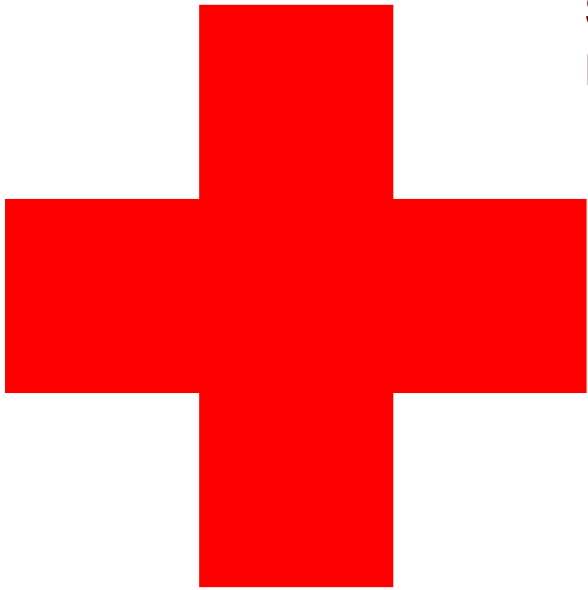


# CRC FIELD HOSPITAL

Munir Momtaz

Senior Manager Logistics

International Operations



# CANADIAN RED CROSS

# **TYPHOON HAIYAN: CANADIAN RED CROSS FIELD HOSPITAL EXPERIENCE**

Typhoon Haiyan devastated the Philippines on November 8, 2013, affecting more than 16 million people. This video was produced to commemorate the 1-year anniversary of the disaster and CRC response.

[https://www.youtube.com/watch?v=bJ\\_sSrsktol&list=PL2B0EB09A915381FD](https://www.youtube.com/watch?v=bJ_sSrsktol&list=PL2B0EB09A915381FD)



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# HEALTH EMERGENCY RESPONSE UNIT



How can the Red Cross respond to  
a major disaster?



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# What is an Emergency Response Unit?

“An Emergency Response Unit (ERU) is a standardized modular package of highly qualified and trained personnel and equipment ready to be deployed to international emergencies at short notice.”



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# MAIN FEATURES OF AN ERU



- ✓ Rapid Response Global Tool /  
Can be deployed within 24-48  
hours
- ✓ Modular capacity based on the  
needs
- ✓ Deployed with a core number of  
trained staff
- ✓ Self-sustaining for at least one  
month in disaster affected areas  
(only needs: water source, fuel  
supply and HR)
- ✓ Deployed after rapid field  
assessment
- ✓ Part of an integrated and  
coordinated global response  
system
- ✓ Can serve a population of up to  
50,000 persons

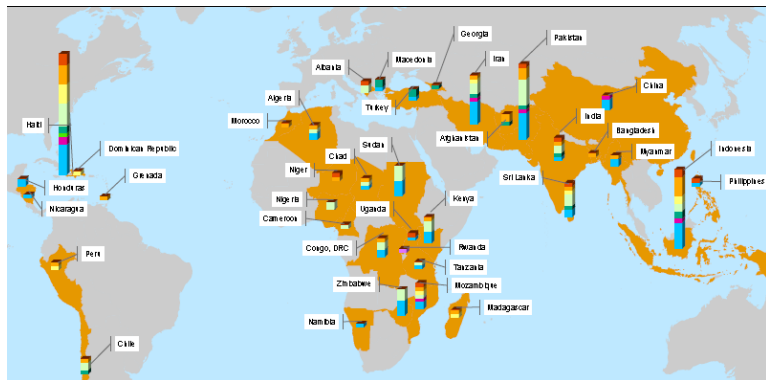


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# A GLOBAL RESPONSE TOOL

✓ ERUs are owned by Red Cross National Societies throughout the world

✓ Their response is coordinated by the International Federation of the Red Cross and Red Crescent Societies (IFRC) or International Committee of the Red Cross (ICRC)



