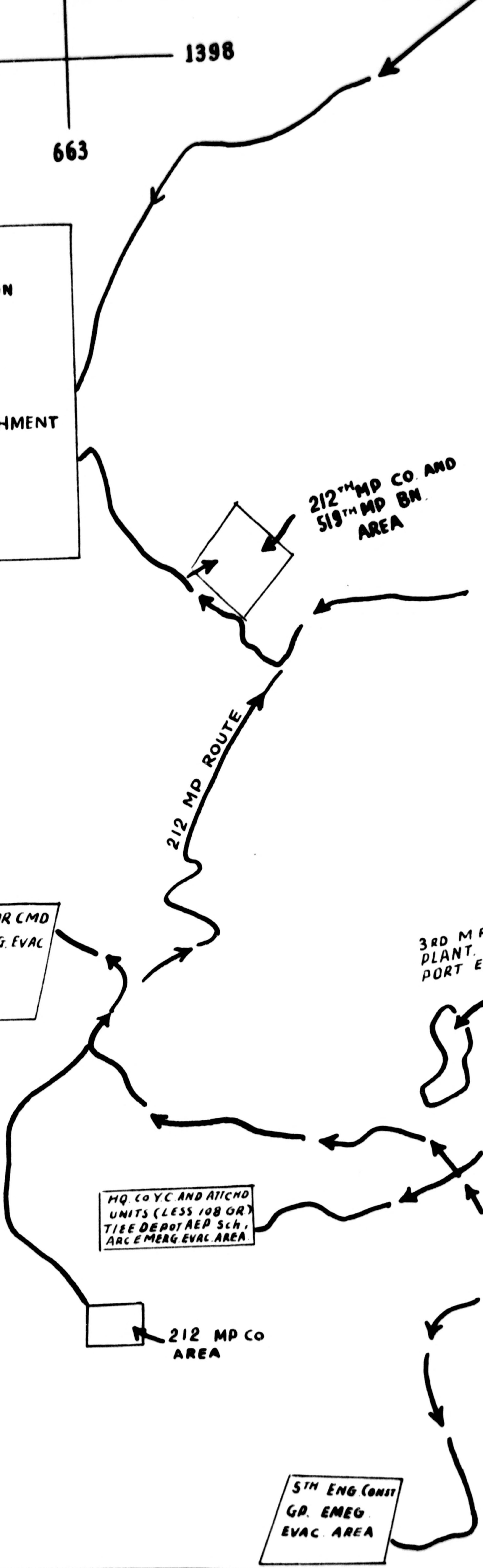
5<sup>TH</sup> MEDICAL MOTOR CMD  
DEPOT AND EMERG. EVAC  
155 STATION AREA  
HOSP. EMERG.  
EVAC AREA

3<sup>RD</sup> MRS. TQM REEFER  
PLANT AND 2<sup>ND</sup> MED  
PORT EMERG. EVAC. AREA

HQ. CO. YC AND ATICND  
UNITS (LESS 108 GR)  
TIE DEPOT AEP Sch.  
ARC EMERG. EVAC. AREA

212 MP Co  
AREA

5<sup>TH</sup> ENG CONST  
GP. EMERG.  
EVAC. AREA





HEADQUARTERS EIGHTH ARMY

INFORMAL CHECK SLIP

(THIS CHECK SLIP IS RESTRICTED TO INTRAHEADQUARTERS USE)

FILE NO. ....

NOTE: USE THIS SLIP FOR NOTES IN CONNECTION WITH THIS PAPER. ALL NOTES WILL BE NUMBERED CONSECUTIVELY, TOP TO BOTTOM. ALL RECORDS NECESSARY FOR INTELLIGENT ACTION SHOULD BE ATTACHED. A LINE WILL BE DRAWN THE FULL WIDTH OF THE SLIP BELOW EACH NOTE. BOTH SIDES WILL BE USED BEFORE ADDITIONAL SHEETS ARE ADDED.

