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Public Peace and Fire-Fighting
Public Peace and Fire-Fighting Comittee

(1) The following matters are chiefly carried out in an Emergency as the Defences.

(a) Saving Lives.

(b) Inducement of the Refugees.

(c) Prevention and Suppression of Crimes.

(d) Prevention of Rumours and false Reports.

(2) A Telegraphy and a wireless Telegraphy are fitted up in the Ishikawa-ken Head Office of the National Local Police to be connected with all the Prefectures as the Police Communication Nets in an Emergency. And a Telephone is fitted up with the Head Office as the starting Point to all the Police-Stations in the Prefecture and Police-boxes. When this is rendered useless in an Emergency, the wireless Telegraphies for Emergency at Komatsu and Nanao Police-Stations are used and by the Import of wireless Telegraphy managed by the Department of Communications the Head Office is connected with all the Places in the Prefecture and with all the Places in the Country, and moreover all the telephone Operators staying at the Police-Stations at main Cities and Towns and Villages are mobilized and we make them take Temporary Measures and if they are lack, the Telephone Operators at the Head Office are made Aid to restore the Condition.

(3) About the Prevention and Arrest of all Crimes and the Inquest of the Dead and the Special Treatment of Detainers, it is supposed that all kinds of Crimes are apt to happen in an Emergency, so the following Measures are taken.

(a) Formation of Patrol Companies.

They are formed by a Police-Sergeant or an Assistant-Inspector as a Chief.

(b) Formation of Armed-Police Companies.

At the principal Places they are formed by above two Police-men.

(c) Formation of Motor Companies.

With the arrangement of the disposed Motor-Cars at every stations, it is engaged with the Business Men that the Motor-Cars are prepared at the Proposal whenever they are required.

(d) [illegible] Arrangement of the Detectives.

(3) About the Prevention and Arrest of all Crimes and the Inquest of the Dead and the Special Treatment of Detainers, it is supposed that all kinds of Crimes are apt to happen in an Emergency, so the following Measures are taken.

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With the arrangement of the disposed Motor-Cars at every stations, it is engaged with the Business Men that the Motor-Cars are prepared at the Proposal whenever they are required.

(d) Realization of the Emergency Arrangement of the Detectives.

In an Emergency the Emergency Arrangement of the Detectives is realized.

(e) Moreover we are connected with the Public Prosecutors' Office previously and they are required to come to the Scene to finish the matters promptly.

(f) Execution of Inquest is that of the bodies of the Dead, and the Report of Death. It is managed as follows.

1. Inquest of the Bodies is carried out fast by the men in Charge, and the Residence, Name, Year, Date of Death and Cause of Death are recorded only.

2. If the Inquest is impossible, or the Bodies are at the Place not to recognize, or the things are left behind by the Dead, or it is clear that they are the neighbours and take Refuge at the Place, the Death of the Dead is reported to the Chief of the Town or Village of the Permanent Domicile by the Census Law Act 119.

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(g) About the special Treatment of the Detainees, the Number of Lockup Cells and the Number of Men received into are as follows, so if they are many, the Lockups are narrow and Fire is considered. Thus every Police-Station selects fit Places of the Substitute Lockups.

Lockups and the Number of Men Received into.

Name of Stations	The Number of Cells	The Number of Guard Rooms	The Number of Men Received into
Hirosaka	7	2	34
Tamagawa	8	1	44
Daishoji	5		15
Komatsu	5		20
Terai	2		6
Mattsuto	3	2	
Tsurugi	3	1	14
Kanaiwa	2		6
Tsubata	2	1	10
Hakui	2		8
Togi	2		4
Nanao	6	1	24
Anamizu	2		4
Wajima	3		12
Iida	2	1	4
Ushitsu	2		8
Monzen	2	1	4
Total	58	10	227

(4) There is an Activity of Dark-Markets and the Outbreak of the Suspense of unjust Gainers in an Emergency, so economical Police-men are deposited at every place and they arrest and control them.

(5) The Defences of a Disaster premise the Hold of real Conditions, we plan the Collection of Defence Reports cooperated by the Fire-Brigades.

(6) In the Defences of a Disaster we connect and cooperate specially with the Fire-Brigades and make them their Fighting-Fire easy, and we connect with the Rescue Companies and make them their Receipt of the Refugees and other Rescue Works easy.

(7) To defend a Disaster completely we connect each other with N.R.P. and M.P.

As defence Assistents we require the Cooperation of the Young Men's Association [illegible]

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Total	58	10	227

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(7) To defend a Disaster completely we connect each other with N.R.P. and M.P.

As defence Assistants we require the Cooperation of the Young Men's Association and other Parties.

There Assistants are disciplined at ordinary times as a Rule.

(8) Dangerous Bridges, damaged Wires and other dangerous things are reported to the Head-quarters of the Counter-plot of Emergency Rescue.

(9) In an Emergency Fire-Brigades are alloted to the Rescue as the Fire-Brigade Part of Ishikawa-ken Emergency Rescue Company.

(10) The Works of the Fire-Brigades are as Follows.

(1) They study, examine and are disciplined at ordinary Times in the following Matters.

(a) To examine the number of Men and Privilege of Water and complete them.

(b) To inspect and arrange the Machines and Instruments.

(c) To inspect the Despatch Routes.

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(d) To examine Fire.

(e) To carry out Night Alarm.

(f) To stay at Home and wait Orders.

(2) They carry out and direct the Public Fire-Proof Steps such as the Supply and Completion of Service Waters, the Prevention of Bonfire, and the Arrangement of Instruments for early Fire-Proof and Alarms of Sparks of Congratulation.

(3) About the periodical examination and removal of dangerous things to fire the Preservers of these things examine them separately for their Self-Defence whenever the Fire-Alarm is issued or the Danger is recognized. The Fire-Brigades direct them.

(4) The Establishment of Fire-Proof Reservoirs is studied by the members of Fire-Brigades according to the Condition of the water Privilege or advantage of Position and the Cities and Towns and Villages establish them by their Requirement.

(5) The Fire-Brigades examine daily Water Pressure, Fighting-Fire Provisions or Rescue Provisions.

(6) As for Saving Lives on the Scene of Emergency, the Fire-Brigades do it as their first Duty and they are engaged in other Works.

(7) As for the Control of the Communication in a Disaster the Aid of Police-men is required to promote the activity of Fire Engines and Fire-Brigades and to complete the Fire-Fighting and Rescue and minimize the Damages of the Disaster.

(11) The Arrangement of the Fire-Brigades in the Prefecture is as Follows.

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On Engineering. (Engineering Committee)

(A) Counter-Measures for Relief.

1. Counter-measures for river flood and urgent restoration works.

(a) Outline of plan.

According to the past records of this prefecture, it seems that we have experienced only two flood disasters which needed urgent activities of relief--of the Tedori, in July, 1934 and of the Sai in August, 1922.

Therefore, we formed plans for controlling flood and emergent repair works of such rivers as the Tedori, the Sai, the Kakehashi, the Daishoji and the Iburihashi which, including a number of villages, towns and important cities in their flood area, are feared to threaten life and property and break public peace and order.

Other rivers are comparatively small, and even their banks should be broken or run over by flood, with their small stricken area and rapid decrease of water, no great dawage is imagined and their urgent repair works are thought to be easily done; so untrol of flood of these small rivers is left to the care of the Public Works Agencies, and was excluded from this Plan.

(b) Plan for stocking materials of flood control.

Materials for controlling flood are as the next table and more than the planned quantity of them are always stocked.

(1) Base-ston

left bank		right bank	
Stored place	quantity	Stored place	quantity
Minato-mura muramae bank	100 m^3	Kawakita-mura Asahi Maeseki four bank	50 m^3
" oodoi second bank	200 "		
" " New bank	40 "	Ao-mura Kiyoshima third bank	50 "

from this Plan.

(b) Plan for stocking materials of flood control.

Materials for controlling flood are as the next table and more than the planned quantity of them are always stocked.

(1) Base-ston

left bank		right bank	
Stored place	quantity	Stored place	quantity
Minato-mura muramae bank	100 m^3	Kawakita-mura Asahi Maeseki four bank	50 m^3
" oodoi second bank	200 "		
" " New bank	40 "	Ao-mura Kiyoshima third bank	50 "
Kawakita-mura Asahi oodoi first bank	140 "	Kawakita-mura Takoshima hakken first bank	90 "
" " Karasegi third bank	150 "	" Kutojima bank	50 "
" " " second bank	130 "	" Yamada Sakide 20koku second bank	40 "
Awau-mura Shinkita first bank	90 "	" " " first bank	420 "
" Hitokuchi bank	60 "	" " Sannin jima bank	300 "
" Temporary bank	150 "	" Santanda Odoi bank	870 "
Hisatsune-mura Kamishimizu Oshima-bank	120 "	" " Kanda bank	300 "
" " Nagata bank			
Yamagami-mura Deguchi karimata second bank	200 "	Kabuto-jima kirinki bank	30 "
" " " first bank	420 "		

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Yamagami-mura Yamada Oshima bank	150 m^3	Kawakita-mura moriemon bank	190 m^3
" Deguchimae first bank	150 "	" neosa first bank	160 "
" Furuyashiki bank	200 "	" Kabutojima hogen bank	150 "
" Hikama mukoshima bank	100 "	" Hachikoku bank	40 "
" Iwauchi shimosanga bank	200 "	Kurayama-mura Akarajima bank	20 "
" Kamisanga bank	100 "	" " matsuki bank	400 "
" Mitsukuchi funaba bank	240 "	Tsurugi-machi 18kawara bank	90 "
" Koyajima bank	350 "		
" Denpeijima bank	300 "		
" Miyatake enoshima bank	120 "		
" Toemon bank	100 "		
" Todashino tagosaku bank	50 "		
" Ogawara bank	20 "		
" Iwamoto yosan bank	550 "		
" Amigasayama bank .	40 "		
Total	4,550	Total	3,250

(2) Bed-log

	Stored place	Kind	Quantity	Necessary materials
left bank	Awau-mura nishisumi-da hitojuchi bank	Length 6.3 m	10	
	Yamagami-mura Deguchi			

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" Cogawara bank	20 "		
" Iwamoto yosan bank	550 "		
" Amigasayama bank .	40 "		
Total	4,550	Total	3,250

(2) Bed-log

	Stored place	Kind	Quantity	Necessary materials	
left bank	Awau-mura nishisumi-da hitojuchi bank	Length 6.3 m	10		
right bank	Yamagami-mura deguchi karimata first bank	9.0 m	8		
right bank	Awau-mura kiyojima second bank	9.0 m	10		
"	Kawakita-mura yama-kabuto sakide 20koku bank	9.0 m	6	Log	No. 12 iron wire
"	Yamagami-mura miyata-ke shin neosa first bank	9.0 m	8	53 298	90 k 1.056 k
Total		Length 6.3 m 9.0 m	10 32	351	1.146 k

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(3) Iron-wire basket

Stored place	Diremeter	Length	Quantity	Necessary wire (No.10 gincfy
left bank Yamagami-mura nishi-sumida hitokuchi bank	0.9 m	9.0 m	176	8,800 k
	0.9 m	4.0 m	30	600 k
	0.6 m	5.0 m	54	940 k
	0.6 m	4.0 m	31	430 k
Total			291	10,770

Sai-gawa

Stored place	Base-stone	Rever-bed	Iron-wire basket No. 10 gincfy	Necessary materials	
				Log	Iron-wire
Kanazawa-shi Ookuwa-machi right bank	150 m^3 . 5 set	Length 5.5 m. 50	Diremeter 0.6 m. Length 4 50	22	770 k
" Fukurobatake left bank	150 "	" 10	" 100	22	770 k
Total	300	10	100	44	1,540

Daishoji-kawa

Stored place	Base-stone	No.10 gincfy iron-wire basket	necessary wire
Enuma-gun Nango-mura nango left bank	100 m^3	Deremeter 0.6 Length 5 20	360 k
" Daishoji-machi shikishi	100 "	" "	360 k

" Fukurobatake left bank	150 "	" 10	" 100	22	770 k
Total	300	10	100	44	1,540

Daishoji-kawa

Stored place	Base-stone	No.10 ginofy iron-wire basket	necessary wire
Enuma-gun Nango-mura nango left bank	100 m^3	Deremeter 0.6 Length 5 20	360 k
" Daishoji-machi shikichi	100 "	" "	360 k
Total	200	40	720

Kakehashi-kawa

Stored place	Base-stone	No.10 ginofy iron-wire basket	necessary wire
Komatsu-shi Shirae-machi left bank	120 m^3	Deremeter 0.6 Length 5 10	180 k
" Sono-machi left bank	80 "	" "	180 k
Total	200	20	360

Asano-kawa

Stored place	Base-stone	No. 10 gincit iron-wire basket	necessary wire
Kanazawa-shi Tai-machi left bank	200 m^3	Deremeter 0.6 Length 5 50	900 k

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(C) Urgent Restoration works of River Banks

Name of river	Scheduled place	Length	Work expenses	Necessary materials							Laborer
				Log	No.12 wire	Samboo 12 off	Brush-wood	Empty bale	Straw-mat	Wood-band	
		m.	¥	koku		pc.					
Tedori River	Nomi-gun Yama-gami-mura Left side tayama bank	200	1264,000	370	2064	5980	5310	4000	500		9,724
"	" Kawakita-mu-ra Nakajima Right Moriemon Bank	100	632,000	180	1032	2990	2658	2000	250		4,862
"	Ishikawa-gun Tsurugi-machi Right side Funazuka Bank	250	1580,000	463	2580	7480	6640	5000	630		12,155
"	Nomi-gun Kawa-kita-mura Shi-moawau Right side Maezuka Bank	250	1580,000	463	2580	7480	6640	5000	630		12,155
"	Nomi-gun Yama-gami-mura Toda-shino Left side Okawara Bank	250	1580,000	463	2580	7480	6640	5000	630		12,155
"	Nomi-gun Yama-gami-mura Mi-tsukuchi Left side Funaba Bank	300	1896,000	555	3096	8970	7974	6000	750		14,586
"	" Hisatsune-mura Kami-shi-mizu Umenoki Left Bank	150	948,000	278	1548	4480	3987	3000	370		7293
"											

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"	Nomi-gun Yamagami-mura Todashino Left side Okawara Bank	250	1580,000	463	2580	7480	6640	5000	630		12,155
"	Nomi-gun Yamagami-mura Mitsukuchi Left side Funaba Bank	300	1896,000	555	3096	8970	7974	6000	750		14,586
"	" Hisatsune-mura Kami-shimizu Umenoki Left Bank	150	948,000	278	1548	4480	3987	3000	370		7293
"	Ishikawa-gun Kurayama-mura Kurafuji Right side Waseda Bank	100	632,000	185	1032	2990	2658	2000	250		4,862
Total		1600	10112,600	2961	16513	47840	42523	32000	4000		77,792
Sai River	Kanazawa-shi Okuwa-machi Right side Bank	100	286,000	106	396	1014	1374	1500	200		2,132
"	" Fukurobatake-machi Left side Bank	100	286,000	106	396	1014	1374	1500	200		2,132
Total		200	572,000	212	792	2028	2748	3000	400		4,264
Daishoji River	Enuma-gun Nango-mura Nango Left side Bank	50	72,500	23		300		1440			950
"	" Daishoji-machi Shikiji-machi Left side Bank	50	72,000	23		300		1440			950
Total		100	145,000	46		600		2880			1,900

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Kakehashi River	Komatsu-shi Shiroe-machi Left side Bank	60	87,000	27		360		1730				1,140
"	" Sono-machi Left side Bank	40	58,000	18		240		1150				760
Total		100	145,000	45		600		2880				1,900
Iburibs-shi River		50	45,000	5				2160		23		600
				Bed-log & pile	No.12 Iron wire	Round measure 12 cm	Straw-bag70 Length 3 m.			Length 3 m 25m roll	One person ₹	
Grand Total		2050	11019,000	3269	17304	51068	45271	42920	4400	23	1,060 86,436	

b. When river banks are broken, to check flood damages at the possible lowest degree, urgent restoration works must be instantly done at the broken spots; and for the above purpose, the plan for necessary materials and labour for urgent use should be previously formed. Therefore, presupposing, by both the post records and the present conditions, some spots where banks may be broken by sudden flood and the degree of their damages, we made a table which shows materials and labour which are to be used for urgent restoration works.