✓ ERUs can be specialized in various fields:

- Logistics ERU
- Relief ERU
- IT & Telecommunication ERU
- Water & Sanitation ERU
- Basic Health Care ERU
- Field hospital ERU (Referral and RDEH)



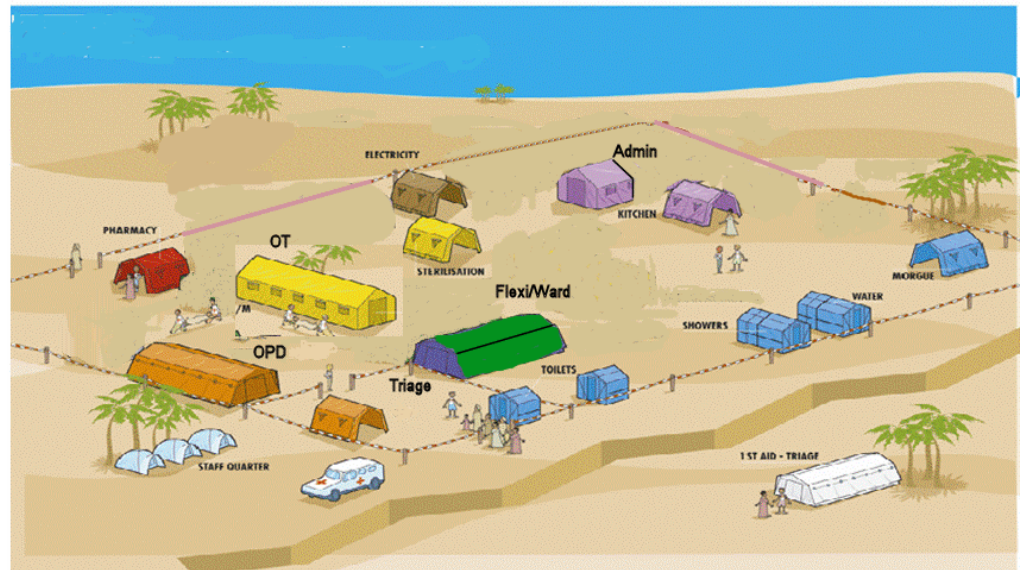
# THE CANADIAN RED CROSS HAS THE CAPACITY TO DEPLOY A FIELD HOSPITAL



# WHAT IS A FIELD HOSPITAL MADE FOR?

■ A rapid deployment hospital is highly modular. Based on the needs, the following modules can be deployed:

- Surgery
- Nursing
- Out-Patient
- Mother and Child
- Vaccination
- Rehydration
- Psychosocial
- Community Health
- Pharmaceuticals and Disposables
- Optional lab and X-ray



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# **THE FIELD HOSPITAL = ENHANCED RESPONSIVENESS TO DISASTERS:**

- **Deployable anywhere in the world within 48 hours**
- **Able to start providing health care services within 12 hours of arrival**
- **Can treat up to 300 patients a day when fully operational**
- **Can operate for up to 4 months**

# HOW TO PREPARE FOR AN ERU DEPLOYMENT?

- **Packaging, colour-coding and labelling of modules at warehouse**
- **Selection of warehouse close to Toronto airport**
- **Maintenance of packing lists**
- **Expiry date management**
- **Field testing of equipment**
- **Close collaboration with suppliers**

