

# OPERATIONS UPDATE



International Federation of Red Cross and Red Crescent Societies  
Fédération Internationale des Sociétés de la Croix-Rouge et du Croissant-Rouge  
Federación Internacional de Sociedades de la Cruz Roja y de la Media Luna Roja  
الاتحاد الدولي لجمعيات الصليب الأحمر والهلال الأحمر

## IRAN: BAM EARTHQUAKE

11 January, 2004

### FOCUS ON HEALTH, WATER, & SANITATION

Revised Appeal No. 25/03; Operations Update no. 5

Appeal history:

- Preliminary Appeal launched on 26 December 2003 for CHF 15,409,300 (USD 12,290,337 or EUR 9,886,505) for 6 months for 200,000 beneficiaries.
- Revised Appeal launched on 8 January 2004 (USD 42,006,534 or EUR 33,119,207) for 6 - 8 months to assist 210,000 beneficiaries.

Disaster Relief Emergency Funds (DREF) allocated: N/A

Period covered: 03 to 08 January, 2003

*The Federation's mission is to improve the lives of vulnerable people by mobilizing the power of humanity. It is the world's largest humanitarian organization and its millions of volunteers are active in over 180 countries.*

For more information: [www.ifrc.org](http://www.ifrc.org)

### In Brief

Appeal coverage: approximately 28.5%; for details see the attached contributions list, also available on the Federation's website.

Outstanding needs: CHF 37,114,740

The International Federation and the UN simultaneously signed their respective appeals (the Federation's Revised Emergency Appeal no. 25/03, and the Flash Appeal for the UN) in Bam on 8 January 2004 (the Federation's Appeal is available on [www.ifrc.org](http://www.ifrc.org)). Presiding at the signing ceremony were the President of the International Federation Juan Manuel Suarez del Toro, the President of the Red Crescent Society of the Islamic Republic of Iran (IRCS) Dr. Ahmad Ali Noorbala, and UN Under-Secretary General Jan Egeland, accompanied by more than 150 representatives of the national and local government of the Islamic Republic of Iran, partner national societies, embassies based in Teheran, UN agencies, the ICRC, NGOs, and the media. This was followed by a teleconference where some 28 national societies reviewed plans in line with the Federation's Revised Appeal.

Despite the significant mobilization of relief, the size and scope of this disaster means that the humanitarian plight of thousands in Bam continues. More systematic distributions are now taking place by the IRCS, along with the ongoing registration of beneficiaries and the issuing of ration cards. The Old Bam city is divided into 12 operational districts, each being covered by sub-operational IRCS teams in charge of mapping, registering and distributing relief good. From 26 December 2003 to 4 January, nearly 80 major aftershocks were reportedly recorded in the region, with one (8 January) that caused four casualties when the wall of a damaged house collapsed.

The operation is now moving from the immediate emergency response phase, to a focus on medium to longer-term assistance. In this respect several assessments are underway to determine the medium to longer needs, and to align planning accordingly.

## Background

A major earthquake measuring 6.3 on the Richter scale hit Iran on the morning of 26 December 2003 at 05:28 (local time), centered on the city of Bam, Kerman Province in the southeast of the country. Given the scale and scope of the disaster, the Government of the Islamic Republic of Iran and the Red Crescent Society of the Islamic Republic of Iran (IRCS) formally requested international assistance, and the Federation responded by launching a preliminary Appeal (no. 25/03) on 26 December 2003 to provide immediate relief and basic assistance to the intended 200,000 beneficiaries, and to undertake assessment with a view to providing longer-term rehabilitation and reconstruction assistance. This was followed by a Revised Appeal launched on 8 January 2004 intended to assist 210,000 people, and articulates how the Federation will assist the IRCS to effectively respond to the actual emerging needs in Bam while serving to emphasize the Federation's commitment to supporting the IRCS in carrying out effective, targeted, and discrete rehabilitation activities in the health, water and sanitation, shelter, logistics, and disaster preparedness sectors.

## Operational developments

According to the Tehran seismology faculty, nearly 80 major aftershocks have been recorded in the region from December 26 to January 04. The one recorded on January 08, 2004 caused four casualties when the wall of a damaged house collapsed. The table below summarizes preliminary key statistics as of 5 January, 2004. The numbers of directly and indirectly affected are likely to increase.

