



UNDAC Response to Typhoon Haiyan (Yolanda) in the Philippines

Sjaak Seen





Content

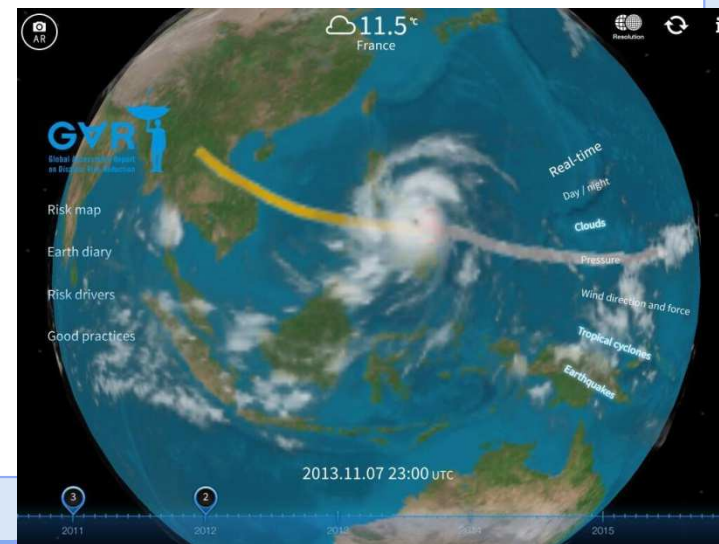
- **UNDAC pre-deployment**
- **The impact of Typhoon Haiyan**
- **The UNDAC deployment**
- **The UNDAC/OCHA activities**
- **The lessons learned**





UNDAC pre positioning

- On 6 November 2013 Super Typhoon Haiyan, local know as Yolanda approached the Philippines
- UN Humanitarian Coordinator/Resident Coordinator requested pre-deployment of UNDAC members
- 7 November 2013: 5 UNDAC members deployed to the Capital Manila

