

Summary for Results of USAR WG

August 26, 2010
Manado, Indonesia

Overview of Presentation

1. Selection of the Exercise Site
2. Components of the Exercise
 - (1) Set-up of Reception Departure Center (RDC) & Sub-OSOCC
 - (2) Field Assessment Exercise
 - way point 001 (Blue Banter) - 016
 - (3) Search and Rescue in 6 places of Blue Banter
 - explanation for 6 scenario
 - (4) Demonstration for VIP Visit
 - (5) Debriefing and Review meetings
3. Schedule of the Exercise
4. Participating Countries
5. Logistical Requirements
6. Planning and Preparation Schedule toward DiREx
7. Others

1. Selection of Exercise Site



Blue Banter

- An Abandoned Shopping Mall
- Permission is Acquired



2. Components of Exercise

- (1) Set-up of Reception Departure Center (RDC) & Sub-OSOCC for USAR
- (2) Field Assessment Exercise
- (3) Search and Rescue in 6 places at Blue Banter
- (4) Demonstration for VIPs
- (5) Debriefing and Review meetings

Schedule of USAR exercise components

1st day

- RDC and Sub-OSOCC set up and registration
- Field Assessment

2nd day

- Search and Rescue exercise

3rd day

- Search and Rescue exercise
- Demonstration for VIPs

*Briefing/Debriefing will be held everyday



RDC @airport site

(1)RDC & Sub-OSOCC

- Manned by UNDAC & APHP personnel from participating countries
- Marshalling of rescuers & equipment
- Deployment of resources



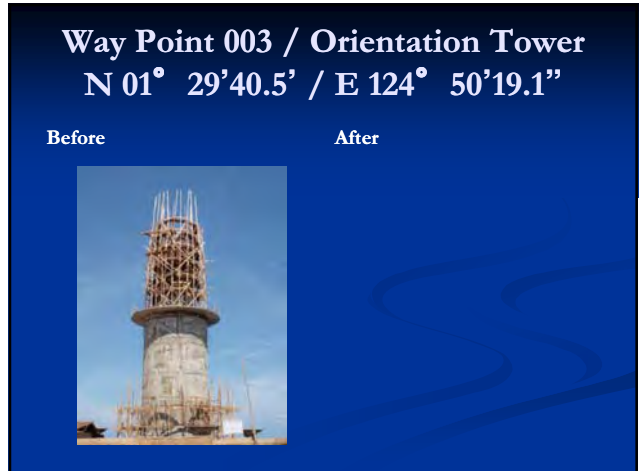
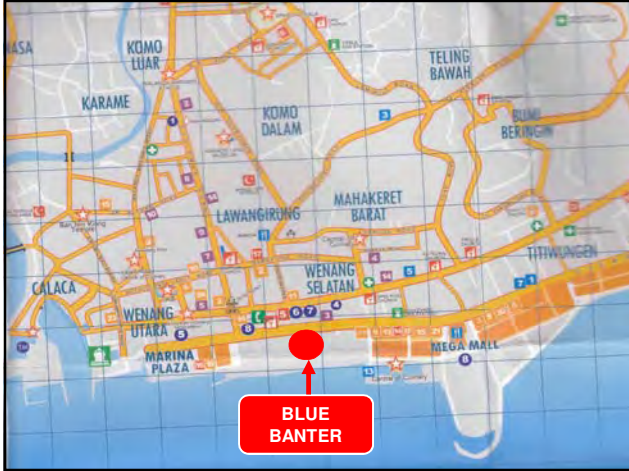
Personnel & equipment marshalling area @airport site



Sub-OSOCC @Blue Banter

(2)Field Assessment Exercise Downtown Manado City

GPS Operations
Datum: WGS 84
Format: hddd ° mm' ss. s"
Units: Metric



Way Point 004 / Mega Bank
N 01° 29'45.6" / E 124° 50'31.2"

Before



After



Way Point 005 / House of Robert
N 01° 29'41.8" / E 124° 50'31.2"

Before



After



Way Point 006 / Open Area
N 01° 29'33.6" / E 124° 50'27.9"

Before



After



Way Point 007 / Cimb Niaga Bank
N 01° 29'31.8" / E 124° 50'38.8"

Before



After



Way Point 008 / Medical Centre
N 01° 29'25.8" / E 124° 50'46.4"

Before



After



Way Point 009 / Suzuki Motor House

N 01° 29'19.2" / E 124° 50'51.9"

Before



After



Way Point 010 / Michigan College
N 01° 29'21.5" / E 124° 50'42.5"

Before



After



Way Point 011 / Grand Central Hotel
N 01° 29'22.3" / E 124° 50'39.8"

Before



After



Way Point 012 / Hotel Travello
N 01 ° 29'22.9" / E 124 ° 50'35.2"