(d) Table of Materials for Repair Works belonging to the Restoration Factories of the Tedori.

No.	Name	Location	scoop	pick-axe	double-stranded rope	pebble-	straw-basket	Table-car stand	Tempo-rary rail-set
1	Kanazawa Work Office, Construction Dep. of Central part, Construction Board	Ishikawa-gun Mikawa-machi minami-machi	100	200	200	400	80	100	200 set
2	Asahi out look	Nomi-gun Kawakita-mura aza Asahi	50	30	50	80	100	100	200 "
3	Karasegi out look	"	50	10	50	50	30	10	200 "
4	Tedori-kawa factory	" Awau-mura	80	100	1,000	100	20	10	300 "
5	Takashima out look	" Hisatsune-mura kami shimizu	50	20	50	50	50	30	500 "
6	20koku out look	" Kawakita-mura Yamade sakide	50	30	100	50	50	20	400 "
7	Fujikura-out look	Ishikawa-gun Kurayama-mura aza Fuji-kura	20	10	100	20	50	10	100 "

Note: Except Karasegi and Takashima, each lookout is equiped with a private telephone.

(2) Plan for Urgent Restoration Works of Roads.

(a) Outline of Plan.

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6	20koku out look	" Kawakita-mura Yamade sakide	50	30	100	50	50	20	400	"
7	Fujikura-out look	Ishikawa-gun Kurayama-mura aza Fuji-kura	20	10	100	20	50	10	100	"

Note: Except Karasegi and Takashima, each lookout is equiped with a private telephone.

(2) Plan for Urgent Restoration Works of Roads.

(a) Outline of Plan.

When our prefecture is assailed by heavy disaster, it is the most important problem to secure accomplished traffic roads for rapid transportation of varions kinds of persons and materials necessary for relief works.

So, we selected these traffic roads, in mimmum, which are used for relief in emergent disaster time, especially in flood damage; and under presupposition of some troubles on these roaks such as their collapse and being washed away or landslide and being carried away of bridges, we formed the plan for urgent restoration works of these bridges and roads.

List of Materials.

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Area	Rehabilitation Work	Lumber	Steel	Gasoline	Mobile oil	Straw-bale
		Koku	Kg.	L	L	Sheet
Kaga	Rehabilitation of main bridges	8,740	23,320	10,000	150	500
	Rehabilitation of roads	11,394	22,210	69,000	1,000	500
	Rehabilitation of other bridges	5,400	14,400	1,800	25	700
	Rehabilitation of bridges and channels	400	3,000	1,000	15	500
	Total	25,934	62,930	81,800	1,190	2,200
Noto	Rehabilitation of main bridges	4,159	11,158	6,300	90	500
	Rehabilitation of roads			11,000	150	300
	Rehabilitation of other bridges	7,000	15,000	2,500	35	500
	Rehabilitation of bridges and channels	530	4,000	1,500	20	500
	Total	11,689	30,158	21,300	295	1,800
	Total	37,623	93,088	103,100	1,485	4,000

Labour

Area	Description	Carpenter	Mason	Semi-worker	Coolie	Truck	Cart	Hand-cart	Rails
		Persons				Cars			
Kaga	Rehabilitation of main bridges	2,000	300	200	9,000	300	100	200	
	Rehabilitation of main roads	1,800	250		1,400	50	60	200	
	Rehabilitation of other bridges	1,000	300		6,500	1,900	3,100	200	1,000
	Rehabilitation of other roads and channels	680	250		4,000	30	50	200	1,000
	Total	5,480	1,100	200	92,000	2,280	3,310	800	2,000
Noto	Rehabilitation of main bridges.	700	190	90	3,400	175	385	200	
	Rehabilitation of main roads		150		10,200	300	500	200	1,000
	Rehabilitation of other bridges	2,500	300		18,000	70	66	200	
	Rehabilitation of other roads and channels	880	200		5,300	40	56	200	1,000
	Total	4,080	840	90	36,900	585	1,007	800	2,000
	Total	9,560							

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	roads	1,800	250		1,400	50	80	200	
Kaga	Rehabilitation of other bridges	1,000	300		6,500	1,900	3,100	200	1,000
	Rehabilitation of other roads and channels	680	250		4,000	30	50	200	1,000
	Total	5,480	1,100	200	92,000	2,280	3,310	800	2,000
	Rehabilitation of main bridges	700	190	90	3,400	175	385	200	
	Rehabilitation of main roads		150		10,200	300	500	200	1,000
Noto	Rehabilitation of other bridges	2,500	300		18,000	70	66	200	
	Rehabilitation of other roads and channels	880	200		5,300	40	56	200	1,000
	Total	4,080	840	90	36,900	585	1,007	800	2,000
	Total	9,560	1,940	290	128,900	2,865	4,311	1,600	4,000

Total cost of construction

Area	Main bridges	Other bridges	Main roads	Other roads and channels	Total
	¥	¥	¥	¥	¥
Kaga	18,262,000	11,000,000	16,683,000	11,075,000	57,020,000
Noto	8,420,000	14,040,000	11,000,000	14,520,000	47,980,000
Total	26,682,000	25,040,000	27,683,000	25,595,000	105,000,000

Temporary rehabilitation plan

Bridges of Kaga area

Appelation of roads	Situation	Name of bridge	Length / Width	Cost	Materials: Lumber	Materials: Steel	Labour: Carpenters	Labour: Coolie
			Meter	¥	Koku	ton	persons	persons
National road 12th route	Enuma-gun Daishoji-machi	Shikiji bridge	35 / 3,6	378,000	189	500	250	500
Daishoji Awazu route	" Saigomura	Kawasaki "	63 / 3,6	681,000	341	900	450	900
Awazu Iburibashi route	" Iburibashi-machi	Kanmuri "	42 / 3,6	453,000	227	600	300	600

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Yamashiro Awazu route	Enuma-gun Chokushi-mura	Chokushi	32 3.6	345.000	173	460	230	460
Kushi Ataka route	Nomi-gun Ataka-machi	Shumiyoshi	147 3.6	1,567.000	794	2,120	1,060	2,110
Sano Komatsu route	" Itazu-mura	Onō-machi	21 3.6	228.000	115	300	150	300
Kanno-Sano route	" Nakaomi-mura Kokufu-mura	Kamo-ura	71 3.6	767.000	384	1,020	510	1,030
Tatsunokuchi Matsuto route	" Kawakita-mura, Yamagami-,ura	Tatsunokuchi	416 3.6	3,245.000	2,250	2,990	3,000	6,1000
Shiramine Komatsu route	Ishikawa-gun Yoshinotani-qura	Chmon	27 4.6	343.000	147	400	200	400
Uchio Kanazawa route	" Kawachi-qura	Kanamon	352 3.6	2,700.00	140	360	180	360
Kanazawa Shiramine route	Nomi-gun Oguchi-mura	Senmigata	102 3.6	1,092.000	346	1,500	710	1,460
" "	" Shiramina-mura	Kogarashi	45 3.6	490.000	245	650	330	650
" "	" "	Charashi	45 3.6	500.000	250	700	340	660
Kanaishi Nishikana-zawa route	Futakuchitera-machi Kanazawa	Futakuchi-teramachi	64 3.6	693.000	347	920	460	920
Matsuta Kanazawa route	Shimeji-machi Kanabatake-machi	Shimeno	65 3.6	702.000	351	940	470	940
Kamiyasuhara Kana-zawa route	Furuyasu Kanazawa	Fushimikawa	35 3.6	357.000	179	480	240	480
Nishikanazawa Teshajyo route	Yoneizumi-machi Kanazawa	Yoneizumi	22 3.6	237.000	119	320	160	320
Kokudo Joyonigo	Nishiizumi-machi	Nimando	14 3.6	153.000	77	200	100	200

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" "	" "	Enarashi	45 3.6	500,000	250	700	340	680
Kanaishi Nishikanazawa route	Futakuchitera-machi Kanazawa	Futakuchiteramachi	64 3.6	693.000	347	920	460	920
Hatsuta Kanazawa route	Shimeji-machi Kanabetake-machi	Shimeno	65 3.6	702.000	351	940	470	940
Kamiyasuhara Kanazawa route	Furuyasu Kanazawa	Fushimikawa	35 3.6	357.000	179	480	240	480
Nishikanazawa Teshajyo route	Yoneizumi-machi Kanazawa	Yoneizumi	22 3.6	237.000	119	320	160	320
Kokudo Joyonigo route	Nishiizumi-machi	Nimando	14 3.6	153.000	77	200	100	200
Yawaku Kanazawa route	Kahoku-gun Asakawa-	Nakamura	13 3.6	141.000	71	190	94	190
Kanazawa Shiramine route	Ohkuwa-machi	Ohkuwa	100 3.6	1,080.000	540	1,440	720	1,440
Suzaki Morimoto route	" Kawakita-gun Nishi-kagatsume Kanazawa	Kurasori	38 3.6	411.000	206	550	270	550
Kanazawa Hikojyo route	" Kawakita-mura	Matsutera	52 3.6	561.000	290	750	370	750
Kanazawa Fukumitsu route	Ashi-machi Kanazawa	Wakamatsu	64 3.6	690.000	347	920	460	930
Suzaki Morimoto route	Kahoku-gun Kawakita-mura	Kanakusari	15 3.6	162.000	81	220	110	220
Morimoto Teshajyo route	Kahoku-gun Mitani-mura	Kansumi	21 3.6	228.000	114	310	150	310
Kokudo Jyuichigo route	" Tsubata	Mihatago	21 3.6	266.000	115	320	160	330
Total		27 bridge	18,262.000	18,362.000	8,740	23,320	11,634	23,370
Other 635 bridges with total length of 3,470 meters.			1,000	11,000.000	5,400	14,400		

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Kaga area roads

Name of road	Situation	Kind of work / Rehab. of road	Length / Width	Cost	Materials / Lumber	Steel	Labour / Carpenter	Coolie
			Meter	¥				
Kanazawa Shiramine route	Nomi-gun Tatsunokuchi-mura Gomijima	"	3,000	5,460.000	3,600	7,200	5,400	10,800
" "	" " Kamaishi	"	500	1,360.000	1,350	1,800	900	2,700
" "	" " Fukase	"	1,000	1,660.000	1,620	2,160	1,100	3,240
Kokudo Jyonigo route	Kawakita-mura Roba	Construction of plank-road	100 3.6	7,000.000	430	1,050	540	1,080
" "	" " Yamakami-mura	"	100 3.6	720.000	432	1,080	550	1,100
" "	" " Awaomura	"	100 3.6	720.000	432	1,060	550	1,100
" "	" " Yoshida-mura	"	100 3.6	700.000	430	1,050	540	1,080
Terai Teshajyo route	" " Teraino-machi	"	100 3.6	700.000	430	1,050	540	1,080
Komatsu Mikawa route	Komatsu-shi Oshima-machi	"	100 3.6	720.000	435	1,080	550	1,100
Komatsu Ataka route	" " Ataka-machi	"	100 3.6	720.000	435	1,080	550	1,100
Kokudo Jyunigo	Ishikawa-gun	Rehab. of						

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" "	" " Yoshida-mura	"	100 3.6	700.000	430	1,050	540	1,080
Terai Teshajyo route	" " Teraino-machi	"	100 3.6	700.000	430	1,050	540	1,080
Komatsu Mikawa route	Komatsu-shi Oshima-machi	"	100 3.6	720.000	435	1,080	550	1,100
Komatsu Ataka route	" " Ataka-machi	"	100 3.6	720.000	435	1,080	550	1,100
Kokudo Jyunigo route	Ishikawa-gun Ishikawa-mura Nimi-gun Terai-no-machi	Rehab. of road	1,150	104.000				
Komatsu Tsurugi route	Nomi-gun Yamagami-mura, Teraino-machi	"	900	54.000				
Tsurugi Mikawa route	" Kawakita-mura, Ishikawa-gun Mikawa-machi	"	550	33.000				
Yasuhara Kanazawa route	Ishikawa-gun Yasu-hara-mura	"	5,000	30.000				
Hatsuta Kanazawa route	Kanazawa Senkoji, Futakuchi-machi	"	4,500	27.000				
Matsuto Kanaishi route	Kanazawa Kanaishi-machi	"	3,500	21.000				
Ohnebu Kanazawa route	Kanazawa Kitama-machi Nanatsuka-machi	"	3,000	30.000				
Kanazawa Fukumitsu route	Kanazawa [illegible] Asahi-machi	"	1,200	7.000				

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Suzaki Morimoto Teshajyo route	Kahoku-gun Kawakita-mura	Rehab. of road	2,000	12,000			
Kokudo-Jyunigo route	Enuma-gun Iburibashi-machi Daishoji-machi	"	8,500	77,000			
Daishoji Mikuni route	" " Daishoji-machi Miki-mura	"	6,000	36,000			
Daishoji Shioya route	Daishoji-machi Shioya-mura	"	7,000	42,000			
Yamashiro Daishoji route	" " Yamashiro-machi	"	4,000	24,000			
Daishoji Awazu route	" " Nango-mura Yamashiro-machi	"	2,500	15,000			
Mizutamaru Iburibashi route	" " Higashitani-mura Iburibashi-machi	"	4,500	27,000			
Hashidate Iburi-bashi Teshyajoyo route	" " Iburibashi-machi	"	1,000	6,000			
Yamashiro Iburibashi Teshyajyo route	" " Yamashiro-machi Iburibashi-machi	"	1,300	8,000			
Komatsu Mikawa route	Komatsu-shi Ishikawa-gun Mikawa-machi	"	9,000	54,000			
Terai Teishyajoyo route	Nomi-gun Terai-no-machi Negami-machi	"	3,400	21,000			
Komatsu Ataka route	Komatsu	"	3,500	21,000			

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Iburibashi Teshyajoyo route	Iburibashi-machi	"	1,000	6,000
Yamashiro Iburibashi Teshyajyo route	Yamashiro-machi Iburibashi-machi	"	1,300	8,000
Komatsu Mikawa route	Komatsu-shi Ishikawa-gun Mikawa-machi	"	9,000	54,000
Terai Teishyajoyo route	Nomi-gun Terai-no-machi Negami-machi	"	3,400	21,000
Komatsu Ataka route	Komatsu	"	3,500	21,000
Shiramine Komatsu route	"	"	6,500	39,000
Sano Komatsu route	"	"	5,700	35,000
Aioi Mikawa route	Ishikawa-gun Mikawa-machi	"	2,400	15,000
Matsuto Mikawa route	"	"	3,000	18,000
Tatsunokuchi Mikawa route	Nomi-gun Kokufu-mura	"	2,800	17,000
Kaneno Sano route	" " Nakaumi-mura	" Terainomachi	3,000	18,000
Betsumiya Tsurugi route	" " Torigoe-mura	"	3,000	18,000
Tatsunokuchi Matsuto route	" " Yamagami-mura	" Kawakita-mura	3,000	18,000
Kanaishi Nishikanazawa route	Kanazawa Kanaishi-machi Furuyasu-machi	"	3,500	21,000