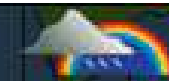


Tropical Storm Haiyan

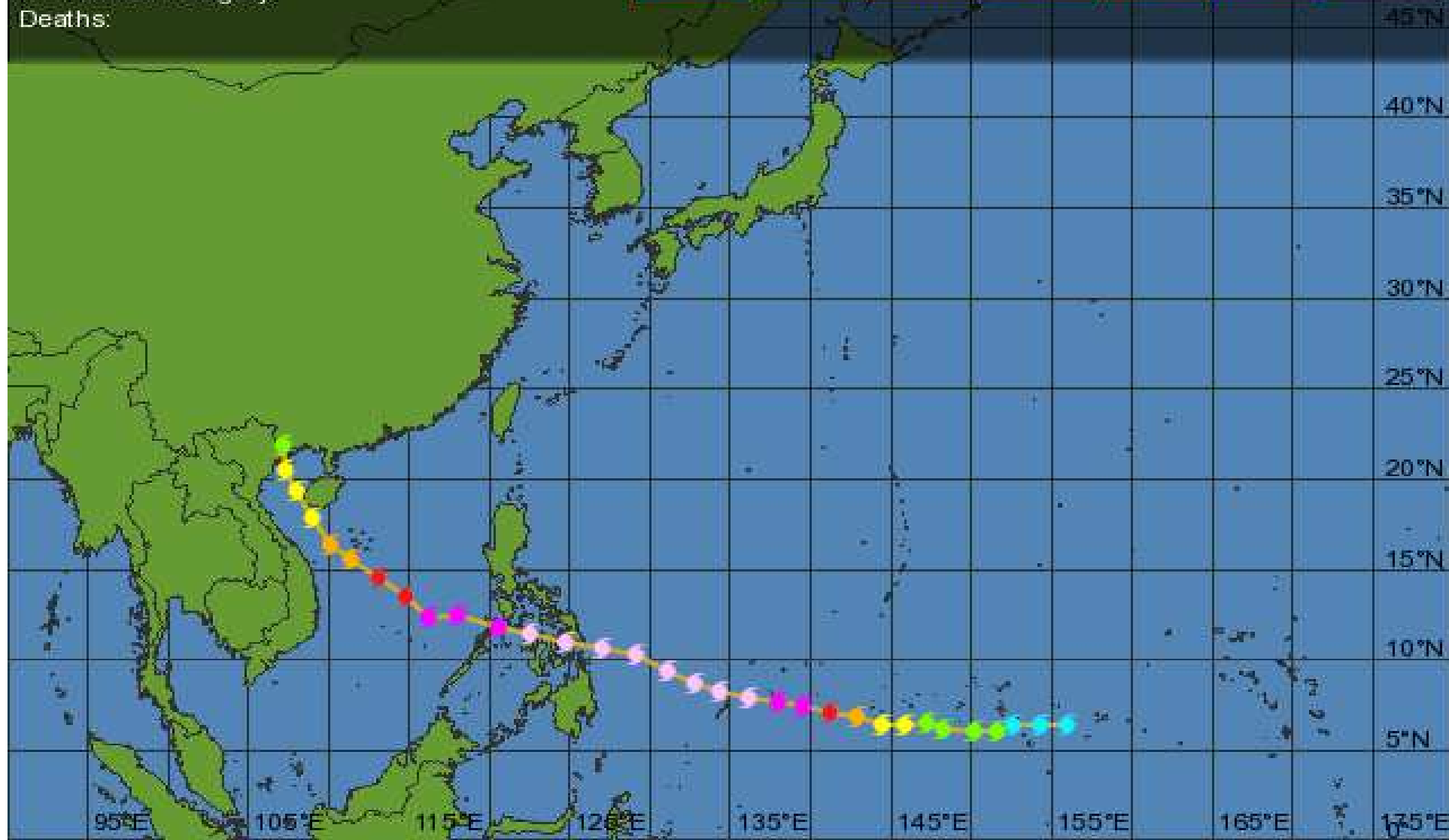
Dates: 12/03 - 12/11 2013
Maximum Wind Speed: 195 mph
Minimum Pressure: - mb
US Landfall Category:
Deaths:


Storm Category

Tropical Depression	Tropical Storm	Category 1	Category 2	Category 3	Category 4	Category 5
< 39 mph	39-73 mph	74-95 mph	96-110 mph	111-130 mph	131-155 mph	156+ mph



Weather Underground
wunderground.com





Philippines Typhoon Haiyan (Yolanda) Storm Surge (based on actual typhoon track)

Map shows the actual typhoon track, and predicted storm surge levels based on the typhoon path (as of 12 November 2013)

Predicted Storm Surge - Actual Track

Heights in metres

- 0.10 - 0.25
- 0.26 - 0.52
- 0.53 - 0.75
- 0.76 - 1.00
- 1.01 - 2.30

➔ Actual Storm Path

Administrative Areas

- ▭ Provinces
- Main population centres


0 10 20 30 40 50
kilometres
1: 2,250,000 (At A3)

