INSARAG After-Action Review of the USAR Response to the Türkiye and Syria Earthquakes

17 – 18 October 2023
Doha, Qatar
Please rise for a moment of silence as a mark of respect for the victims of earthquakes and disasters
Opening statements
Opening Statements

Colonel Staff Mubarak Sherida Al Kaabi
INSARAG AEME Regional Chair 2023 and Commander, Qatar International Search and Rescue Group

Lisa Doughten
Director, Humanitarian Financing and Resource Mobilization Division, OCHA

Khalifa Al Kuwari
President of Qatar Development Corporation
INSARAG After-Action Review of the USAR Response to the Türkiye and Syria Earthquakes

17 – 18 October 2023
Doha, Qatar
Opening Statements

Recep Salci

Türkiye INSARAG Operational Focal Point, Disaster and Emergency Management Presidency (AFAD)

Sebastian Rhodes Stampa

INSARAG Secretary and Chief, Emergency Response Section, OCHA
Timeline and key milestones of the USAR response
06.02.2023
PAZARCIK,ELBISTAN
(KAHRAMANMARAS)- DEFNE (HATAY)
EARTHQUAKES

After the earthquake, earthquake number 202334600032 was recorded via AYDES (Disaster Management and Decision Support System) and the level of the disaster was determined as 3 (National).

On 06.02.2023 – 05:26, AYDES Information System updated and the disaster level rised up to 4 (International).
KAHRAMANMARAS PAZARCIK (Mw:7.7) and ELBISTAN (Mw:7.6) EARTHQUAKES

Same day
7,7 - 7,6 and 6,5 magnitude
3 Big Earthquakes

06.02.2023 – 19.03.2023
Between the days
7 Big Earthquakes
18.738 Aftershock

- 06.02.2023 04:17 Kahramanmaraş Pazarcık 7,7
- 06.02.2023 13:24 Kahramanmaraş Elbistan 7,6
- 06.02.2023 04:36 Gaziantep Islahiye 6,5
- 20.02.2023 20:03 Hatay Defne 6,4
- 20.02.2023 20:07 Hatay Samandağ 5,8
- 27.02.2023 12:04 Malatya Yeşilyurt 5,6

Aftershocks:
- 3-4 Mw 2,369
- 4-5Mw 510
- 5-6 Mw 44
EFFECT OF THE EARTHQUAKE ON NEARBY COUNTRIES

- 6 thousand people lost their lives in Syria,
- hundreds of houses were destroyed,
- Houses were damaged in Lebanon,
- In Egypt, people went out in panic.
- Houses shook in Iran and Iraq.

EARTHQUAKE IMPACT AREAS
1.200.000 KM²
LOSS OF LIVES / INJURED

50,096
Loss of life

107,204
Injured
INTERNATIONAL ASSISTANCE & DECISION MAKING PROCESS
National Disaster and Emergency Management Center

Provincial Disaster and Emergency Management Centers

Mukhtars
INTERNATIONAL ASSISTANCE

- Disaster Level raised to the 4th (international) level
- AFAD immediately contacted INSARAG and ERCC
- International Assistance Requested (Medium and Heavy Urban Search and Rescue Team)
- Later on EMTs
RAPID RESPONSE

- Existing high level of trust between AFAD and international organisations & teams
- Many years and of long-standing cooperation between AFAD and UNDAC/INSARAG
- Assignment a joint coordination room to UNDAC and EUCPT close to National Emergency Management Center
- Joint Coordination with UNDAC, EUCPT and AFAD
- Daily Joint Meetings
- High Level Visits USG/ERC/RC
- Fast and effective decision making
7.7 Büyüklüğündeki Kahramanmaraş Elbistan Depreminde 06.02.2023 Tarihinde Ülkeye Gelen Uluslararası Ekiplerin Sevk Edildiği İl Haritası

Afet ve Acil Durum Yönetimi Başkanlığı
INTERNATIONAL ASSISTANCE

RCC-SCC-RDC

IN TOTAL 10 UCC/SCC – 2 RDC
TURKIYE AND SYRIA EARTHQUAKES - USAR PHASE - TIMELINE AND KEY MILESTONES

**06. FEB. 2023 01:17 UTC 7.8 MW EARTHQUAKE**
- 7.8 magnitude earthquake hits 11 cities in Türkiye and affects 15.6 million people.
- 1-hour post EQ OCADs alert shared within 20 minutes.
- 2-hours post EQ initial contact between ERS and AFAD.
- Emergency discussions open on virtual OOSCC online platform.
- 4-hours post EQ UNDAC alert issued.
- 5 hours post EQ first UNCT meeting.
- 10:24 UTC 7.6 magnitude EQ.
- 12-hours post EQ first reception and departure center established in Adana.
- 22 hours post EQ UNDAC liaison to AFAD established inside AFAD National Crisis Centre; UNDAC team leader and first ISAR team land in Adana.

**7 FEB. 2023, 1 DAY POST EQ**
- USAR Coordination Cell established in Hatay. First USAR teams land in Aleppo, Syrian Arab Republic.
- 14 FEB. 2023, 8 DAYS POST EQ
- Flash appeal for Syria published.