SUBJECT: Disaster Plan

NO.	DATE	FROM	TO	REMARKS
1  3061	14 Oct	G-3	G-2 17/007 sig CAFF	For your information and file.  Smith, B.D. SMITH -(2-0783)-

RECEIVED  
15 OCT 1945  
HQ EIGHTH ARMY







Headquarters  
GS 011.1 Ops  
14 Jul 49

OCCUPATION INSTRUCTION 12/4

DISASTER PLAN

This instruction cancels BCOF Occupation Instruction 12/3 of 16 Jun 49.

OBJECT

1. To specify BCOF area General Disaster Plan.

GENERAL

2. Preparation can be divided into -
  - (a) Action to be taken during a precautionary period when warning of an impending disaster is available.
  - (b) Action to be taken during and after a disaster.
3. Disaster precautions will be principally related to typhoons and floods.

TASKS

4. (a) The protection of the lives and property of members of the United Nations.  
(b) Emergency relief of non members of the United Nations. To be given in extreme cases but not at the expense of members of the United Nations and only through civil affairs and Japanese Government agencies.

PHASES - GENERAL

5. Phase A - Code word - ADELAIDE  
Phase B - Code word - BRISBANE  
Phase C - Code word - CAIRNS  
Phase D - Code word - DARWIN  
Phase E - Code word - ECHUCA  
Phase F - Code word - FREMANTLE
6. Plans will be based on the above phases.

PHASES - DETAIL

Phase A - Code word - ADELAIDE

7. Situation

Warning of typhoon or tidal wave expected to strike area within 24 hours but NOT before 12 hours (See Appx 'A' for details of Typhoon Warning Service).

8. Action

- (a) Issue warning order to all troops.
- (b) Check reserves of food, water and POL.
- (c) Check that all personnel are in possession of their identity discs.

BCOF  
12/4



Phase B - Code word - BRISBANE

9. Situation

Warning of typhoon or tidal wave expected to strike area within 12 hours but NOT before 6 hours.

10. Action

- (a) Issue warning order to all troops.
- (b) All troops except those on duty will be confined to unit areas.
- (c) AFM will be responsible for directing personnel on local leave in KURE to return to barracks.
- (d) Emergency lighting will be distributed, special attention being paid to unit first aid centres and R.P.s.
- (e) In the case of a typhoon warning:
  - (i) Stocks of rations, water and clothing will be lashed down.
  - (ii) Vehicles for which protected garages or standings are NOT provided will be parked and secured on leeward side of substantial buildings or other obstruction to the wind.
  - (iii) Vehicles should if possible be lashed down.
  - (iv) Vehicle covers and tarpaulins will be removed or folded back.
  - (v) Dumps of loose timber, corrugated iron and other materials which might be blown away will be lashed down.
- (f) Institute listening watch on radio receiving sets at clock hours.
- (g) All windows and doors will be closed and secured.

Phase C - Code word - CAIRNS

11. Situation

Warning of typhoon or tidal wave expected to strike area within 6 hours but NOT before 3 hours.

12. Action

- (a) Issue warning order to all troops.
- (b) Arrangements for the evacuation of areas and buildings will be completed and preliminary moves made as necessary.
- (c) Tunnels and caves will NOT be occupied by personnel owing to the risk of their caving in or the entrance being blocked by landslides.
- (d) All personnel will be issued with:-
  - (i) A filled water bottle.
  - (ii) Emergency rations.
  - (iii) A first field dressing.
  - (iv) Water sterilisation outfits.



(e) The following will stand to at two hours' notice:-

- (i) Inlying piquet.
- (ii) Fire fighting squads.
- (iii) Medical detachments.
- (iv) Rescue and clearance squads.
- (v) Demolition squads (Engineers only)

(f) Liaison officers:-

Each group will be prepared to send one Liaison Officer to report to this HQ conference room on demand. He will bring with him:-

- (i) Jeep and driver.
- (ii) Bedding.
- (iii) Eating utensils.
- (iv) Equipment including revolver and ~~ammunition~~.
- (v) The driver will be similarly equipped.