Deaths	Injured	Homeless	Orphans	Houses/buildings destroyed
30,000	30,000 of which 10,000 evacuated	75,000 of which 20,000 with extended families	1,850	85%

According to the authorities, search of houses/buildings continues and will be completed shortly. The majority of people who remain in the area have been allocated a tent and have settled in the vicinity of their former houses. The first camps for homeless have been established, but the affected communities seem reluctant to move into camps away from their current properties and would prefer for the time being to stay near their former homes. There are requests from the affected people to erect the semi permanent tents close to their former residencies, which would enable them to continue the work on their land. The authorities requested the IRCS to take over the responsibility for the management of the tent camps and ensure the necessary infrastructure within the camps with the assistance of the International Federation in the field of health services and water/ sanitation utilities.

## Red Cross and Red Crescent action

Some 1,700 IRCS relief workers continue to carry out a variety of operational tasks. At the end of the search and rescue phase, the IRCS started its mid-term relief operation by registering families in the city and the affected villages. Based on the IRCS's mid-term relief plan, the region has been divided into 12 districts. In each district families are registered by IRCS units and provided with beneficiary cards and relief ration cards. The registered families will receive standardized relief items on a monthly and six-month basis. The IRCS, with the support of national and international individuals and organisations, will carry out the mid-term relief operation for a total number of 40,000 families for a period of 6-8 months. A portion of the homeless population will be accommodated in a number of camps which are being set up. The operation will provide a number of other services such as psycho-social support, unaccompanied children care, and public health and sanitation.

### Health

The Red Cross and Red Crescent health emergency response units (ERUs) consist of:

- a referral field hospital (with the capacity of up to 200 beds) jointly deployed by the Norwegian and the Finnish Red Cross;
- two basic health units of the German Red Cross; and
- 20 beds clinic from the Japanese Red Cross.

In the 3-8 January period (inclusive) 1,984 patients were treated in the Federation's health facilities in Bam (some 250-300 are being seen each day). These units will gradually become the major providers of health services to the

## **Iran: Earthquake; Appeal no. 25/03; Operations Update no. 5**

population of Bam and its surroundings after the planned departure of the field hospitals from the Ukraine, France, Belgium and Saudi Arabia. USAID donated the field surgical unit that was deployed in Bam to the Federation. The unit and additional equipment were incorporated into the referral hospital. The hospital (with rehabilitation/orthopedic ward) will be expanded since it is expected that evacuated people will gradually return, and will seek follow-up treatment, which may consist largely of orthopedic rehabilitation.

Recruitment of medical and support staff for the hospital remains a constraint. Some 100 medical and other staff members (preferably from the IRCS because of the gradual hand-over) are needed for the functioning of the hospital. So far a limited number of IRCS staff members had joined the 40-member Finnish/Norwegian Red Cross medical team. There is also an urgent need to deploy a medical logistician to work with the IRCS to consider issues such as local procurement, quality control, and supply lines.

The IRCS and the Ministry of Health (MoH) are expected to sign a Memorandum of Understanding regarding the planned hand-over of the hospital. The evacuation chain between the Red Cross and Red Crescent primary health units (German Red Cross on two locations) and the Japanese Red Cross clinic and hospital was established with two ambulances on permanent stand-by. Formats and treatment protocols for monitoring possible outbreaks of diarrhoeal diseases and respiratory tract infections have been developed and used for the active disease surveillance in all Federation health facilities.

### **Basic/Primary Health Care (BHC/PHC)**

The German Red Cross Basic Health Care ERUs were deployed in two locations in Bam, one in the city's stadium (Akhavan Stadium), the other in the yard of Zaid Biljari School. The small IRCS clinic with one doctor was operating in the stadium location, and together with the German Red Cross team are now working as one RC/RC team.

The 14-member Japanese Red Cross health team started to operate the clinic before the equipment arrived. The clinic is now fully equipped and operational (as of 5 January).

### **Psychological Support Programme (PSP)**

The day after the earthquake a team of 85 IRCS staff and volunteers trained in PSP arrived in Bam. During the first week the team split into small groups, visiting beneficiaries on the sites, (the rubble of their houses, tent camps, field clinics) both in the Old Bam as well as in the neighbouring villages where a number of people sought refuge. Nine people are currently deployed on the ground (psychologists, social workers and nurses). They are split into three teams of three persons working in ten-day shifts. Each team has a small quantity of relief items for women and children, and items for recreational activities for children. Once on the chosen site specially trained volunteers first gather scattered children, organize a playground, and distribute toys, colour pens, pads and small hygiene parcels. The women are providing psychological counselling on the spot, along with appropriate hygiene items.