**8 FEB. 2023, 2 DAY POST EQ**
- 30+ UNDAC members and operational partners active on the ground.
- Joint UNDAC-EU Coordination Cell established in Ankara.
- 15 FEB. 2023, 9 DAYS POST EQ
- UNDAC alert issued (2nd wave).

**9 FEB. 2023, 3 DAYS POST EQ**
- UNDAC team reaches Syria.
- 2 UNDAC sub-OSSCs established.
- 16 FEB. 2023, 10 DAYS POST EQ
- Flash appeal for Türkiye.

**10 FEB. 2023, 4 DAYS POST EQ**
- UNDAC team reaches Syria.
- UNDAC coordinates the meetings of the USG, RC and VP of Türkiye.

**11 FEB. 2023, 5 DAYS POST EQ**
- Second RDC established in Gaziantep.

**12 FEB. 2023, 6 DAYS POST EQ**
- UNDAC deploys to Malatya; USG visits the Türkiye-Syria Border; UCC relocation 1.

**13 FEB. 2023, 7 DAYS POST EQ**
- USB visits the Türkiye-Syria Border.

**14 FEB. 2023, 8 DAYS POST EQ**
- UNDAC Allert issued (2nd wave).

**15 FEB. 2023, 9 DAYS POST EQ**
- USAR Coordination Cell handed over to AFAD.
- Search and rescue operations coordinated by AFAD.
- 17:04 UTC - 6.4 magnitude EQ aftershock.
- Demobilisation starts.

**16 FEB. 2023, 10 DAYS POST EQ**
- Last live rescue performed; 53% of international USAR teams demobilised.

**17 FEB. 2023, 11 DAYS POST EQ**
- MFA acknowledges the important contribution of international USAR teams.

**18 FEB. 2023, 12 DAYS POST EQ**
- Final INSARAG team departs from Türkiye.

**23 FEB. 2023, 17 DAYS POST EQ**
- Finish INSARAG team departs from Türkiye.
INTERNATIONAL COOPERATION

90 Country:

• International Search and Rescue Personnel Working in Total: 11320

• % 87 of INSARAG Classified Teams Deployed
UNDAC – Overview of the response and key takeaways
UNDAC Response

- UNDAC deployed immediately and was on the ground within 24 hours.
- **First priority**: support USAR operations and coordination:
  - OSOCC set up in Gaziantep, 4 sub-OSOCC (including Hatay)
  - Support RDC, UCC, SCC with UC liaison in UNDAC team.
- **Second priority**: establish the coordination structure for humanitarian coordination at all levels (Ankara, HCT/Govt and in affected areas Govt/local organisations /humanitarian actors).
UNDAC Response

Value added:
• The system worked in large disasters
• Good interoperability between partners and networks
• Interdisciplinarity.

Lessons learnt:
• Keep strengthening the collaboration and interoperability between partners and networks
• Train in the practicalities of response preparedness.
First draft of the coordination structure
UNDAC Response

Coordination Structure -
One week later
USAR Coordination

- RDC Established in Adana 12 hours after the EQ.
- USAR Coordination Cell (UCC) initially established in Hatay, then moved to Adıyaman from 12 to 16 February 2023.
- Ten Sector Coordination Cells (SCC), reporting to the UCC, were established in the most severely affected urban centres.
- 300 lives saved by INSARAG teams and other international teams coordinated by the UCC.
Setting the Stage

-INSARAG Secretariat
The first 72 hrs after a disaster are critical.

We have coordinated the deployment of over 4,948 search & rescue experts and #UNDAC emergency response teams soon after the earthquake shook #Türkiye and #Syria.

We'll continue to support every effort to save lives.
RSB's Response Timeline - USAR

1st Earthquake
Magnitude: 7.8M
Depth 17.93 Km

1st GDACS Alert
Day 1
Phones ring
SRS, AFAD
One call – done deal

6 Feb 0217 GMT+1 + 1 hour
VO Open
203 Teams monitoring
UNDAC M1 out at 0559 UTC
1st wave of 60 members including op. partners respond
First on the ground
- AFAD National Crisis Centre
- UNDAC TL with Swiss team

International USAR Coordination
Two RDCs, one UCC, 10 SCCs established across the five affected provinces (up to 200 Km apart)
Full scale USAR operations
• 11000+ internationals from 100 countries
• 300 lives saved
• Largest INSARAG response ever
• 30 EMTs deployed
• 24000+ national responders
• 9000 lives saved
• 160,000 collapsed buildings
• 8 teams redeployed to Syria

USG and RC meet Turkish Vice President

Day 2 - 13 hours + 20 hours

300 LIVES
saved by INSARAG classified teams and other INSARAG managed international teams
Speed, Solidarity Partnerships Effective Methodology Effective Coordination Decisive Response