(g) IT IS OF THE UTMOST IMPORTANCE THAT GROUP COMDS ENSURE THAT:

- (i) PERSONNEL ARE ALLOTTED SAFE PLACES OF SHELTER.
- (ii) PERSONNEL KNOW THE PLACES TO WHICH THEY HAVE TO PROCEED.
- (iii) PERSONNEL KNOW THEIR ALLOTTED TASKS.

Phase D - Code Word - DARWIN

13. Situation.

- (a) Imminent typhoon or tidal wave about to strike area within 3 hours.
- (b) Flood, fire, or volcanic eruption NOT as yet constituting a disaster but capable of developing into one within a short time.

14. Action

- (a) Implement phases B and C if NOT already in force.
- (b) Place TOP SECRET, SECRET and CONFIDENTIAL documents in safes in protected buildings.
- (c) Extinguish all oilstoves, braziers and fires.
- (d) (i) Emergency lamps will be lighted and placed if necessary where they are NOT likely to cause fires if they are knocked down or blown over.  
(ii) Electric torches are invaluable under disaster conditions. Personnel owning them should have them in their possession.



- (e) The following will stand by at immediate notice:-
- (i) Inlying piquet.
  - (ii) Fire fighting squads.
  - (iii) Medical detachments.
  - (iv) Rescue and clearance squads.
  - (v) Demolition squads (Engineers only)
- (f) In the case of fire, normal action will be taken to control and to extinguish it.
- (g) Implement evacuation plan depending on the type of disaster to be expected.
- (h) Evacuate all Japanese from group areas except those living within such areas.
- (i) Open wireless communication between this HQ and groups if NOT already open.

Phase E - Code word - ECHUCA

15. Situation

- (a) Typhoon or tidal wave actually striking the BCOF area.
- (b) Flood, fire or volcanic eruption of sufficient intensity or size as to constitute a disaster.
- (c) Earthquake. (Notes on Earthquake precautions are attached at Appx B)

16. Action

- (a) Implement Phase D if NOT already in force, as far as conditions permit.
- (b) Thereafter as advised by this HQ or by Group Comds based on local situation.

Phase F - Code word - FRENTLE (Disaster passed or effects under control)

17. Group Comds will submit reports to this HQ by the most expeditious means on:

- (a) The location and magnitude of any damage
- (b) Requirements of assistance
- (c) Casualties
- (d) Action being taken
- (e) Any other relevant information

(f) Thereafter, or as the situation warrants, submit sitreps as at 0800 and 1400 hrs daily until orders to cease are received.

18. Group Comds will

- (a) Have the inlying piquet standing by to render assistance within or without their areas.



- (b) Ensure immediately the security of their areas against looting.
- (c) Make a survey of damage, etc.
- (d) Restore, rehabilitate or construct emergency facilities in the following order:
  - (i) Water supply
  - (ii) Medical facilities pending evacuation of casualties to hospital
  - (iii) Make emergency repairs within their areas to:
    - Roads
    - Emergency lighting
    - Heating facilities
    - Latrine facilities and
    - Ablution accommodation

19. AFM will be responsible for:

- (a) Providing patrols to ascertain damage done to roads and railways.
- (b) Immediate provision of patrols to prevent looting.
- (c) Detailing a Provost officer to contact the Japanese Police and ascertain from them details with respect to the civil population as in para 17 above.
- (d) Immediate provision of standby patrols as follows:
  - (i) Central Provost Station - 6 each of 3 ORs with 1 Offr

20. If necessary, Infantry as are available in KURE area will reinforce Provost in the prevention of looting and disturbances.

