



Information Management Working Group Update

INSARAG TL Meeting Bucharest 2018


Information Management Working Group (IMWG)



Working Group Strategic Vision

To provide an effective data management methodology that will ensure a coordinated & comprehensive collection, analysis & reporting capability, delivering the right resources to the right location in a timely manner.

IMWG Strategic Objectives

1. Develop and implement an electronic field data collection capability 
2. Provide an ability to analyse data resulting in actionable information
3. Promote timely, informed decisions to ensure coordinated taskings and resource management
4. Provide information in near real time that is accurate and relevant to all stakeholders
5. Develop a suite of tools that allow a comprehensive post deployment analysis across all phases of the event

Information Management

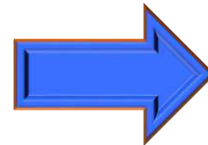
USAR “Data Collecting Tools” principles:

- Field oriented
- Reliable
- Scalable
- Secure
- Flexible
- Cost effective
- Easy to use
- Global reach



Issues

- Larger and more complex USAR operations result in increased workload.
- Situational awareness can potentially be lost if information gathered is not managed correctly through the response cycle.

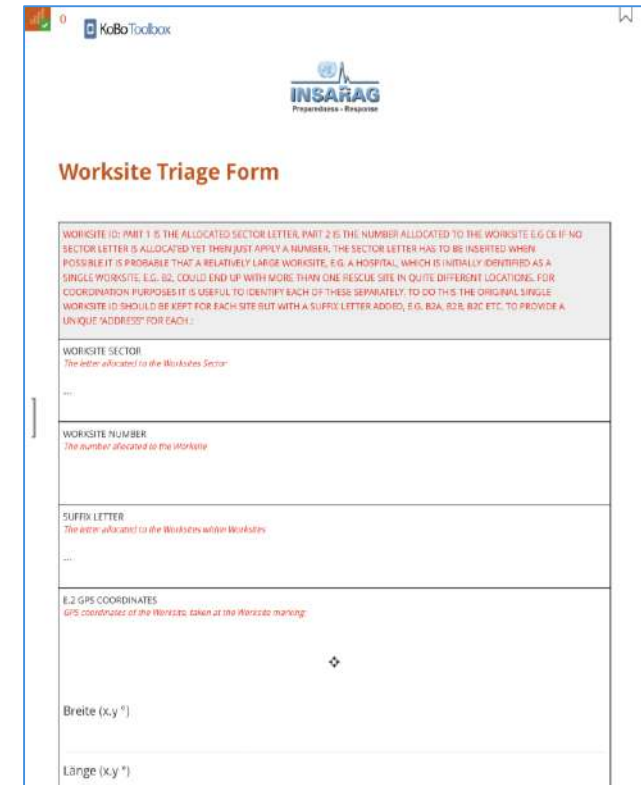
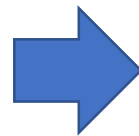
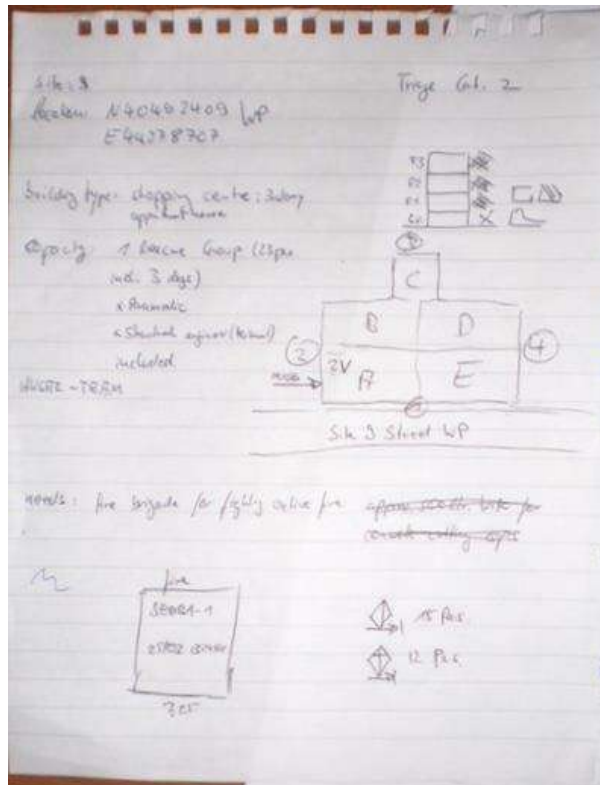