“How can we help?”
Another life rescued today in #Türkiye by @GEA_SAR and #ERICAM in #iskenderun, after 162 hours under the rubbles. #INSARAG teams making miracles after the #earthquakes
Qatar Mission to North West Syria
Colonel Staff Mubarak Sherida Al Kaabi, INSARAG AEME Regional Chair 2023 and Commander, Qatar International Search and Rescue Group.
Presentation of core analysis of the USAR response and draft recommendations
Introductory Remarks
- Winston Chang, INSARAG Global Lead
06.02.2023
PAZARCIK, ELBISTAN
(KAHRAMANMARAS)- DEFNE (HATAY)
EARTHQUAKES
NATIONAL & INTERNATIONAL DISASTER RESPONSE & COORDINATION
<table>
<thead>
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<th>Ministry of Environment, Urbanization and Climate Change</th>
<th>Ministry of Transport and Infrastructure</th>
<th>Ministry of Interior</th>
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| • Damage assessment  
• Infrastructure  
• Debris removal  
• Firefighting  
• Burial services | • Communications  
• Transportation infrastructure  
• Transport  
• Technical support and supply | • Evacuation and housing  
• Safety and traffic |

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<tr>
<th>Ministry of Family and Social Services</th>
<th>Ministry of Agriculture and Forestry</th>
<th>Ministry of Health</th>
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</table>
| • Psycho-social support  
• Donations in kind | • Food, agriculture and livestock | • Healthcare |

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<tr>
<th>Ministry of Energy and Natural Resources</th>
<th>Turkish Red Crescent</th>
<th>Ministry of Treasury and Finance</th>
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<tbody>
<tr>
<td>• Energy</td>
<td>• Procurement of food</td>
<td>• Loss assessment</td>
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<thead>
<tr>
<th>AFAD</th>
<th>National Response Plan</th>
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| • Search and rescue  
• CBRN  
• Shelter  
• Finance & Resource management  
• International cooperation  
• Information management  
• National and international donations |
According to the Turkey Disaster Response Plan, 1st and 2nd group support provinces have been determined for each province in case of a disaster.

Since our support provinces designated for our provinces exposed to disaster are also affected by the disaster, there have been significant difficulties in disaster management.

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<th>Adana</th>
<th>Adıyaman</th>
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- An earthquake with a magnitude of 7.7Mw occurred on 06.02.2023 at 04:17, centered in Kahramanmaraş-Pazarcık.
- Subsequently, the personnel working in Provincial AFAD Directorates and AFAD USAR Brigades were immediately gathered within their institutions from the first moment of the earthquake.
- Simultaneously AFAD National Emergency Management Center became operational with the participation of related parties according to TAMP (Turkish National Disaster Response Plan)
- While deploying teams to area, simultaneously evacuation of around 2 millions affected people to safe areas started
Once the AFAD-RED outputs taken and initial reports received from the EQ affected area:
- It was decided to transport remote provincial teams by air
- Nearby provincial teams by road
All AFAD Provincial USAR Teams and USAR Brigades, which were decided to deploy by road left their bases between 04:30-08:00 hrs on 06.02.2023.

- The earliest arrived to area on 06.02.2023 at 05:00, while the latest team arrived to the area on 07.02.2023 at 02:20.
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<td>06.02.2023 07.30</td>
<td>MARMAR(HATAY(OSMANİYE)</td>
</tr>
</tbody>
</table>

61 provincial AFAD Teams
- Deployment order also given to NGOs and Fire Brigades, army and police for USAR activities all around to country
- Not only USAR teams also other TAMP Disaster Groups such like medical, energy, infrastructure, transportation, communication etc.. ordered to move area
EXPEDITION OF TEAMS TO THE EARTHQUAKE AREA

- From the first moment of the earthquake, AFAD Presidency reached Provincial AFAD Directorates; Teams were asked to gather and vehicles to be prepared for disaster response, and information was given to which region they would be deployed.
- Provincial AFAD Directorates were responsible from the preparation and deployments of all USAR assets in their province.
The air transport of AFAD Provincial Teams and USAR Brigades, took place between 06.02.2023 05:00-22:47.
The earliest arrived at their duty provinces on 06.02.2023 at 13:30, while the latest team arrived at the place of transfer at 07.02.2023 at 14:00.
<table>
<thead>
<tr>
<th>İLLER</th>
<th>İNTİKAL BİLGİLERİ</th>
<th>HAREKET BAŞLANGıÇ TARİHİ</th>
<th>HAREKET VARIŞ TARİHİ</th>
<th>GİDİLEN İL</th>
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</thead>
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<tr>
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<td>KARAYOLU+HAVA YOLU</td>
<td>06.02.2023-06.30</td>
<td>06.02.2023-15.25</td>
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<tr>
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<td>HAVAYOLU+KARA YOLU</td>
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<tr>
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<td>KARAYOLU+HAVA YOLU</td>
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<td>07.02.2023-15.15</td>
<td>GAZİANTEP(NURDAĞI)</td>
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<td>HATAY(SAMANDAĞ)</td>
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<tr>
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The table below gives the number of personnel working on the first day in the 10 provinces affected by the severity of the earthquake.