GROUPING OF UNITS FOR SUB-AREA CONTROL

21. Group 1

- (a) Comd - Camp Comd HQ BCOF
- (b) Units - HQ BCOF  
All units, dets units and installations located in HQ BCOF Camp and KURE House areas less Occupation Force Automatic Telephone Exchange KURE.  
C in C's Residence  
HQ BCOF Transport Pool  
'A' Officers Mess  
Dependents Houses above ANZAC Park

22. Group 2

- (a) Comd - CO BCOF BOD
- (b) Units - BCOF BOD  
All units and installations in KURE Docks area including AA Canteens Service BCOF det, Seamen's Mission and BCOF Amenities Unit, Cinema, Wksp and Store.



23. Group 3

- (a) Comd - OC BCOF Detention Barracks
- (b) Unit - BCOF Detention Barracks

24. Group 4

- (a) Comd - CQ BCOF Sigs Regt
- (b) Units - BCOF Sigs Regt  
BCOF Cipher Tp  
All units, dets units and installations in the  
COMMONWEALTH BARRACKS Area including Fleet  
Canteen.  
  
Station Hotel KURE  
Occupation Forces Automatic Telephone Exchange  
KURE.

25. Group 5

- (a) Comd - CO BCOF Gen Hosp
- (b) Units - BCOF Gen Hosp  
BCOF Dental Unit  
'B' Officers Mess  
Officers Club  
Muriel Wilson Hostel

26. Group 6

- (a) Comd - Comd RAASC
- (b) Units - All units, dets units and installations in  
RAASC area.  
RTO KURE and det 3 TMRS

27. Group 7

- (a) Comd - NOIC KURE
- (b) Units - Port Directorate and HMAS COMMONWEALTH areas.

28. Group 8

- (a) Comd - CO BCOF Wksp
- (b) Units - All units in BCOF Wksp area  
AACS BCOF det Freezer  
BCOF Labour Unit

29. Group 9

- (a) Comd - Comd CHUGOKU Civil Affairs Region
- (b) Units - All Civil Affairs teams KURE area including  
BCOF Govt Sec (less dets)  
Atomic Bomb Casualty Commission concerns  
NORTH CAMP Settlement HIRO

30. Group 10

- (a) Comd - CO BCOF Engr Regt
- (b) Units - Tug Control Area  
BCOF Engr Regt  
BCOF Int and Detailed Interrogation Unit (less dets)  
2 District CIC HQ  
Dependents' Houses POINT CAMP area



31. Group 11

- (a) Comd. - CO 3 Bn Royal Aust Regt
- (b) Units - All units, dets units and Occupation Force installations in HIRO area less NORTH CAMP Settlement area.

32. Group 12

- (a) Comd - CO 77 (F) Sqn
- (b) Units - All units, dets units and installations IWAKUNI area.

GROUP COMDS RESPONSIBILITIES

33. Group Comds will prepare and maintain up to date Group Disaster plans based on Phases A to F. Plans will include areas and buildings which should be evacuated in the event of each type of disaster.

34. Plans will be rehearsed periodically by groups.

35. Group Comds are responsible that -

- (a) their units and sub units are fully conversant with their Group Disaster plans and are trained in its application.
- (b) all equipment, tools, fresh water, etc., required for use in an emergency are maintained in good order and are inspected and tested regularly.
- (c) Plans are reviewed monthly.
- (d) recce is made for alternative sites should the group have to be wholly or partly evacuated.

MEDICAL

36. MOs are allotted to groups as follows:

- (a) Groups 1, 2, 3, 4 - RMO BCOP Sigs Regt
- (b) Groups 6, 7, 8, 10 - RMO BCOP Engr Regt
- (c) Group 11 - RMO 3 Bn Royal Aust Regt
- (d) Groups 9 and 12 - Self supporting

37. RMOs will -

- (a) report to their respective RFPs on Phase C (CAIRNS)
- (b) arrange that all RFPs in their group are stocked with Disaster Plan stores.
- (c) in liaison with Group Comds have emergency casualty accommodation earmarked.