Specialized play kits (recreational/occupational) for children were included into the Federation Revised Emergency Appeal (25/03) and donors are urged to provide support since the IRCS does not have sufficient quantities of these items.

A combined Danish Red Cross/Icelandic Red Cross psychosocial support team of 3 arrived in Bam to carry out assessments together with the IRCS, with two main objectives:

- initiate, design and set-up a community oriented PSP aiming at providing support to the affected population during both the emergency and a rehabilitation phase;
- outline a feasible long-term PSP, targeting psychosocial needs with a capacity building component through appropriate integrated training targeting 1,000 IRCS staff and volunteers.

Liaison efforts with are underway with UNICEF and other agencies in order to coordinate activities and avoid duplication.

### **Water and sanitation**

## Iran: Earthquake; Appeal no. 25/03; Operations Update no. 5

The IRCS and the Federation's ERUs are leading the emergency response in the water and sanitation sector. All the ERUs are acting as one team closely coordinating the activities according to the priorities.

- Spanish Red Cross: Mobile specialized water ERU team (5 mobile treatment units).
- Austrian Red Cross: Specialized water ERU team.
- French Red Cross: Mass water ERU team.
- Swedish Red Cross: Mass water and sanitation ERU team.

Federation referral hospital: a water network has been installed in the Federation referral hospital, with the assistance of the Austrian, French and Swedish Red Cross ERUs, under the overall coordination of the Austrian Red Cross. This network is able to supply 150,000 litres per day of water for the hospital and the Red Cross and Red Crescent compound, with a storage capacity of 230,000 litres. Latrines for 900 people have been built in the same area. The French ERU has installed a 70,000 litre steel tank for raw water and a 95,000 litre steel tank for purified water. The Austrian ERU produces the purification and quality control of the water. The Swedish ERU has put in place the gravity network for the hospital, and the latrines and disposal for dangerous medical wastes. The Austrian team also supplied a network with 5 tap stands for the compound.

PHC Units: the Spanish specialized water ERU team has provided 4 mobile treatment units to purify the water in 3 basic health care units – BHCU- (in 2 German Red Cross units and in one Japanese Red Cross unit) and in the temporary operational general hospital of Bam. Each treatment unit has a capacity of 30,000 litres per day, with a 45,000 litre storage capacity. In the three BHCU, the Spanish ERU team will provide environmental sanitation (latrines, medical waste disposal and vector control).

Camps for homeless people, and Bam water supplies: the French ERU has installed a 70,000-litre steel tank for homeless people in the camp nearby the water department office, and the Swedish ERU is providing a reservoir of 95,000 litres with a network to supply a homeless camp of 500 tents (capacity of 4,000 people) in the south of Bam. The French ERU is currently installing bladder and steel tanks in the centre of the city of Bam (in the tent camp managed by the Turkish Red Crescent and in all locations where people have installed groups of tents provided by the IRCS). The Swedish ERU team Bafia camp installed a 95,000-litre tank for storage of treated drinking water in Bafia camp and two 10,000-litres bladder tanks for gravity distribution of water for 2,000 people that will move to the camp. The team has also supported the camp and the surrounding area with 60 latrines (providing safe sanitation for up to 2,400 people). The municipal water department will be supplied with the laboratory material enabling it to analyze the quality of water in Bam.

The Federation and the IRCS are coordinating water and sanitation activities with specialized agencies on the ground, such as the German THW, MSF-France, Action Contre le Faim (ACF), and UNICEF.

## Logistics

**Warehousing:** The Federation logistics team (British Red Cross/Danish Red Cross ERU) is in a position to handle all incoming relief goods with eight mobile warehouses (with the capacity of approximately 1,000 metric tons each) and two forklifts. With the first consignments of relief items received in the Red Cross and Red Crescent compound on 2 January 2004, the Federation initiated its standard logistics systems and procedures. A warehouse manager joined the logistics ERU team ensuring proper handling of all goods. All outstanding Red Cross and Red Crescent stocks that were mis-delivered have been cleared and stocked in the Federation compound. Stock movement reports are now issued regularly (as of 5 January 2004).