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Kanazazawa Hikojyo route	Kahoku-gun Kawakita-mura	Rehab. of road	2,000	12,000				
Kanazawa Kanaiwa route	Kanazawa-shi	"	5,300	32,000				
Kanazawa Omo route	"	"	2,300	14,000				
Ohnebu Kanaishi route	Kahoku-gun Uchinada-mura, Kanazawa-shi Kanaishi-machi	"	5,000	30,000				
Kokudo Jyuichigo route	Kahoku-gun Morimoto mura	"	1,500	14,000				
Morimotoeki Fukumitsu route	Morimoto-mura Mitani-mura	"	700	5,000				
Kanazawa Nanao route	Kahoku-gun Unoke-mura Uchinada-mura	"	7,000	42,000				
Ohnebu-Unoke route	" " Uchinada-mura Unoke-mura	"	7,000	42,000				
Total			16, 16,683.000		11,394	22,210	13,020	46,415
Other roads	Total length of 850 kilometers	Rehab. of channel	6,800	2,575.000	400	3,000		
		Rehab. of road	8,500	8,500.000				
Total				11,075.000	11,794	25,210		

Noto area bridges

Name of road	Situation	Name of bridge	Length		Materials		Labour	
			Width	Cost	Lumber	Steel	Carpenter	Coolie

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Total			16, 16,683.000	11,394	22,210	13,020	46,415
Other roads	Total length of 850 kilometers	Rehab. of channel 6,800	2,575.000	400	3,000		
		Rehab. of road 8,500	8,500.000				
Total			11,075.000	11,794	25,210		

Noto area bridges

Name of road	Situation	Name of bridge	Length Width	Cost	Materials Lumber	Steel	Labour Carpenter	Coolie
			Meter	¥	Koku	ton	persons	persons
Iida Takojima roads	Suzu-gun Iida-machi	Azuma bridge	61 3.6	660,000	330	880	440	880
Anamizu Iida	" Horyu-machi	Ugai bridge	39 3.6	420,000	210	560	280	360
Wajima, Iida	Fugeshi-gun Machino-machi	Meiji "	30 3.6	320,000	160	430	220	440
Nishitokikuni, Usetsu	" Yanagida-mura	Sasakawa "	21 3.6	230,000	110	300	150	300
"	" Machino-machi	Goribu "	10 3.6	110,000	54	144	70	140
Wajima, Usetsu	" Yanagida-mura	Kannushita "	17 3.6	180,000	90	244	120	240
"	"	Eitaro "	20 3.6	220,000	110	288	140	280

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Nanao, Wajima	Fugeshi-gun Kawarada-mura	Miyamae bridge	21 3.6	230,000	110	300	150	300
"	" "	Teramae "	21 "	230,000	110	300	150	300
"	" "	Nabeya "	21 "	230,000	110	300	150	300
"	" "		34 "	370,000	180	488	240	480
"	" "	Kobushi "	23 "	250,000	120	332	170	340
"	" "	Makita "	19 "	200,000	100	272	140	280
"	" "	Tohimi "	14 "	150,000	75	200	100	200
"	" "	Wakinota "	14 "	150,000	75	200	100	200
Wajima Togi	" Oyamura	Koise "	21 "	230,000	110	300	150	300
"	" "	Dosaka "	14 "	150,000	75	200	100	200
Monzen Anamizu	" Hongomura	Yachi "	15 "	160,000	80	216	110	220
Wajima, Togi	" Urakami-mura	Urata "	12 "	130,000	65	172	86	170
"	" Tsurugiji	Ohkura "	49 "	530,000	260	700	350	700
Kanazawa, Hakui	Hakui-gun Border of Minami & Kita Daikai mura	Daikaigawa "	28 "	300,000	150	400	200	400
"	" Kitadaikai	Matadai "	15					

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"	" "	Dosaka	4 "	150,000	75	200	100	200
Monzen Anamizu	" Hongomura	Yachi "	15 "	160,000	80	216	110	220
Wajima, Togi	" Urakami-mura	Urata "	12 "	130,000	65	172	86	170
"	" Tsurugiji	Ohkura "	49 "	530,000	260	700	350	700
Kanazawa, Hakui	Hakui-gun " Border of Minami & Kita Daikai mura	Daikaigawa "	28 "	300,000	150	400	200	400
"	" Kitadaikai mura	Metadai "	15 "	160,000	80	216	110	220
"	" "	Hashiri-ori "	10 "	110,000	54	144	70	140
"	" "	Naka "	10 "	110,000	54	144	70	140
Takamatsu Isurugi	" Minami-Daikai-mura	Nakanuma "	27 "	290,000	145,	388	190	380
Hakui, Isurugi	" "	Yatsuno "	27 "	290,000	145	388	190	380
Tokoshihara Shio	" Shio-machi	Kanaya "	15 "	160,000	80	216	110	220
" "	" "	Kutsukake "	12 "	130,000	65	172	86	172
Kanazawa Hakui	" Hakui-machi	Yahei "	18 "	200,000	98	260	130	260
Kanamaru Station & Sakai	Kashima-gun Yoki-mura	Nagara "	23 "	250,000	115	332	166	332

Mioya, Tazuru-hama	Kashima-gun Notobe machi	Dakugawa Bridge	10 3.6	110,000	54	144	70	140
Noto Nanao	" Toriya-machi	Fukuchi "	6 "	70,000	32	88	44	88
Hakui Togi	Hakui-gun Horima-tsu-mura	Senko "	22 "	240,000	119	316	158	316
"	" "	Fuchibata "	24 "	260,000	130	344	170	340
Mioya Tazuru-hama	Kashima-gun Takagai-mura	Ochiai "	11 "	120,000	60	160	80	160
"	" Tazuruhama	Takata "	18 "	200,000	98	260	130	260
Wajima Togi	Fugeshi-gun Monzen-machi	Honda "	25 "	270,000	135	360	180	360
Total		37 bridges	782 3.6	8426,000	4,159	11,158		
Other bridges	633 fridges with total length of 4280 mtr.	Komenouchi	1300 3.6	14040,000	7,000	15,000		
			2077	22460,000	11,159	26,158		

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Noto area roads

Name of road	Situation	Kind of work	Length Width	Cost of Work(¥)	Material		Labour	
					Lumber	Steel	Carpenter	Labor
			m.					
Iida, Takojima harbour	Suzu-gun Iida-machi	Rehab of road	600	36,000				
Wajima Iida	" Wakayama-mura	"	2,000	120,000				
" "	" " Hinomiya " " Keinen	"	1,500	90,000				
Anamizu, Iida	" Horyumachi Ugai	"	1,000	60,000				
Wajima, Iida	Fugeshi-gun, Machino-machi	"	800	48,000				
" "	" Wakayama-mura	Earth work	3,500	280,000				
NISHITOKIKUNI Usetsu	" Machino-machi	Rehab of road	500	30,000				
" "	" Yanagidamura Nagao	"	2,500	150,000				
Wajima, Togi	" Monzen-machi Honichi	"	500	30,000				
Kanazawa, Hakui	Hakui-gun Kitadaikai-mura	"	3,600	216,000				
Takamatsu, Isurugi	" Minamidaikai	"	1,000	60,000				
Hakui, Himi	" Hakuimachi Tominaga	"	2,500	150,000				
Kanazawa, Nanao	" Shiomachi	"	1,200	72,000				
Mioya, Tazuru-	Kashima-gun							

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Hakui		road	500	30,000				
" "	" Yanagidamura Nagao	"	2,500	150,000				
Wajima, Togi	" Monzen-machi Honichi	"	500	30,000				
Kanazawa, Hakui	Hakui-gun Kitadaikai-mura	"	3,600	216,000				
Takamatsu, Isurugi	" Minamidaikai	"	1,000	60,000				
Hakui, Himi	" Hakuimachi Tominaga	"	2,500	150,000				
Kanazawa, Nanao	" Shiomachi	"	1,200	72,000				
Mioya, Tazuru-hama	Kashima-gun Notobe-machi	"	500	30,000				
Kanamaru Station Sakai	" Kanamaru Yoki-mura	"	1,000	60,000				
Notobe, Nanao	" Toriyamachi	"	1,300	78,000				
Mioya, Tazuru-hama	" "	"	600	36,000				
Hakui, Togi	Hakui-gun Hōgi Horimatsu-mura	"	300	18,000				
Mioya, Tazuruhama	Kashima-gun Takagai-mura Tazuruhamamachi	"	1,500	72,000				
Nanao, Wajima	" Tazuruhama machi	"	1,000	60,000				
Total			27,100	1696,000				
Other roads	1100 metr. of length	Repair-ing of channel	8,800	3520,000	530	4,000		
Grand toral			14520,000	14520,000	530	4,000		

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(3) Disaster relief arrangement plan

a) In our prefecture of Ishikawa werhave three cities of Kanazawa, Komatsu and Nanao, other towns and villages being too small in their population. Judging from the disasters which have occurred in the past, we have had mare fire disasters them that of floods or earthquakes. From this view-point we established this time such a plan as for fire-refuge, fire-prevention roads and cannels inmthe areas of aforementioned cities.

1. Kanazawa City

Refuges: Public garden platz. 1 place 533,100 sq.m.
Temples and shrines. 48 places 813,300 sq.m.
Accomodation capacity 5,760 persons

Fire prevention

Roads: To be selected from among the existing roads, the width of road being around 10-15 mtrs.

On the left side of Sai river. 4,880 m.
Mid area between the rivers of Sai and Asano 15,680 m.

On the right side of the Asano river 1,900 m

Total 22,460 m.

Widening of more than 15m is being planned.
On the left side of Sai river, 12,680 m.

At the mid-area between both rivers 27,440 m.
On the left side of Asano river 68,360 m.

Total 48,480 m.

Fire prevention roads:

Canals with perpetual running of water:

On the left side of Sai river 8,600 m.

On the mid-side between both rivers of Sai and Asano 24,700 m.

On the right side of the Asano river 1,900 m

Total 22,460 m.

Widening of more than 15m is being planned.
On the left side of Sai river, 12,680 m.

At the mid-area between both rivers 27,440 m.
On the left side of Asano river 68,360 m.

Total 48,480 m.

Fire prevention roads:

Canals with perpetual running of water:

On the left side of Sai river 8,600 m.

On the mid-side between both rivers of Sai and Asano 24,700 m.

On the right side of Asano river 1,500 m.

Total 34,800 m.

Canals to be drained off after the work of deepening:

On the left side of Sai river, 3,880 m.

On the mid-area between both rivers 7,800 m.

Onmthe right side of Asano river 1,900 m.

Total 13,580 m.

Cost of improvement 6,111,000 yen

Water service:

Spontaneous flowing, with head of about 30 m., in every distance of 100 m. fitted with fire-plug.

2) Komatsu City

Refuge: Public garden and platz 3 places, 88,600 sq.m.

Temples & shrines 18 " 105,000 "

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Indoor accommodation capacity for refugees 2,160 persons

Fire-prevention roads:

They one to be selected from among the existing roads.

Length- 4,800 m.
Width- 6.0 - 11.0 m.

Plan Length- 8,390 m.
Width- 15 - 50 m.

Fire-prevention canals:

Kakehashi river and others Length- 3,450 m.

Water service: Water should be delivered with aid of pumps, with head of 3m. is every distance of 100m. there is a fire-plug.

3) Nanao City:

Refuge: Public garden and platz- 3 places- 227,700 sq.m.

Temples & shrines- 40 places- 184,800 sq.m.

Indoor accommodation capacity for refugees- 4,800 persons

Fire-prevention roads: They are to be selected from among the existing roads.

Length- 9,300 m.
Width- 4-10 a.

Plan Length- 15-50 m.

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Fire Prevention Waters.

Misogi River and Five Others.
Total length: 5,800 meters.

Principles of Execution.

(1) Organization of persons in charge and their allotted businesses.

(a) Persons in Charge of Rivers and Sea.

Head of persons in charge of Rivers and Sea.

Business Squad.

1. Collecting, arranging and recording informations.

2. Keeping in touch with persons in other charges.

3. Other general business.

Technical Squad.

1. Making plans for execution of urgent rehabilitation work.

2. Letting the troops in the scene know the plan and leading and encouraging their execution.

3. Making preparatoty plans and leading and executing trainings.

4. As to the Tedori River, a measure will be taken so that good cooperation should be made with Kanazawa Construction Work Office of the Construction Bureau (Kensetsuin) after deliberation.

(b) Persons in Charge of Road.

Head of persons in charge of Road.

Business Squad.

1. Collecting, arranging and recording informations.

2. Keeping in touch with persons in other charges.

3. As to the Tedori River, a measure will be taken so that good cooperation should be made with Kanazawa Construction Work Office of the Construction Bureau (Kensetsuin) after deliberation.

(b) Persons in Charge of Road.

Head of persons in charge of Road.

Business Squad.

1. Collecting, arranging and recording informations.

2. Keeping in touch with persons in other charges.

3. Other general business.

Technical Squad.

1. Making urgent reconstruction plans of roads and bridges as disaster counter measures.

2. Leading synthetic plans for urgent reconstruction work in case of disaster.

(c) Persons in charge of Planning.

Head of persons in charge of Planning.

Business Squad.

1. Collecting, arranging and recording informations.

2. Keeping in touch with persons in other charges.

3. Other general business.

Technical Squad.

1. Leading plans to establish places of shelter, Camps, roads, and

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flowing waters against fire etc., as disaster counter measures in Cities.

(d) Persons in charge of materials.

Head of persons in charge of materials persons.

1. Keeping in touch with persons in other charges.

2. Obtaining and keeping materials for urgent reconstruction and repairment.

3. Business not belonging to any other charges.

(2) Principles of execution.

(a) When a disaster takes place and the Head of Technical Squad issues order that the security troop should start action, the heads of persons immediately takes measure to let the persons in charge be ready for emergency.

(b) If a disaster takes place when the persons are off duty, the heads of persons appoint a person of responsibility to let him call up all the persons in charge to the Prefectural Government immediately.

(c) A close Contact with Branch Troop will be maintained, and a good effort will be made to collect and arrange informations to make use of it for condition judgment and to make an urgent reconstruction plan.

(d) The plans decided will be reported to the branch troops at once to let them act exactly and speedily.

(e) Besides, every suitable measures will be taken as the case may be.

(3) Plan for Constructing barracks in order to accommodate urgently afflicted people.

(a) It is difficult to make a standard of emergency barracks to accommodate afflicted people according to the sort, time and scale of disaster. But it will make us able to save materials, labor and expenditure and to construct them in case of urgent need, to construct a necessary number of standard barracks (approximately for 15 families or 64 persons) under a certain plan according to the degree of need.

(c) A close contact with branch troops must be maintained, and efforts will be made to collect and arrange informations to make use of it for condition judgment and to make an urgent reconstruction plan.

(d) The plans decided will be reported to the branch troops at once to let them act exactly and speedily.

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(b) Scale of barracks and construction ability.

Evaluating roughly what can be mobilized in this prefecture, we get:
Wood, principal material:
25% of 50,000 Koku, an amount always stocked.
Carpenters, principal laborer:
30% of 3,500 carpenters, practical number of carpenters in this prefecture, that is 1,050 carpenters.
Taking above figures as the basis of our calculation, we can build
within a week about 10 barracks (for 640 persons)
within two weeks about 30 barracks (for 1,920 persons.)
within a month, about 70 barracks (for 4,480 persons,)
provided that the material transportation is in a good condition.