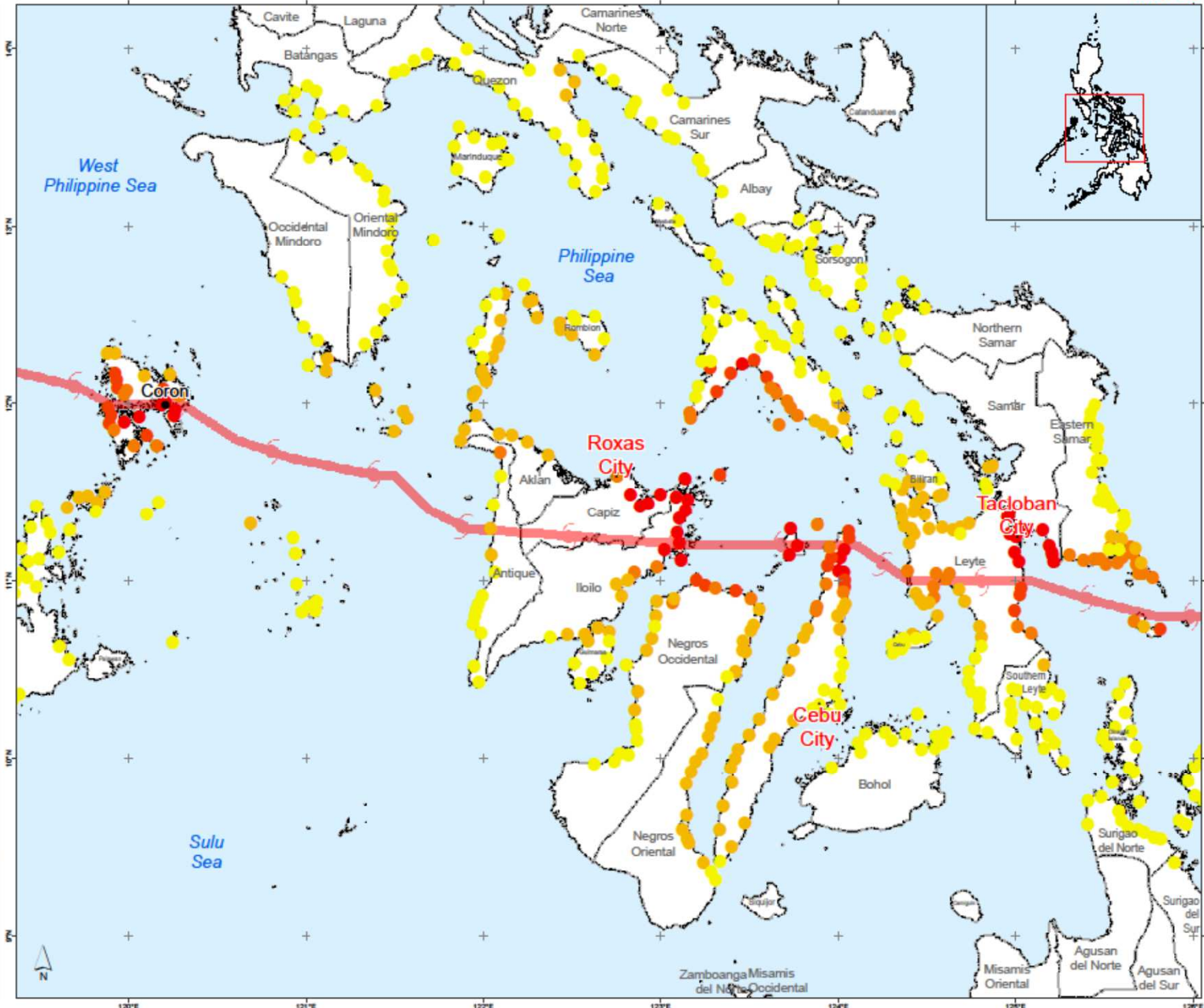
Data sources:
Situational data: Joint Research Centre, PAGASA, Joint Typhoon Warning Centre
Boundaries: GADM
Settlements: OSM

Created: 12 Nov 2013 / 21:00 UTC+08:00
Map Document: MA001_stormsurge_v02
Projection / Datum: WGS 1984
Globe Number: TC-2013-000130-PHL

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MapAction is grateful for the support of UK aid 







The impact of Typhoon Haiyan

- The affect of typhoon Haiyan and storm surge





















The impact of Typhoon Haiyan

- Environmental Emergency in Estanica



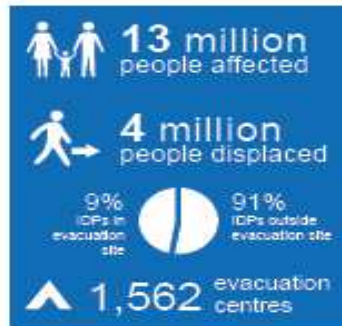


The impact of Typhoon Haiyan

Philippines: Typhoon Haiyan - Humanitarian Snapshot (as of 17 Nov 2013 - 22:00 GMT)



The humanitarian situation in the areas devastated by Typhoon Haiyan (Yolanda) is catastrophic. Almost 13 million people are affected, including some five million children. 4 million men, women and children have been displaced, many desperate for food, safe drinking water, basic shelter and sanitation.