# ORMOC, PHILIPPINES - NOVEMBER 2013

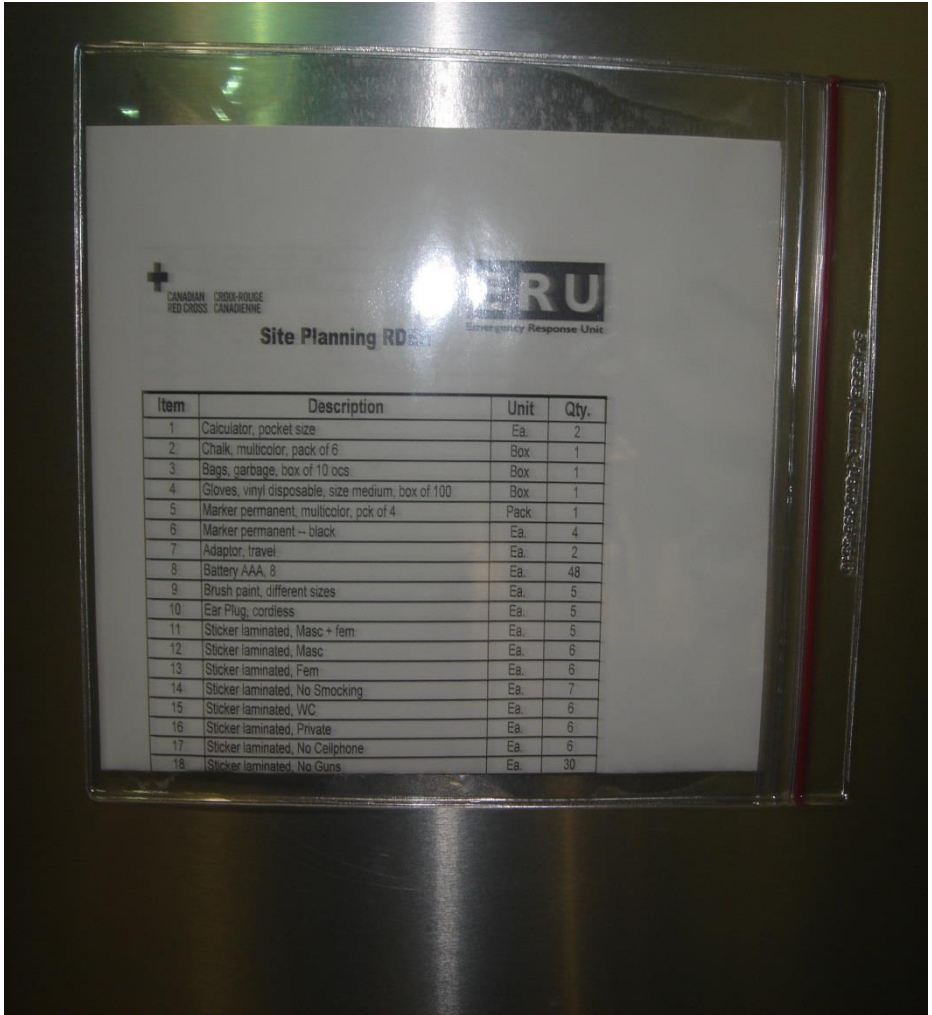
Packing Lists BHC plus Surgical Capacity Nov11\_9pm.xlsx [Read-Only] - Microsoft Excel