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(c) The scale of the emergency barracks is shown below:

General Construction:

Basement: dig holes and stand poles in them.
Outer wall: plank "Shitamiitabari"
Roof: "Masaitabuki"
Cottage: made of logs
Gradient: 4/10
The height of eaves: 3 meters
Electric lamps: 15 lamps
Water supply: 1 place

Finishing of Inside:

Sitting room
Floor: plank
Wall : veneer
Ceiling: plank or veneer
Passage:
Floor: earth covered with ballast
Wall : unrefined
Ceiling: unrefined
Wash stand and sink:
Floor: concrete
Wall: unrefined
Ceiling: unrefined
Fire place and fuel storage
Floor: covered with ballast
Wall : unrefined
Ceiling: unrefined
Lavatory:
Floor: "snokoitabari"
Wall: unrefined
Ceiling: unrefined
Privy: boarded
Vessel: unglazed pot
Urinal: boarded

Sizes of Principal materials:

Poles and Basement: 3.5 sun square

Shelter roof: logs, unrefined with nails

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Fire place and fuel storage
Floor: covered with ballast
Wall : unrefined
Ceiling: unrefined
Lavatory:
Floor:"snokoitabari"
Wall: unrefined
Ceiling: unrefined
Privy: boarded
Vessel: unglazed pot
Urinal: boarded

Sizes of Principal materials:

Poles and Basement: 3.5 sun square

Smaller roof: logs, unrefined with nails

Groove and lintel: 1.5 3.5 sun square

Necessary amount of material for a standard barrack:

Wood: 170 Koku .....raw
Nail: 80 Kg.
Fittings: 80
Cement: 10 bags (45Kg.)
Glass: 2 cases (containing 150 Shaku square)
Roof-board: 50 packages

Necessary Labor:

Carpenter: 180 working days
Laborer: 90 working days
Roof: 150 working days
Furniture: working days

45

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(4) All processes are to be reported to the Disaster Relief Headquarters, that is, the men of detachments (the men of engineering work branch offices), or the engineers who are temporarily despatched by the main corps to the detachments to help or lead their activities, have duty to report to the headquarters. The engineers of the headquarters have also duty to catch constantly informations from the detachments. This is their natural duty to do from the point of their daily function.

(5) When a bridge or a road has got any damage a working corps is to be dispatched to mend it according to the degree of the damage. The formation and management of such working corps are as principle to be done by the detachment that have duty originally to maintain and manage the bridge or rood damaged, but in a case when the damage is thought to be beyond the power of a detachment to organize working corps, by the application of the chief of the detachment concerned, working corps from bther detachments as well as the engineers from the headquarters are to be sent to enter under the command of the chief of the detachment.

The decided maximum load of undamaged bridges and temporarily built bridges are to be manifested on the spots and on the other hand reported to the police-stations concerned.

Damaged roads and bridges are to be repaired as quickly as possible, or temporary roads and bridges are to be constructed.

Quick rehabilitation of traffic is to be performed by quick repair of damaged roads and bridges, by construction of temporary roads and bridges, or by settling of circuitous route.

(6) Harbor facilities

Harbors having useful facilities are as follows;

Hashidate, Kanaiwa, Togi, Fukuura, Wajima, Takojima, Ogi, Ushita, Anamizu, Nanao and Iori

Of these 11 harbors, all the harbors except Nanao have capacity to receive only ships under 100 tons directly to their quays, so in these harbors landing of cargo loaded on above 100 ton ships is at present being done offshore.

Maritime warning materials like buoys and sign-posts are to be restored quickly.

Damaged roads and bridges are to be repaired as quickly as possible, or temporary roads and bridges are to be constructed.

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Hashidate, Kanaiwa, Togi, Fukuura, Wajima, Takojima, Ogi, Ushitu, Anamizu, Nanao and Iori

Of these 11 harbors, all the harbors except Nanao have capacity to receive only ships under 100 tons directly to their quays, so in these harbors landing of cargo loaded on above 100 ton ships is at present being done offshore.

Maritime warning materials like buoys and sign-posts are to be restored quickly.

In Nanao Harbor, these materials are being maintained and managed mainly by the Lighthouse Bureau of the Communication Ministry, and partially by the Nanao Harbor Office of this prefecture. The office is under the command and control of the chief of the Engineering Department of the prefecture and take charge of engineering of the detachment of the disaster relief corps. Maritime warning materials in the other harbors are being maintained and managed mainly by the prefectural engineering work branch offices (detachments of the disaster relief corps), and partially by towns and villages concerned (squads of the disaster relief corps). Accordingly in Nanao Harbor, the Harbor Office has duty to rehabilitate damaged facilities as quickly as possible keeping in touch with the Lighthouse Bureau, and in the other harbors the engineering work branch offices must take charge of rehabilitation work cooperating with towns and villages concerned.

As to the landing of urgent supply, the control of use of quay is handled by the Harbor Office in Nanao, while it is dealt by the engineering work branch offices concerned in the other harbors. Officials who have charge of such work always station at Nanao, Ushitsu and Wajima harbors, and to the other harbors officials are to be despatched when they are necessary.

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In case when the ship's deck is not in use, lighters are to be repaired.

In such a case it is admitted only to at Nanao Harbor and the Nanao Branch Office of the Marine Transportation Bureau of the Transportation Department will repair it usually but when disaster occured, the prefectural authorities will take necessary measures quickly keeping in touch with the above mentioned office.

In other harbors, sampans which belong to the Fishing Association are to be used.

Crane and other supplemental harbor facilities are to be fully repaired and supplied. Such kind of facilities of Nanao Harbor is maintained and managed as principle by the prefecture but in other harbors there is no such facilities and only man power is being used at present.

Consequently, when disaster occured on these facilities, the prefectural authorities will quickly repair them and at the same time mobilize three dredgers (possible to be used as crane temporarily) and a dredger ship (possible to handle cargo of 10 tons) to repoen normal operation. All these machine facilities belong to the prefecture.

As the prefectural authorities have duty to let the harbor office and engineering work branch offices repair any damage given to the harbor facilities in peace-time consulting and cooperating with organs concerned, it is very natural that they have to do such duty at disastrous time.

(A) Steel wire for landing for emergency use is to be prepared.

(B) Damaged facilities are to be repaired.

Both (A) and (B) are performed by the prefectural authorities (including the harbor office and the engineering work branch offices) getting the cooperation of towns and villages concerned.

(C) Repair and Supply of Signs and Wind-protections.

As to Nanao Harbor, the Lighthouse Bureau of the Communication Ministry and the prefecture have duty to do this, but of the other harbors, the prefecture, towns and villages should do this work.

At disastrous time, the prefecture will try quick repair, keeping in touch and cooperating with all organizations concerned.

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(7) Water-works

At present, only Kanazawa City and Komatsu City have water-works and are maintaining and managing them, but the engineering department of the prefecture leads their engineering side and the health department of the prefecture gives instructions on water-examination and other sides concerning public health.

Consequently at disastrous time, both the engineering and health departments of the prefecture cooperating each other lead the cities to manage every item from (A) to (F), and if necessary, will help the cities (detachments of lief corps) by performing direct inspection, planning, equipment and repair of these facilities.

(8) Use of harbor facilities

(a) The sign-posts, lighthouses and pilots in Nanao Harbor are to be handled by the chief of the Nanao Harbor Office. Damages in the war time have been all repaired.

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(b) The names of harbors to be used for sea-transportation of urgent supply.

Hashidate, Kanaiwa, Togi, Fukuura, Wajima, Takojima, Ogi, Ushitsu, Anamizu, Nanao and Iori

These harbors except Nanao have capacity to receive only ships under 100 tons directly to their quays, so in these harbors, landing of cargo loaded on board exceeding 100 ton ships must be done offshore and in such cases sampans can be obtained at the Fishing Association. The use of quay will be controlled by the chief of the engineering work branch office.

(c) All the harbors except Nanao has no machine facilities and man power must be used, but three dredgers (possible to be used as crane temporarily) and a dredger ship (possible to handle cargo of 10 tons), all belonging to the prefecture, will be mobilized.

(9) Landing Place

Landing places of the above mentioned harbors will be used:

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F. Transportation (Transportation Committee)

The following plan for transporting materials and people will be carried out in case of emergency, with necessary fuel for transportation reserved all the time.

a. Railroad

1. Of relief and medical supplies, construction materials, and persons necessary for relief and restoration, these urgently in need will be given transportation priority in rushing them to the disaster-stricken area by means of railroad and Transportation Ministry transportation, and under special circumstances, they will be moved either free of charge or with their transportation rates reduced.

The transportation of disaster-sufferers and anti-disaster materials is to be carried out similarly.

2. Supply of labor

In case a disaster breaks out, railroad maintenence workers will be rushed to the scene of disaster. As regards workers in general, their supply will be made thru nearby Public Employment Security Offices upon application. Their transportation will be free of charge.

Cooperation organizations located in the stricken area will be asked of their assistance.

3. Supply of equipment and re-construction materials .

In view of the annual outbreak of flood and other minor disasters, a list of materials for emergency use, such as lumber, ties, carbide, empty bales, bolts, winches, railroad motor-cars, tents, fuel, nails, electric bulbs, rope, and rails, has been prepared and distributed to the quarters concerned to cope with such probable disasters.

As it is considered difficult to transport by rail all necessary equipment and re-construction materials in case of emergency, some may be procured thru designated contructors.

4. Emergency plan for transporting persons injured in a train accident.

A medical corps will be dispatched to give medical attention to the injured

Cooperation organizations located in the stricken area will be asked of their assistance.

3. Supply of equipment and re-construction materials .

In view of the annual outbreak of flood and other minor disasters, a list of materials for emergency use, such as lumber, ties, carbide, empty bales, bolts, winches, railroad motor-cars, tents, fuel, nails, electric bulbs, rope, and rails, has been prepared and distributed to the quarters concerned to cope with such probable disasters.

As it is considered difficult to transport by rail all necessary equipment and re-construction materials in case of emergency, some may be procured thru designated contructors.

4. Emergency plan for transporting persons injured in a train accident.

A relief party will be dispatched to give medical attention to the injured without delay, and emergency transportation will be arranged for the injured, if there is need to move them away from the scene of accident. To this end, a relief train will be operated, but in case it is impossible due to interruption of train operation at 2 or more points, railroad motor-cars or automobiles will be mobilized for transportation, with other adequate measures taken at the same time.

b. Road transportation

Passenger cars and buses will be mobilized for transportation of people, while motor-trucks will be utilized for that of supplies. Vehicles available for this purpose are listed as follows:

Kind of Automobile	Name of owner company.	Location	Tel. No.	No. of vehicles owned	No. available in case of disaster
Bus	Work Section, Hokuriku Rail-way Home-office	Kensaka-tsujidori, Kanazawa-shi	Kanazawa 5993	18	8
"	Front-of-the-Kanazawa-station Plant, Hokuriku Rail-way.	Tamaru-machi, Kanazawa	" 5273	8	3

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Bus	Hokuriku Rail-way, Kosaka garage	Kanazawa-shi, Yamanoue-machi	Kanazawa 1190	7	3
"	" " front of the university garage	" " Kawauchi-machi	" 4443	5	1
"	" " Shiramine garage	Nomi-gun, Shiramine-mura	Shiramine (Col.) 42	3	1
"	" " Nanao Business Office	Nanao-shi, Fuchu-machi	Nanao 117	8	3
"	" " Monzen Business Office	Fugeshi-gun, Monzen-machi	Monzen 22	5	2
"	" " Usetsu "	" " Usetsu-machi	Usetsu 8	7	3
"	" " Iida "	Suzu-gun, Iida-machi	Iida 153	3	1
"	" " Hakui "	Hakui-gun, Hakui-machi	Hakui 62	7	3
"	" " Togi "	" " Togi-machi	Togi 43	6	2
"	" " Daishoji "	Enuma-gun, Daishoji-machi	Daishoji 31	6	2
"	" " Komatsu "	Komatsu-shi, Doihara-machi	Komatsu 331	6	2
Passen-ger-car	Ishikawa Intercours Home-office	Kanazawa-shi, Hikoso	Kanazawa 6120	56	25
"	" " Komatsu Business Office	Komatsu-shi, Higashi-machi	Komatsu 535	8	4
"	" " Daishoji "	Enuma-gun, Daishoji-machi	Daishoji 48	5	2

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	Hakui		Hakui-machi	82	3	
"	" "		" "	Togi		
	Togi	"	Togi-machi	43	6	2
"	" "		Enuma-gun,	Daishoji		
	Daishoji	"	Daishoji-machi	31	6	2
"	" "		Komatsu-shi,	Komatsu		
	Komatsu	"	Doihara-machi	331	6	2
Passen-ger-car	Ishikawa Intercours Home-office		Kanazawa-shi, Hikoso	Kanazawa 6120	56	25
"	" "		Komatsu-shi,	Komatsu		
	Komatsu Business Office		Higashi-machi	535	8	4
"	" "		Enuma-gun,	Daishoji		
	Daishoji	"	Daishoji-machi	48	5	2
"	" "		Kahoku-gun,	Tsubata		
	Tsubata	"	Tsubata-machi	41	2	0
"	" "		Nanao-shi,	Nanao		
	Nanao	"	Mishima-machi	112	7	3
"	" "		Fugeshi-gun,	Anamizu		
	Anamizu	"	Anamizu-machi	27	3	1
"	" "		Suzu-gun,	Iida		
	Iida	"	Iida-machi	53	3	1
"	" "		Fugeshi-gun,	Yanagida		
	Yanagida	"	Yanagida-mura	5	2	1
"	" "		" "	Wajima		
	Wajima	"	Wajima-machi	43	1	0
"	" "		Ishikawa-gun,	Matto		
	Matto detachment		Matto-machi	56	1	1
"	" "		" "	Yoshikawa		
	Yoshikawa	"	Yoshikawa-machi	7	1	0

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Passen-ger-car	Ishikawa Intercours Tsurugi Detachment	Ishikawa-gun, Tsurugi-machi		1	1
"	" " Kanaiwa "	Kanazawa-shi, Kanaiwa-machi	Kanaiwa 171	1	0
"	" " Hakui "	Hakui-gun, Hakui-machi		1	1
"	" " Takahama "	" " Takahama-machi	Takahama 62	1	1
"	" " Togi "	" " Togi-machi		1	1
"	" " Seikai "	" " Seikai-mura		1	0
"	" " Tsurugiji "	Fugeshi-gun Tsurugiji-mura		1	0
"	" " Nakashima "	Kashima-gun, Nakashima-mura	Nakashima 25	1	0
"	" " Ushitsu "	Fugeshi-gun, Ushitsu-machi	Ushitsu 155	1	1
"	" " Takamatsu "	Kahoku-gun, Takamatsu-machi	Takamatsu 7	1	1
Motor-truck	Hokuriku Motor-truck Home-office	Kanazawa-shi, Doshin-machi	Kanazawa 6091	3	1
"	" " Branch-office	"	"	1	1
"	" " Front of the station Business Office	" " Kinoshinbo	" 120	12	9

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	Nakagawa "		Nakashima-mura	25	1	0
"	" "		Fugeshi-gun, Ushitsu-machi	Ushitsu 155	1	1
"	Ushitsu " "		Kahoku-gun, Takamatsu-machi	Takamatsu 7	1	1
Motor-truck	Hokuriku Motor-truck Home-office		Kanazawa-shi, Doshin-machi	Kanazawa 6091	3	1
"	" " Branch-office		"	"	1	1
"	" " Front of the station Business Office		" "	" Kinoshinbo 120	12	9
"	" " Kodachino Business-Office		Kanazawa-shi, Kamitsuruma-machi	" 103	11	8
"	" " Saigawa	"	" " No-machi 2-chome	" 364	14	12
"	" " Liaison	"	" " Morimoto-machi	" 3233	15	14
"	" " Asanogawa	"	" "	" 1614	11	9
"	" " Hikoso	"	" " Hikoso 7-bancho	" 5407	9	6
"	" " Kanaiwa	"	" " Kanaiwa-hon-machi	Kanaiwa 26	7	4
"	" " Matto	"	Ishikawa-gun, Matto-machi	Matto 224	9	6
"	" " Tsurugi	"	" " Tsurugi-machi	Tsurugi 116	11	8
"	" " Shiramine	"	Nomi-gun, Shiramine-mura	Shiramine 2	5	3

