

PROJECTED NUMBER OF DROUGHT AFFECTED PEOPLE
DECEMBER 1984

ANNEX I PROJECTED NUMBER OF DROUGHT AFFECTED PEOPLE IN ETHIOPIA DEC. 1984

Ser. No.	Administrative Region	NUMBER OF AFFECTED PEOPLE BY AGE GROUP																	
		0 - 4		5 - 14		above 14		0 - 4		5 - 14		above 14							
		Oct. 1984 Situation	Dec. 1984 Situation	Oct. 1984 Situation	Dec. 1984 Situation	Oct. 1984 Situation	Dec. 1984 Situation	Oct. 1984 Situation	Dec. 1984 Situation	Oct. 1984 Situation	Dec. 1984 Situation	Oct. 1984 Situation	Dec. 1984 Situation						
1.	Wello	266,829	385,525	465,628	672,731	1,058,383	1,529,164	233,081	250,144	388,908	417,381	709,901	761,865	144,724	144,724	277,424	227,424	454,852	454,852
2.	Tigray	144,724	144,724	111,067	102,218	200,299	184,338	65,134	59,944	111,067	90,525	439,998	335,475	139,682	106,500	118,730	18,076	117,810	66,988
3.	Eritrea	37,400	21,266	31,790	18,076	117,810	66,988	73,623	146,938	101,561	230,779	243,936	486,623	74,066	131,791	114,143	207,432	247,651	440,597
4.	Gonder	41,405	12,998	675	20,415	1,425	43,047	6,099	26,602	37,640	24,184	109,155	70,134	5,160	-	7,640	22,455	18,753	40,496
5.	Sidamo	5,160	-	7,640	-	20,280	-	242	-	358	-	950	-	7,200	-	10,800	-	27,000	-
6.	Gamu Goffa	7,200	-	10,800	-	27,000	-	73,623	146,938	101,561	230,779	243,936	486,623	74,066	131,791	114,143	207,432	247,651	440,597
7.	Harardqhe	74,066	131,791	114,143	207,432	247,651	440,597	41,405	12,998	675	20,415	1,425	43,047	6,099	26,602	37,640	24,184	109,155	70,134
8.	Showa	41,405	12,998	675	20,415	1,425	43,047	6,099	26,602	37,640	24,184	109,155	70,134	5,160	-	7,640	22,455	18,753	40,496
9.	Arssi	5,160	-	7,640	-	20,280	-	242	-	358	-	950	-	7,200	-	10,800	-	27,000	-
10.	Rale	7,200	-	10,800	-	27,000	-	73,623	146,938	101,561	230,779	243,936	486,623	74,066	131,791	114,143	207,432	247,651	440,597
11.	Cojjam	73,623	146,938	101,561	230,779	243,936	486,623	74,066	131,791	114,143	207,432	247,651	440,597	41,405	12,998	675	20,415	1,425	43,047
12.	Illubabor	41,405	12,998	675	20,415	1,425	43,047	6,099	26,602	37,640	24,184	109,155	70,134	5,160	-	7,640	22,455	18,753	40,496
13.	Keffa	6,099	26,602	37,640	24,184	109,155	70,134	5,160	-	7,640	-	20,280	-	7,200	-	10,800	-	27,000	-
14.	Assab Admin.	7,200	-	10,800	-	27,000	-	73,623	146,938	101,561	230,779	243,936	486,623	74,066	131,791	114,143	207,432	247,651	440,597
TOTAL		1,095,075	1,299,601	1,626,712	2,033,620	3,650,393	4,413,579	1,095,075	1,299,601	1,626,712	2,033,620	3,650,393	4,413,579	1,095,075	1,299,601	1,626,712	2,033,620	3,650,393	4,413,579

ANNEX II

REVISED FOOD ASSISTANCE REQUEST : DEC. 1984 - DEC.1985

ANNEX II :- REVISED FOOD ASSISTANCE REQUEST FOR DROUGHT AFFECTED PEOPLE IN ETHIOPIA

(Dec'84 - Dec'85)

Sl. No.	Category	Total Requirement (MT)	Minus Stock at Hand (MT)	Minus Pledges in Pipeline (MT)	Additional Requirement (MT)
A	B	C	D	E	F=C-(D+E)
1.	Grain/Cereal	1,350,785	17,000	183,356	1,150,429
2.	Supplementary Food including Vegetable Oil	153,990	1,782	18,352	133,856
	GRAND TOTAL...	1,504,775	18,782	201,708	1,284,285

REVISED FOOD ASSISTANCE REQUIREMENTS : 1984 - 1985

ANNEX III REVISED FOOD ASSISTANCE REQUIREMENTS FOR DROUGHT AFFECTED PEOPLE IN ETHIOPIA 1984/85

Sl. No.	Administrative Region	No. of Affected People	Revised Food Assistance Requirements (MT)			T O T A L
			Grain	Supplementary Food	Vegetable Oil	
1.	Wello	2,587,420	439,953	38,627	11,163	489,743
2.	Tigray	1,429,390	247,978	24,365	5,562	277,905
3.	Eritrea	827,000	145,269	13,584	3,321	162,174
4.	Gondar	346,500	60,158	5,919	1,346	67,423
5.	Sidamo	532,500	97,279	7,192	2,449	106,920
6.	Gamo Gofa	106,330	19,426	1,436	490	21,352
7.	Hararghe	864,340	153,815	13,787	3,553	171,155
8.	Shewa	779,820	139,073	12,382	3,217	154,672
9.	Arsisi	76,460	13,608	1,220	415	15,243
10.	Balle	120,920	21,010	1,854	512	23,376
11.	Gojjam	76,120	13,216	1,300	296	14,812
T O T A L ...		7,746,800	1,350,785	121,666	32,324	1,504,775

