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## DREF operation update Zambia: Floods

 International Federation  
of Red Cross and Red Crescent Societies

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### DREF operation MDRZM008 GLIDE n° [FL-2013-000023-ZMB](#) Operation update n° 2 30 May 2013

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The International Federation of Red Cross and Red Crescent (IFRC) Disaster Relief Emergency Fund (DREF) is a source of un-earmarked money created by the Federation in 1985 to ensure that immediate financial support is available for Red Cross and Red Crescent emergency response. The DREF is a vital part of the International Federation's disaster response system and increases the ability of National Societies to respond to disasters.

**Period covered by this update:** 8 April  
- 20 May 2013

**Summary:** CHF **84,691** was allocated from the IFRC's Disaster Relief Emergency Fund (DREF) on 25 February 2013 to support the Zambia Red Cross Society (ZRCS) in delivering assistance to some 1,800 beneficiaries over a 3-month period.

A two-month extension is now requested to extend this operation to end of July, 2013 to allow for the incorporation of lessons learned workshop.

The initial DREF budget of CHF 84,691 was revised upwards on 2 April to CHF 93,951 to include unforeseen additional costs to support this operation. These additional costs included deployment of a relief RDRT for 30 days as well as a one-

month engagement of field and logistics officers to strengthen the capacity of ZRCS to respond to the immediate needs of the affected communities in Nangoma. IFRC's Southern Africa regional disaster management coordinator was deployed to Zambia in the first week of March to assist ZRCS in the set-up of the operation prior to the deployment of the RDRT member.

During the reporting period, ZRCS distributed relief items to the targeted beneficiaries and carried out hygiene promotion activities. This was aimed at reducing the vulnerability of 359 flood-affected households in Mumbwa district and to reduce the risk of water-borne and water-related diseases. All the procured relief materials for DREF were distributed during the second distribution that took place on 15 May 2013, and a further 59 households (with a total population of 261) received the remaining beans, maize meal and soap. Fifty pairs of gumboots and raincoats were distributed to the volunteers in Nangoma and Mumbwa, as planned.

Initially, this operation was to be completed by 25 May 2013, however, an extension until end of July



As a part of the operation, ZRCS volunteers distributed the balance of non-food relief items to affected families in Nangoma district. Photo: ZRCS

2013 is required in order for the NS to plan and hold a lessons learned workshop. In line with Federation reporting standards, the final report (narrative and financial) is due 3 months after the end of the operation, that is, by 31 October 2013.

The Netherlands Red Cross and its government as well as the Directorate General of Humanitarian Aid and Civil Protection department of the European Commission (DG ECHO) contributed to the replenishment of the DREF allocation made for this operation. The major donors and partners of DREF include the Australian, American, Danish and Belgian governments, the Austrian Red Cross, the Canadian Red Cross and government, Danish Red Cross, DG ECHO, the Irish and the Italian governments, the Japanese Red Cross Society, the Luxembourg government, the Monaco Red Cross and government, the Netherlands Red Cross and government, the Norwegian Red Cross and government, the Spanish Government, the Swedish Red Cross and government, the United Kingdom Department for International Development (DFID), the Medtronic and Z Zurich Foundations, and other corporate and private donors. The IFRC, on behalf of the National Society, would like to extend thanks to all for their generous contributions. Details of DREF contributions are found on: [http://www.ifrc.org/docs/appeals/Active/MAA00010\\_2012.pdf](http://www.ifrc.org/docs/appeals/Active/MAA00010_2012.pdf)

[\*<click here for the interim financial report or here to view contact details>\*](#)

## The situation

Zambia experienced heavy rains which began in January 2013, resulting in flooding in Mumbwa district, with the most affected areas being Nagoma and Kabulwebulwe. The heavy rains caused water logging, which destroyed agricultural fields and caused destruction to infrastructure and property. The floods affected over 300 households (some 1,800 people). ZRCS, together with the National Disaster Management and Mitigation Unit (DMMU), carried out a joint assessment in Nangoma and Kabulwebulwe in the second week of February 2013. The assessment found that most of the houses had collapsed, roads and sanitation facilities in the affected areas were damaged, and crop fields were submerged in water. Drinking water was also contaminated by flood waters.

Based on these findings, ZRCS planned an intervention to assist the most affected households, including a one-off relief distribution of food and non-food items to the 300 flood-affected families. The National Society also planned to conduct hygiene promotion activities. A total of 50 volunteers were trained to carry out these activities. As of the date of this report, 359 household with a total population 1,792 benefited from this project.