BHC Plus additional Surgical capacity MASTER PACKING LIST																
ITEM DESCRIPTION	FAMILY	UOM	QTY	INVENTORY	LOCATION	DEPLOYMENT TYPE	NO OF BOXES / KIT	NO OF PALLETS / Kit - Module	TYPE OF BOX	WEIGHT IN KG/UOM	WEIGHT IN KG/TOT	VOLUME M <sup>3</sup>	REMARKS	PRICE / UNIT PURCHASED	PRICE / UNIT PURCHASED 2013	TOTAL PURCHASED
Administration Office kit	Admin and Ancillary	Kit	1	2	SDV	ERU	3	1	Aluminum	200.00	200.00	0.28	Now Admin includes Safe, steel 30x40x26c	1,564.58	na	1
Cleaning kit	Admin and Ancillary	Kit	1	2	SDV	ERU	2	1	Wooden	80.00	80.00	0.09		482.50	na	1
Community Health Module	Admin and Ancillary	Kit	1	2	SDV	ERU	9	3	Aluminum /Wooden	359.00	359.00	2.18		8,141.00	na	8
Coolers dual function AC/DC	Admin and Ancillary	Unit	4	8	SDV	ERU	5	1	NA	18.50	74.00	0.24	5 units per skid	338.98	na	1
Hygiene Kit (Packed as Dangerous Goods)	Admin and Ancillary	Kit	1	1	SDV	ERU	2	1	Wooden	100.00	100.00	0.19		4,616.55	na	4
IT equipment kit	Admin and Ancillary	Kit	1	2	National office	ERU	3	1	Pelican	75.00	75.00	0.78		na	na	1
Kitchen kit	Admin and Ancillary	Kit	1	2	SDV	ERU	3	1	Wooden / Aluminum	162.00	162.00	1.70	3 boxes per kit	2,000.80	na	2
Laundry kit	Admin and Ancillary	Kit	1	2	SDV	ERU	2	1	Wooden	85.00	85.00	1.12		452.00	na	1
Pest Control kit	Admin and Ancillary	Kit	1	2	SDV	ERU	1	1	Wooden	37.00	37.00	0.72		239.72	na	1
PSP Module	Admin and Ancillary	Kit	1	2	SDV	ERU	10	1	Aluminum	254.00	254.00	3.32		2,180.00	na	2
Shelf plastic size, large	Admin and Ancillary	Pcs	3	3	SDV	ERU	NA	1	NA	20.00	60.00	0.42		na	65.18	1
Shelf plastic size, small	Admin and Ancillary	Pcs	3	3	SDV	ERU	NA	1	NA	5.00	15.00	0.142		na	28.23	1
Site planning kit	Admin and Ancillary	Kit	1	2	SDV	ERU	1	1	Aluminum	30.00	30.00	0.28		1,759.00	na	1
VHF Antenna kit	Admin and Ancillary	Kit	1	1	SDV	ERU	1	1	Aluminum	105.00	105.00	0.55	Including VHF Antenna	484.33	na	1
X-ray module	Diagnostic	Kit	1	1	SDV	RDH	6	2	Wooden	465.00	465.00	2.28		61,222.48	na	6
IEHK kit with supp and malaria module	Drug	Kit	1	1	SDV	ERU	TBC	5	Carton	1155.00	1,155.00	6.39	Ketimine from this kit is stored with MC Kesson	22,790.00	na	2
Pharmaceutical Module	Drug	Kit	1	0	Mc Kesson	RDH	TBC	3	Plastic Boxes	500.00	500.00	3.00	Stored at McKesson	na	94,853.61	9
Medical devices BHC	ICU & Wards	Kit	1	1	SDV	BHC	1	1	Aluminum	45.00	45.00	0.16		25,500.00	na	2
Nursing Module	ICU & Wards	Kit	1	2	SDV	ERU	49	6	Wooden	1,549.00	1,549.00	20.40	Module repacked in 6 pallets	65,336.00	na	6
ICU & Wards	ICU & Wards	Kit	1	2	SDV	ERU	27	3	Carton	10.00	33.00	2.70		721.27	na	1

# WAREHOUSE



# WAREHOUSE





# WHO OPERATES A FIELD HOSPITAL?

**In order to operate a Health ERU, the Canadian Red Cross maintains a roster composed of the following profiles:**

- . Nurses (Ward, Operating Theater, Emergency, Outpatient/Emergency)
- . Doctors (General Practitioners, Surgeons, Anaesthetists, Emergency, Paediatrician, Obstetrics)
- . Midwives
- . X-Ray and Laboratory Technicians
- . Psychosocial Professionals
- . Administrators/Manager (Finance, HR, Logistics)
- . Technicians (Electrical, Water and Sanitation, IT/Telecom, Shelter, General Trades)