EXPATRIATE MEDICAL STAFF INVOLVED IN RELIEF OPERATIONS

ANNEX IV : LIST OF EXPATRIATE MEDICAL STAFF INVOLVED IN RELIEF OPERATIONS

Sl. No.	Organization	Doctors	Nurses	Nutrition-ists	Support Staff	Total
1.	CONCERN	-	15	1	1	17
2.	German Committee Emergency Doctors	3	7	-	4	14
3.	Mekane Yesus	3	3	-	-	6
4.	Libyan Government	5	1	-	3	9
5.	C R D A	-	9	-	-	9
6.	Catholic Secretariat	-	3	-	-	3
7.	Jesuit Relief Services	1	3	-	-	4
8.	Mennonite Mission	-	2	1	-	3
9.	Lutheran World Federation	1	1	-	-	2
10.	OXFAM	-	6	-	-	6
11.	Save the Children Fund	1	3	4	8	16
12.	Médecins Sans Fron- tieres	8	8	-	2	18
13.	Baptist General Con- ference Mission	-	1	-	1	2
14.	Swedish Philadelphia Church Mission	-	5	-	-	5
15.	World Vision	3	-	5	-	8
16.	Society of International Missionaries	1	5	-	-	6
17.	NORCHIRCHAIJD	-	1	-	-	1
18.	Italian Government	2	-	-	-	2
T O T A L		28	73	11	19	131

REQUIREMENTS OF WATER-WELL DRILLING MACHINES & ACCESSORIES

ANNEX V - REQUIREMENT OF WATER WELL DRILLING MACHINES AND ACCESSORIES

Sl. No.	D E S C R I P T I O N	Qty	Unit Price (Birr)	Total Cost (Birr)
1.	Truck mounted drilling machine for DTH & mud rotary drilling	5	750,000	3,750,000
2.	Percussion well drilling machine	4	550,000	2,200,000
3.	Well servicing & installation machine (truck mounted)	3	240,000	720,000
4.	Vehicles for drilling machine (heavy duty)	11	120,000	1,320,000
5.	Light vehicles for drilling machine	13	45,000	585,000
6.	Generators	50	16,000	800,000
7.	Submersible pumps	50	22,000	1,100,000
8.	Mono-lift pumps	50	19,200	960,000
9.	Pipe for water distribution (2" size)	100	24,000	2,400,000
10.	Casing	100	53,500	5,350,000
TOTAL			-	19,185,000

ANNEX VII NUMBER OF DRAUGHT AFFECTED PEOPLE TO BE REHABILITATED FROM TIGRAI

PHASE ONE REHABILITATION TARGET				PHASE TWO REHABILITATION TARGET							
NUMBER OF PEOPLE		REHABILITATION CENTER		NUMBER OF PEOPLE		POPULATION BY REHABILITATION CENTER					
Family Heads	Dependents	Total	Region	Center	Population	Family Heads	Dependents	Total	Region	Center	Total Population
25,000	100,000	125,000	Wellega	Assosa	35,500	75,000	300,000	375,000	Wellega	Kelem	75,000
				Horoqduus	3,500				Illubabor	Gambella	75,000
				Nekente	1,000				Keffa	Gara Herda	75,000
				Arjo	8,000				Gojam	Metekel	75,000
			Illubabor	Sornageba	22,500				Gondar	Metama	75,000
				Terie	12,500						
				Huvo Bedelie	10,000						
				Mocha	5,000						
			Keffa	Gimira	3,875						
				Limu	8,750						
				Jima	2,500						
				Keffa	7,500						
				Maji & Kulo	2,375						
										Sub- Total	375,000

NUMBER OF DROUGHT AFFECTED PEOPLE TO BE REHABILITATED FROM GONDER

ANNEX VIII NUMBER OF DROUGHT AFFECTED PEOPLE TO BE REHABILITATED FROM GONDER

NUMBER OF PEOPLE		POPULATION BY REHABILITATION CENTER			
Family Head	Dependent	Total	Region	Center	Population
50,000	200,000	250,000	Wellega	Assosa Regi	50,000
			Illubabor	Gambela	50,000
			Keffa	Garafarda	50,000
			Gojjam	Metekel	50,000
			Gonder	Metema	50,000
			T O T A L.....250,000		

the rehabilitation target set for drought affected people in Gonder Region will be implemented in Phase two only.

MEDICAL & PHARMACEUTICAL REQUIREMENTS FOR 7.7 MILLION POPULATION
FOR 3 & 6 MONTHS (TIGRAY, WELLO, GONDER, SHEWA, HARERGE, FALE, SIDAMO,
GAMOGGFA, ERITREA, GOJJAM AND ARSSI).