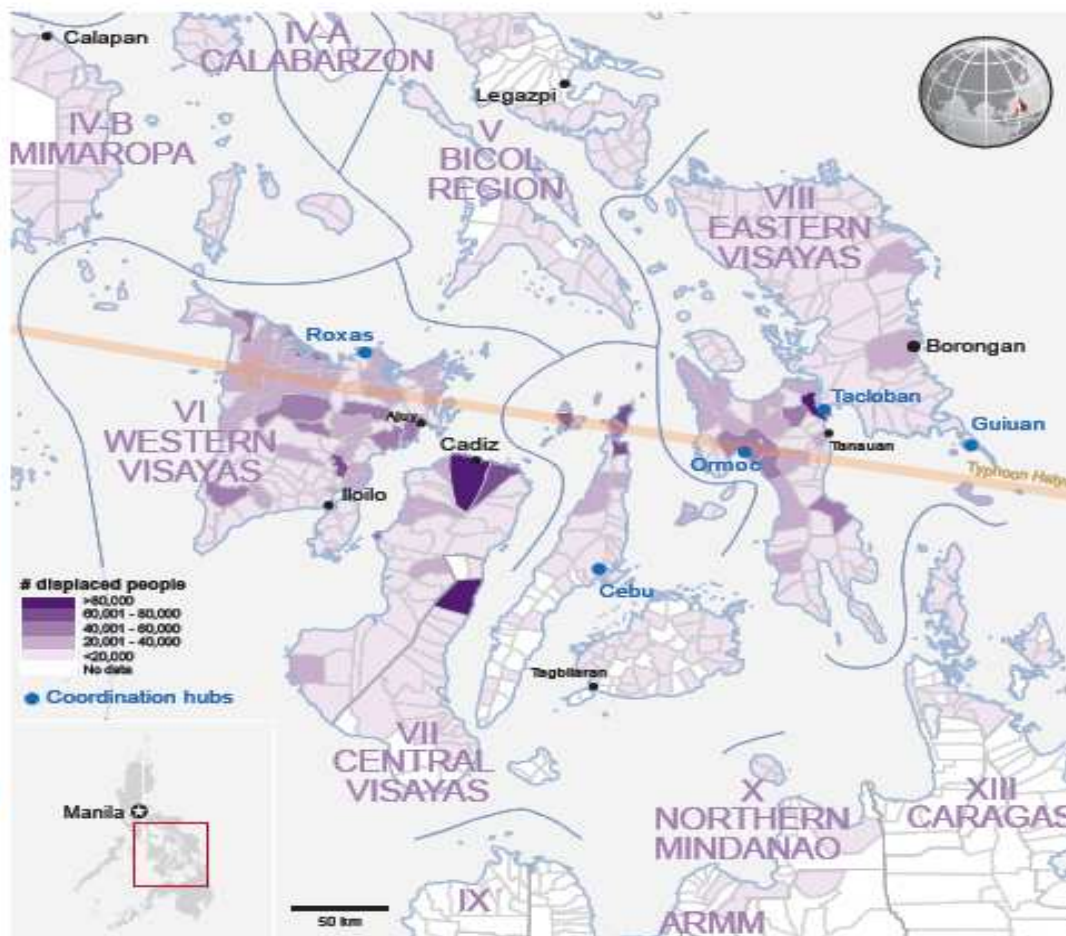
Source: DSWD DROMIC, 17 Nov-11:00 (UTC+08:00)