**Information Management:
Standardised and systematic
approach to collect and report
information at all levels**

IMWG 2018 Progress

1. The Data Collection Tool, KoBo was used during IEC/R in 2018, either by pen/paper or mobile device.
2. We created more than **50** training accounts around the World.
3. Data Collection training courses (5) took place, mainly in EMEA region (3 are planned for Asia and Americans in 2019)
4. Teams had no major issues in handling the KoBo Data Collection (INSARAG Standard)
5. The “Operational Management tool” (OMT) helps to improve the Work of RDC / UCC / OSOCC.
6. First demonstration Dashboard was used during PH SIMEX18 and AUS-1 IER (ESRI Dashboard using KoBo and UN-ASIGN data)

Data Collection and Information Management History



KoBo Limitations

- **KoBo is an effective data collection tool, but it is limited in its analytic capabilities**
- **KoBo is incapable of providing an end-to-end solution or effective analysis**
- **Moving KoBo collected data to a dashboard (ESRI) is personnel and process intensive**

Next Steps

- **Improve and refine information collected through forms**
- **Develop training materials and content**
 - **Data Collection Training**
 - **RDC and UCC Analysis Training**
 - **UNDAC Training**
- **Review the SOP, Handbook, and user help files**
- **Working close together with the GRG on the Guidelines 2020**
- **Implement an end-to-end solution, including data collection, analysis and dashboard**

Dashboard & Common Operational Picture

- **Provide at-a-glance views of relevant key elements**
 - **Helps decision makers see operationally relevant data**
 - **Requires input and provides situational awareness**
- **Web site which is linked to a live data**
 - **Allows the report to be constantly updated**
 - **Situation overview and in-depth analysis during a disaster**

AUS IER 2018 Team Dashboard

Select a Team Show All Teams



Team List

- Classification: Heavy
INSARAG Classified: yes
Expected Arrival:
- BoO:
Lat: Lon:
- AUS 1 (AUS-1 DART)
Classification: Heavy
INSARAG Classified: yes
Expected Arrival: 8/21/2018, 1:10:00 AM
- BoO:
Lat: Lon:
- GBR (GBR-1)
Classification:
INSARAG Classified: yes
Expected Arrival: 8/21/2018, 3:30:00 AM