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<th>JAK</th>
<th>JÖAK</th>
<th>DESTEK</th>
<th>İTİFAYE</th>
<th>STK</th>
<th>MEB</th>
<th>ULUSLARARASI</th>
<th>SAHİL GÜVENLİK</th>
<th>TAHLİŞİYE</th>
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INTERNATIONAL USAR COORDINATION

RCC-SCC-RDC

IN TOTAL 10 UCC/SCC – 2 RDC
INTERNATIONAL USAR COORDINATION

FIRST PHASE

PROVINCIAL USAR COORDINATION CENTER
SECTOR COORDINATORS
LOCAL&NATIONAL USAR TEAMS
UCC/SCC
INT.USAR TEAMS

SECOND PHASE

PROVINCIAL USAR COORDINATION CENTER
SECTOR COORDINATORS
LOCAL&NATIONAL USAR TEAMS
INT.USAR TEAMS
KAHRAMANMARAS PAZARCIK (Mw:7.7) and ELBISTAN (Mw:7.6) EARTHQUAKES

In total 26,032 work sites
Search and rescue efforts were carried out.

2,309
AFAD Search and Rescue Personnel

11,320
International Search and Rescue Personnel

21,621
National Search and Rescue Personnel

35,250
National and International Servants in Total
Search and Rescue Personnel
After-Action Analysis & Recommendations Report

Solveig Thorvaldsdottir and Andrea Bartolucci

Shorter version
Origin of Report

A lot of information had been collected
- Padlets from 2023 Team Leader Meeting
- Post Mission Reports
- Virtual OSOCC
- ICMS

Secretariat looked for people to go through the information
People with an academic background to analyse the content
- University of Iceland, Iceland Ministry for Foreign Affairs
- Leiden University, Nederlands

Work started early summer – deadline: last week
Method of Analysis

1. Padlets
   • Sort 1: answers to same questions
   • Sort 2: same content in answers
   • Sort 3: summarized into categories (be able to back-track, codes)

2. Post-Mission Reports
   • Information not already in the Draft 1
   • Team responsibility

3. VOSOCC and ICMS

4. Six Focused Review Questions

5. Reviewers

6. Editing
Whose opinion is in the report?

• Reflection of opinions/recommendations of teams
• Reflection of teams' actions in VO and ICMS
• Reviewers
  • Handful of people
  • Secretariat
• Authors
  • Sort, summarize, and key messages
  • Add context
  • Derive recommendations
• Not a historical account of what happened.
# Comments and Recommendations Based on Information From USAR Teams

3

## Insarag System as Defined by the Insarag Guidelines

3.1

## Phase In, Manage, and Phase Out a USAR Coordination System

3.2

## Working with Lema

3.3

## Logistics

3.4

## Information Management

3.5

## Medical

3.6

## Safety and Security Issues

3.7

## Team Responsibilities – Taking Ownership

3.8

## Training

3.9

## Compliance and IEC/R

3.10

# New Collaborations and Trainings

4

## Strategy, Operations, and Technical Search

4.1

## Team Management and USAR Coordination

4.2

## Logistics

4.3

## Localization

4.4

## Non-Insarag Teams

4.5

# Focused Review

5

## Delivery on Mandate

5.1

## Quality Standards/IEC

5.2

## Interaction with National Authorities and Strengthening Localization/Capacity Building

5.3

## USAR Coordination

5.4

## Expanding Role of International USAR Teams

5.5

## What is the Role of Insarag in Complex Emergencies?

5.6

# Conclusions

6

## General Conclusions

6.1

## Five Strategies for Success for Insarag

6.2
How to use the report!

As a basis for discussion on how to improve our system and improve ourselves.

Don’t get caught up on wording in the report, think about next steps
If you think your recommendation is not included.

Anybody can volunteer to contribute.
#1. Topics of Recommendations

<table>
<thead>
<tr>
<th>Working with LEMA</th>
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<tbody>
<tr>
<td>Connections with LEMA at every level</td>
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<tr>
<td>UCC and LEMA Connection</td>
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<td>Working with LEMA</td>
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<tr>
<td>Managing expectations of LEMA support</td>
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<td>Declaring End of Int’l USAR operations</td>
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<td>Donation process</td>
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<td>Beyond the rubble</td>
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#3. Topics of Recommendations

<table>
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<tr>
<td>Speed of mission activation</td>
</tr>
<tr>
<td>Flexibility /Adaptability and ASR levels</td>
</tr>
<tr>
<td>Building Marking</td>
</tr>
<tr>
<td>Triage and survivability in voids</td>
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<td>New roles and strengthening roles</td>
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<table>
<thead>
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<th>PHASE IN, MANAGE, AND PHASE OUT A UC SYSTEM</th>
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<td>General</td>
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<tr>
<td>RDCs</td>
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<tr>
<td>UCC</td>
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<tr>
<td>Sectors</td>
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<tr>
<td>Phasing out a UC system</td>
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<tr>
<td>Working with UNDAC</td>
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<tr>
<td>Are we collecting too much data?</td>
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<tr>
<td>ICMS Software</td>
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<td>Other digital tools</td>
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#5. Topics of Recommendations