38. Group Comds will ensure that -

- (a) All units in their group have in reserve
  - 1 Field dressing per man
  - 1 Shell dressing per 20 men



- (b) men will be trained on the basis of 4 per 100 in stretcher and first aid duties.
- (c) stretchers are available for use by rescue and clearance squads.

39. Action during and subsequent to disaster.

- (a) Casualties will be taken to RAPS and not direct to the hospital. This HQ will inform group commanders of location and site of RAPS functioning and will exercise control over the call forward of casualties.
- (b) In the event of disaster BCOF General Hospital is the only surgical centre to which casualties can be evacuated. It is essential therefore that:
  - (i) Should BCOF General Hospital be damaged and its future availability as a hospital be in doubt, immediate action is taken to establish hospital facilities elsewhere.
  - (ii) That the functioning of the hospital is not encumbered by its use as emergency accommodation.
  - (iii) That minor casualties are retained in group areas.

GENERAL POINTS

40. Fire Fighting

- (a) The Fire Marshal HQ BCOF is responsible for the co-ordination of fire fighting in the FURE area, (Phone 22032 or after hours 55183) as any disaster is almost certain to be accompanied by an outbreak of fire.
- (b) All calls for assistance in fire fighting will be made to the Fire Marshal.
- (c) Priority will be given as follows:
  - (i) Saving of lives
  - (ii) Saving of hospital accommodation
  - (iii) Saving of foodstuffs
  - (iv) Isolation of fire which might cause a general conflagration

41. Rescue and Clearance

- (a) Groups will detail rescue and clearance squads consisting of -
  - (i) 1 NCO and 10 men
  - (ii) One squad per 100 men
- (b) These squads will be available for immediate use in group areas. If, however, an area is not affected by the disaster, they can be detailed for work in other areas on orders from this HQ.



(c) Equipment required by these squads will be:

Picks	Crowbars	Axes	Shovels
Hammers	Buckets	Ropes	Saws

(d) All requests for mechanical equipment and demolition squads will be made to this HQ.

(e) Additional tools engineer stores, etc., will be provided through engineer channels on submission of demands.

#### 42. Evacuation of Buildings

A guide to evacuation of buildings on receipt of warning or of indication of approach is:

- (a) Earthquake : All buildings, especially brick which are liable to collapse in the event of an earthquake will be evacuated.
- (b) Tidal waves not exceeding 8 ft above high water level. All lightly constructed buildings in areas which may receive the full effects of the wave and all buildings which are likely to be heavily flooded.
- (c) Typhoon : Upper floors of wooden and lightly constructed brick buildings and all floors of buildings whose structures would appear not sufficiently strong to withstand the force of a typhoon.
- (d) Fire : All nearby buildings, which are likely to catch alight.
- (e) Volcanic Eruption : May be accompanied by earthquakes and fires and evacuation would be effected accordingly.

#### 43. Engineers

- (a) HQ BCOF will co-ordinate demands on Engr resources.
- (b) BCOF Engr Regt RAE may be called upon to carry out any or all of the following tasks:-
  - (i) Clearance of debris especially in connection with rescue work.
  - (ii) Repair of water supply within BCOF installations.
  - (iii) Repair of electricity supply within BCOF installations.
  - (iv) Repair of existing road and rail communications.
  - (v) Provision of cooking, ablution and latrine accommodation in affected areas and on refugee routes.
  - (vi) Demolition of unsafe buildings.
  - (vii) Demolition of buildings to provide fire breaks.
  - (viii) Installation of emergency power to operate RAAC refrigeration plant.

#### 44. Prevention of Sabotage, Looting, etc.

- (a) Vigorous action may be required for the prevention of looting, pilfering, sabotage, etc., both during and after disaster.