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Team Fact Sheet

1 of 12

Team Info Note

A.0 Team ID USA 1

Country code and No. SAR Team

A.1 Team Name USA -1

A.2 Home Country Fairfax

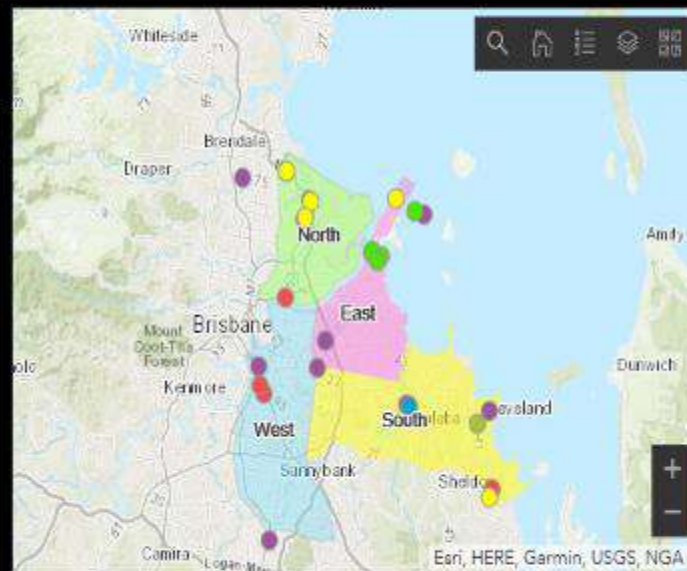
A.3 Number of Persons 72.00

A.4 Number of dogs 6.00

A.6 INSARAG Classified yes Team

A.5 Classification Type Heavy

Typ of none classified



BoO Location Map Legend

Team Demobilisation List

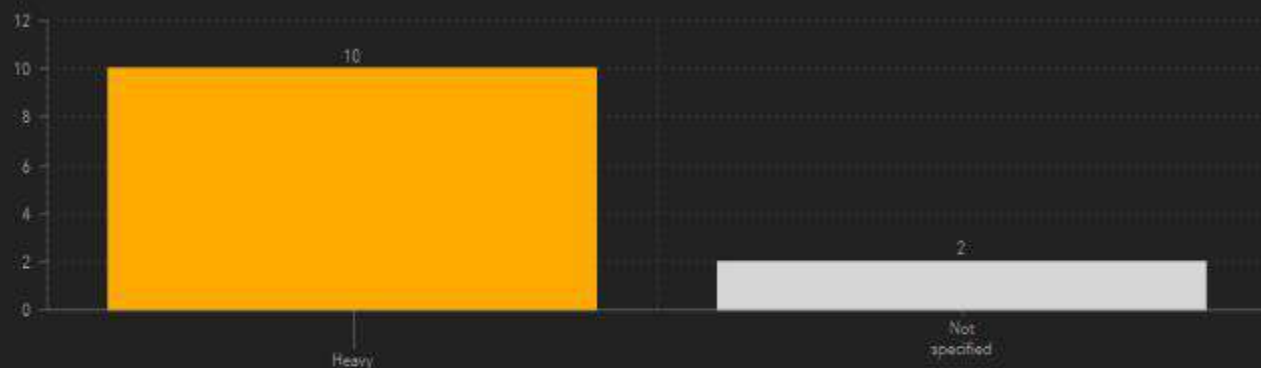
Active Team

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Team Demobilisation Details

No Demobilisation Form Received

Team Classification



Click a category in the chart to filter the Team List shown above

Team Classification Technical Search Canine Search Medical Hazmat Detection Structural Engineers UCC/RCC/OSSOC Support

List of identified Worksites

Worksite: E1

Team: AUS 1
Second Team:
Report Period End: 8/20/2018, 8:15:00 PM
Estimated Completion:
Worksite Status: **completed**

Worksite: N3

Team: NZL
Second Team:
Report Period End: 8/21/2018, 1:00:00 PM
Estimated Completion: 8/21/2018, 6:15:00 PM

Note: Does not currently filter on Second Team

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Arrival / Demob Recon Phase Operations Logistics

AUS IER 2018 Recon Phase Dashb... Team Select Show All Teams Sector Show All Sectors Worksite Status All Worksites Triage Reporting Period

Total number of Triage forms

25

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Triage Count Alive Missing

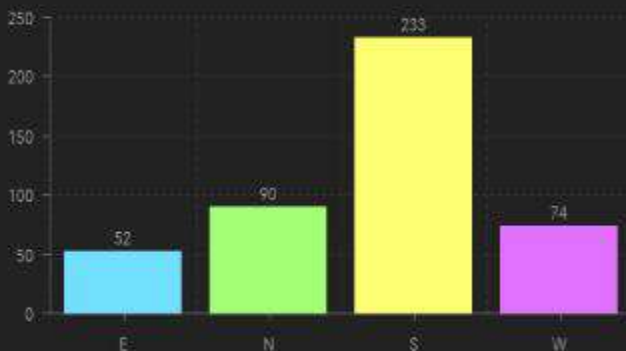
F.11 Triage Category



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Triage Category Type of Collapse Triage Count vs Total