US\$301M requested by the Haiyan Action Plan

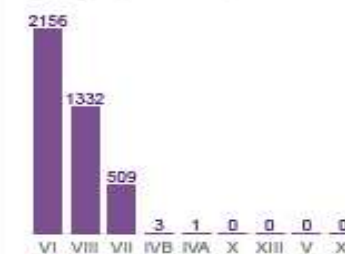
26.1% funded

1,05 million houses damaged

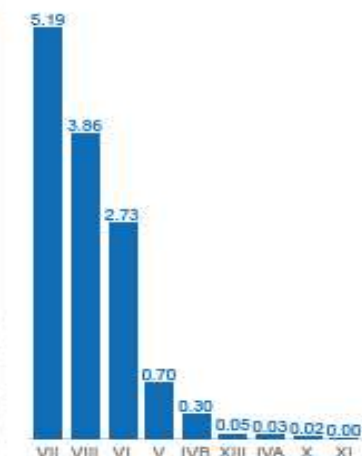
53% partially damaged | 47% totally damaged



NUMBER OF PEOPLE DISPLACED by region (in thousand)



NUMBER OF PEOPLE AFFECTED by region (in million)



The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the United Nations.

Creation date: 17 Nov 2013 | Guide Number: TC-2013-000139-PHL | Map Sources: UNCS, Natural Earth, Gov't Philippines, UNISYS.

Data Sources: DSWD, OCHA. Feedback: marinosj@un.org | www.unocha.org | www.reliefweb.int | https://philippines.humanitarianresponse.info



The impact of Typhoon Haiyan

- **14.9 million people affected**
 - 44 Provinces
- **Widespread devastation and loss of life**
 - 6,100 people dead
 - 26,000 injured
 - 1,761 people missing
- **4 million people displaced**
- **1+ million houses damaged**
 - Structural Devastation. Virtually every building destroyed by the strong winds and water surges
- **400,000 living in 1,559 evacuation centres**
- **Infrastructure severely damaged**





The impact of Typhoon Haiyan

- **Electricity, water, telecom/IT destroyed/not functioning**
- **All hospitals in vicinity Tacloban destroyed or closed due to a lack of medical supplies and staff**
- **In the beginning: widespread looting**
 - people breaking into stores and homes searching for food, water and supplies for their families
- **Agriculture land and fishing Areas destroyed**
- **Province Leyte and Samar most affected with**
 - **Guiuan – 47.000 inhabitants**
 - With 60 Barangays
 - **Tacloban – 245.000 inhabitants**
 - With 138 Barnagays
 - **Ormoc – 191.000 inhabitants**
 - With 110 Barangays





The UNDAC deployment

- 5 UNDAC members immediately deployed to cities appeared hardest hit: Tacloban, Roxas and Coron
- 11 more UNDAC members and 6 EUCPT members deployed to support the first humanitarian response
- Crucial technical support staff also deployed from:
 - MapAction, Télécoms sans Frontières (TSF), DHL, the Asia-Pacific Humanitarian Partnership (APHP) and the International Humanitarian Partnership (IHP)
- Total 114 OCHA colleagues deployed, 32 of them as UNDAC members





The UNDAC response/activities

- Setting up a Reception and Departure Center (RDC) at Tacloban Airport with UNDAC, EUCPT and Italian Civil Protection



The UNDAC activities

- The activities at the RDC:
 - Monitor incoming military and commercial flights
 - Register/Inform arriving (Int) Humanitarian Teams





The UNDAC/OCHA activities

– Establish (sub) On Site Operational Coordination Centers (OSOCC) in:

- Tacloban
- Ormoc
- Guiuan
- Roxas
- Coron
- And logistic hub in Cebu





Philippines Typhoon Haiyan (Yolanda) 3w Overview (27-Nov-2013)

Map shows number of Cluster agencies per Province. Information has been taken from OCHA and <http://philippines.humanitarianresponse.info>