No.	I T E M	UNIT	QTY	
			3 MONTHS	6 MONTHS
<u>ANALGESICS, ANTISPASMODICS</u>				
<u>& ANTI-RHUMATICS</u>				
1	A.S.A. 100 mg. of 1000 tbs	tin	1540	3080
2	A.S.A. 300 mg of 1000 "	"	1540	3080
3	Baralgin of 1000 tbs	"	1540	3080
4	Baralgin of 100 amp	Box	1540	3080
5	Paracetamol of 1000 tbs	Tin	1232	2464
6	Codeine compound of 1000 tbs	"	770	1540
7	Phenyl Butazone of 1000 "	"	1540	3080
<u>EXPECTORANTS, COUGH SUPPRESSANTS</u>				
<u>AND BRONCHO-DILATORS.</u>				
1	Dextromethorphan syrup of 640 ml	Bott	3080	6160
2	Codeine cough syrup of 640 ml	"	3080	6160
3	Iminopyllin 2.5 %	box	770	1540
4	Theophenedrin(franel) of 1000 tbs	tin	770	1540
<u>ANTIACIDS, LAXATIVES &</u>				
<u>ANTI-DIARRHEAL AGENTS</u>				
1	Aluminum hyd. of 1000 tbs	tin	1540	3080
2	Aluminum & magessum hyd. mix of 120 ml	bott	1540	3080
3	Mag. trisilicate of 1000 tbs	Tin	1540	3080
4	Bisacodyl of 1000 tbs	"	1540	3080
5	Mgso ₄ of 30 MG.	Sachet	30809	61600
6	Kaelin & pection mix. of 600gm	bag	3850	7700
7	Lomotil of 500 tbs(Diphenoxylate Hcl and atropine supphate)	tin	3080	6160
8	Kacpectate supp. of 60 ml	bott	3850	7700
<u>VITAMINS, HEMATINICSA & HEMATOSTATIC AGENTS</u>				
1	Vit. A & D of 1000 caps	bott	7700	15400
2	Vit. B-Compound of 1000 tbs	Tin	3080	6160
3	Vit B-Compound of 100 amp	Box	3080	6160
4	Multi-Vitamin C meneral of 1000 tbs	Tin	7700	15400
5	Ferrous sulphate C folic acid of 1000 tab.		7700	15400

No	I	T	L	M	UNIT	QTY	
						3MONTHS	6MONTHS
6	Ferrous lactate	125 mg	5 ml	of 100 amp	box	2310	15400
7	Vit. C	500 mg		of 1000 tbs	Tin	3080	4620
8	Vit. C	500 mg	/5 ml	of 1000 amp	Box	7700	15400
9	Vit. K ₁			of 100 amp	"	1540	3080
10	Adrenaline			of 100 amp	"	3080	6160
<u>TRANQUILIZERS</u>							
1	Diazepam	10 mg		of 100 amp	box	1540	3080
2	Diazepam	5mg		of 1000 tb	Tin	770	1540
3	Chlorpromazine	25 mg		of 1000 tbs	"	1540	3080
4	"	50 mg		of 1000 amp.	box	3080	6160
<u>ANTIBIOTICS. SULFONAMIDES & ANTIPROTOZOAL AGENTS.</u>							
1	Ampicillin	250 mg		of 1000 caps	tin	1540	3080
2	Ampicillin	125 mg	/5 ml	syrup of 60 ml	bott	1540	3080
3	Tetracycline	250 mg		of 1000 caps	tin	2310	4620
4	Tetracycline	syrup	125 mg	5 ml of 60 ml	bott	2310	4620
5	Tetracycline	eye oint		of 100 tube	box	3080	6160
6	Chloramphenicol	250 mg		of 1000 cap.	Tin	1540	3080
7	Chloramphenicol	syrup	125 mg	/5 ml of 60 ml	bott	15400	30800
8.	Chloramphenicol	ear drops		of 100 bott	box	3850	7700
9	Procaine penicilin	2,4 mg		of 100 vial9	"	3080	6160
10	Benzathine penicilin	2,4 mg		of 100Vial9	box	1540	3080
11	Streptomycin	1gm		/Vial of 100 vial	"	2310	4620
12	I.N.H.			of 100 ne of 1000 tbs	Tin	2310	4620
13.	Bactrim			of 1000 tbs	"	3850	7700
14	Bactrim	syrup		of 100 ml	bott	15400	30800
15	Chloroquin	59 mg	/5 ml	of 100 amp	"	3850	7700
16	Chloroquin	250 mg		of 1000 tbs	Tin	3080	6160
17	Chloroquin	syrup	125 mg	/5ml of 60ml	"	15400	30800
18	Primaquin	15 mg		of 1000 tbs	"	770	1540
19	Metronidazol	syrup	125 mg	/of 1000 caps	"	7700	15400
20	Metronidazol	syrup	125 mg	/5ml of 60ml	bott	3080	6160
21	Cloquinol	250 mg		of 1000 tbs	tin	770	1540
22	Sulphaguanidine			of 1000 tbs	"	3090	6160

No.	I T E M	QTY	
		UNIT (3MONTHS)	(6MONTHS)
<u>ANTHELMINTICS</u>			
1.	Piperazine adipate of 1000 tbs	Tin	3850 7700
2	Piperazine citrate syrup of 640 ml	Bott	7700 15400
3	Miclosamide 500 mg of 1000 tbs	tin	1540 3080
4	Dichlorophen 500 mg of 1000 tbs	"	1540 3080
5	Levamisole 40 mg of 1000 tbs(ketrax)	"	3080 6160
6	Bephenium hydroxy naphtoate of 15mg	sachet	77000 154000
7	Vermox tabs of 1000(mebendazole)	Tin	7700 15400
<u>OBSTETRIC PREPARATIONS</u>			
1	Ergometrine 0.2 mg of 1000 tbs	tin	1540 3080
2	Ergometrine).2 of 100amp	box	3080 6160
3	Oxytocin 3 U 1 ml of 100 amp	"	1540 3080
<u>ANTIALLERGIC PREPARATIONS</u>			
1	Promethazine Hcl 25 mg of 1000 tbs	tin	1540 3080
2	Promethazine HCl 5 mg 5 ml of 100 amp	box	3080 6160
3	promethzine oint 20 mg /tub of 100 tub	"	2310 4620
<u>EYE & NASAL PREPARATIONS</u>			
1	Sulphacetamide eye drop 20% 10 ml	bott	154000 308000
2	Xylomethazolin 1% 10 ml	"	154000 308000
<u>FLUIDES & ELECTROLYTES</u>			
1	Dextrose(5%) in water of 1000 ml	bag	77000 154000
2	Ringer's lactate of 1000 ml	"	154000 308000
3	Normal saline 0.9% of 1000 ml	"	77000 154000
4	Oral rehydration salt().R.S.)	Sachets	385000 770000
<u>SKIN PREPARATION,ANTISEPTICS</u>			
<u>DISINFECTANTE & DRESSING MATERIALS</u>			
1	ICHTION oint. of 1 kg	tin	1540 3080
2	White field oint of 1 kg	"	3080 6160
3	Salicylic acid oint of 1 kg	"	4620 9240
4	Methyl salicylate oint of 1 kg	"	1540 3080