### Swine flu outbreak

An outbreak of swine flu was contained by the ministry and other agencies working within Mumbwa district. Since the initial outbreak reported in April, there have been no new cases since.

## Coordination and partnerships

ZRCS enjoys good working relations with partners in-country. The National Society coordinated the field assessment in Mumbwa district with the National Disaster Management and Mitigation Unit (DMMU), the local government as well as World Vision Zambia.

ZRCS has been working closely with World Vision Zambia who has been working in the area for many years. WVZ assisted with transport and also in verifying beneficiaries. ZRCS is also working closely with national and local government offices and authorities including the Ministry of Health, Ministry of Education and the police force.

With IFRC's support, ZRCS temporarily engaged a logistics officer and a finance officer for one month to assist them with the procurement of relief items. Given the limited capacity in the National Society, these were necessary to ensure speedy implementation of the activities. A regional disaster response team member was also deployed to support the National Society in managing the operations.

## Red Cross and Red Crescent action

**Below is a summary of activities undertaken during the reporting period:**

- Beneficiary identification, registration and verification to benefit from the balance of remaining items.
- Sensitization of beneficiaries and communities about distribution, selection criteria and food basket and NFI.
- Conducted the post distribution monitoring in Nangoma and Kabulwebulwe.

- Continuation of beneficiary registration
- Door-to-door hygiene promotion activities
- Finalization of the procurement process which included delivery of relief items to Zambia Red Cross Society warehouse.
- Liaising with DMMU to secure trucks for transporting relief items to Mumbwa
- Briefing with the RDRT which was deployed to support the implementation of the DREF operation
- Assignment of roles and responsibilities to the volunteers for distribution
- Coordination meetings with the Mumbwa District Disaster Management Committee (DDMC) and World Vision Zambia on provision of support to targeted areas
- Formation of distribution committee
- Distribution of surplus food and non-food items (NFIs) to an additional 59 household (259 people).

## Progress towards outcomes

Relief distributions (food and basic non-food items)
<p><b>Outcome: Reduce the vulnerability of 300 flood-affected households in Mumbwa district through food relief for one month, and provision of basic household items.</b></p> <p><b>Progress:</b></p>
<p><b>Outputs:</b> 300 flood-affected households have been provided with appropriate food rations for one month, and basic household items that meet the Sphere standards.</p> <p><b>Activities planned:</b></p> <ul style="list-style-type: none"> <li>• Train 50 volunteers in food and relief distribution techniques</li> <li>• Develop beneficiary targeting strategy and registration system to deliver intended assistance.</li> <li>• Local procurement of 18 metric tonnes of maize meal, 1,080 kg of cooking oil and 3,240 kg of beans.</li> <li>• Distribute a one-month, one-off food ration to the 1,800 beneficiaries at a ration per person of 10kg maize meal, 0.6kg oil, 1.8kgs of beans.</li> <li>• Distribute and control movement of relief supplies from point of dispatch to end user.</li> <li>• Purchase and distribute 550 mosquito nets, combined with a demonstration for the families in how to use the nets best.</li> <li>• Purchase 900 blankets and distributed to 300 families (3 blankets per households).</li> <li>• Monitor and evaluate the relief activities and provide reporting on activities conducted.</li> <li>• Develop and implement an exit strategy.</li> </ul>

### Progress:

- 50 volunteers have been trained in food and relief distribution techniques
- Oriented the 50 volunteers in Post Distribution Monitoring PDM
- Conducted the Post Distribution Monitoring PDM in Nangoma and Mumbwa
- 300 most affected beneficiaries have been targeted and registered in order to deliver intended assistance.
- Local procurement of 18 metric tonnes of maize meal, 1,080 kg of cooking oil and 3,240 kg of beans has been completed.
- A one-month, one-off food ration to the 1,531 beneficiaries at a ration per person of 10kg maize meal, 0.75l oil, 1.8kgs of beans has been completed.
- Relief supplies from point of dispatch to end user were effectively dispatched and monitored.
- 550 mosquito nets were purchased and distributed, combined with a demonstration for the families on how to use the nets.
- 900 blankets were purchased and distributed to 300 families (3 blankets per household).
- Monitoring of relief activities is on-going to evaluate relief activities and provide reporting on activities conducted.
- An exit strategy has been developed and is being implemented. Existing government staff have been involved in hygiene promotion activities, which will continue after the end of this DREF.