- (b) Group Comds will be responsible for the security of his own area and guards will be posted accordingly.
- (c) Armed inlying piquets of 15% of strength will also be held in readiness to be used either inside or outside the group area.
- (d) Immediate and strong action will be taken against all looters or saboteurs. Strong action will mean that in the event of guards not being able to arrest looters, saboteurs, they will be fired on with controlled individual rounds of small arms fire. The use of automatic weapons or the use of more than one rifle on an individual is prohibited.
- (e) Infantry personnel located at the time in the YURE area and who are available will stand by for use under direction of this HQ.

#### VISUAL TYPHOON WARNING SYSTEM

##### 45. Visual Signal System

The following system will be instituted in order to provide a visual means of notifying all ranks of the existing state of readiness.

- (a) A flag pole will be erected on the most conspicuous point within group areas.
- (b) Red Pennants will be displayed to denote the state of readiness in force as follows:
  - (i) PHASE A - ADEALIDE            One red pennant
  - (ii) PHASE B - BRISBANE           Two red pennants
  - (iii) PHASE C - CAIRNS            Three red pennants
  - (iv) PHASE D - DARWIN            Four red pennants
- (c) Pennants will be issued to groups by RCOF BOD.

#### INTERCOMN

##### 46. Use of Code Words

Notification of an impending or actual disaster will be passed to groups by the most expeditious means and will contain the following information:

- (a) Nature of disaster
- (b) ETA (if applicable)
- (c) Place affected
- (d) Code word to implement required state of readiness.

eg : "TYPHOON WARNING ETA 022300 (SOUTH POMSHU)  
CAIRNS"

##### 47. Means of Intercomn

- (a) If telephone system is unserviceable reliance will be placed upon:
  - (i) Wireless communications where available
  - (ii) Liaison officers
  - (iii) DRs



- (iv) MT
- (v) Watercraft
- (vi) Runners
- (b) (i) On receipt of PHASE B warning (code word: BRISBANE), Group Comds will institute a listening watch at clock hours on two (or one, if two are NOT available) battery wireless receiving sets in the frequency of the BCOF Broadcasting Station WLKS KURE.
- (c) Japanese Civil telephones have been installed at Key points throughout the BCOF area and may be used if KURE Army Exchange is out of action.
- (d) Emergency wireless communications have been installed and details of the net will be issued a later date.
- (e) In order that the KURE exchange may function at maximum efficiency during a disaster, certain non-essential numbers will be blocked off. List of numbers affected is attached as Appx 'C'.
- (f) The blocking off of these numbers will be ordered to Signals by HQ BCOF when considered necessary by means of the code word "ANDOVER".

48. ACK

*R. J. Jones*  
Lieutenant Colonel  
General Staff

List B

Eighth US Army	26
CHUGOKU Civil Affairs Region	7
The Secretary Dept of Defence (for Joint Secretary COS Committee)	4
ACNB	
AHQ MELBOURNE	4
RAAF HQ	4

List A



TYPHOON WARNING SERVICE

TYPES OF MESSAGES

1. Meteorological stations originate the following types of messages:

- (a) Advisories are information messages reporting the existence, position, intensity and track of a tropical depression, storm, or typhoon located in the Pacific Ocean area which may effect the BCOF area.
- (b) Alerts are issued for those localities in the BCOF area expected within the next 36 hours to be in or adjacent to the path of any storm or typhoon with surface winds over 32 miles per hour.
- (c) Warnings are issued when the path of a typhoon is expected to pass BCOF area within the next 24 hours. Phase A - Code word ADELAIDE will be implemented on receipt.
- (d) All Clear is issued when all danger of destructive winds has passed. Phase F will be implemented on receipt.

2. Typhoon Messages originated by HQ BCOF will

(a) contain the following information:

- (i) Type and intensity
- (ii) Location of centre
- (iii) Radius of wind forces
- (iv) Direction and movement
- (v) Forecast of position in 12 and 24 hours

(b) be issued at six hourly intervals during an alert and at three hourly intervals during a WARNING.