No.	I T E M	UNIT	QTY	
			(3 MONTHS)	(6 MONTHS)
5	Savlon Hosp. Conc. of 25 lit	Can	770	1540
6	Iodine tinc of 1000 ml	bott	2310	4620
7	Alcohol denatured of 1000 ml (70%)	"	7700	15400
8	Centian violet 1 1000 ml	"	7700	15400
9	Suturing silk of 90 yard	roll	1540	3080
10	Michel clip of 100 pices	pack	1540	3080
11	Absorbant cotton of 1 kg	Roll	2310	4620
12	Adhesive plaster 2 x 10	"	30800	61600
13	Badage 7x 10	"	30800	61600
14	Gauze 9 m x90 gm	"	1540	3080
15	Benzyl benzoate lot . of 640 ml	bott	7700	15400
16	Basic clinical(health)equip.	set	214	-

ONE SET OF CLINICAL EQUIPMENT CONTAINS

- 1 Syring plastic of 2 ml
- 2 " " " 5 ml
- 3 " " " 10 ml
- 4 " " " 20 ml
- 5 Hypodermic needle no 1, 2, 12, 14, 22, Of 12 from
- 6 Thermometer auxillary
- 7 " Rectal
- 8 Stethoscope
- 9 Sphygmomanometer (Aneroid)
- 10 with calf
- 11 Foley catheter no 10,12,14,16 from
- 12 Tongue depressor(wooden of 100)
- 13 Applicator stick of 1000 pices
- 14 surgical glove no 6,6 $\frac{1}{2}$, 7 7 $\frac{1}{2}$ of 25 pairs from each no
- 15 Receptes of 6 from
- 16 " " 8 "
- 17 " " 11 "
- 18 Scissors Big
- 19 " Bandage
- 20 Dish for washing ins.
- 21 INSTRUMENT sterinzer
- 22 instrument tray O Coger
- 23 Examination table
- 24 Infant & Adult scales. etc.

WHO EMERGENCY HEALTH KIT

LIST A

BASIC DRUG REQUIREMENTS FOR
10 000 PERSONS FOR 3 MONTHS

Refer- ence No.	Drug [group in Essential Drugs list ^a]	Pharmaceutical form and strength	Total required for 3 months (rounded up)
A.1	Analgesics [2.1]		
	A.1.1 acetylsalicylic acid	tab. 300 mg	17 000 tab.
	A.1.2 paracetamol	tab. 500 mg	4 500 tab
A.2	Anthelmintics [6.1]		
	A.2.1 mebendazole <input type="checkbox"/>	tab 100 mg	2 100 tab.
	A.2.2 piperazine	syrup 500 mg/5 ml (30-ml bottles)	5 litres
A.3	Antibacterials [6.3]		
	A.3.1 ampicillin <input type="checkbox"/>	pulv susp. 125 mg/5 ml	420 bottles of 60 ml
	A.3.2 benzylpenicillin	pulv inj. 0.6 g (1 million IU)	500 vials
	A.3.3 phenoxymethylpenicillin	tab 250 mg	9 500 tab.
	A.3.4 procaine benzylpenicillin	pulv. inj. 3.0 g (3 million IU)	375 vials
	A.3.5 sulfamethoxazole + trimethoprim <input type="checkbox"/>	tab. 400 mg + 80 mg	7 500 tab
	A.3.6 tetracycline <input type="checkbox"/>	tab. 250 mg	9 000 tab.
A.4	Antimalarials [6.7]^a		
	A.4.1 chloroquine <input type="checkbox"/>	tab. 150 mg	8 000 tab.
	A.4.2 chloroquine <input type="checkbox"/>	syrup 50 mg/5 ml	3 litres
A.5	Antianaemia [10.1]		
	A.5.1 ferrous salt + folic acid (for use during pregnancy only)	tab. 60 mg + 0.2 mg	15 000 tab
	A.5.2 ferrous salt	tab. 60 mg	30 000 tab.
A.6	Dermatologicals [13]		
	A.6.1 benzoic acid + salicylic acid	oint. 6% + 3%, 25-g tube	100 tubes
	A.6.2 neomycin + bacitracin <input type="checkbox"/>	oint. 5 mg + 500 IU, g. 25-g tube	50 tubes

List A

Reference No.	Drug (group in Essential Drugs list*)	Pharmaceutical form and strength	Total required for 3 months (rounded up)
	A.6.3 calamine lotion <input type="checkbox"/>	lotion	5 litres
	A.6.4 benzyl benzoate	lotion 25%	35 litres
	A.6.5 gentian violet (not in Essential Drugs list)	crystals	200 g (8 bottles)
A.7	Disinfectants [15]		
	A.7.1 chlorhexidine <input type="checkbox"/>	solution 20%	5 litres
A.8	Antacids [17.1]		
	A.8.1 aluminium hydroxide	tab. 500 mg	5 000 tab.
A.9	Cathartics [17.5]		
	A.9.1 senna <input type="checkbox"/>	tab 7.5 mg	400 tab
A.10	Diarrhoea (replacement solution) [17.6]		
	A.10.1 oral rehydration salts	sachet 27.5 g/litre	6 000 sachets
A.11	Ophthalmologicals [21.1]		
	A.11.1 tetracycline <input type="checkbox"/>	eye oint. 1%, 5-g tube	750 tubes
A.12	Solutions [26.2]		
	A.12.1 water for injection	amp. 2 ml	500 amp.
	A.12.2 water for injection	amp. 10 ml	500 amp.
A.13	Vitamins [27]		
	A.13.1 retinol (vitamin A)	cap. 60 mg (200 000 IU)	500 cap
	A.13.2 retinol (vitamin A)	cap. 7.5 mg (25 000 IU)	400 cap.