Distributions were done in both Nagoma and Kabulwebulwe on 23 March 2013, as planned. Distribution at the two sites was very calm and successful. The exercise started at around 8:00am and was completed by mid-day at the two distribution sites. Up to 95% of the beneficiaries turned up to receive relief items on the distribution day, while the remaining beneficiaries turned up for their items the following day.

Relief items for 15 households who were living far from the distribution site of Kabulwebulwe were taken to their nearest point, with the assistance of World Vision Zambia who provided logistics to transport the relief items.

The balance of remaining items were distributed in Nangoma on 15 May, 2013 and 59 households (124 male, 137 females) and a total of 261 people received the maize meal, beans and soap. This brings the actual total number of households to 359 and 1,792 people that have benefited from this operation's relief provision.

#### Number of recipients

Project Area	Number of recipients		Total	The actual planned number of beneficiaries was up to 1,800 people, based on assumed household size of 6 people in all the 300 affected households.
	Men	Women		
Nangoma	454	501	955	
Kabulwebulwe	432	405	837	
<b>Total</b>	<b>886</b>	<b>906</b>	<b>1,792</b>	

#### Each relief package consisted of the following:

- Maize meal 10kg per person/month
- Cooking oil 750ml per person/month
- Beans 2kg per person/month
- Blankets 2pc per family
- Chlorine 250ml per person
- Mosquito nets 1pc per family (see note below)
- Jerry cans (20ltr) 3pcs per family
- Soap 9 tablets for family size of 5 and 6, 8 tablets for a family of 4; 6 tablets for a family of 3; 4 tablets for a family of 2; and 3 tablets for 1 person.

However, with the second distribution that was done in Nangoma beneficiaries only got beans, maize/meal and soap. A total of 59 households with the population of 261 benefited, The NS had a surplus of 258 x 10kg bags of maize meal (the NS procured three (3) more 10kg bags of maize meal to cover all the 261 people that received the food in Nangoma).

#### Distribution matrix (Food and Non Food Items)

S/N	Item	Planned		Actual		Variance	Comments
		Unit	Quantity	Unit	Quantity		
1	Maize meal	Kg	18,000	Kg	18,030	30	Procured 3x10kg=30.
2	Beans	Kg	3,250	Kg	3,250	00	distributed
3	Vegetable oil	Litres	1,080	Litres	1,080	00	distributed
4	Blankets	Pieces	600	Pieces	600	00	distributed
5	Mosquito nets	Pieces	300	Pieces	300	00	distributed
6	Soap	Tablets	2,700	Tablets	2,700	00	distributed
7	Jerry cans	Pieces	900	Pieces	900	00	distributed
8	Gum boots	Pieces	50	Pieces	50	00	distributed
9	Chlorine	Bottles	2000	Bottles	2000	00	distributed
10	Rain coats	Pieces	50	Pieces	50	00	distributed

The government through the DMMU distributed some NFI, mainly chlorine and mosquito nets to the same community. Unfortunately, no formal records were kept and IFRC tasked ZRCS to verify the recipients of these items before the remaining stocks could be distributed. The verification was done during the hygiene promotion activities.. ZRCS then made it a priority to target those who did not benefit from the chlorine that the government had provided.

#### Note:

- (a) A total of 18,000kgs of maize meal and 3,250kgs of beans were procured as planned based on the assumption that each household consisted of six people on average. As a result of there being some smaller households, there remained a balance, which was subsequently distributed on 15 May 2013. ZRCS now does not have any further stock.

- (b) All 1,080 litres of the vegetable oil were procured and distributed. However, 82 people did not initially receive this item as the original amount budgeted (650ml per person) did not correspond with the pre-packaged amount available in the local market (750ml bottles). Fortunately, there remained a small balance on this budget line, with which the NS used to procure additional cooking oil to cover the shortfall.
- (c) All 600 blankets were procured according to plan, delivered and distributed to the beneficiaries in Nangoma and Mumbwa.
- (d) All 550 mosquito nets was procured, with only 1 mosquito net given to each household because it was difficult to identify households to whom the government had already distributed mosquito nets. This also indicated the over run to the budget, and as the government was also distributing nets, 250 mosquito nets were returned for a refund.
- (e) All 2,700 tablets of soap was procured; in the planning the highest number in the entire 300 affected household to a maximum of 6 people, the plan was then to distribute 9 tablets of soap to each household. In reality, the size of households varied from 1- 6. A decision was then taken to distribute soap as follows based on actual family size: 1 person - 3 tabs, 2 people - 4 tabs, 3 people - 6 tabs, 4 people - 8 tabs, 5 people - 9 tabs and 6 people - 9 tabs hence the variance of 212 tablets of soap in stock. The 212 variance were distributed to the 261 people and the distribution plan was revised to ensure all got and benefited. All the beneficiaries got 3-6 tablets of soap and everybody received them.
- (f) Out of 900 pieces of jerry cans ordered, only 887 pieces were delivered to the field, with 431 pieces to Nangoma and 456 pieces to Mumbwa. The balance of 13 pieces were distributed, with the priority given by ZRCS to the aged among those beneficiaries were originally identified.
- (g) All 50 pairs of gum boots and raincoats ordered were delivered and distributed to all volunteers mobilized to support this operation.
- (h) All 300 cases (2,000 bottles) of chlorine ordered were delivered and distributed to those households that had not benefited from the chlorine that the government had distributed.