Before



After



Way Point 013 / Hotel Aston
N 01 ° 29'24.3 / E 124 ° 50'30.5"

Before



After



Way Point 014 / Wijaya Building
N 01 ° 29'17.5" / E 124 ° 50'24.2

Before



After



Way Point 015 / SD Negeri 11
N 01 ° 29'14.9" / E 124 ° 50'22.7

Before



After



Way Point 016 / Bank Sulut N 01 ° 29'12.0" / E 124 ° 50'16.0"

Before



After



(3) Search & Rescue Scenario

- Scenario A – Search & Detection
- Scenario B – Canine Search
- Scenario C, D, E – Shoring, Breaking, Height Rescue
- Scenario F, G, H – Confined Space, Cutting, Breaking
- Scenario I – Heavy Lifting (Container)
- Scenario J – Heavy Lifting (Rubbles)

Scenario A – Search & Detection



- DELSAR, Fiber Optic Scope
- Search and detection
- Use of live casualty or "Tapping" machine

Scenario B – Canine Search



- Canine search
- 2 separate buildings
- Concealed live casualties at various locations



Scenario C – Shoring, Breaking, Height Rescue



- Unstable staircase and column
- Stair, vertical & Raker shore
- Concrete slab over void
- Cutting/breaking a hole
- Rescue a casualty up through hole
- Lower casualty to safety

Scenario D – Shoring, Breaking, Height Rescue



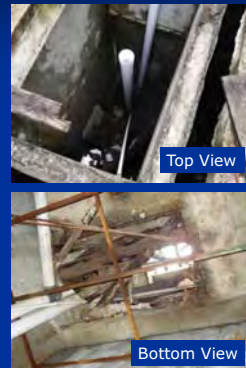
- Window & Raker shore
- Concrete slab over void
- Cutting/breaking a hole
- Rescue a casualty up through hole
- Lower casualty to safety

Scenario E – Shoring, Breaking, Height Rescue



- Shoring
- Concrete slab over void
- Cutting/breaking a hole
- Rescue a casualty from below
- Lower casualty to safety

Scenario F, G, H – Confined Space, Cutting, Breaking



- Top-down breaching at confined space
- Cutting and breaking through obstacles, e.g. metal/plastics sheets, furniture, oil drum
- Evacuation of casualty from top
- Lower of casualty

Scenario I- Heavy Lifting (Container)



- Casualty trapped underneath containers
- Heavy lifting using airbag/hydraulic jack
- Support using struts



Scenario J - Heavy Lifting (Rubbles)



- Casualty trapped underneath rubbles
- Heavy lifting using airbag and/or crane
- Cutting of steel bars
- Support using struts



Team/Scenario	Australia	EU	Indonesia	Japan	Singapore	Korea
A - Search & Detection	AM	AM	AM	AM	AM	AM
B - Canine Search			TBC			TBC
C - Shoring, Breaking, Height rescue	AM			PM		
D - Shoring, Breaking, Height rescue		AM			PM	
E - Shoring, Breaking, Height rescue			AM			PM
F - Confined Space, Cutting, breaking	PM			AM		
G - Confined Space, Cutting, breaking		PM			AM	
H - Confined Space, Cutting, breaking			PM			AM
Scenario I - Heavy Lifting (Container)	PM	PM	PM			
Scenario J - Heavy Lifting (Rubbles)				AM	AM	AM

(4)VIP Demonstration

- Canine search
- Shoring
- Cutting/breaking
- Height rescue
- Helicopter evacuation

(5) Debriefing and Review meetings

- 15th March
Briefing for USAR Field exercise
- 16th
Debriefing for RDC exercise
Briefing for Field Assessment exercise
- 17th
Debriefing for Search and Rescue exercise
- 18th
Wrap up meeting for USAR Field exercise

3. Schedule of the Exercise

	10-Mar	11-Mar	12-Mar	13-Mar	14-Mar	15-Mar	16-Mar	17-Mar	18-Mar	19-Mar
AM	Arrival of Main Members of EXCON	Final Check of the Site	EXCON Meeting		Arrival of all USAR Teams	Opening Ceremony	Exercise Start Registration & Briefing in RDC	Search & Rescue Exercise	Continue SAR Demo. for VIP	Closing Ceremony
PM	Arrival of Main Members of EXCON	Final Check of the Site	EXCON Meeting		Arrival of all USAR Teams	VIS Brief including USAR Brief	RECOE exercise	Search & Rescue Exercise	Review Meeting	Departure