*The figures in square brackets refer to the categories and subcategories in the Model List of Essential Drugs contained in the report of the WHO Expert Committee on the Use of Essential Drugs (WHO Technical Report Series No. 685, 1983).

Square symbol indicates that alternative drugs could be used.

Abbreviations used:

amp.	= ampoule(s)
cap	= capsule(s)
oint.	= ointment
pulv. inj.	= powder for injection
pulv. susp.	= powder for suspension
tab.	= tablet(s)

LIST B

DRUGS FOR USE BY DOCTORS
AND SENIOR HEALTH WORKERS

(in addition to List A)

Reference No.	Drug [group in Essential Drugs list ^a]	Pharmaceutical form and strength	Total amount
B.1	Local anaesthetics [1.2]		
	B.1.1 lidocaine□	inj. 1% vial of 50 ml	10 vials
B.2	Analgesics [2.2]		
	[B.2.1 pethidine□ ^a	inj. 50 mg in 1-ml amp	10 amp.]
B.3	Antiallergics [3]		
	B.3.1 chlorphenamine□	tab. 4 mg	100 tab.
B.4	Antiepileptics [5]		
	B.4.1 diazepam	inj. 5 mg/ml, 2-ml amp.	10 amp.
B.5	Antinfectives [6]		
	B.5.1 metronidazole□	tab. 250 mg	1 500 tab. (2 tds 5/7 for 50 patients)
	B.5.2 benzylpenicillin	pulv. inj. 3.0 g	100 vials
	B.5.3 chloramphenicol□	cap. 250 mg	2 000 cap. (2 qds 5/7 for 50 patients)
	B.5.4 cloxacillin□	cap. 500 mg	3 000 cap. (1 qds 7/7 for 35 adults) (1 bd 7/7 for 30 children)
B.6	Antimalarials [6.7]		
	B.6.1 quinine	inj. 300 mg/ml	20 amp. of 2 ml (average of 4 ml per patient)
	B.6.2 sulfadoxine + pyrimethamine	tab. 500 mg + 25 mg	150 tab. (2-3 stat. for 50 patients)
B.7	Plasma substitute [11.1]		
	B.7.1 dextran 70	inj. sol 6%/500 ml with 10 giving sets	5 litres

Reference No	Drug (group in Essential Drugs list*)	Pharmaceutical form and strength	Total amount
B.8	Cardiovascular [12]		
B.8.1	glyceryl trinitrate	tab 0.5 mg	100 tab.
B.8.2	propranolol□	tab. 40 mg	100 tab.
B.8.3	digoxin	tab 0.25 mg	100 tab.
B.8.4	digoxin	inj. 0.25 mg/ml in 2-ml amp.	10 amp.
B.8.5	epinephrine	inj. 1 mg/ml in 1-ml amp.	10 amp.
B.9	Dermatologicals [13]		
B.9.1	nystatin	cream 100 000 IU/g, 30-g tube	10 tubes
B.9.2	hydrocortisone	cream 1%, 30-g tube	10 tubes
B.10	Diuretics [16]		
B.10.1	furosemide□	tab 40 mg	100 tab.
B.10.2	furosemide□	inj. 10 mg/ml in 2-ml amp.	10 amp
B.11	Gastrointestinals [17]		
B.11.1	promethazine□	tab. 25 mg	100 tab.
B.11.2	promethazine□	syrup 5 mg/5ml, bottle of 250 ml	10 bottles
[B.11.3	codeine□^	tab 30 mg	100 tab.]
B.12	Hormones [18]		
B.12.1	hydrocortisone	puiv inj. 100 mg	10 vials
B.13	Ophthalmologicals [21.1]		
B.13.1	sulfacetamide	eye oint 10%, 5-g tube	250 tubes
B.14	Oxytocics [22]		
B.14.1	ergometrine□	tab. 0.2 mg	100 tab.
B.14.2	ergometrine□	inj. 0.2 mg/ml in 1-ml amp.	10 amp.
B.15	Psychotherapeutics [24]		
B.15.1	diazepam□	tab. 5 mg	100 tab.
B.16	Respiratory [25]		
B.16.1	aminophylline□	inj. 25 mg/ml in 10-ml amp	10 amp
B.16.2	salbutamol□	oral inhalation, 0.1 mg per dose	5 aerosols
B.16.3	beclometasone	oral inhalation, 0.05 mg per dose	5 aerosols

List B

Reference No.	Drug [group in Essential Drugs list*]	Pharmaceutical form and strength	Total amount
B.17	Solutions [26.2]		
B.17.1	compound solution of sodium lactate <input type="checkbox"/>	inj. sol. 500 ml	10 litres
B.17.2	glucose	inj. sol. 50% hypertonic, 10-ml amp.	10 amp.
B.17.3	sodium chloride	inj. sol. 0.9% isotonic, 500 ml with 10 giving sets	5 litres
B.17.4	water for injection	10-ml amp.	100 amp

*The figures in square brackets refer to the categories and subcategories in the Model List of Essential Drugs contained in the report of the WHO Expert Committee on the Use of Essential Drugs (WHO Technical Report Series, No. 685, 1983)