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Motor-truck	Hokuriku Motor-truck Kuwashima Business Office	Nomi-gun, Shiramine-mura		2	1
"	" " Hakusanka "	" Oguchi-mura		3	2
"	" " Yoshikawa "	Ishikawa-gun, Yoshikawa-machi	Yoshikawa 142	8	6
"	" " Terai "	Nomi-gun, Teraino-machi	Terai 117	9	7
"	" " Komatsu Branch-office	Komatsu-shi, Doihara-machi	Komatsu 585	1	1
"	" " Komatsu Business Office	"	"	15	12
"	" " Sec., Komatsu Business Office	"	" 702	6	3
"	" " Awazu "	" Awazu-machi	Miyuki 47	6	4
"	" " Iburibashi "	Enuma-gun, Iburibashi-machi	Iburibashi 32	9	7
"	" " Katayamazu "	" Katayamazu-machi	Katayamazu 58	1	1
"	" " Daishoji "	" Daishoji-machi	Daishoji 284	11	9
"	" " Section, Daishoji Business Office	"	" 361	2	1
"	" " Yamanaka "	" Yamanaka-machi,	Yamanaka 109	1	1
"	" " Ohsugi "	Nomi-gun, Ohsugidani-mura	Ohsugi		

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"	" "	Enuma-gun, Iburibashi-machi	Iburibashi 32	9	7	
"	" " Katayamazu "	" Katayamazu-machi	Katayamazu 58	1	1	
"	" " Daishoji "	" Daishoji-machi	Daishoji 284	11	9	
"	" " Section, Daishoji Business Office	"	" 361	2	1	
"	" " Yamanaka "	" Yamanaka-machi,	Yamanaka 109	1	1	
"	" " Ohsugi "	Nomi-gun, Ohsugidani-mura	Ohsugi 3	5	3	
"	" " Ogoya "	" Nishio-mura	Ogoya 2	5	4	
"	" Morimoto " "	Kahoku-gun, Morimoto-mura	Morimoto 9	3	2	
"	" " Tsubata "	" Inoue-mura	Tsubata 71	7	5	
"	" " Nanazuka "	" Nanazuka	Unoke 39	3	2	
"	" " Kizu "	"	Kizu 24	2	1	
"	" " Takamatsu "	" Takamatsu	Takamatsu 4	2	1	
"	" " Hakui "	Hakui-gun, Hakui-machi	Hakui 136	7	5	
"	" " Yoshikawa "	" Toriya-machi	Yoshikawa 17	5	4	
"	" " Section, Yoshikawa Business Office	"	"	2	1	

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Motor-truck	Hokuriku Motor-truck, Nanao Business Office		Nanao-shi, Showa-machi	Nanao 101	7	5
"	" "		"			
	Wakura "		Wakuraekimae		4	3
"	" "		Kashima-gun,	Nakashima		
	Nakashima "		Kumaki-mura	2	7	5
"	" "		Hakui-gun,	Takahama		
	Takahama "		Takahama-machi	37	6	4
"	" " Sec.,					
	Takahama "		"	"	1	1
"	" "		"	Togi		
	Togi "		Togi-machi	10	5	4
"	" "		"	Seikai		
	Seikai "		Seikai-mura	11	2	1
"	" "		Fugeshi-gun,	Anamizu		
	Anamizu "		Anamizu-machi	103	14	11
"	" "		"	Monzen		
	Monzen "		Monzen-machi	6	8	6
"	" " Sec.,					
	" "		"	"	1	1
"	" "		"	Wajima		
	Wajima "		Wajima-machi	119	8	6
"	" "		"	Ushitau		
	Ushitsu "		Ushitau-machi	54	6	4
"	" "		"	Yanagida		
	Yanagida "		Yanagida-mura	11	6	4
"	" "		"	Machino		
	Machino "		Machino-machi	2	7	5

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	Anamizu					
"	" " Monzen "	"	Monzen-machi	Monzen 6	8	6
"	" " Sec., " "	"	"	"	1	1
"	" " Wajima "	"	Wajima-machi	Wajima 119	8	6
"	" " Ushitsu "	"	Ushitsu-machi	Ushitsu 54	6	4
"	" " Yanagida "	"	Yanagida-mura	Yanagida 11	6	4
"	" " Machino "	"	Machino-machi	Machino 2	7	5
"	" " Iida "	Suzu-gun,	Iida-machi	Iida 3	8	6
"	Japanese Transportation Kanazawa Branch-Office	Kanazawa-shi,	Tamai-machi	Kanazawa 3900	38	15
"	" " Komatsu "	Komatsu-shi,	Doihara-machi	Komatsu 920	4	2
"	" " Hakui "	Hakui-gun,	Hakui-machi	Hakui 22	5	2
"	" " Anamizu "	Fugeshi-gun,	Anamizu-machi	Anamizu 4	7	3
"	Nanao Carriage by land and sea Co.	Nanao-shi,	Yatashin	Nanao 250	2	1
"	Hokuriku Commodities Fukui Business-office	Fukui-shi,	San-nomaru	Fukui 1611	1	1

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e. Marine Transportation

To carry out emergency marine transportation, the following ships are available, with their maintenance taken care of by the persons in charge of transportation indicated below:

District name	No. of ship	Tonnage	Loading capacity	Horse power	Persons in charge of transportation
Kanaiwa	10	301	658	390	YADA Taichi
Wajima	9	133	200	197	TAKAMATSU Chutaro
Seikai	4	70	102	85	HAMA Tokumatsu
Iida	11	207	264	353	OKAMURA Ri-ichiro
Usetsu	4	74	93	91	MURAYAMA Kyutaro
Nanao	28	51	1,029	607	WADA Zenzo
" (traffic boats)	9	377		44	TSUDA Yoshio
" (towboats)	2	40		60	NAKAMURA Tetsuo
" (others)	10	1,000			"

C. Organizations extending cooperation (Cooperation Committee)

To establish closer contact with organizations extending cooperation and people in general, the following business will be conducted, with the Japan Red Cross as the nucleus:

1. With Red Cross personnel will be formed relief squads, each consisting of 1 doctor, 4 trained nurses, 1 maternity nurse, and 1 secretary official; and anti-epidemic squads, each consisting of 1 doctor, 1 pharmaceutist, 2 trained nurses, 4 servants, and 1 secretary official. In case of emergency, they will be mobilized without delay to carry out relief and epidemic preventive work in close cooperation with relief parties and anti-epidemic parties from the Sanitation Department of the Prefectural Government.

Tida	11	287	264	353	OKAMURA Hi-ichiro
Usetsu	4	74	93	91	MURAYAMA Kyutaro
Nanao	28	51	1,029	607	WADA Zenzo
" (traffic boats)	9	377		44	TSUDA Yoshio
" (towboats)	2	40		60	NAKAMURA Tetsuo
" (others)	10	1,000			"

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To establish closer contact with organizations extending cooperation and people in general, the following business will be conducted, with the Japan Red Cross as the nucleus:

1. With Red Cross personnel will be formed relief squads, each consisting of 1 doctor, 4 trained nurses, 1 maternity nurse, and 1 secretary official; and anti-epidemic squads each consisting of 1 doctor, 1 pharmaceutist, 2 trained nurses, 4 servants, and 1 secretary official. In case of emergency, they will be mobilized without delay to carry out relief and epidemic preventive work in close cooperation with relief parties and anti-epidemic parties from the Sanitation Department of the Prefectural Government.

2. The Red Cross Public Service Group and the Red Cross Youth Group will be made to assist various relief parties, and with cooperation of other organizations enlisted, they will guide people to places of safty, establish emergency kitchens, distribute bed-clothes and other commodities, and collect and distribute subscriptions.

3. The Red Cross will collect information on the disaster and maintain contact among various civilian organizations and individuals, making necessary arrangements for them.

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Name List of Members of Ishikawa-ken Disaster Relief Counter-Measure Conference

Marks: X Additional post.
O Full service.

President: Governor, Nakio Shibano Chief Secretary: Vice Governor, Noboru Doi							
In Charge	Committee		Member		Manager		
	Position	Name	Position	Name	Position		Name
General Affairs & Public Welfare	Vice Governor	Noboru Doi	Chief of P. Welfare Sec.	Kimatsu Nishimura	Official of P. Welfare Sec.		Masataro Kato
	Director of G. Affairs Dep't.	Yoichi Suzuki	Chief of G. Affairs Sec.	Ichiro Furunishi	Do.		Masao Kitawaki
	Director, P. Welfare Dep't.	Kyoichi Mizukami	Assist. Director, Account Dep't.	Shoen Fuwa	Do.		Gentaro Kawaguchi
	Director, Account Dep't.	Kenzo Ogura	Chief, Employment Stabilization Sec.	Kanji Mizuno	Do.		Hideo Senno
	President of Kanazawa Communication Bureau	Kumahiko Kususe	Chief, Financial Sec., Kanazawa Local Dep't., Nagoya Financial Bureau	Teruo Monozawa	Do.		Shin-ichi Nakamura
	President, Kanazawa Broadcast Bureau	Kiyoshi Kawazumi	Chief, post Service Sec., Business Dep't. Kanazawa Communication Bureau	Ken Onishi	Do.	O	Hisao Otaki
	Director, Kanazawa Local Dep't. Nagoya Financial Bureau	Yoichi Shimada	Chief, Telegram Sec., of above	Yoichiro Wafuura	Do.	O	Kenzo Hamada

	Director, Account Dep't.	Kanao Ogura	Chief, Employment Stabilization Sec.	Kanji Mizuno	Do.	Hideo Senno
	President of Kanazawa Communication Bureau	Kumahiko Kususe	Chief, Financial Sec., Kanazawa Local Dep't., Nagoya Financial Bureau	Teruo Monozawa	Do.	Shin-ichi Nakamura
General Affairs & Public Welfare	President, Kanazawa Broadcast Bureau	Kiyoshi Kawazumi	Chief, post Service Sec., Business Dep't. Kanazawa Communication Bureau	Ken Onishi	Do.	Hisao Otaki
	Director, Kanazawa Local Dep't. Nagoya Financial Bureau	Yoichi Shimada	Chief, Telegram Sec., of above	Yoichiro Wafuura	Do.	Kenzo Hamada
	Chief, Kanazawa Branch, the Bank of Japan	Katsumasa Kodera	Act. Chief, E. Wave Sec., Wave Dep't., of above	Tadao Takegoshi	Official of general Aff. Sec.	Yasuyuki Hagiwara
	Chief, Kanazawa Weather Bureau	Kameo Ito	Chief, Business Sec., Saving Dep't., of above	Ryoichi Shimbo	Do of Account Sec.	Yamon Saito
			Chief, Wiring Sec., Eng. Dep't. of above	Tomonari Shirasawa	Do of Educational Affs. Sec.	Sadao Hirose
					Do of Employment Stabilization Sec.	Makoto Miyakawa
					Do of Account Sec., Kanazawa Local Dep't., Nagoya Financial Bureau	Sukeo Kita
					Head of station Post Service Sec., Business Dep't. Kanazawa Communication Bureau	Shigezo Yamamoto

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Public safety & Fire-service	Director of Ishikawa H. office W.R.P.	Sen Abe	Chief, Local Sec.	Soichi Takatsuji	Official, Local Sec.	Yeihachi Nakata
			Chief, Guard Sec. Ishikawa MRP	Masaro Watanabe	Do of guard Sec. Ishikawa MRP.	Yoshi Takata
			Chief, Criminal Prevention Stastic Sec. of above	Shin-ichi Konya	Do of Criminal Prevention Stastic Sec. of above	Yoshio Tsuji
			Chief, Search Sec. of above	Isao Kontani	Do of Search Sec. of above	Toichi Shimada
			Chief, Communication Sec. of above	Ichiji Nakamura	Do of Trafic Sec. of above	Shigetaka Nakagawa
Economic	Director of Economic Dep't. Ishikawa P.G.	Yoshio Sekimori	Chief, Food Sec., Ishikawa P.G.	Hiroshi Sueyama	Official, Food Sec., Ishikawa P.G.	Gintaro Kitamura
	President of Nagoya Commerce & Industry Bureau	Shinzo Furuike	Chief, Fishery Sec., of above.	Kanjiro Nagai	Do of Fishery Sec. of above	Yasaburo Kawabata
	President, Nagoya Economic Stabilization Bureau	Shigemasa Okumura	Chief, Commerce & Industry Sec. of same	Isamu Sugimoto	Do of Fibre Sec., of above	Kozo Yamazaki
	Director, Ishikawa Station, Nagoya C. I. Bureau	Matsuki-chi Mitsuda	Chief, Agricultural Affairs Sec. of above	Kenpu Hojo	Do of A. Aff. Sec., of above	Toshio Tsubono
			Chief, Forestry Affairs Sec. of above	Hisao Takagi	Do of F. Aff. Sec., of above	Yaho Tsuda
	Chief, Ishikawa Food Office	Seki Oishi	Chief, G.A. Sec. of Ishikawa Station, Nagoya C&I Bureau	Dairyo Tamura	Do of C & I Sec. of above	Yeikichi Tsuda
	Chief, Ishikawa Material Adjustment Office, A & F Ministry	Kenjiro Tamura	Chief, Business Sec. Ishikawa Food Office	Shoichi Kitamura	Commerce and Industry Official, Ishikawa Station, Nagoya C & I	Saburo Nakasuji

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	Fu Commerce & Industry Bureau	Furuika	of above		Nagai	Sec. of above	Kawabata
	President, Nagoya Economic Stabilization Bureau	Shigemasa Okumura	Chief, Commerce & Industry Sec. of same		Isamu Sugimoto	Do of Fibre Sec. of above	Kozo Yamazaki
	Director, Ishikawa Station, Nagoya C. I. Bureau	Matsukichi Mitsuda	Chief, Agricultural Affairs Sec. of above		Kenpu Hojo	Do of A. Aff. Sec., of above	Toshio Tsubono
	Chief, Ishikawa Food Office	Seki Oishi	Chief, Forestry Affairs Sec. of above		Hisao Takagi	Do of F. Aff. Sec., of above	Yaho Tsuda
	Chief, Ishikawa Material Adjustment Office, A & F Ministry	Kenjiro Tamura	Chief, G.A. Sec. of Ishikawa Station, Nagoya C&I Bureau		Dairyo Tamura	Do of C & I Sec. of above	Yeikichi Tsuda
Economic	Chief, Kanazawa Charcoal Office, A & F Ministry	Yoshimasa Yamamoto	Chief, Business Sec. Ishikawa Food Office		Shoichi Kitamura	Commerce and Industry Official, Ishikawa Station, Nagoya C & I Bureau	Saburo Nakasuji
	Chief Director, Ishikawa Fuel Distb'n & Forestry Products Ass'n.	Jinsaku Nitta	Chief, T.A. Sec., Ishikawa Material Adjustment Office, A & F Ministry		Masayasu Ota	Agriculture & Forestry Eng. Official, Ishikawa Food Office	Kazuo Sagara
	President, Ishikawa Forestry Work Ass'n	Kumakichi Shinya	Engineering Official of A&F Ministry, Kanazawa Charcoal Office		Machiro Katsukura	Official, G.A. Sec., Ishikawa Material Adjustment Office, A & F Ministry	Kiyoshi Nakamori
	Chief, Ishikawa Branch, Food Kodan	Toyoichi Kitagawa	Chief, Ishikawa Station, Nagoya C & I Bureau		Matsukichi Mitsuda	A & F Official, Kanazawa Charcoal Office, A & F Ministry	Iji Chatani
	Chief, Director, Ishikawa Clothings Retailers Federal Union	Tahei Tamori					