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# **EXAMPLES OF PAST DEPLOYEMENTS IN AN INTERNATIONAL CONTEXT**

# MUZAFFARABAD, PAKISTAN - OCTOBER 2005



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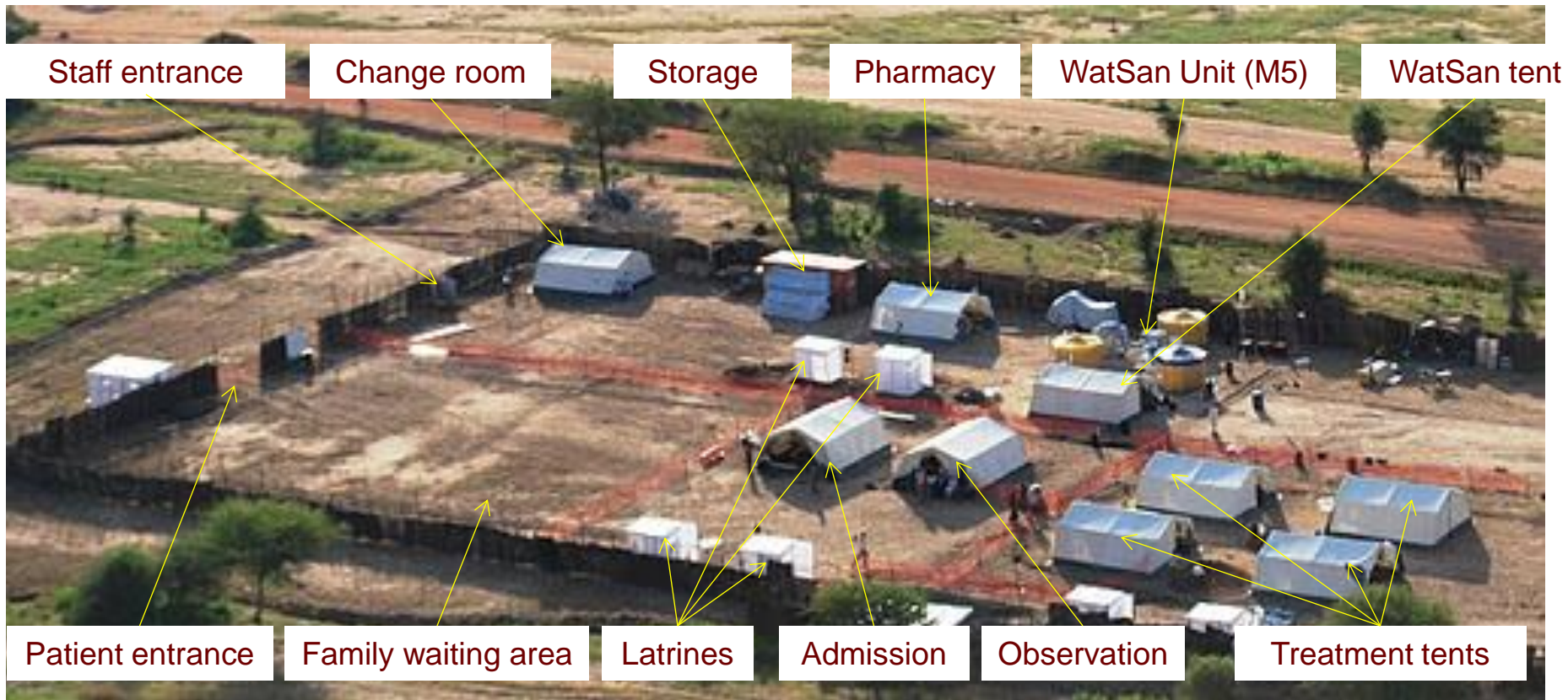
# HAÏTI – DECEMBER 2010

Canadian Red Cross CTU - Lamentin 54 - Carrefour - Haiti





# MONGO, CHAD - 2011





# ORMOC, PHILIPPINES - NOVEMBER 2013





# ORMOC, PHILIPPINES - NOVEMBER 2013



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# ORMOC, PHILIPPINES - NOVEMBER 2013





# ORMOC, PHILIPPINES - NOVEMBER 2013



**THANK YOU**