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<td>Topics before arrival</td>
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<td>Topics upon arrival</td>
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<td>Topics during mission</td>
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<thead>
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<td>More training</td>
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<tr>
<td>More variety in training</td>
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<table>
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<th>Safety and Security Issues</th>
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<tbody>
<tr>
<td>Safety and Security</td>
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### Key messages

- The INSARAG system works
- More training
- More variety in training
- More compliance

### New:

**Scenario Matrix**

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<th>Topic</th>
<th>Variations</th>
<th>1st scenario Easy</th>
<th>2nd scenario Hard</th>
<th>3rd scenario Türkiye</th>
<th>4th scenario Random</th>
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<tr>
<td></td>
<td>Manageable compared to number of teams</td>
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<td>x</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Overwhelming compared to number of teams</td>
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<td>x</td>
<td></td>
</tr>
<tr>
<td>Survivors in collapsed buildings</td>
<td>Few As (known)</td>
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<td></td>
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<tr>
<td></td>
<td>Few Bs (known)</td>
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<td></td>
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</tr>
<tr>
<td></td>
<td>Few Cs (unknown)</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Many As (known)</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Many Bs (known)</td>
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<td>x</td>
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</tr>
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<td>Other RDC desks also that support each other</td>
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<td>x</td>
<td>(x)*</td>
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<tr>
<td></td>
<td>Multiple RDCs</td>
<td></td>
<td></td>
<td>(x)</td>
<td></td>
</tr>
<tr>
<td>UCC/SCC structure</td>
<td>UCC sector only</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td></td>
<td>UCC generates sectors within UCC sector</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td></td>
<td>UCC generate sectors outside of the UCC sector</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LEMA generates sectors</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>LEMA linkages</td>
<td>Full</td>
<td></td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td></td>
<td>Partial</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td></td>
<td>None</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>ASR1-4</td>
<td>LEMA has full information, works closely with UCC to assign tasks</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LEMA gives UCC some info on A/B buildings; Assign ASR3/4 + ASR2</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LEMA done ASR1, sent UCC to hotspots, start with ASR2/rooms</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td></td>
<td>No information at all -- start with ASR1</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>LEMA support</td>
<td>Full</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Transport</td>
<td></td>
<td></td>
<td>(x)</td>
<td>x</td>
</tr>
<tr>
<td></td>
<td>Translators</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fuel</td>
<td></td>
<td></td>
<td>x</td>
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</tr>
<tr>
<td></td>
<td>None</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>UNDAC support</td>
<td>Full</td>
<td></td>
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<tr>
<td></td>
<td>Partial</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td></td>
<td>None</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Safety and security</td>
<td>No problems</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Specific problems</td>
<td></td>
<td></td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td></td>
<td>Working in a non-secure environment</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
</tr>
</tbody>
</table>

*(X) maybe need to add rows to better describe or partial
Q&A
TEA/COFFEE BREAK

Meeting will resume in 30 minutes
Breakout discussions on the way forward/implementation plan
<table>
<thead>
<tr>
<th>Pillar/Breakout Session</th>
<th>Working Group</th>
<th>Facilitator</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Capacity Building / Localisation</td>
<td>NCBWG</td>
<td>Sebastian Mocarquer, Wahyudi Putra, Joe Kaleda, Daniel Gheorghita</td>
</tr>
<tr>
<td>3.3 Working with LEMA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Quality Standards / Compliance</td>
<td>IEC/R WG</td>
<td>David Sochor, Annika Coll Eriksson, Belit Tasdemir</td>
</tr>
<tr>
<td>3.8 Team Responsibilities – Taking Ownership</td>
<td></td>
<td></td>
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<tr>
<td>3.10 Compliance and IEC/R</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. INSARAG Systems / Guidelines</td>
<td>GRG, TWG</td>
<td>Dewey Perks, Solveig Thorvaldsdottir, Sara Rathbun</td>
</tr>
<tr>
<td>3.1 INSARAG System as defined by the INSARAG Guidelines</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.2 Phase In, Manage, and Phase Out a USAR Coordination System</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Information Management</td>
<td>IMWG</td>
<td>Jeff Maunder, Peter Wolff, Martijn Boer, John Morrison, Whitney Veen</td>
</tr>
<tr>
<td>3.5 Information Management</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. USAR Operations</td>
<td>TWG, MWG, + Other</td>
<td>Ross Bramich, Hector Fuentes, Christophe Debray, Welter Chagas, Ove Syslak</td>
</tr>
<tr>
<td>3.4 Logistics</td>
<td></td>
<td></td>
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<tr>
<td>3.6 Medical</td>
<td></td>
<td></td>
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<tr>
<td>3.7 Safety and Security Issues</td>
<td></td>
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<tr>
<td>3.9 Training</td>
<td></td>
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</tr>
</tbody>
</table>
## Breakout Rotation Schedule