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Sanitation	Director of Sanitation Dep't., Ishikawa P.G.	Masanori Kunishige	Chief, Medical Affairs Sec., Ishikawa P.G.	Senkichi Nagahara	Engineer, Medical Affairs Sec., of Ishikawa P. G. O	Ryuhei Ogawa
	President of Ishikawa Physician Ass'n.	Toyosaku Unchida	Chief, Prevention Sec., of above	Hideo Kano	Official of above O	Sotoo Misu
	President of Ishikawa Pharmacist Association	Yasukichi Hanafusa	Chief, Medicien Affairs Sec. of above Office chief of Ishikawa Branch, Japan R.C. X	Takeo Yahara Matsutaro Matsumoto	Engineer, Prev. Sec. of above Official of above	Ri-ichi Ito Tomoji Atsumi
	President of X Ishikawa Branch Japan R. Cross	Wakio Shibano,	Chief Secretary, Ishikawa Physician Ass'n.	Shigeo Wakabayashi	Do of Medicine A. Sec. of above	Teizo Konaka
	President of Ishikawa Dentist Ass'n.	Kenichi Yoshimoto	Chief, Public Health Sec., Ishikawa P. C.	Yeiji Imamura	Engineer of above	Atsushi Dequchi
	President of Ishikawa Branch, J. Midwife Nurse & Health Nurse Ass'n.	Natsu Fujikake			Clerk, Ishikawa Physician Ass'n	Kikuji Nishikawa
					Chief, Y.A.Sec., Ishikawa Branch, Japan R.C.X	Masakichi Hashimoto
					Chief, P. Welfare Sec. of above X	Naotada Ueda
					Chief, Relief Sec. of above X	Ken-ichi Imamura
					Chief, Account Sec. of above X	Chukichi Mukai
					Official, P. Health Sec. of Ishikawa P.C.	Eiko Kuruma

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	Ass'n.				Chief, Y.A.Sec., Ishikawa Branch, Japan R.C.X	Masakichi Hashimoto
					Chief, P. Welfare Sec. of above X	Naotada Ueda
					Chief, Relief Sec. of above X	Ken-ichi Imamura
					Chief, Account Sec. of above X	Chukichi Mukai
					Official, P. Health Sec. of Ishikawa P.G.	Eiko Kuruma
Engineering	Director, Civil Work Dep't., Ishikawa P. G.	Shigeru Yamaoka	Chief, Supervision Sec., Ishikawa P. G.	Shigeharu Tanijima	Official of Supervision Sec., Ishikawa P. G.	Susumu Fujisawa
	Director, Farm Land Sec. of above	Setsuo Kogori	Chief, Project Sec. of above	Shohei Noto	Do of R & H Sec., of above	Masayoshi Terada
	Chief, Ishikawa Construction Station, Const. Board.	Yoshibumi Sakurai	Chief, River & Harbor Sec. of above	Tsutomu Oita	Do of Road Sec., of above	Yoshio Kita
	Chief, Kanazawa Engineering Office, Central Area Civil Work Station	Koji Yao	Chief of Plant, Kanazawa Working Office, Central Area C.W.Station	Tomokichi Saito	Official, Kanazawa Working Office, Control Civil Work Station	Kinji Yamachi
			Chief, Road Sec, Ishikawa P.G.	Seiichi Takeshima	Secretary, Ishikawa Const. Office, Const. Board.	Seiyu Uchida
	Chief, Executive Leaque of Tedori River Reclamation	Sotoji Asai	Chief, Y. A. Sec., Ishikawa Const. Office, Construction Board.	Kikuji Asakawa	Official, Project Sec., Ishikawa P. G.	Iwao Hori
	President, Ishikawa Civil Work Ass'n.	Yosuke Nagara				

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	Director, Guard Dep't. Ishikawa N. R. P	Seiro Watanabe	Chief, Trafic Sec., Ishikawa N. R. P.	Yoshio Watanabe	Manager, Trafic Sec. of Ishikawa N. R. P.	Shigeyuki Nakagawa
	President, Nagoya Railway Bureau	Kazuyuki Shikama	Chief, Transportation Sec., Ishikawa Road Transportation Administration Office	Tamekichi Muroi	Official, Transportation Sec., Ishikawa Road Transportation Administration Office	Minoru Mitani
	Director, Kanazawa Administration Dep't. of above	Hirosada Kanamaru				
	President, Tokai Marine Transportation Bureau	Shizuo Kuroda	Chief, Nanao X Branch Office, Marine Transportation Bureau	Kyoichi Aoki	Transportation Official, Nanao Branch, Tokai Marine Transportation Bureau	Tokuji Okada
Transportation	Chief, Nanao Branch Office of above	Kyoichi Aoki	Transportation Official of above	Kiichi Murozuka		
	Chief, Administration Office, Ishikawa Road Transportation	Kikuji Sugino				
	Managing Director, Hokuriku Motor Truck K.K.	Chojiro Toho				
	Chief, Kanazawa Branch, Nippon Tsuun K.K.	Kaichi Nagasawa				
	Chief, Nanao Branch, Hokuriku Motor & Sailing Vessel Union	Kinzo Wada				
	President of Hokuriku Railway K.K.	Koji Shimizu				

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	ration Office, Ishikawa Road Transportation	Sugino				
	Managing Director, Hokuriku Motor Truck K.K.	Chojiro Toho				
	Chief, Kanazawa Branch, Nippon Tsuun K.K.	Kaichi Nagasawa				
	Chief, Nanao Branch, Hokuriku Motor & Sailing Vessel Union	Kinzo Wada				
	President of Hokuriku Railway K.K.	Koji Shimizu				
Co-operation	President, Ishikawa Chapter, Japan Red Cross	Wakio Shibano	Chief Secretary, Ishikawa Chapter, Japan Red Cross	Matsutaro Matsumoto	Chief, General Affairs Sec., Ishikawa Chapter, Japan R. C.	Masakichi Hashimoto
					Chief, P. Welfare Sec. of above	Naotada Ueda
					Chief, Relief Sec. of above	Ken-ichi Imamura
					Chief, Account Sec. of above	Chyukichi Mukai

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HEADQUARTERS I CORPS
APO 301, (Kyoto, Honshu)

8 September 1948

OPERATIONS MEMORANDUM:

NUMBER 10:

DISASTER PLAN

1. Rescissions: Operations Memorandum Number 14, this headquarters, dated 6 October 1947, and all changes thereto, are rescinded and will be destroyed.

2. Purpose: To insure that all units assigned or attached to this command are prepared to take necessary action in case of emergencies resulting from disasters caused by earthquakes, floods, tidal waves, typhoons, fires or volcanic eruptions.

3. Definitions: (For the purpose of this directive)

a. Area Commander: The Commanding Generals, 24th and 25th Infantry Divisions, and the Deputy Commander, KPC, are designated as area commanders.

b. Local Commander: A local commander is the officer designated by the area commander to take charge of rescue, relief and rehabilitation in an area affected by the disaster when the area commander does not personally take charge.

4. Responsibilities for Action and Relief Measures:

a. General:

(1) In the event of a disaster, military commanders will take immediate action to protect the lives and property of Nationals of the United Nations, Immediate control and emergency relief will be applicable to Japanese and other Nationals only as it is necessary to protect the lives and property of Nationals of the United Nations. Coordination with Military Government will be required unless communication failure prevents.

(2) The Japanese Government, on 2 October 1947, enacted legislation in the form of the Disaster Relief Law, Number 118, and at the same time an ordinance by name, "The Enforcement Ordinance of the Disaster Relief Law," which charges the Japanese Government with full responsibility for the relief of all affected persons in time of disaster. Assistance and direction will be offered by the occupation forces ONLY when the Japanese Government and their local officials are unable to comply fully with relief standards as set up under above cited law and enforcement ordinance.

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(3) In conformity with instructions from CINCFE, local Army, air force and naval commanders in whose area a disaster occurs, will provide full mutual assistance to each other.

(4) If a disaster occurs, local army commanders will, within capabilities, furnish personnel, equipment and supplies to local air force and naval commanders when needed, and will provide any other assistance within reason.

(5) Local air force and naval commanders have been instructed by CINCFE to extend to local army commanders full cooperation in matters relating to control, relief and rehabilitation measures, to include passing to those commanders operational control of air force troops, who are not needed for air operations, internal garrison security and utilization of air force supplies for emergency purposes.

b. Specific:

(1) The Commanding General, 24th Infantry Division, is responsible for the actions of all troops and United Nations Nationals in the division zone of responsibility with the exception of those under air force or naval control.

(2) The Commanding General, 25th Infantry Division, is responsible for the actions of all troops and United Nations Nationals in his zone of responsibility except those under control of Kobe Base, Kyoto Post Command, Air Force and Navy.

(3) The Commanding General, Kobe Base, is responsible for Kobe Metropolitan Area. This headquarters, within its capabilities, will furnish personnel, equipment and supplies to the Commanding General, Kobe Base, upon request and will assist in other appropriate relief and rehabilitation measures.

(4) The Deputy Commander, Kyoto Post Command, is responsible for the action of all non-divisional troops and United Nations Nationals in the Kyoto Metropolitan Area. Troop commanders within this area will render maximum assistance to the Deputy Post Commander in the performance of his mission.

(5) In the Nagoya Metropolitan Area, action will be coordinated by the Commanding General, 25th Infantry Division, with the Commanding General, Fifth Air Force.

(6) When the use of occupation troops becomes necessary, unless otherwise ordered, the Military Government Team commander in whose area the disaster occurs, will function in an advisory capacity and as a staff officer of

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the area commander (or local commander if one has been designated by the area commander) until such time when the troops have been withdrawn from the affected area.

5. General Situation for Planning:

a. Situation 1: Action taken by units when the nature of the disaster permits advance warning.

b. Situation 2: Action taken by units in the affected area.

c. Situation 3: Action taken by units outside the affected area to render assistance to units affected by the disaster.

6. Action to Be Taken:

a. Situation 1 (Preparation): Division commanders and Deputy Commander, Kyoto Post Command, (hereafter referred to as area commanders) will:

(1) Notify all units in their areas that a disaster is imminent.

(2) Prepare for action required in Situation 2 or 3, whichever is applicable.

b. Situation 2 (Units in Affected Area):

(1) Care for injured personnel.

(2) Recall all personnel present for duty to unit area.

(3) Protect and safeguard lives and property of United Nations personnel.

(4) Initiate immediate, vigorous action to prevent looting, pilfering and other disorders. Action will be taken to insure that all offenders are promptly tried by appropriate courts. Commanders should be especially alerted for the possibility of an outbreak of sabotage and other hostile acts by subversive elements who might take advantage of the general confusion normally created with widespread disaster. (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.)

(5) Survey transportation and communication facilities to determine which roads, railroads and airfields are usable for movement of personnel and supplies, both United Nations Nationals and Japanese civilians, to and from the affected area.

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(7) Civilian Population: See Annex 1.

(8) Medical: See Annex 2.

(9) Chemical: See Annex 3.

(10) Liaison Aircraft: See Annex 4.

c. Situation 3 (Assistance to Units in Affected Area): Commanders in areas other than affected areas will:

(1) Establish communication and liaison with units in the affected area. (This applies only to areas adjacent to the affected area).

(2) Be prepared to send troops, supplies and equipment to the affected area in order to assist affected units in accomplishing missions required for Situation 2. Troops moving into the affected areas will be self-sufficient as to all supply, including potable water, for such periods as will permit resupply from unaffected areas and will be provided with the maximum number of interpreter personnel necessary for the accomplishment of their mission.

(3) Be prepared to house and rehabilitate US Army and United Nations personnel evacuated from the affected area.

(4) Form a pool of interpreter personnel in their own and subordinate headquarters alerted to move into the affected area upon call.

(5) Civil Population: See Annex 1.

(6) Medical: See Annex 2.

(7) Liaison Aircraft: See Annex 4.

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

(1) Provision for a potable water supply

(2) Rehabilitation or construction of emergency hospital facilities

(3) Restoration of signal communications

(4) Emergency repair of roads, bridges and railroads

(5) Provisions for emergency lighting and heating facilities

(6) Repair and maintenance of other essential utilities to safeguard public health

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7. Communications:

a. See Annex 5.

b. Methods of transmitting disaster notices from I Corps Headquarters:

(1) Situation 1: Units concerned will be notified by the most expeditious means. The message will contain all available information concerning the nature and estimated time of occurrence of the approaching disaster.

(2) Situation 2 and Situation 3:

(a) Telephone: Switchboard operators will notify operators on all connecting switchboards.

(b) Radio: When directed, notification will be transmitted by I Corps command net "A" and "B" to all stations therein.

(c) Armed Forces Radio Stations: Notification will, upon orders from this headquarters, be broadcast over Armed Forces Radio Stations.

c. Alternate Command Posts: See Annex 5.

8. Reports:

a. The occurrence or impending occurrence of any disaster will be reported to this headquarters by the most expeditious means available. The report will include: nature of the disaster, location, magnitude, damage, actions of troops, unit strength, requirements for assistance, casualties, and all other pertinent information. Subsequent reports will be submitted through command channels daily or more frequently as deemed necessary to keep this headquarters fully informed.

b. Reports of Casualties:

(1) Occupation force and United Nations Nationals: A careful check of occupation force personnel and United Nations Nationals in the affected area will be made by the local commander and a carefully prepared report of casualties will be forwarded to this headquarters at the earliest possible time.

(2) Japanese Nationals: Liaison will be maintained with Japanese police through Military Government representatives and a report of casualties among Japanese Nationals, as compiled by the Japanese police will be made initially and revised as further information becomes available.

c. Careful accounting of all supplies and equipment, when released to Japanese agencies for the use of Japanese and other Nationals, will be maintained and subsequent appropriate reports rendered to this headquarters.

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d. The following staff sections will, when so instructed, have necessary officers and clerical assistants on duty at all times during an emergency to process subsequent reports and requests for assistance:

SECTION	OFFICE TELEPHONE	RESIDENCE TELEPHONE
C/S	26102	See current directory
G-1	26834	
G-2	26800	
G-3	26816	
G-4	26170	
Engineer	26355	
Military Government	26490	
PIO	26540	
Signal	26665	
Quartermaster	26635	
Surgeon	26715	
Provost Marshal	26601	

9. Press Relations:

a. The area commander, if he personally takes command at the scene of a disaster, or the local commander, when one is appointed, will have a qualified Public Information Officer present to establish liaison with all press representatives. He will establish a central office and assist the members of the press in accomplishing their mission with a minimum of interference with the operations of the commander.

b. All material for publication will be released to the press by the Public Information Officer in compliance with the provisions of Department of the Army Memorandum 360-25-1, dated 7 January 1948. All military personnel are enjoined to cooperate fully with press representatives but to refrain from making statements concerning estimates of damage, casualties or proposed plans and actions.

c. A Public Information Officer absent from his headquarters during an emergency will be replaced during his absence by an officer acting in his capacity.

10. Unit Plans:

a. It is the responsibility of each unit commander to see that up-to-date plans governing the action of his troops in cases of disaster are maintained. In case of FIRE, the procedure outlined in Section I, Circular 249, Headquarters Eighth Army, dated 17 August 1946, will be followed. The possibility of an outbreak of sabotage or other hostile acts by subversive elements must be taken into consideration when unit plans are prepared.

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b. Division commanders and Deputy Commander, Kyoto Post Command, will prepare disaster plans to conform with this plan and submit one copy to this headquarters by 25 September 1948.