(c) be sent with the following priorities:

- (i) ADVISORIES      PRIORITY
- (ii) ALERTS            OPERATIONAL IMMEDIATE
- (iii) WARNINGS        OPERATIONAL IMMEDIATE

(d) be acknowledged by the recipient.



SPECIAL PRECAUTIONS TO BE TAKEN IN THE EVENT OF EARTHQUAKE

1. During Normal State

- (a) ensure that all ranks are conversant with the provisions of detailed hereunder.
- (b) Ensure that orders are issued to, and are understood by all Service or Japanese personnel in charge of Electricity Supply, Gas, Steam Heating and water installations which supply the Occupation Force, in accordance with the provisions of para 3 below.

2. Action of troops during an earthquake

- (a) Evacuate buildings and move rapidly to areas where there is NO danger from falling objects.
- (b) Where time allows, extinguish/remove all oil stoves, braziers, electric fires or naked flames.
- (c) When the earthquake is over, inspect buildings for possible damage that might render them unsafe.

3. Action to be taken by personnel in charge of power etc. Installations during an earthquake

At the first indication of an earth tremor:-

(a) Electricity Supply

- (i) All sub-stations supplying electrical energy to Occupation Force installations will be immediately disconnected from those installations.
- (ii) At local Military Power Stations, switches will be withdrawn to disconnect the power Stations from their respective loads, and the stations closed down.

(b) Gas Supply

Gas supply will be immediately cut off from BCOF installations.

(c) Steam Heating

- (i) Steam will be turned off at the Boiler house either by closing the main boiler steam valves or by closing the valves on the steam leader.
- (ii) Where liquid fuel firing is employed, the fuel supply will be turned off.
- (iii) Where coal firing is employed dampers will be closed and firing doors opened. It is emphasized that SAFETY VALVES must be maintained in first class condition to enable surplus steam to blow off, and for this reason, must be checked periodically.

(d) Water Supply

- (i) It is essential that water supply remains turned on to deal with possible fires.
- (ii) In cases where the supply of water is dependent on the supply of electricity, therefore, the supply of electricity to pumping stations must be turned on again as soon as it is safe to do so.



Water Supply (Contd)

- (e) It must be impressed on all operators that the initiative for taking action rests with them, since there will be NO time for the issue of specific orders.
  - (f) Installations, including water supply installations, will NOT be put back into operation until the local Commander is satisfied that there is no likelihood of danger to life and property by so doing.
-



Appendix C to BCOF  
Occupational instr 12/4 dated  
14 Jul 49.

1. As and when necessity for blocking off non-essential numbers on the exchange may occur HQ BCOF will initiate action by use of the code word ANDOVER.