## Partner national societies:

- **Turkish Red Crescent Society (TRCS):** the TRCS has brought various relief supplies to Bam by air, land, and sea, including tents, blankets, kitchen sets, body bags, food parcels, medical supplies and medicines, chlorine tablets, generators, sleeping bags, gas heaters and multipurpose tents worth approximately USD 596,792. The TRCS team of 14 established a "Turk-Iran friendship" tent camp with 146 tents sheltering 120 families. Each family received 10 blankets, 4 sleeping bags, one kitchen set, and a gas heater. Some 13,460 blankets, 58 tents, 114 boxes of medical supplies and medicines, 2,840 body bags

**Iran: Earthquake; Appeal no. 25/03; Operations Update no. 5**

and 14 generators were donated to the IRCS for further use and distribution. TRCS team is accommodated in the Red Cross and Red Crescent compound.

- **Saudi Arabia Red Crescent (SARC):** with 257 patients evacuated from Bam on board the Saudi Arabia Red Crescent flying hospital the national society has contributed to the life saving operation. The SARC operates a field hospital with 19 doctors. Some 400 patients were treated in the hospital from 4-7 January.

**For further details please contact:**

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*All International Federation assistance seeks to adhere to the Code of Conduct and is committed to the Humanitarian Charter and Minimum Standards in Disaster Response (SPHERE Project) in delivering assistance to the most vulnerable.*

*For support to or for further information concerning Federation programmes or operations in this or other countries, please access the Federation website at <http://www.ifrc.org>*

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# Iran - Earthquake

ANNEX 1

APPEAL No. 25/2003

## PLEDGES RECEIVED

11.01.2004

DONOR	CATEGORY	QUANTITY	UNIT	VALUE CHF	DATE	COMMENT
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### CASH

REQUESTED IN APPEAL CHF ----->				51'913'000	TOTAL COVERAGE 28.5%	
AMERICAN - GOVT/USAID		600'000	USD	779'100	30.12.03	
AMERICAN - RC		200'000	USD	249'800	05.01.04	RELIEF & SUPPORT TRANSPORT OF RELIEF ERU
AMERICAN - PRIVATE DONORS				1'168	30.12.03	
AUSTRALIAN - RC		500'000	AUD	466'250	06.01.04	APPEAL SUPPORT
AUSTRALIAN - GOVT		500'000	AUD	466'250	07.01.04	
BRITISH - GOVT/DFID		147'059	GBP	327'721	30.12.03	
CANADIAN - RC		100'000	CAD	99'500	27.12.03	
CANADIAN - GOVT		742'500	CAD	738'787	29.12.03	
CANADIAN - GOVT/CIDA-IHA/RC		9'750	CAD	9'701	27.12.03	PROGRAMME SUPPORT
CANADIAN - RC		500'000	CAD	476'750	02.01.04	
DANISH - RC				38'757	26.12.03	
DANISH - GOVT				199'023	26.12.03	
ECHO (01001)		622'129	EUR	963'367	28.12.03	
ECHO/FINNISH - RC/GOVT		1'500'000	EUR	2'340'000	02.01.04	BILATERAL: FIELD HOSPITAL
FINNISH - RC		100'000	EUR	154'850	02.01.04	
HELLENIC - RC		20'000	EUR	30'970	29.12.03	TO PURCHASE 5'900 BLANKETS
ICELANDIC - RC		2'000'000	ISK	35'200	28.12.03	
IRISH - GOVT		500'000	EUR	780'000	07.01.04	
JAPANESE - RC		249'543	USD	324'031	27.12.03	
KOREAN - RC				50'000	29.12.03	
LIBYAN - RC				25'000	27.12.03	
MALAYSIAN - RC		10'000	USD	12'985	30.12.03	BILATERAL
MONACO - RC		15'000	EUR	23'228	29.12.03	
NEW ZEALAND - RC		50'000	NZD	41'500	02.01.04	
NORWEGIAN - GOVT/RC		595'111	NOK	110'094	05.01.04	PROGRAMME SUPPORT
NORWEGIAN - GOVT/RC				53'250	07.01.04	PURCHASE DEMA CAMP MODULE
OPEC FUND FOR INTERN. DEVELOPMENT		750'000	USD	973'875	29.12.03	
SAUDI ARABIA - PRIVATE DONOR		1'000	USD	1'298	30.12.03	
SINGAPORE - RC				30'000	29.12.03	TO PURCHASE 100 TENTS
SLOVAK - RC		50'000	SKK	1'910	29.12.03	
SWEDISH - GOVT		1'000'000	SEK	172'000	29.12.03	
SWEDISH - GOVT		2'000'000	SEK	344'000	29.12.03	
SWISS - RC				13'167	30.12.03	PROGRAMME SUPPORT
SWISS - PRIVATE DONOR				774	29.12.03	
SUB/TOTAL RECEIVED IN CASH				10'334'306	CHF	19.9%