BY COMMAND OF MAJOR GENERAL SWING:

EUGENE L. HARRISON
Brigadier General, GSC
Chief of Staff

OFFICIAL:
Peploe
PEPLOE
G-3

ANNEXES:

Annex 1-Civil Population
Annex 2-Medical
Annex 3-Chemical
Annex 4-Use of Artillery Liaison Aircraft
Annex 5-Signal
Annex 6-Logistics

DISTIRBUTION:

"A" & "B" plus

2 - CG, Eighth Army
2 - GOC, BCOF
2 - CG, IX Corps
2 - CG, Kobe Base
2 - CG, Fifth Air Force
2 - Deputy Commander, KPC
1 - PM, Kyoto Metropolitan Area

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HEADQUARTERS I CORPS
APO 301, (Kyoto, Honshu)

ANNEX 1 TO OPERATIONS MEMORANDUM NUMBER 10, DATED 8 SEPTEMBER 1948

CIVIL POPULATION

1. Action Governing Civilian Population:

a. In event of a disaster, immediate military control and emergency relief will be applicable to Japanese and other Nationals only as it is necessary to protect the lives and property of the United Nations Nationals. As soon as possible after rehabilitation of United Nations Nationals lives and property, emergency field care and hospitalization for Japanese and other nationals will be given as deemed necessary.

b. The chief of police in each area will be subject to such orders of the local military commander as may be appropriate to insure the maximum use of the civilian police in controlling the Japanese populace. Area commanders will coordinate the use of military occupation forces and the civilian police.

2. Functions of Military Government:

a. Military government units will evaluate the existing Japanese prefectural disaster plans in terms of the check list attached as Inclosure 1. In any case, where the answer to an applicable question is negative, corrective measures will be instituted. Military Government units will insure that the prefectural disaster plans are revised to correct weaknesses or omissions indicated by the check list.

b. Ascertain that prefectural organizations for disaster planning and operation in time of disaster are in accordance with the law and that adequate plans have been prepared and submitted to the Welfare Minister as required.

c. Be assured that the prefectural officials do not shift governmental responsibility in time of disaster to private or quasi-governmental agencies except as provided for in the Disaster Relief Law. (Law 118, 20 October 1947).

d. The Japanese Red Cross Society will be required, upon direction of prefectural officials, to furnish medical teams to the prefectural health department for use in time of disaster and to coordinate all voluntary agency participation in disaster relief operations.

e. Military Government units will be responsible for coordinating Japanese prefectural disaster plans with the disaster plans of Occupation Forces.

f. Military Government units will act as liaison agencies between local commanders and Japanese governmental relief agencies in providing relief to other than occupation personnel except when communications failure prevents.

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g. Military Government units will exercise close surveillance of the work of Japanese officials in the area affected by a disaster and will keep local commanders informed of the extent of the damage, the number of civilian casualties reported and the activities of cooperating private welfare agencies such as the Japanese Red Cross Society.

h. Military Government units will advise local commanders of supplies and services required to alleviate the effects of the disaster on the civilian populace 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)

Military supplies and equipment will only be released to the Japanese agencies upon approval of this headquarters, except under the gravest circumstances.

i. In the course of disaster operations, military government units will keep the local commander informed concerning all supplies and services received in the area by:

(1) Item

(2) Quantity

(3) Source

(4) Amount needed in addition to that received

j. Military Government units will forward through Regional Headquarters three copies of prefectural disaster plans to the Military Government Section, Headquarters I Corps, who will in turn forward one copy of such plans to the G-3 Section, Headquarters I Corps. Military Government units will also forward one copy of the prefectural disaster plan to the Division Commanders within whose Z/R the prefecture is contained.

1 Incl:
Check list for evaluating Japanese prefectural disaster plans

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CHECKLIST FOR EVALUATING JAPANESE PREFECTURAL DISASTER PLANS

_____ Prefecture

_____ 194____

ADMINISTRATION

1. Organization	Yes	No
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 Japanese 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?	___	___
f. Will chronological records be kept of the events of the operation?	___	___
g. Will an evaluation of the operation be made?	___	___
h. Will the Disaster Plan be revised to correct weaknesses discovered during a disaster?	___	___

3. Supplies		
a. Is there coordination of requests for supplies during an emergency to prevent duplication? The coordinating agency is:	___	___
b. Is emergency transportation provided?	___	___

PHASES OF A DISASTER OPERATION

1. Preparedness Phase		
a. Have the disaster hazards been studied?	___	___
b. Will the plan be revised periodically?	___	___
c. Is training provided for responsible disaster workers?	___	___
d. Is provision made to publicize safety precautions?	___	___

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INCLOSURE 1, ANNEX 1, OPERATIONS MEMORANDUM NO 10, I CORPS, DTD 8 SEP 48

PHASES OF A DISASTER OPERATION (cont'd)

		Yes	No
2.	**Alerting Phase**		
a.	Will the meteorological officials advise the prefecture of approaching disaster?	___	___
b.	Is there a system of alerting the responsible official?	___	___
	..... subordinate department workers?	___	___
	..... municipal and town officials?	___	___
	..... Japanese 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?	___	___
f.	Will evaluation 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?	___	___
(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 Headquartors?	___	___
	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?	___	___
(5)	Fight fires?	___	___
(6)	Rescue people trapped in burning areas?	___	___
(7)	Request police assistance to control traffic?	___	___
(8)	Report all developments to Disaster headquartors?	___	___

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INCLOSURE 1, ANNEX C, OPERATIONS MEMORANDUM NO 10, C CORPS, DTD 8 SEP 48

	Yes	No
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 Japanese Red Cross work?	—	—
(5) Test representative samples of drinking water for purity. (Sample to be submitted by Civil Engr Officials)	—	—
(6) Take precautions against epidemics?	—	—
(7) Establish medical supply points to service 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?	—	—
Shelter?	—	—
Fuel?	—	—
(2) Provide burial expenses?	—	—
(3) Provide rehabilitation under Daily Life Security Act?	—	—
e. Economics Officials: Do they have the following duties?		
(1) Coordinate request to JG, MG and SCAP for additional 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 black-market activities and profiteering?	—	—
(4) Report all developments to disaster headquarters?	—	—
f. Civil Engineers: Do they have the following duties?		
(1) Report all developments to Disaster Headquarters?	—	—
(2) Roads and bridges		
(a) Dispatch work crews to reopen essential highways and bridges?	—	—

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		Yes	No
(b)	Determine maximum load which remaining bridges can carry?	—	—
1	Give this information to the police?	—	—
(c)	Repair roads and bridges as rapidly as possible?	—	—
(3)	Harbor facilities (if available)		
(a)	Restore maritime warning devices (buoys, 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 strips for emergency use?	—	—
(b)	Repair damaged equipment?	—	—
(c)	Restore markings, wind sleeve, etc.?	—	—
(5)	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 bacteriological testing?	—	—
(e)	Supervise purification of water?	—	—
(f)	Restore normal water supply system as rapidly as possible?	—	—

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

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	—	—

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HEADQUARTERS I CORPS
APO 301, (Kyoto, Honshu)

ANNEX 2 TO OPERATIONS MEMORANDUM NUMBER 10, I CORPS, DTD 8 SEP 48

MEDICAL

1. Medical Aid and Hospitalization:

a. In the event of a disaster all medical units in the affected area will be immediately alerted to be prepared to receive the maximum patient capacity.

b. Emergency medical and surgical teams will be established and maintained to be dispatched as directed by military commanders in the affected area. Medical supplies for these teams will be supplied by the nearest hospitals and be readily available in event of disaster.

c. Military commanders will be responsible for supervision of medical care, evacuation, and hospitalization of all United Nations Nationals, within their zones of occupation.

d. Japanese civilians will not be hospitalized in military hospitals. Emergency field care and hospitalization for Japanese and other nationals will be given only after United Nations military personnel and nationals have received adequate medical attention.

2. a. Hospitalization under I Corps control:

*35th Medical Station Hospital
APO 301, Kyoto, Honshu

*118th Station Hospital
APO 929, Fukuoka, Kyushu

*Clearing Hospital, 24th Division
APO 24, Kokura, Kyushu

Clearing Hospital, 24th Division
APO 24, Sasebo, Kyushu

Clearing Hospital, 24th Division
APO 24, Kumamoto, Kyushu

Clearing Hospital, 24th Division
APO 24, Beppu, Kyushu

*Clearing Hospital, 25th Division
APO 25, Osaka, Honshu

b. Other hospitals in I Corps zone of responsibility, but not under I Corps control:

*28th Station Hospital
APO 25, Osaka, Honshu

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ANNEX 2 TO OPERATIONS MEMORANDUM NO 10, I CORPS, DTD 8 SEP 48

407th General Dispensary
APO 317, Kobe, Honshu

#395th Station Hospital
APO 710, Nagoya, Honshu

* Denotes medical supply points.

3. Requests for additional medical supplies by affected units in case of disaster will be forwarded directly to the 5th Medical Supply Depot, APO 503, by medical supply points serving the area.

4. Attention is directed to paragraph 3, Operational Directive 38, Headquarters Eighth Army, dated 3 April 1946, reference reserve of Japanese Military and Naval Medical supplies to be maintained.

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HEADQUARTERS I CORPS
APO 301, (Kyoto, Honshu)

ANNEX 3 TO OPERATIONS MEMORANDUM NUMBER 10, I CORPS, DTD 8 SEP 1948

CHEMICAL

1. In any case of disaster where large quantities of industrial chemicals have been released, the nearest army, corps, or division chemical officer will be contacted for technical advice and assistance.

2. Division chemical officers will maintain up-to-date lists of all plants within the Division Z/R falling within any of the categories listed below:

Chemical Plants
Pharmaceutical Plants
Petroleum Products Storage Areas
Coke Plants (illuminating gas, benzol, etc.)
Paint factories
Refrigeration Plants and Ice factories
Sewerage Treatment Plants

The listing of each plant will include the raw materials used in its processes, its finished products, storage methods used, and noxious gases likely to be evolved by combustion of such materials.

3. 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 short time. Although very efficient against all war gases under field conditions, the service mask will provide no protection for certain industrial gases, among which are: ammonia, carbon monoxide, and gasoline fumes. Personnel should vacate the contaminated areas immediately to the upwind side, and such areas should be marked under the supervision of a chemical officer. Decontaminating procedure will be determined by the nature of contamination.

4. a. The All Purpose Canister affords protection against organic oil vapors such as Acetone, Alcohols, Aniline, Benzene, Carbon bisulphide, Carbon tetrachloride, Chloroform, Ether, Formaldehyde, Gasoline and other Petroleum distallates and Toluene. Reference: Sect IV, TM 3-205.

b. Requisitions for estimated requirements for the "All Purpose Canister" will be addressed to 10th Chemical Base Depot Company, Shinko Station, Yokohama, Honshu, APO 503, and forwarded through Chemical Officer, I Corps.

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HEADQUARTERS I CORPS
APO 301, (Kyoto, Honshu)

ANNEX 4 TO OPERATIONS MEMORANDUM NUMBER 10, I CORPS, DATED 8 SEP 1948

1. General: All liaison and artillery observation aircraft assigned to I Corps and its subordinate headquarters will be prepared to execute reconnaissance and photo missions, evacuate personnel, drop relief supplies and perform courier service.

2. Control: Control of liaison type aircraft will be centralized under divisions. When conditions require more centralized control, Corps will assume control of all liaison type aircraft. Upon receipt of disaster warning, division commanders will cause all liaison aircraft under their command to be prepared to assemble at the division airstrip. A report will be made at once to this headquarters of the location of airstrip and number of serviceable aircraft available, by type. Liaison aircraft assigned to Corps Headquarters will be alerted at the Corps airstrip in Kyoto.

3. Signal Communication: Upon instructions from the area commander, air-ground communication will be established by means of AM with L-5 type aircraft and FM (SCR 6-10) with L-4 type aircraft. The following frequencies and call signs will be used:

a. L-5 AG Net	Frequency	Call Sign
Corps	5742.5	AIRLINE
24th Div	5742.5	DUKE
25th Div	5742.5	LOOKOUT
All planes	5742.5	ARMY followed by last four figures of serial number

b. L-4 FM Net	Frequency	Call Sign
24th Div	29.7	Same as L-5 Net
25th Div	27.4	Same as L-5 Net
All planes	Same as ground station	

c. The Corps Signal Officer will hold a radio set, SCR 399, available on call for the establishment of mobile ground station for control of liaison aircraft.

d. Aircraft drop and pick-up stations will be established on instructions of the area commander when landing fields or other means of communication are not available. All officers and key NCOs will be instructed in the proper method of operation of a pick-up station as described in FM 24-17, paragraph 64.

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4. Operation:

a. All liaison aircraft will be prepared for flight to any part of the Eighth Army area when alerted by this headquarters. Each plane will carry complete equipment including radio and sectional aeronautical charts of Japan for entire Eighth Army Area. An air mechanic will accompany each plane moving to another area.

b. All artillery air sections will maintain complete sets of sectional aeronautical charts of Japan to facilitate flight to any area under Eighth Army control.

c. Area commanders will be responsible for necessary supply and maintenance of additional aircraft attached by higher headquarters.

5. Division Air Officers will maintain for the division area a current list of landing fields including their location, for liaison type aircraft, also a list of places suitable for emergency use such as roads and emergency landing strips near large centers of population.

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HEADQUARTERS I CORPS
APO 301, (Kyoto, Honshu)

ANNEX 5 TO OPERATIONS MEMORANDUM NUMBER 10, HQ I CORPS, DTD 8 SEP 48

SIGNAL COMMUNICATIONS

1. Purpose: The purpsoe of this plan is to anticipate and counteract acts of nature which may totally disrupt normal means of communication within the I Corps area of responsibility.

2. Effective Date: This plan goes into effect automatically in case of a breakdown in lines of communication caused by disaster.

3. Termination: The use of emergency means of communication will terminate when need for same no longer exists.

4. Alternate Communication Site: Headquarters Company, I Corps - 58th Signal Battalion Parade Ground.

5. Alternate Command Posts:

a. The Miyako Hotel.

b. Headquarters Building of the 58th Signal Battalion.

c. Corps Headquarters Company Building.

d. Yodo Race Track.

6. Priority of Communication:

a. C. W. radio with Eighth Army.

b. C. W. radio with 24th and 25th Infantry Divisions.

c. In case of local disaster provide local telephone communication for:

(1) Commanding General & Chief of Staff.

(2) Kyoto Provost Marshal.

(3) General Staff.

(4) Special Staff.

d. VHF terminals and relays.

e. Radio teletype communication with the 24th Infantry Division.

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f. Telephone and teletype communication with 25th Infantry Division.

g. Landline either voice, teletype, or both with the Eighth Army.

h. Messenger service between I Corps, 24th Infantry Division, 25th Infantry Division, BCOF and Kobe Base.

i. Local outlying units.

7. Additional Means: All amateur stations adjacent to or within a disaster area will report to the nearest Signal, Military Government, or Communication Officer and place any operative equipment under military control.

8. Mission of the 58th Signal Battalion (Local Disaster):

a. Send a liaison officer to contact Signal Officer, I Corps.

b. Place into operation at the Emergency Communication Center Site (COMM), located at the Emergency Command Post:

(1) Two SCR 399 Radio transmitters.

(2) One mobile radio teletype.

(3) One message center truck, or van, completely equipped with operating personnel, current codes, ciphers, signal operation instructions, etc.

(4) One telephone exchange van, or truck, equipped with necessary accessories to furnish adequate telephone communication.

(5) Sufficient mobile VHF terminal equipment and personnel to operate with existing repeater and terminal stations.

(6) Teletype equipment sufficient to operate two duplex landline circuits.

(7) Foot and motor messenger service as local situation requires.

(8) Installation of road signs along main routes entitled "Emergency Message Center, I Corps" leading into the vicinity of the emergency site.

(9) Liaison personnel, if necessary, to provide for air-ground communication.

(10) One alternate SCR 399 radio set on call to operate air-ground communication for Headquarters I Corps if necessary.

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(11) Provide technical assistance for the Deputy Commander, Kyoto Post Command.

(12) Place all Japanese Communication personnel upon an emergency basis.

(13) Make recommendations to the Corps Signal Officer, based upon personal surveys.

(14) Rehabilitate damaged equipment and control cables and prepare for return to permanent Corps headquarters.