- OSOCC
- Sub OSOCC
- Logistics
- Provinces
- Affected Provinces



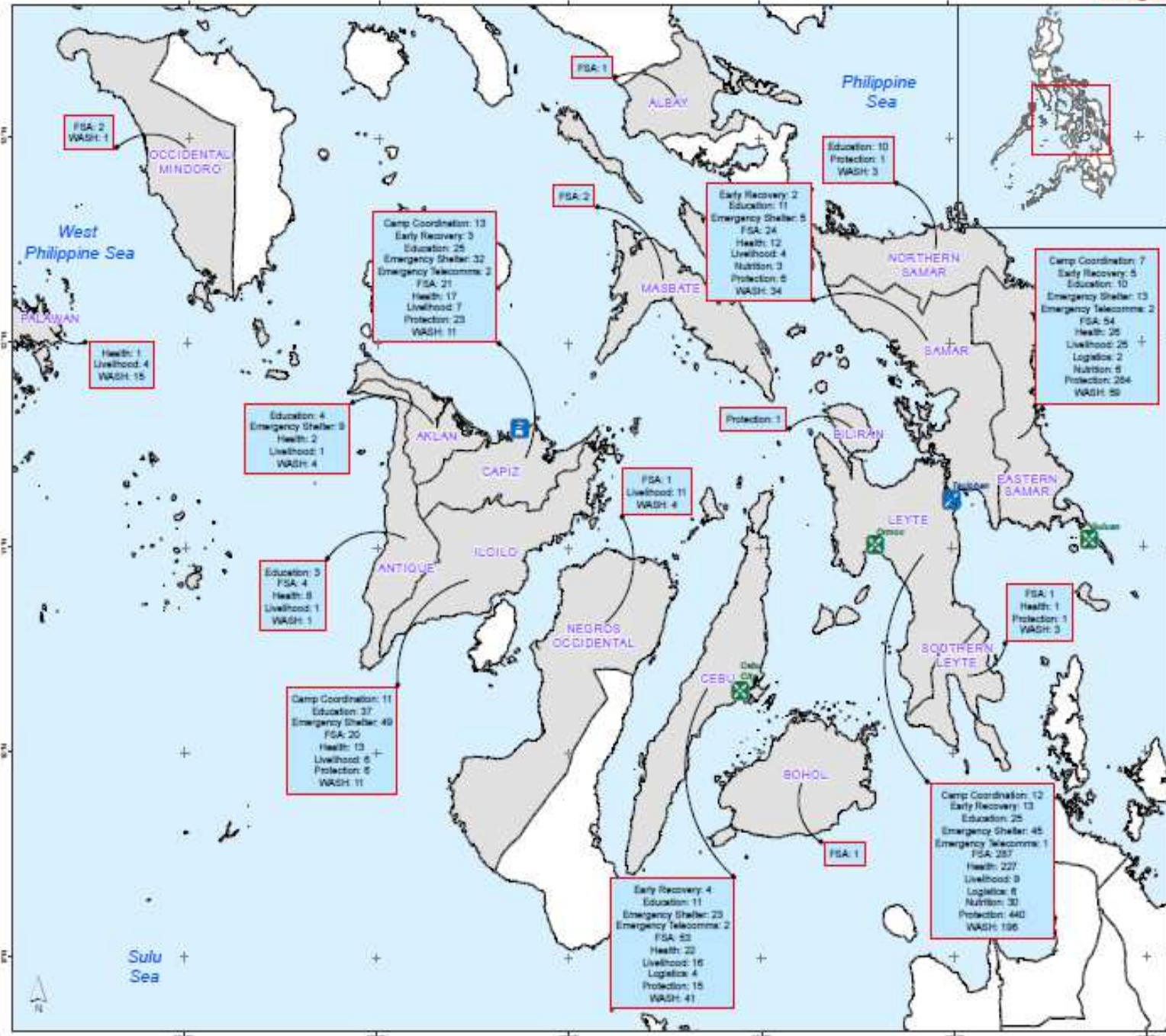
Data sources:
Situational data: UNOCHA
Boundaries: GADM

Created: 28 Nov 2013 / 20:00 UTC+08:00
Map Document: MA029_3wOverview_v03
Projection / Datum: WGS 1984 UTM Zone 51N
Globe Number: TC.2013.00138-P16