### KIND AND SERVICES (INCLUDING PERSONNEL)

# Iran - Earthquake

ANNEX 1

APPEAL No. 25/2003

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11.01.2004

DONOR	CATEGORY	QUANTITY	UNIT	VALUE CHF	DATE	COMMENT
AMERICAN - RC		62'000	USD	77'438	06.01.04	BILATERAL: RELIEF
CANADIAN - GOVT/CIDA-IHA/RC		150'000	CAD	149'250	29.12.03	RELIEF MATERIAL
DANISH - GOVT/RC				65'000	02.01.04	BILATERAL: LOGISTICS ERU
EGYPTIAN - RC				60'000	29.12.03	BILATERAL: 100 TENTS, 4000 BLANKETS, TRANSPORT & INSURANCE
GERMAN - GOVT/RC/ECHO		577'000	EUR	893'485	30.12.03	BILATERAL: WATER TTT & SUPPLY LINE, BASIC HEALTH CARE & PERSONNEL
HUNGARIAN - RC		6'062'500	HUF	36'981	30.12.03	BILATERAL: 25 PCS MILITARY TENTS, 4000 BLANKETS
INDIAN - RC				150'000	05.01.04	BILATERAL: 5000 BLANKETS, 5000 COOKING UTENSILS
ITALIAN - RC				4'400	30.12.03	RELIEF DELEGATE
MALAYSIAN - RC				5'000	29.12.03	BILATERAL: 1000 BLANKETS
NORWEGIAN - GOVT/RC		11'063'557	NOK	2'046'758	05.01.04	4 FLIGHTS OF MEDICAL, RELIEF ITEMS, TOOLS, GENERATORS, ETC.
PAKISTAN - RC		20'000	USD	25'970	29.12.03	BILATERAL: 1000 BLANKETS, 100 TENTS, 500 KITCHEN SETS, 500 KEROSENE STOVES
SWISS - RC				289'400	30.12.03	6000 BLANKETS, 1000 TARPULINS, 1000 KITCHEN-SETS, TRANSPORT & INSURANCE
TURKISH - RC		566'630'000'000	TRL	509'967	27.12.03	BILATERAL: 400 TENTS, 7500 BLANKETS, 3000 BODY BAGS, 3000 KITCHEN SETS, 110 HEALTH EQUIPMENTS, 14 GENERATORS
UNITED ARAB EMIRATES		37'219	USD	48'330	31.12.03	BILATERAL: 224 TENTS, 706 BLANKETS
UNITED ARAB EMIRATES		281'310	AED	101'975	28.12.03	BILATERAL: 250 TENTS, 2022 BLANKETS, 50 FIRST AID KITS
SUB/TOTAL RECEIVED IN KIND/SERVICES				4'463'954	CHF	8.6%

## ADDITIONAL TO APPEAL BUDGET

DONOR	CATEGORY	QUANTITY	UNIT	VALUE CHF	DATE	COMMENT
EGYPTIAN - RC				150'000	29.12.03	BILATERAL: 150'000 UNITS OF IV SOLUTIONS,
HUNGARIAN - RC		8'840'624	HUF	53'927	31.12.03	BILATERAL: MEDICAL SUPPLIES
MALAYSIAN - RC					29.12.03	BILATERAL: 30 BALES CLOTHINGS
SINGAPORE - RC					02.01.04	25'000 MEALS-READY-TO-EAT
UNITED ARAB EMIRATES - RC		63'325	USD	82'227	31.12.03	BILATERAL: FOOD, 20 FIRST AID KITS, 200 DISPOSABLE MEDICAL ITEMS

# Iran - Earthquake

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APPEAL No. 25/2003

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11.01.2004

DONOR	CATEGORY	QUANTITY	UNIT	VALUE CHF	DATE	COMMENT
UNITED ARAB EMIRATES - RC		84'191	AED	30'519	28.12.03	BILATERAL: 250 FOOD KITS, BED LINEN, PILLOWS, BODY BAGS, MEDICAL SUPPLIES
SUB/TOTAL RECEIVED				316'673	CHF	