(15) Carry out such additional instructions as issued by the Signal Officer, I Corps.

9. Mission of the 58th Signal Battalion (of points other than Kyoto):

a. Continue to furnish personnel for the operation of the I Corps Communication System.

b. Be prepared to move to the disaster area:

(1) Two mobile SCR 399 radio transmitters with operating personnel.

(2) One message center truck with operating personnel and equipment (less all cipher and code devices except M-209).

(3) One telephone exchange van or truck with sufficient personnel and equipment to install, operate and maintain an emergency telephone system.

c. Provide such other means of communication as may be required.

10. Mission of the Corps Signal Office: Make surveys of damages to existing Japanese systems and be prepared to make recommendations to the signal officer, Eighth Army, with regard to actions to be taken.

Messenger service between Headquarters I Corps, 25th Infantry Division, and Kobe Base will be established immediately upon notification of the complete failure of all normal means of communication.

Similar means of communication to the 24th Infantry Division and BCOF will be established upon the direction of the Corps Signal Officer.

11. Signal Operation Instructions: For frequencies, alternate net control station and other operational details, see current SOI, I Corps.

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HEADQUARTERS I CORPS
APO 301, (Kyoto, Honshu)

ANNEX 6 TO OPERATIONS MEMORANDUM NO 10, HQ I CORPS, DTD 18 SEP 1948

LOGISTICS

1. Supply:

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

Class I (Emergency rations)	2 D/S
Class II (Water Purification Chemicals)	2 D/S
Class III (All types)	5 D/S
Class V (Small arms)	1 U/F

b. Prior to departure, arrangements will be made with appropriate supply agencies for the immediate issue of the following supplies:

Class I (emergency)	5 D/S
Class II (Water purification chemicals)	5 D/S
Class III (all types)	5 D/S

c. Liaison will be maintained between troop commanders and appropriate supply agencies to insure expeditious action on emergency requisitions.

2. Emergency Water Purification Equipment:

Area commanders will insure that a minimum of three portable water purification units complete with parts, chemicals, tanks, accessories, etc., are available on call. A minimum of 2000 pounds of calcium hypochloride (HTH) will be set aside for disaster purposes. Commanders will make periodic inspections to insure that this equipment is complete and in usable condition.

3. Rescue Equipment: Organizations will maintain fire fighting and demolition equipment and tools required for rescue operations available in each regimental or similar area. It is suggested that such equipment including wrecking bars, axes, rope, etc., be stored so as to avoid a collapsing building rendering them inaccessible.

4. Supply Channels: Supplies and equipment will be obtained during an emergency through normal supply channels whenever possible. Emergency delivery will be coordinated through normal command channels.

5. Emergency Requests: Emergency requests for supplies and equipment will contain the following information:

a. Items required

b. Quantity

c. Purpose (for issue to occupation forces or Japanese Nationals)

d. Mode of transport most feasible (rail, truck, air)

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Recd.
1 Jul. 1946
MB

POLICE DEPARTMENT OF ISHIKAWA PREFECTURE

23th June, 1946.

To Commanding Officer, Lt. Col. Barrows
90th M.G. Kanazawa.

Subject: Bearing disaster plans.

On the dated 13th Apr. 1946, as requested disaster plans to this prefecture, we made up uniform in principle as attached paper, will you kindly comment on this problem.

K. Panigushi.

Director of Police Department

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DISASTER PLANS

1. Purpose of plan:

This plan airms at the completion of public security by prevention and alleviation of damage or urgent restoration and rescue when there occured verious calamities (earthquake, flood, tidalwave, typhoon, fire, volcanic eruption, etc.).

2. Warning and reporting procedures:

(1) Warning.

The means to make known on emergent calimity to the public are based upon the list enclosed herewith, No.1 List of Calamity Warning Signal.

(2) Reporting.

At the spot of calamity it is requested to report to the prefectural government at any time when the information is got regarding the occurrance of calamity, degree of destraction and relief condition.

These informations are to be communicated the chief of police department by the earliest available means such as an orderly, police telephone or telegram, public telephone etc.

3. Responsible business of each department in prefectural government:

The outlined special duty of each department in prefectural government at the time of calamity is as follows:

Responsibility of Home Affairs Department.

(1) Urgent restoration in calamity (Engineering Section).

(2) Health, hygienics and relief in the

At the spot of calamity it is requested to report to the prefectural government at any time when the information is got regarding the occurrance of calamity, degree of destraction and relief condition.

These informations are to be communicated the chief of police department by the earliest available means such as an orderly, police telephone or telegram, public telephone etc.

3. Responsible ~~business of each~~ department in prefectural government:

The outlined speciel duty of each department in prefectural government at the time of calamity is as follows:

Responsibility of Home Affairs Department.

(1) Urgent restoration in calamity (Engineering Section).

(2) Health, hygienics and relief in the area of calamity (Sanitary Section).

(3) Relief Enterprise for sufferers (Welfare Section).

(4) Relief of afflicted school children (Educational Section).

Responsibility of Economic Department.

(1) Mediation of restoration resources for calamity (Each section of forestry, agriculture, commerce & industry, resources development).

(2) Mediation of foodstuff for sufferers (Food Section & Fisheries Section).

(3) Mediation of clothings for sufferers (Commerce and Industry Section).

Responsibility of Police Department.

(1) Emergency call of police officials (Public Safety Section).

(2) Command of Keibodan "Civil Defense" (Public Safety Section).

(3) Calamity management plan (Public Safety Section).

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(4) Rescue of human life and prevention of calamity (Public Safety Section).

(5) Prefention of crimes in the area of disaster (Civil Welfare, Criminal, Public Safety Sections).

(6) Information of disaster (Public Safety Section).

(7) Cooperative work with other departments (Public Safety Section).

4. Medical aid and hospitalization:

(1) Organization of Disaster Relief Unit.

(a). D.R.U. under direct command of prefectural authorities:

In the event of a disaster, Prefectural Direct Command D.R.U. is to be organized and to be engaged in the work of relief, health, hygienics, etc.

The formation is based upon the another list, No.2 "Table of formation of P.D.C. D.R.U."

(2) Hospitalization:

The available hospitalizations in the event of disaster are as in the lists enclosed herewith, No.3 "List of Prefectural Planed Disaster Relief Hospitals", No.4 "List of Three City Planed Disaster Relief Agency".

5. Observance for law & ordinances:

(1) Prevention of Crime.

(a) Unusual call will be issued to the police forces, in order to prevent the crimes, such as rob, theft etc. on the scine that the calsmity happened and to support the order.

The guard corps composed of the gathered police will engage in the work of

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P.D.C. D.R.U."

(2) Hospitalization:

The available hospitalizations in the event of disaster are as in the lists enclosed herewith, No.3 "List of Prefectural Planed Disaster Relief Hospitals", No.4 "List of Three City Planed Disaster Relief Agency".

5. Observance for law & ordinances:

(1) Prevention of Crime.

(a) Unusual call will be issued to the police forces, in order to prevent the crimes, such as rob, theft etc. on the scine that the calamity happened and to support the order.

The guard corps composed of the gathered police will engage in the work of prevention of calamity, relief of life & other welfare.

Besides the above duty, a part of the corps will carry out the patrol strictly to inspect the conditions of the area under the jurisdiction, making assure that whether the law & ordinances are observed and the people are feeling at ease or not.

(b) Number of member of the guard corps is decided,in accordance with the degree of calamity.

(c). Chief of guard corps of the place is charged with the duty of prevention of all crimes at the place.

(2) Adjuvant of police.

(a) Some firemen, who were selected from among the members of fire brigade by the order of Director of Police Dept., as an adjuvant, may be required to co-operate with the duty of police,if in case of shortage of police forces at

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the place, in order to prepare the crimes.

(b) Director of police Dept. decide the number of an adjuvant of police, in accordance with an application of chief of police station at the place.

(c) Adjuvant of police are required to fix an arm mark "Adjuvant of police" on their arms during duty and their main duties are to guard and to patrol the place.

6. Assistant Organization.

Relief Assistant Corps for calamity.

(a) Relief assistant corps for calamity may be formed and sent to the place, as an assistant organization of prefectural calamity relief corps, if in case of necessary for relief.

(b) The formation is based on the attached list No.5 "List of Formation of Relief Assistant corps".

Fire Brigade.

(a) Fire Brigade makes a plan for absolute security, regarding the prevention of fire which is a proper mission under the instruction of police station.

(b) The number of fire brigade to be moved is decided by the chief of police station in accordance with the conditions of calamity.

7. The important places to be paid attention for a plan of disaster, such as, store-house hospital, the source of water, a power-house and etc.

(a) The list, showing the important places, such as store-house, hospital, the source of water, a power-house and the store-house of food, cloth & medicine etc. for a disaster plan, is as attached list No.6 "List showing an important

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6. Assistant Organization.

Relief Assistant Corps for calamity.

(a) Relief assistant corps for calamity may be formed and sent to the place, as an assistant organization of prefectural calamity relief corps, if in case of necessary for relief.

(b) The formation is based on the attached list No.5 "List of Formation of Relief Assistant corps".

Fire Brigade.

(a) Fire Brigade makes a plan for absolute security, regarding the prevention of fire which is a proper mission under the instruction of police station.

(b) The number of fire brigade to be moved is decided by the chief of police station in accordance with the conditions of calamity.

7. The important places to be paid attention for a plan of disaster, such as, store-house hospital, the source of water, a power-house and etc.

(a) The list, showing the important places, such as store-house, hospital, the source of water, a power-house and the store-house of food, cloth & medicine etc. for a disaster plan, is as attached list No.6 "List showing an important place for a disaster plane".

(b) The position of the above important planes is as attached drawing of an important place for a disaster plan.

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The 1st another list.

List of calamity warning signal.

Classification		Signal service		
		Siren	Alarm-bell	Note
	The first signal neighbouring fire and flood	Keeping blows for 3 seconds every 2 seconds 2 seconds of short blows 2 seconds of short blows.	Short knock is series	
In case of fire and flood	The 2nd signal fire and flood in each jurisdiction	Keeping blows for 6 seconds every 5 seconds,6 seconds of middle blows, 6 seconds of middle blows.	3 knocks in series	
	The 3rd signal fire and flood out of jurisdiction		2 knocks in series	
	The 4th signal by information		1 knock in series	When we recognize a fire of the others
In case of the others	The 5th signal Put off.		1 knock and 2 knocks in series	
	The 6th signal gather for training.		1 knock and 3 knocks in series	

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The 2nd another list

Table of formation of P.D.C. D.R.U. Prefectural direct control.

Protection Corps for Calamity of Prefectural Direct.

Number of Squad	Chief of Squad	Prefectural official	Specia			Engineer
			Doctor	Dentist	Pharmacist	Sanita
2	The 1st squad (Engineer) 1	1	2	1	1	6
	The 2nd Squad (Engineer) 1	1	2	1	1	6

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C. D.R.U. Prefectural direct control.

Calamity of Prefectural Direct.

Specia			Engineer			Total
Doctor	Dentist	Pharmacist	Sanitary woman	Midwife	Nurse	
2	1	1	6	1	3	15
2	1	1	6	1	3	15

The 4th Another List.

LIST OF THREE CITY PLANED DISASTER RELIEF AGENCY.

(1) List of relief station for prearranged calamity Kamazawa City.

Name of Police Station in a jurisdiction.	Name of prearranged hospital.	Site	Number of telephone	Note
Hirosaka P.S.	Matsubara Hospital	Shimoishibikicho, Kamazawa.	Kamazawa exchange office 792	
"	Iimori Hospital	No.48, Tatemachi.	365	
"	Uchida Hospital	No.3, Kuninbashi Shimodori.	2,609	
"	Goto Hospital	Nomachi.	1,513	
"	Matsumoto Hospital	No.140, Izumimachi.	699	
"	Senda Hospital	No.8, Shiragikucho.	3,435	
"	Nakagawa Hospital	No.340, Nodateramachi.	3,718	
"	Mizushima Hospital	No.313, Shintatemachi.	1,806.	
"	Hiramatsu Hospital	Shintatemachi.	1,099	
"	Shiga Hospital	Nijyuninmachi.	2,613	
"	Oka Hospital	Shinmachi, Kodachino.	1,463	
"	Yokoi Hospital	Shinmachi, Kawakami.	1,873	
"	Sagara Hospital	No.5, Kensakatsuji.	1,375	
"	Nakajima Hospital	No.37, Hamikimachi.	5,332	
"	Akamatsu Hospital	No.5, Sengokumachi.	3,754	
"	Tanaka Hospital	No.40, Furuderamachi.	280	
"	Okadani Hospital	No.8, Kamimatsubaracho.	123	
Tamagawa P.S.	Ishikawa Hospital	No.2, Ohtamachi.	2,521	
"	Kondoh Hospital	No.47, Shimomachi.	2,478	

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"	Mizushima Hospital	No.313,Shintatemachi.	1,806.
"	Hiramatsu Hospital	Shintatemachi.	1,099
"	Shiga Hospital	Nijyuninmachi.	2,613
"	Oka Hospital	Shinmachi,Kodachino.	1,463
"	Yokoi Hospital	Shinmachi,Kawakami.	1,873
"	Sagara Hospital	No.5,Kensakatsuji.	1,375
"	Nakajima Hospital	No.37,Namikimachi.	5,332
"	Akamatsu Hospital	No.5,Sengokumachi.	3,754
"	Tanaka Hospital	No.40,Furuderamachi.	280
"	Chadani Hospital	No.8,Kamimatsubaracho.	123
Tanagawa P.S.	Ishikawa Hospital	No.2,Ohtamachi.	2,521
"	Kondoh Hospital	No.47,Shimomachi.	2,478
"	Sakamoto Hospital	3,8,Nishimachi.	2,124
"	Shima Hospital	Ishiyaboji.	192
"	Seirei Hospital	5,5,Nagamachi.	682
"	Kawakoshi Hospital	4,3,Nagadobei	3,678
"	Gosando Hospital	No.7,Shippomachi.	926
"	Tsuka Hospital	No.54,Hosaimachi.	3,296
"	Yoshida Hospital	5,9,Hikoso.	1,068
"	Nakajima Hospital	7,50,Hikoso.	767
"	Honno Hospital	No.42,Kajimachi.	1,181
"	Tsunamura Hospital	No.7,Tamarumachi.	2,659

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The 3rd another list

LIST OF PREFECTURAL PLANED DISASTER RELIEF HOSPITALS.

Name of Police Station in a jurisdiction.	Name of prearranged hospital.	Site	Number of telephone.	Fixed number
Hirosaka P.S.	Kanazawa Medical College's attached physicians office	No.15,Nagamachi, Tsuchiteriba, Kanazawa.	Kanazawa exchange office 6,11.	300
"	Kanazawa Municipal Kanazawa Hospital	1-chome,Nodatera machi,Kanazawa.	" 3,840	30
"	Kato Hospital	No.39 Furudera machi.	1,272	30
"	Miyata Hospital	Shimomachi, Misokuramachi.	2,990	40
"	National Ishikawa Hospital	Izuminomachi.	3,474	50
"	National Kanazawa Hospital	No.39,Shimo Ishibikimachi.	571	50
"	Hirosaka Hospital	Hirosakadori	330	15
Tsunagawa P.S.	Hikoso Hospital	No.33,Hikoso 5-bancho.	3,003	36
"	Nakajima Hospital	2-bancho, Nishimachi.	2,665	28
"	Amano Hospital	Soshukucho.	1,993	28
"	Ishikawa Saisei Hospital	Yuminomachi.	4,721	47
Nanao P.S.	Ishikawa Prefectural Credit Association (Selling and buying) Rengokai Noto Hospital	No.55 (nishi-nobu) Fujibashi, Nanao Shi.	Nanao exchange office 284	47

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