<table>
<thead>
<tr>
<th>Rotation</th>
<th>Group 1</th>
<th>Group 2</th>
<th>Group 3</th>
<th>Group 4</th>
<th>Group 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>13:30-1500</td>
<td><strong>LUNCH BREAK</strong></td>
<td></td>
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</tr>
<tr>
<td>15:00-15:45</td>
<td>Quality Standards &amp; Compliance</td>
<td>INSARAG System &amp; Guidelines</td>
<td>Information Management</td>
<td>USAR Operations</td>
<td>Capacity Building &amp; Localization</td>
</tr>
<tr>
<td>15:45-16:30</td>
<td>INSARAG System &amp; Guidelines</td>
<td>Information Management</td>
<td>USAR Operations</td>
<td>Capacity Building &amp; Localization</td>
<td>Quality Standards &amp; Compliance</td>
</tr>
<tr>
<td>16:30-17:15</td>
<td>Information Management</td>
<td>USAR Operations</td>
<td>Capacity Building &amp; Localization</td>
<td>Quality Standards &amp; Compliance</td>
<td>INSARAG System &amp; Guidelines</td>
</tr>
<tr>
<td>17:15-18:00</td>
<td>USAR Operations</td>
<td>Capacity Building &amp; Localization</td>
<td>Quality Standards &amp; Compliance</td>
<td>INSARAG System &amp; Guidelines</td>
<td>Information Management</td>
</tr>
</tbody>
</table>
LUNCH BREAK

Meeting will resume at 15:00
Breakout discussions on the way forward/implementation plan - continued
INSARAG After-Action Review of the USAR Response to the Türkiye and Syria Earthquakes

17 – 18 October 2023
Doha, Qatar
05

Recommendations, way forward, summary of action points
1. **Action Plan and way forward was presented**

   - A top-down approach on the way forward was presented, that included the following:
     - Revision of Manual A: Capacity Building
     - Guidance on Host Nation Support
     - Guidance on national USAR Coordination
     - Training packages
   - Support to move forward, acknowledging the challenging timeline presented
   - Most of the topics will need to be developed in the near future and consulted with the INSARAG network
   - The topics regarding national capacity building and localization have been considered in the work plan for the NCBWG (2024-26)
Breakout Session Takeaways

Capacity Building and Localization

2. **Summary of additional feedback received**

- The interaction between LEMA and the UCC was discussed, highlighting the following:
  - Closer link between LEMA and UCC, specially at the initial stages
  - Strengthening the linkage between UNDAC and UCC to enhance coordination, particularly at a national level
- Requesting member state's disaster response and coordination framework should be understood by international assistance participating in the response:
  - Providing national framework summary can bring more understanding for international USAR teams
  - Develop host nation guidance/factsheet for reference to be used in pre-deployment research or available at arrival in country
2. **Summary of additional feedback received (cont.)**

- Sharing perspective between LEMA, MFA and national stakeholders regarding the international assistance is part of the preparedness phase
  - Should be part of national disaster response framework, plans and training
- Some practical suggestions were discussed to improve coordination between LEMA and UCC/SCC:
  - Liaison from LEMA embedded in UCC to help better coordination
  - Establish close coordination between LEMA and UCC to support SCC operations
  - Availability of translators
Breakout Session Takeaways
Capacity Building and Localization

2. Summary of additional feedback received (cont.)

- Host nation support was discussed and identified as a significant area where guidance can be developed:
  - There are available references to be considered
  - Europe and ASEAN regions have guidance available
  - Provide the basic guidance how to use military resources (CMCoord) for the host country (OSLO guidelines)
- End of International USAR Operations
  - The concept that there should be only one Search and Rescue phase with transition to recovery that should be determined by the LEMA was discussed.
  - International teams may or may not stay throughout this locally determined phase.
  - Guidance to be developed accordingly
2. Summary of additional feedback received (cont.)

- Changing the word "USAR" to "Disaster Response System" can be an alternative approach to implement capacity building in member states.

- There is a need to take an approach to non-classified teams so they can be integrated into the response, if accepted by the affected country.
  - Member states should encourage NAP/IRNAP.
How useful was the existing IEC/R process (quality assurance) for your deployment to Türkiye/Syria—and how inflicts your experience from the operation to the preparation of your next IER?

Discussion: Existing Quality Assurance Process is useful but a response is chaotic and needs a more flexible approach.

Further to discuss and to develop:
• Teams debrief in a self-critical way with the help of IEC/R Checklist and discuss within Team and the Mentor way ahead for next IER
• Joint trainings, exercises and IERs with partners
• More demanding and challenging IER exercises (more flexibility demanded) → demands more experienced mentors and classifiers
Breakout Session Takeaways

Quality Standards and Compliance

Team Responsibilities and taking Ownership

Discussion: Is in the interest of the operation and is in general a positive reaction to an uncertain situation → network and partners have to be informed → do no harm

Further to discuss and develop:
• Should be mentioned and approached in the Guidelines
• Needs highly qualified Management staff that is able to evaluate and assess the situation and to take fast decision → Recruitment and training of management staff
• Adapting methodology according the situation and goals
Breakout Session Takeaways

Quality Standards and Compliance

Compliance to INSARAG Methodology/Minimal Standards-how to handle No Compliance during deployment?