### Challenges:

The supplier delayed delivery of some items as they wanted to be paid before delivery and as a result, the trucks were loaded late and arrived in the field at night. Other logistical challenges included mechanical issues in the trucks used for deliveries and poor roads which resulted in a change of distribution sites at the last minute. However, the National Society quickly addressed these issues and distributions proceeded as planned.

There was good cooperation with the local authorities on the ground and World Vision Zambia; this helped in having a successful distribution.

### ***Water, sanitation, and hygiene promotion***

**Outcome:** The risk of water-borne and water-related diseases is reduced through the provision of chlorine, soap and complementary hygiene promotion to 300 families (1,800 people) affected by floods.

**Outputs:** 300 affected families have access to clean water, soap and knowledge on hygiene.

#### **Activities planned:**

- Orient 50 volunteers in water treatment, health education (including cholera prevention) and hygiene promotion, and PHAST methodology.
- Distribute to each of the 300 families with 2,000 x 250 ml liquid chlorine for water treatment
- Affected families got information on correct use of liquid chlorine for water treatment.
- Procure 900 jerry cans and distribute to the 300 families (3 jerry-cans per family)
- Procure 2,700 bars of 250g soaps and distribute to the 300 families (three bars per family per month)
- Carry out health education, including cholera prevention, and hygiene promotion for 300 families using PHAST methodology.
- Monitor and evaluate the water, sanitation and hygiene promotion activities.

### **Progress:**

- 50 volunteers have been oriented in water treatment, health education (including cholera prevention) and hygiene promotion, and PHAST methodology.
- The government distributed 2,000 x 250 ml liquid chlorine for water treatment to each of the families
- Affected families were sensitized on correct use of liquid chlorine for water treatment.
- 900 jerry cans have been procured and distributed to the 300 families (3 jerry-cans per family)
- 2,700 tablets of 250g soap was procured and distributed to the 300 families (3 tablets per family per month).
- Health education is ongoing, including cholera prevention, and hygiene promotion for 300 families using PHAST methodology.
- Monitoring is ongoing to evaluate the water, sanitation and hygiene promotion activities.

### Challenges:

The outbreak of the H1N1 flu in Mumbwa district impacted on hygiene promotion activities especially in Kabulwebulwe constituency. Volunteers were briefed and mass sensitization campaigns were reduced to minimize their exposure to the flu. In addition, utilization of protective gear distributed was enforced with the support of the RDRT member.

### Logistics

<p><b>Outcome: Appropriate and suitable relief food and items are made available in a timely and effective manner for the emergency operation</b></p>
<p><b>Outputs: Relief food and item sin adequate quantities are bought (mobilised) delivered, properly stored and distributed.</b></p>
<p><b>Activities planned:</b></p> <ul style="list-style-type: none"> <li>• Procurement of food and non-food items locally in line with national procurement guidelines.</li> <li>• Transportations of the food and non-food (quantities as above) items from Lusaka to Mumbwa</li> <li>• Monitoring and distribution reports</li> </ul>

### Progress:

- Procurement of food and non-food items locally has been completed in line with national procurement guidelines.
- Transportations of the food and non-food items from Lusaka to Mumbwa was completed in this reporting period.
- Monitoring is ongoing and distribution reports are being prepared.

## Contact information

### For further information specifically related to this operation please contact:

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## How we work

All IFRC assistance seeks to adhere to the Code of Conduct for the International Red Cross and Red Crescent Movement and Non-Governmental Organizations (NGOs) in Disaster Relief and the Humanitarian Charter and Minimum Standards in Disaster Response (Sphere) in delivering assistance to the most vulnerable.