Square symbol indicates that alternative drugs could be used

Abbreviations used:

amp	= ampoulets)
cap.	= capsules)
inj.	= injection
inj sol	= injectable solution
oint	= ointment
pulv inj	= powder for injection
tab.	= tablet(s)

LIST C

BASIC MEDICAL EQUIPMENT FOR A CLINIC

(Items marked with an asterisk (*) may need replacing every 3 months)

Refer- ence No.	Description	Quantity
C.1	Sterile disposable syringes, Luer 2 ml	4 000*
C.2	Sterile disposable syringes, Luer 10 ml	1 000*
C.3	Sterile disposable needles 0.8 × 40 mm/G21 × 1½" (0.8 × 38 mm)	2 500*
C.4	Sterile disposable needles 0.5 × 16 mm/G25 × 5/8" (0.5 × 15 mm)	2 500*
C.5	Interchangeable glass syringes, Luer 2 ml	5
C.6	Interchangeable glass syringes, Luer 10 ml	5
C.7	Interchangeable needles, 144 assorted, Luer	2 packets
C.8	Sterile swabs	5 000
C.9	Emergency suture sets with needles, packet of 12	15 packets*
C.10	Needle-holder	1
C.11	Scalpel handle, No. 3 size	2
C.12	Artery forceps	2
C.13	Dissecting forceps	2
C.14	Blades, disposable, size 10	100*
C.15	Scissors, straight	6
C.16	Scissors, suture	1
C.17	Thermometers, clinical	10
C.18	Stethoscopes, standard and fetal	2 of each
C.19	Sphygmomanometer, anaeroid	1
C.20	Diagnostic set (auroscope, ophthalmoscope)	1
C.21	Batteries, alkaline, dry-cell, "D" type, 1.5 V, for item C.20	4*
C.22	Vaginal speculum, Graves	2
C.23	Metal syringe for ear-washing, 90 ml	1
C.24	Tongue depressor, metal	1
C.25	Nasogastric tubes, size Ch. 5 (premature), polyethylene	5*
C.26	Nasogastric tubes, size Ch. 8 (infant), polyethylene	10
C.27	Nasogastric tubes, size 12, polyethylene	5*
C.28	Scalp vein needles	50
C.29	Gloves, reusable, small	100
C.30	Gloves, reusable, medium	100
C.31	Gloves, reusable, large	100

Reference No.	Description	Quantity
C.32	Dressing trays with lid, stainless steel	4
C.33	Basins, kidney, 350 ml, stainless steel	2
C.34	Bowls, round with lid, 240 ml, stainless steel	4
C.35	Bowls, round, 600 ml, stainless steel	4
C.36	Gauze swabs, 5 × 5 cm, packets of 100	10 packets
C.37	Gauze swabs, 10 × 10 cm, packets of 100	10 packets*
C.38	Sterile gauze swabs, 10 × 10 cm, packets of 5	50 packets*
C.39	Eye pads (sterile)	6 packets*
C.40	Paraffin gauze dressings, 10 × 10 cm, tins of 36	3 tins*
C.41	Sanitary towels	200*
C.42	White cotton wool, rolls of 500 g	2 rolls*
C.43	Zinc oxide plaster, 25 mm × 0.9 m roll	120 rolls*
C.44	Gauze bandages, 25 mm × 9 m	50*
C.45	Gauze bandages, 50 mm × 9 m	50*
C.46	Gauze bandages, 75 mm × 9 m	50*
C.47	Plaster of Paris bandages 3" × 3 yds (7.5 cm × 2.7 m), packet of 1 dozen	1 packet
C.48	Pneumatic splint set, multipurpose	1*
C.49	Safety pins, 40 mm	500*
C.50	Hand towels	2*
C.51	Soap, cleansing	60 bars*
C.52	Nail brushes, surgeon's	5*
C.53	Health cards with plastic envelopes	10 000*
C.54	Plastic envelopes for drugs	10 000*
C.55	Plastic sheeting 910 mm wide	2 m
C.56	Aprons, plastic	2
C.57	Tape measures, 2 m (6 ft)	2
C.58	Weighing scale, adult, 140 kg × 100 g	1
C.59	Weighing scale, infant, 25 kg × 20 g	1
C.60	Height measuring board	1
C.61	Sterilizer, dressing, pressure type, 350 mm diameter × 380 mm	1
C.62	Stove for C.61, kerosene, single-burner, pressure	1
C.63	Basic laboratory kit and spares	1
C.64	Filter, water-candle, aluminium, 9 litres	1
C.65	Rapid reagent tablets (Clinitest or similar)	5 bottles*
C.66	Rapid reagent strips (Multistix or similar)	5 bottles*
C.67	Airway (children's set)	1
C.68	Book: <i>WHO Emergency Health Kit</i>	1

SUPPLEMENTARY FOOD REQUIREMENT = DEC. 1984 - DEC 1985

No.	Administrative Region	AWRAJA	Population	Supplementary Food Required (M)
1	Wollo	Ambassel	363,730	5,450
2	"	Yeju	280,930	4,193.9
3	"	Bayana Kobo	230,370	3,439.8
4	"	Wag	290,780	4,340.9
5	"	Wadla-Delanta	195,000	2,955.8
6	"	Besse-Zuria	239,090	3,569.3
7	"	Lasta	202,530	3,038.4
8	"	Kalu	395,800	5,908.8
9	"	Were-Himenu	170,000	2,537.8
10	"	Were-Illu	113,130	1,699.8
11	"	Borena	47,060	702.5
12	"	Awasa	55,000	821
		TOTAL		38,627
1	Tigrai	Adva	291,700	4,972.2
2	"	Axum	205,040	3,508.7
3	"	Agame	280,890	4,788
4	"	Hulet Awlaelo	189,450	3,229.4
5	"	Inderta	182,600	2,771.6
6	"	Rayana Azebo	138,910	2,367.8
7	"	Tembien	186,000	2,727.3
		TOTAL		24,365
1	ERTREA	Akeleguzai	162,000	2,661
2	"	Cashane-Setit	74,780	1,228.3
3	"	Seraie	33,980	558.1
4	"	Akurdet	58,200	956.
5	"	Hamassien	255,960	4,204.3
6	"	Keren	110,200	1,810.1
7	"	Sahel	78,800	1,228.6
8	"	Kei-Bahir	57,080	937.6
		TOTAL		13,584
1	Gondar	Gaint	225,000	3,843.5
2	"	Libo	28,000	478.3
3	"	Wogera	6,000	102.6
		TOTAL		5,919