Discussion: Controversial discussion on how to deal with no compliance → take action or no.

Further to discuss and develop:
• Distinguish between misconduct and non compliance and individual and collective non compliance
• Collect and analyze the reason and severity, to find out why this happened/happens and to take corrective actions
• Self-critical approach and assessment
• Evtl. build a “ethical board” of wise women and men
• Evtl. to take on in Guidelines and the IER process
RDC

- Teams can help fill the gap.
- Use the mentoring programme regarding understanding compliance.
- Take into account LEMA’s perspective, what are they planning

ASR2

- use Photos

Assignments, more examples of variety:

- ASR2 implies you have to look for tasks, but they may come to you. Include scenarios where there is no need to look for tasks, and you go directly to some versions of ASR3 and 4.

Ending USAR operations

- Different types
  - Endings can be natural
    - No more missing people
    - All logs resources depleted
    - Team exhausted
  - Endings can be political
- Better to talk about handing over to LEMA, then ending a phase, unless the phase is finished and everyone has been accounted for.
- Review the text in the Guidelines and consider
  - Body recovery can be very important to LEMA
  - If teams need to leave because their logistical resources are depleted, LEMA might be able to resupply teams so that they can stay longer, if LEMA wants them to stay longer than the IG-stated duration
  - LEMA will understand it teams need to leave after the accepted operational period of 10/7/5 days.
  - Discuss matters with LEMA and be flexible and sensitive to their needs, while maintaining the needs of the team members.
- We can „front-load” the issue by talking to LEMA early on about when the teams will start to leave, not leave the discussion until they are leaving.
New text in the form of Guidance Notes or Technical References about the Guidelines

- Consideration notes – shorter versions for new people

E-learning

- Using the Scenario Matrix to develop a variety of E-learning
- Many teams could participate in the making of that
- Using E-learning for evaluation and understanding impact.

Training

- Annual training calendar for „back-to-basics“

Flexibility, adaptive, decisive

- Add a text that the UCC can deviate from the procedures in the Guidelines, if need be, including the +/-12 hours in the Triage categories. As such, management may decide how much time is spent on a building before moving on.
- Good to have simplified triage categories to ABC, but further explanations for C buildings is needed.

Teams vs INSARAG responsibility

- Spend more time define team vs. INSARAG responsibility when reviewing the Guidelines.
Information Management
Working Group (IMWG)

INSARAG
Turkiye AAR – FEEDBACK on recommendations
Doha, Qatar
2023
## Key Activities

<table>
<thead>
<tr>
<th>Suggested Recommendation</th>
<th>Issues</th>
<th>Actions</th>
<th>Responsible Party, e.g., MWG, Secretariat</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOSOCC</td>
<td>VOSOCC should only be used to have one-way communication from the coordination cells to the teams. Communication to the coordination cells through other (verified) means.</td>
<td>FACT sheet in duplication, try a simplified version on the VO. Recommended structure as in page 52 of AAA&amp;R. Limiting comments: Talk to VOSOCC.</td>
<td>IMWG, GRG</td>
</tr>
</tbody>
</table>
| Are we collecting too much data? | Yes.  
• Simplification of following forms:  
  • Work Site Triage Form  
  • Work Site Report Form  
  • Victim Extrication Form  
  • Patient Treatment Form | Reduce information from each form:  
• Combine WST+WSRF=WSF.  
• Removed logistics request out of WSRF form.  
• Reduce medical form | MWG, IMWG |
| Flexibility               | Delinking work-site ID to sector ID.  
• Ability to assign and report on work-areas.  
• Add as many coordination layers as needed.  
• Allowing teams to fill in forms in any order based on ASR levels. | Introduce change proposals for ICMS to ISG:  
• Worksite ID change  
• Coordination layers  
• Work Areas/Sub sectors | IMWG, TWG |
| ICMS                      | More user friendly.  
• Technology changes mean changes will be required by the end of 2025.  
• Field work simplification will make it more user-friendly  
• Enhanced functions | Redevelopment necessary.  
- Limit bandwidth needed.  
- Leave ICMS 2.0 as is until transition to ICMS 3.0.  
- Develop ICMS 3.0 (incl. quick-capture, worksite ID, etc.) after endorsement ISG. | IMWG |
VOSOCC should only be for one-way communication from the coordination cells

- FACT sheet in duplication, try a simplified version on the VO.
- Recommended structure as in page 52 of AAA&R.
- Limiting comments: Talk to VOSOCC.
- Changes to Mobilising and alignment of team status messages on VO + ICMS to Guidelines

Feedback

- Attention for an NGO that is offering deployment through VOSOCC. Provide vetted contact info for this.
- Based on history, self-regulation has not worked.
- Use the exact same wording in ICMS (team status). Make sure that these aren’t too many statuses.
- Monitoring is a political statement and has a function. This may still be needed. Morocco is an example.
- Who is the guardian during an incident (to clean up if necessary)?
- One way information begins after a UCC is established.
- Concerns about the delay of information, especially about security. Adding UCC as an extra step may delay time-critical information (ex. location minefield)
- There should be one section for open chat between teams.
- Focus on other tools than ICMS in training.
- Can we get VOSOCC rebuilt in modern technology. This way we can automatically connect the systems.
Are we collecting too much data?