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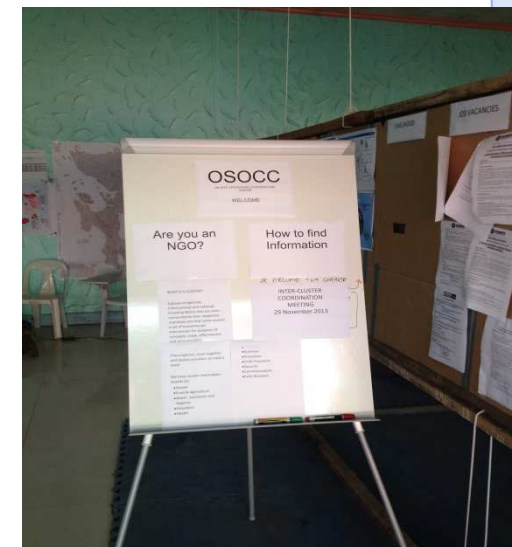
MapAction is grateful for the support of UK aid





The UNDAC response/activities

- The activities at the OSOCC:
 - Coordination
 - Inter Cluster Coordination
 - Cluster activities by cluster leads
 - Information Management
 - Analyzing – reporting
 - Mapping
 - EUCPT
 - In-depth Needs Assessment (MIRA II)
 - Media watching/ interviews/press briefings
 - Liaison with the government (OCD/Task Force Yolanda)
 - Safety and Security
 - Civil Military Coordination
 - Communication with the Community
 - IT and Camp Management Support
 - Reception desk at the OSOCC





The UNDAC/UN/OCHA activities





The UNDAC/OCHA activities

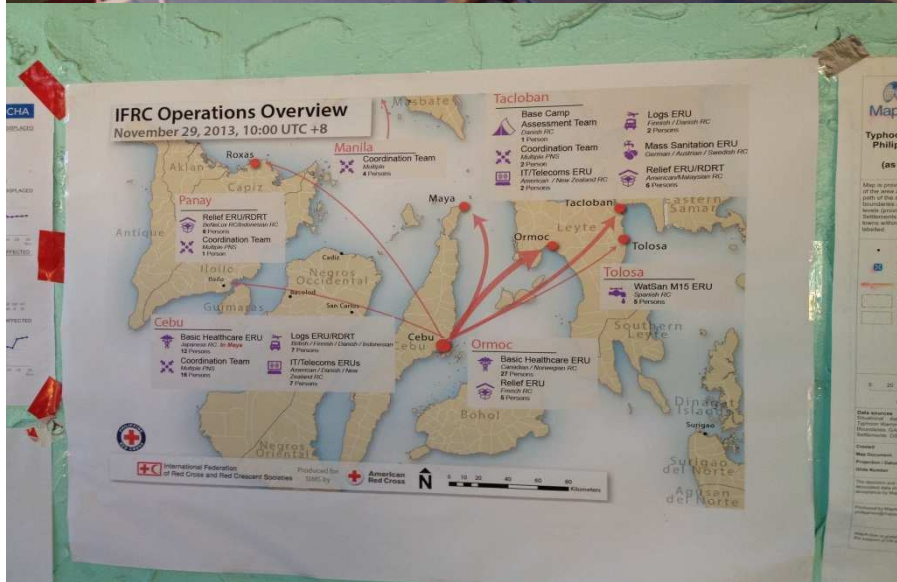
- **Cluster Coordination**
 - Food Security, Agriculture and Livelihood
 - Nutrition
 - Shelter
 - WASH
 - Health
 - Coordination Camp Management
 - Protection
 - Child Protection
 - Communication with the Community
 - Safety and Security
 - Education
- **Emergency Telecom**
- **Logistic**
 - Fuel
- **Early Recovery**





The UNDAC/OCHA activities

- Inter-Cluster Coordination



The UNDAC/UN/OCHA activities

- Response activities:
 - providing food and water
 - Evacuating displaced people





The UNDAC/OCHA activities

- Search and Rescue activities and retrieval of dead bodies



The UNDAC/UN/OCHA activities

- Medical emergency response for the affected people





The UNDAC/UN/OCHA activities

- Medical support from National and International Teams
- Vaccination programme affected population