2. On receipt of ANDOVER BCOF Signals Regt will cut all numbers with the exception of those listed below.

Appointment	Office	Qtrs	Appointment	Office	Qtrs
C-in C	22406	22313	<u>A Branch</u>		
PA to C in C	22829	<del>22729</del>	AAG	22936	22364
C of S	22830	22133	DAAG	22939	
PAO	22822	55274	SC A	22003	
			"	22937	
<u>Public Relations</u>			Col Q	22043	22762
ADPR	22621	22774	DAQMG	22045	
BCOF Office KURE	22016		DAQMG	22041	
			SC I	22042	
<u>G</u>			FIRE MARSHAL	22032	
GSOI	22536	22580	DAQMG (Mov)	22137	
GSOII Ops	22711	22774	<u>Transportation</u>		
GSOII SD	22202		DAD Tn	22532	
GSOIII	22201		<u>ST</u>		
OC BIDIU	22197		Comd	22239	55191
<u>Civil Affairs</u>			DADST	22815	
CO BCOF Civil Affairs Sec 2646		55533	Capt Sups	22685	
<u>ENGRS</u>			Adjt	22603	
CRE	22457	22775	BCOF ASD	22687	
2 i/c	22457		DID KURE	22717	
SORSII	22947		DID HIRO	55433	
Adj	22944		119 Tpt Pl	22710	
Maint	22851		120 Tpt Pl	22714	
POW	22032		<u>Medical</u>		
Tpt	22260		CO	22145	
RAP	22283		DADMS	22048	
Duty Officer	22410		Registrar	22453	
E & M Tp	22600		Operating Theatre	22957	
Stores Depot	22459		Surgical Ward	22960	
Works Tp Pt Camp	22702		Medical Ward	22950	
Works Tp HIRO	55351		Families Ward	22965	
			Fire Station	22955	
<u>Signals</u>			<u>Infantry 3 Bn</u>		
CO	22162	22382	CO	55512	
Adjt	22350		2 i/c	55513	
Duty Sig Officer	22433		Adjt	55514	
Sig Office	22615		<u>Ordnance</u>		
US Sig Liaison Offr	22412		ADCS	22763	
	22209		Comd BOD	22900	
Cipher Office	22430		Control	22663	
Wireless Receiver			Adjt	22667	
Room	22428		1 Sub Depot	22913	
Receivers HIRO	22220		BAC KIRIYUSHI	53223	
Transmitters	22352				
Duty Officer	22350				
AFZAC Exchange	35350				



<u>Appointment</u>	<u>Office</u>	<u>Qtrs</u>	<u>Appointment</u>	<u>Office</u>	<u>Qtrs</u>
<u>Ordnance</u>			<u>Civil Affairs</u>		
Veh & Small Craft Pk	55521		<u>CHUGOKU Civil Affairs</u>		
BCOF Mob Laundry	55011		<u>Region</u>		
<u>EME</u>			Public Welfare	22067	
			Public Health	22635	
CO	22483		Civil Information	22561	
Adj	22692		<u>HIROSHIMA Civil</u>		
Duty Officer	22886		<u>Affairs Team.</u>		
<u>Pro</u>			CO	22642	55538
AFM	22359	22791	Executive Officer	22478	55555
OC	22097		Branch Office	22033	
Duty Officer	22314		<u>CIC</u>		
Docks Office	22119		CO.	22243	
SIB	22050		Adj	22242	
<u>Postal</u>			<u>HIROSHIMA CIC</u>		
OC	22020		CO	22254	
<u>Det Barracks</u>			<u>3 TMRS</u>		
Duty Office	22150		Superintendent	22163	
<u>6 Adv 2 Ech</u>			BCOF Liaison	22128	
OC	22267		KURE RTO	22266	
Night Duty	22473				
<u>Canteens</u>	22261				
<u>Lab</u>					
OC	22863				
<u>Amenities</u>					
WLKS	22113				
<u>Local Adm</u>	22034				
Camp	22155				
TP	22389				
RAP	22139	22501			
<u>NAVY</u>					
CO	22528				
Duty Officer	22523				
CSG	22279				
Tug Control					
<u>Civil Affairs</u>					
<u>CHUGOKU Civil Affairs</u>					
<u>Region</u>					
CO	22633	55029			
Executive Officer	22644	55535			
Adj	22476				
Duty Phone	22476				
Motor Pool	22427	55539			



OD 37 specifies Allied nationals  
(A 3a).

¶/e. Surveillance of SO activities  
is not a Div. concern. However,  
maintenance of order may be. If  
this ¶ is construed in that light  
it may be acceptable.

Bowling

file  
PB



HEADQUARTERS EIGHTH ARMY  
Military Government Section

1943

FROM: Assistant Executive

TO: PW

Note Annex 5 -

- a. Can you determine if this is a pickup from a previous 1st Cav. Plan?
- b. Is this within 1st Cav's authority?

1st

Re "a": 1st Cav's base plan not available.  
G-3, Hq 8A does not have copy.

Re "b": Do not think the Div need be concerned with the checking of Japanese disaster plans which is a duty of the CAffTw (A 9a, OD 37)

A 1a of Annex 5 refers to UNhatts. #