The IFRC's vision is to inspire, encourage, facilitate and promote at all times all forms of humanitarian activities by National Societies, with a view to preventing and alleviating human suffering, and thereby contributing to the maintenance and promotion of human dignity and peace in the world.

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The IFRC's work is guided by Strategy 2020 which puts forward three strategic aims:

1. Save lives, protect livelihoods, and strengthen recovery from disaster and crises.
  2. Enable healthy and safe living.
  3. Promote social inclusion and a culture of non-violence and peace.
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MDRZM008 - Zambia - Floods

Appeal Launch Date: 26 feb 13

Appeal Timeframe: 26 feb 13 to 26 may 13

Interim Report

Selected Parameters	
Reporting Timeframe	2013/2-4
Budget Timeframe	2013/2-5
Appeal	MDRZM008
Budget	APPROVED

All figures are in Swiss Francs (CHF)

## I. Funding

	Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination	TOTAL	Deferred Income
<b>A. Budget</b>	84,691					84,691	
<b>B. Opening Balance</b>	0					0	
<b>Income</b>							
<u>Other Income</u>							
<i>DREF Allocations</i>	93,951					93,951	
<b>C4. Other Income</b>	93,951					93,951	
<b>C. Total Income = SUM(C1..C4)</b>	93,951					93,951	
<b>D. Total Funding = B +C</b>	93,951					93,951	
<b>Coverage = DIA</b>	111%					111%	

## II. Movement of Funds

	Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination	TOTAL	Deferred Income
<b>B. Opening Balance</b>	0					0	
<b>C. Income</b>	93,951					93,951	
<b>E. Expenditure</b>	-82,858					-82,858	
<b>F. Closing Balance = (B + C + E)</b>	11,093					11,093	

Selected Parameters	
Reporting Timeframe	2013/2-4
Budget Timeframe	2013/2-5
Appeal	MDRZM008
Budget	APPROVED

All figures are in Swiss Francs (CHF)

### III. Expenditure

Account Groups	Budget	Expenditure					TOTAL	Variance
		Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination		
A							B	A - B
<b>BUDGET (C)</b>		<b>84,691</b>					<b>84,691</b>	
<b>Relief items, Construction, Supplies</b>								
Clothing & Textiles	9,345	18,909				18,909	-9,564	
Food	18,905	16,483				16,483	2,423	
Water, Sanitation & Hygiene	2,876	2,256				2,256	619	
Teaching Materials	3,413						3,413	
Utensils & Tools	3,510						3,510	
<b>Total Relief items, Construction, Su</b>	<b>38,048</b>	<b>37,647</b>				<b>37,647</b>	<b>401</b>	
<b>Logistics, Transport &amp; Storage</b>								
Storage	975						975	
Distribution & Monitoring	2,340						2,340	
Transport & Vehicles Costs	4,290	35				35	4,255	
<b>Total Logistics, Transport &amp; Storage</b>	<b>7,605</b>	<b>35</b>				<b>35</b>	<b>7,570</b>	
<b>Personnel</b>								
National Staff	5,733						5,733	
National Society Staff	10,633	877				877	9,755	
<b>Total Personnel</b>	<b>16,366</b>	<b>877</b>				<b>877</b>	<b>15,488</b>	
<b>Workshops &amp; Training</b>								
Workshops & Training	7,040						7,040	
<b>Total Workshops &amp; Training</b>	<b>7,040</b>						<b>7,040</b>	
<b>General Expenditure</b>								
Travel	8,000	1,369				1,369	6,631	
Information & Public Relations	683						683	
Office Costs		22				22	-22	
Communications	780	20				20	760	
Financial Charges	1,000	666				666	334	
<b>Total General Expenditure</b>	<b>10,463</b>	<b>2,077</b>				<b>2,077</b>	<b>8,386</b>	
<b>Operational Provisions</b>								
Operational Provisions		37,165				37,165	-37,165	
<b>Total Operational Provisions</b>		<b>37,165</b>				<b>37,165</b>	<b>-37,165</b>	
<b>Indirect Costs</b>								
Programme & Services Support Recov	5,169	5,057				5,057	112	
<b>Total Indirect Costs</b>	<b>5,169</b>	<b>5,057</b>				<b>5,057</b>	<b>112</b>	
<b>TOTAL EXPENDITURE (D)</b>	<b>84,691</b>	<b>82,858</b>				<b>82,858</b>	<b>1,832</b>	
<b>VARIANCE (C - D)</b>		<b>1,832</b>				<b>1,832</b>		