The UNDAC/UN/OCHA activities

- Shelter for affected population and WASH





The UNDAC/OCHA activities

- Assessments with UNDAC/EUCPT and Local Emergency Staff of the Office of Civil Defense (OCD)





The UNDAC/OCHA activities

- Management of dead bodies





The UNDAC/OCHA activities

• Civil Military Coordination

PHILIPPINES: Foreign Civil-Military Snapshot (as of 23 November 2013)



USA

AIRCRAFT CARRIER, USS GEORGE WASHINGTON

- 2x Cruisers (*Anielam, Cowpens*)
- 2x Destroyers (*Mustin, Lassen*)
- 1x Supply Ship (*Charles Drew*)
- 2x LSD - Dock Landing Ship (*Germentown and Ashland*)
- 1x Submarine Tender (*Emory Land*)
- 1x Pathfinder (*USN Bowditch*)
- 1x LPD (*Denver*)
- 1x Dry Cargo Ship (*Richard Byrd*)
- 1x Replenishment Oiler (*Yukon*)

- 16x C130s
- 14x V22 Osprey
- 3x P3
- 2x C-2
- 1x C-12

- 6x UH-60 (*Blackhawk*)
- 6x TWPS (*Tactical Water Purification Systems*)



UNITED KINGDOM

LT. AIRCRAFT CARRIER (ILLUSTRIOUS) as of 26/11/13

- 1x Frigate (*HMS Daring*) Departs 26/11/13
- 1x C130J

- 3x Lynx (*HMS Daring*)
- 3x Sea King Mk 7 (*HMS Illustrious*)
- 1x Merlin



CANADA

- DART: 350+/- . DART camp located at soccer field
- 4 mobile medical teams. Construction (repair key infrastructure)
- Water purification and engineering (road clearance).

- 2x CC-177 (*C-17*)
- 1x Challenger Jet
- 3x Bell 418



JAPAN

- 1x LST (*Osumi*)
- 1x DDH (*Ise*)
- 1x Replenishment (*Towada*)
- Medical Teams

- 2x C130
- 3x CH-47
- 3x UH1
- 2x SH-60



SOUTH KOREA

- 46 Air and Logistic Personnel
- 2 x C130



AUSTRALIA

- 1x L-50 (*HMAS Tobruk*) Due 26/11/13

- 2 x C130
- 2x C17



NEW ZEALAND

- 1 x C130
- Water containers, generators, tarpaulins and chainsaws.
- Delivery of Relief Supplies



ISRAEL

- Field Hospital
- 148 pax; advanced multi-department medical facility, with approx 100MT of humanitarian and medical supplies.
- Search and Rescue.



BELGIUM

- Field Hospital
- 1x A330



THAILAND

- 1x LPD (*HMCS Ang Thong*)
- 1x LST
- 2x C-130
- 2x SH60



ITALY

- 1x C130
- 1x C-27
- 30 Person Medical Team



SWEDEN

- 1 x C130



MALAYSIA

- 5x C-130



SINGAPORE

- 2x C-130
- Relief Flights, USAR, Medical teams, Food and medical supplies.



BRUNEI

- 1x Offshore Patrol Vessel (*KOB Darussalam*)
- 1x CN235



INDIA

- 1x C-130



QATAR

- 2x C-17



RUSSIA

- 1x AN-225
- 3x IL-76



CHINA

- 1x Hospital Ship (*Peace Ark*)



INDONESIA

- 1 x C130
- Delivery of Relief Supplies





The UNDAC/OCHA activities

- Military support for Humanitarian Aid





The UNDAC/OCHA activities

- Liaison with LEMA (OCD/Mayors ect..)





The UNDAC/UN/OCHA activities

- Food security – Agriculture and Fishing





The UNDAC/OCHA activities

- Identifying Humanitarian needs





The UNDAC/OCHA/UN activities

- Cleaning up a school





The lessons learned

We have to understand that effective coordination when responding to crisis and disasters to provide humanitarian aid means that:

- “We cannot control the winds, we can only adjust the sails”
- That’s why: “National and International Responders” must know the sea in which they navigates”





Questions ?