- Reduce information from each form:
- Combine WST+WSRF=WSF.
- Removed logistics request out of WSRF form.
- Reduce medical form

Feedback

- We must be able to reopen a worksite after it is closed.
- Explain why victims extricated is not included in worksite update, ideally the system would add up the victim extrication forms.
- Explain link of Victim Extrication Form to Patient Treatment Form – development of a unique ID tying the forms together
Flexibility
• Introduce change proposals for ICMS to ISG:
  • Worksite ID change
  • Coordination layers
  • Work Areas/Sub sectors

Feedback
• The OFP designates team IDs 01-09 + 10-99 beforehand. Anything unknown is 100+. Where is this kept track?
• Breaks down the requirement to do your ASR’s in a linear fashion.
• It could be confusing to use a country in the worksite ID. Telephone country code could be better. Consideration of political issues.
• Look into: system automatically gives teams system-generated worksite numbers. Maybe when a team goes to “Activated” on VOSOCC.
• Potential conflict of team 3-digit numbers if there is more than one RDC.
• Support for additional coordination layers, definition of the terminology is very important
• Span of control is usually 5 to 9. Depending on levels of team
• There needs to be a balance in amount of coordination: are there enough trained coordination team-members to work in coordination?
ICMS

Redevelopment necessary.
- Limit bandwidth needed.
- Leave ICMS 2.0 as is until transition to ICMS 3.0.
- Develop ICMS 3.0 (incl. quick-capture, worksite ID, etc.) after endorsement ISG.

Feedback
- Possible external developers? Vs Teams who have Esro/GIS Developers. Supporting IMWG developers.
- Important that the developer(s) have a link to the INSARAG community.
- Is there a possibility to put in a “super-flash” priority category?
- Build a paper system based on a digital system, and not the other way around.
- What do you do when there is no data for an extended period of time? Do you fall back to paper or keep digital so ...
  - that it uploads when there is internet.
- A way to automatically summarize all the dots about a worksite into one dot (in ICMS 2.0).
Future for Field Applications
IMWG Work Plan Timeline

2024-2026

Q4 2023
Regional Meetings
(AP, AEME, Americas)

Q1 2024
Team Leaders
ICMS 3.0 POC
(Americas)

Q2 2024
ISG
Present proposed changes and recommendations
(Geneva, SUI)

Q4 2024
Regional Meetings
Progress Briefing
AP- Pakistan, AEME - Romania, Americas - TBC

Q1 2025
Team Leaders
Progress Briefing
Demo
After this meeting, submit final inputs are confirmed.

Q2 2025: ISG

Q4 2025: Regional Meetings
IMWG visits regional meetings and Demonstrates final version ICMS3.0
(AP, AEME, Americas)

Q1 2026: Team Leaders
Present ICMS 3.0

Q2 2026: ISG
Endorsement of ICMS 3.0 and any GRG changes
Geneva, SUI

Q3 2026: Global Meeting
Launch of the ICMA 3.0 and associated training
2026-2031
USAR Operations

- Logistics
- Medical
- Safety & Security
- Training
USAR Operations

Logistics

Medical

Safety & Security

Training

Information available on VO, its location and its validation

Commercial airlines

Self sufficiency
USAR Operations

Logistics

Medical

Safety & Security

Training

Crush syndrome

Amputations

Mental Health

Authority to practice
USAR Operations

Logistics

Medical

Safety & Security

Training

Climate

Flash Notification system

Escalating crowds
USAR Operations

- Logistics
- Medical
- Safety & Security
- Training

More

More variety
TEA/COFFEE BREAK

Meeting will resume in 30 minutes
SESSION 5b

Recommendations, way forward, summary of action points – Q&A
Q&A
SESSION 6

The role of INSARAG in complex emergencies
The role of INSARAG in complex emergencies
Sebastian Rhodes Stampa, INSARAG Secretary

Can and should INSARAG Teams Operate in Complex Emergencies?

A complex emergency, as defined by the UN, is “a humanitarian crisis in a country, region, or society where there is a total or considerable breakdown of authority resulting from internal or external conflict and which requires an international response that goes beyond the mandate or capacity of any single agency and/or the ongoing UN country programme”
The role of INSARAG in complex emergencies
Sebastian Rhodes Stampa, INSARAG Secretary

Nothing in GA 57/150 specifically precludes INSARAG Operations in complex emergencies or insecure environments. However, there are two main elements to this question both with different considerations:

• Can and should INSARAG operate in insecure environments?

• GA 57/150 clearly reaffirms that: ‘the sovereignty, territorial integrity and national unity of States must be fully respected in accordance with the Charter of the United Nations, and, in this context, humanitarian assistance should be provided with the consent of the affected country and, in principle, on the basis of an appeal by the affected country’. In these circumstances how can INSARAG support affected populations without ‘State Consent’?
SESSION 7
Closing statements
THANK YOU!