NO	ADMINISTRATIVE REGION	A W R E J A	POPULATION	SUPPLEMENTARY FOOD REQUIRED (MT)
1	SIDAMO	Borena	75,000	1,013
2	"	Wolaita	296,000	3,997.8
3	"	Arero	131,500	1,776
4	"	Jenjen	30,000	405.2
			TOTAL	<u>7,192</u>
1	GAMOGOFFA	Gamo	13,000	175.7
2	"	Gardulla	53,330	720.1
3	"	Goffa	10,000	135.1
4	"	Celebna - hamerbaco	30,000	405.1
			TOTAL	<u>1,436</u>
1	HARARGE	Gijiga	214,260	3,417.6
2	"	Gursum	58,180	928
3	"	Harar zuria	263,000	4,035.6
4	"	Chercher Adalna		
		Garamuletta	132,900	2,119.8
5	Garamuletta	"	246,000	2,326.8
6	"	Dredawa zuria	60,000	957
			TOTAL	<u>13,787</u>
1	S H O A	Yigatna-Timuga	326,220	5,179.6
2	"	Wanzna Gische	155,560	2,469.7
3	"	Merhabete	59,140	939
4	"	Kehbatana hadiya	155,560	2,470
5	"	Haikochna B. jira	80,000	1,270.7
6	"	Salale	3,340	<u>53</u>
			TOTAL	<u>12,382</u>
1	A R S I	Arbaggugu	49,464	789.1
		Chilalo	27,000	<u>430.9</u>
		TOTAL		<u>1,220</u>

No.	ADMINISTRATIVE	A W R A J A	POPULATION	SUPPLEMENTARY FOOD REQUIRED (NT)
1.	B A L E	Mendeyo	48, 000	735. 9
2.	,,	Wabe	22, 920	351. 6
3.	,,	Dollo	15, 000	229. 9
4.	,,	El-kere	35, 000	536. 6
			TOTAL	1,854
1 .	GoBJAN	MOTA	60, 000	1, 024.6
	,,	BIGHENA	16, 120	275.4
			TOTAL	1, 300
			GRAND TOTAL	121,666 *****

Nutrition surveillance

Principles

1. Surveillance is the foundation of the nutrition aspects of any relief programme. A functioning surveillance system allows focusing of resources on the most important problem and allows early detection of new problems;
2. Organization of surveillance should be simple yet allow such focusing or early detection to occur efficiently;
3. Results of data analysis at the central level should be transmitted to all who need to know (medical coordinators, supplementary feeding staff, administration) in a timely fashion;
4. Age groups should correspond to those which most easily differentiate risk groups (<1 month, 1-11 months, 1-4 years, 5-14 years, 15-44 years female, 15-44 years male, ≥45 years)

Data Collection

The following should be collected or calculated on a monthly basis from each population group:

1. Population: total & specific age information if available;
2. Deaths and death rates from
 - a) all causes (crude mortality rate)
 - b) protein energy malnutrition (includes all children < 80% of standard wt/ht regardless of primary diagnosis)
 - c) measles
 - d) beri-beri
 - e) diarrhea and gastro-intestinal illness
3. Hospital referrals/admissions and rates from:
 - a) protein energy malnutrition
 - b) measles;
 - c) xerophthalmia;
 - d) beri-beri.
4. Births number, mean birthweight and percent <2.5 kg

Investigations

Reports of the following conditions should trigger a slightly more detailed investigation: measles death, PEM death, xerophthalmia case, beri-beri case.

Information sought should be relevant to programme improvement and should include at least:

- 1) age,
- 2) supplementary feeding programme attendance including reason for non-attendance if that is the case;
- 3) breast feeding or bottle feeding status if not weaned,
- 4) time in camp,
- 5) all illnesses.

Surveys

Random surveys of children from 6-60 months should be conducted every 6 months to ascertain:

1. prevalence of low weight-for-height (using 12 month age intervals, i.e., 12-23 months, 24-35 months, etc.), in the camp and in individual sections,
2. supplementary feeding programme attendance (%) of all eligible groups (including pregnant and lactating women);
3. breast feeding prevalence rates at various infant ages;
4. other easily collected relevant data - e.g. vaccination levels

Results of such surveys should carefully document method of sample selection and method of measurement

Supplementary Feeding Programme Data

Camp: _____ Group: _____ Date: _____

Population total: _____

<u>Current Registration</u>	<u>No. Registered</u>	<u>Daily No. Attending</u>	<u>Estimated Coverage *</u>		
Pregnant Women	_____	_____	_____		
Lactating Women	_____	_____	_____		
Children < 3 yrs.	_____	_____	< 1yr	1-2yr	2-3yr
Malnourished	_____	_____	_____		
Other (_____)	_____	_____	_____		
TOTAL	_____	_____	_____		

Evaluation

% gaining weight: _____

Mean weight gain: _____

Outreach: For a) "No show": _____

Miscellaneous: 1) Vitamin A: _____ Ill every _____

2) Feeding bottles

3) Commercial formula

4) Measles vaccine:

* % of eligible population being served.