Time Table of the Exercise

First Day (March 14th) Arrival of USAR Teams
Second Day (March 15th) AM: Opening Ceremony PM: Briefing for Field Exercise to all USAR Teams 16:00 Briefing for USAR Exercise (UNDAC Team set up RDC at airport) *Each Participating Country Dispatch one or two UNDAC Members
Third Day (March 16th) 8:00 All USAR Team visit airport Team Registration at RDC 10:00 Come back from airport to the hotel Debriefing for RDC exercise and Briefing for Recce Exercise 11:30 Lunch 12:00 Leave the hotel to start Recce at the field 16:00 Come back to the hotel Report of the results of Recce to Sub-OSOCC 17:00 Complete the first day exercise (UNDAC Team set up Sub-OSOCC at Blue Barter)
Fourth Day (March 17th) 7:30 Leave the hotel to Blue Barter 8:30 Arrive at Blue Barter 9:00 Sub-OSOCC Meeting Start 9:30 Search and Rescue Activities Start 16:00 Complete search and rescue exercise 17:00 Debriefing of the exercise will be ended
Fifth Day (March 18th) 7:30 Leave the hotel to Blue Barter 8:30 Arrive at Blue Barter 9:00-11:00 Practical of SR 11:00 Demonstration for VIP 12:00 Complete field exercise and clean up and dismiss of the equipment 16:00 Wrap up meeting 17:00 Complete the entire USAR exercise programme

4. Participating Countries

Country	Name of Team	Expected No. of Members	Others
Australia	Australia Task Force One (AUD/1)	15 (1EXCON, 2UNDAC, 2APHP, 10Rescuer)	
EU	Not Confirmed	10-20	
Indonesia	Badan SAR Nasional (BASARNAS)	20	Providing Log. Support
Japan	Japan Disaster Relief Team (JDR)	15 (2EXCON, 1Laison, 2UNDAC, 10 Rescuer)	
Singapore	Singapore Civil Defence Force (SCDF)	14 (2UNDAC, 2APHP, 10Rescuer)	Bringing USAR equipments
*Korea	-	-	-

*Tentative List as of IPC

5. Logistical Requirements

For General

- Accommodation for 50-60 rescuers
- Interpreters
- Storage and Security for equipment
- Custom and Immigration procedure
- Quarantine for Canine
- CIQ
- Possible 2nd USAR site in case of more USAR teams participating

Logistical Requirements

For Field Exercise

- Meeting place arrangement
(for RDC at airport, for Sub-OSOCC at Blue Banter and hotel)
- Dummies – 15 (12 actual, 3 extra)
- Concrete slab (3mx2.5mx0.15m) – 8
- Timber (10cmx10cmx6m) – 80
- Timber (10cmx2.5cmx6m) – 40
- Nail (assorted sizes)
- Hammer – 20
- Measuring tape – 8

Logistical Requirements

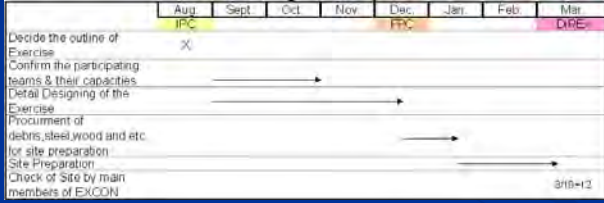
For Field Exercise

- Bus (1 per team) – 6
- Lorry / Truck (1 per team) – 6
- Comms (1 radio set/team & 1/team controller) – 12
- Live casualty – 10
- Fuel (for generator)
- Table – 3 for RDC, 3 for Field exercise
- Chair – 6 for RDC, 3 for Field exercise
- Flipchart – 3
- Whiteboard – 2
- Power supply
- Food and water
- Toilet facility
- First-aid coverage, Ambulance (for real emergencies)

Rescue Equipment (prepared by each team)

- Personal protective equipment (helmet, gloves, torchlight, etc)
- GPS sets
- Comms set
- Detection equipment (DELSAR, Optic Fiber, etc)
- Concrete cutting/breaking tool, drill
- Chainsaw (for wood, steel bar)
- Generator (for equipment)
- Tripod and accessories
- Stretcher (horizontal & vertical evacuation)
- Height rescue equipment (harness, rope, pulley system, karabiners, anchoring bolts, etc)
- Portable cutting tool (for confined space)
- Handheld lighting
- Heavy lifting equipment (airbag, hydraulic jack, etc)

6.Planning and Preparation Schedule toward DiREx



Member of USAR WG

- Warwick Kidd (Australia)
- Ionut-Lucian Homeag (EU)
- Cpt. David Pulinggomang (Indonesia)
- Fazzli (Indonesia)
- Shuichi Ikeda (Japan)
- Tsukasa Katsube (Japan)
- Noel Servgon (Philippines)
- Ltc. Francis Ng (Singapore)
- Maj. Lok Wee Keong (Singapore)