MALNUTRITION EPISODE INVESTIGATION FORM

I. Name _____
Age _____ Camp _____ Quarter _____

Conduction
- Pem death
- measles death
- Xerophthalmia
- Beri-beri
- other _____

II. Supplementary Feeding Status

	<u>Yes</u>	<u>No</u>
Eligible	_____	_____
Registered	_____	_____
Attends (32/wk)	_____	_____

III. Reason for Non-Attendance: _____ unaware of programme
_____ too far
_____ unaware of need
_____ lost card.

IV. Infant feeding status (24 mos.)

	<u>Exclusively</u>	<u>Some</u>	<u>No</u>
breast fed	_____	_____	_____
bottle fed	_____	_____	_____

Usual content of feeding bottle if used? _____

V. Notes

SURVEY DATA SHEET - CHILDREN

Camp: _____ Group: _____ Date: _____

Population Total: _____ (Count/Estimate?) Date of Last Census: ____/____/____

< 1 yr. ____; 1-4 yrs. ____; 5-14 yrs. ____; 15-44 yrs.; > 45+ yrs. ____

Births in Last 90 (or ____) Days: N = _____

Fim Hse	Ser. No.	Sex	(y-m) Age	CLINICAL SIGNS					VACCINES					Examined?	Remarks
				Skin	Eye	Nutr	Edema	Fever	DPT	Folio	M&S	BCG	Chol		
	-01														
	-02														
	-03														
	-04														
	-05														
	-06														
	-07														
	-08														
	-09														
	-10														
	-11														
	-12														
	-13														
	-14														
	-15														
	-16														
	-17														
	-18														
	-19														
	-20														

SAMPLE FORM

GUIDANCE TO AUXILIARY AND BASICALLY TRAINED
HEALTH PERSONNEL
Standardized treatment schedules (List A)

Drug	Age group	Form and strength	Course and quantity	Total requirement*
acetylsalicylic acid	children	tab. 300 mg	½-1 tds 2/7 = 6 tab.	= 2 100 tab.
acetylsalicylic acid	adult	tab. 300 mg	2 tds 2/7 = 12 tab.	= 14 400 tab.
aluminium hydroxide	adult	tab 500 mg	1 qds 5/7 = 20 tab.	= 5 000 tab.
ampicillin□	children	pulv. susp. 125 mg/5ml	125 mg qds 5/7 = 100 ml	= 420 bottles (60 ml)
benzoic acid + salicylic acid	children	oint. 25 g	(external use)	= 100 tubes
benzyl benzoate	both	lotion 25%	100 ml = 100 ml	= 35 litres
benzylpenicillin	children	pulv. inj 0.6 g (1 million IU)	1 od 5/7 = 5 vials	= 500 vials
calamine lotion□	both	1-litre bottles	(external use)	= 5 litres
chlorhexidine□	both	solution 20%	(external use)	= 5 litres
chloroquine□	children	syrup 50 mg/5 ml	10 mg/kg = average 15 ml	= 3 litres
chloroquine□	children	tab 150 mg	varies = 5 tab. (full dose)	= 2 750 tab.
chloroquine□	adult	tab 150 mg	varies = 10 tab. (full dose)	= 5 000 tab.
ferrous salt	both	tab 60mg	1 od 30 days = 30 tab.	= 30 000 tab.
ferrous salt + folic acid	pregnant women	tab. 60 mg	1 bd 30 days = 60 tab.	= 15 000 tab.
gentian violet	both	25-g bottles	(external use)	= 8 bottles
mefen-dazole□	both	tab. 100 mg	2 stat. = 2 tab.	= 2 100 tab.

Drug	Age group	Form and strength	Course and quantity	Total requirement*
neomycin+ bacitracin□	adult	oint. 25 g	bd 7/7	= 1 tube = 50 tubes
oral rehydration salts	both	sachet 27.5 g	varies	= 3 sachets = 6 000 sachets
paracetamol	children	tab. 500 mg	125-250 mg tds 2/7	= 3 tab. = 1 200 tab.
paracetamol	adult	tab. 500 mg	2 tds 2/7	= 12 tab. = 3 000 tab.
piperazine	children	syrup 500 mg/5 ml	20 ml stat.	= 20 ml = 5 litres
phenoxy- methyl- penicillin	children	tab. 250 mg	125 mg qds 7/7	= 14 tab. = 9 100 tab.
procaine benzyl- penicillin	adult	pulv inj. 3 g (3 million IU)	1 stat.	= 1 vial = 375 vials
retinol	infants	cap 7.5 mg	4 stat	= 4 cap. = 400 cap.
retinol	both	cap 60 mg	1 stat	= 1 cap. = 500 cap.
senna□	adult	tab 7.5 mg	2 stat	= 2 tab. = 400 tab.
sulfa- methoxazole + trimetho- prim□	adult	tab. 400 mg + 80 mg	2 bd 5/7	= 20 tab. = 7 500 tab.
tetra- cycline□	adult	tab. 250 mg	1 qds 7/7	= 28 tab. = 8 400 tab.
tetra- cycline□	both	eye oint. 1% 5-g tube	qds 7/7	= 1 tube = 750 tubes

*Based on numbers of persons to be treated as given in the WHO Emergency Kit.

□ Square symbol indicates that alternative drugs could be used

Abbreviations used:

bd	= take twice a day
cap	= capsule(s)
od	= take daily
oint.	= ointment
pulv inj.	= powder for injection
pulv susp.	= powder for suspension
qds	= take 4 times a day
stat	= at once
tab	= tablet(s)
tds	= take 3 times a day
x/7	= x number of days per week