People Missing by Sector



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Triage List

Worksite: N6 (unassigned)
Team: SGP
Triage Category: A (Level 3 Rabid SAR Needed Confirmed Life Victims)
Report Date: 8/20/2018, 6:15:00 PM

steel frame
Pancake collapse

Confirmed Alive: 3
Missing at worksite: 4
Missing or unknown:

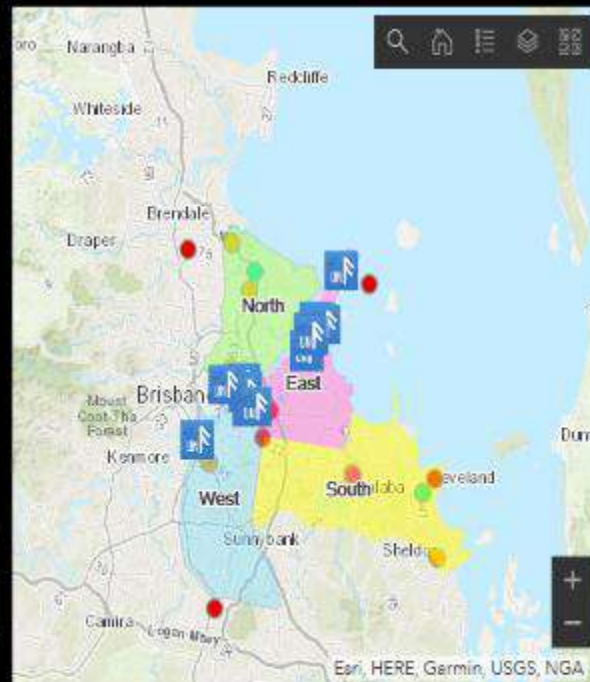
Security situation:
Level 3 - Moderate
Local trying to do rescue but no equipment

Worksite: E8 (completed)
Team: AUS 1
Triage Category: A (Level 3 Rabid SAR Needed Confirmed Life Victims)

Sorted in Priority order

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Triage Triage Detail



Worksite Report List

Worksite: E1
Team: AUS 1
Second Team:
Report Period End: 8/20/2018, 8:15:00 PM
Estimated Completion:

People found this reporting period:
Alive: 1
Dead: 0
Still Missing:
Live Rescues in progress: 0

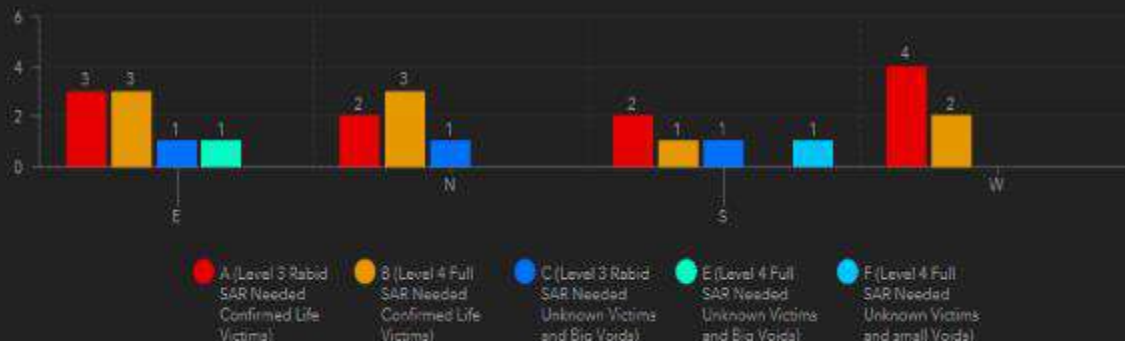
Worksite Status: completed

Worksite: E2
Team: AUS 1
Second Team:
Report Period End: 8/22/2018, 2:30:00 AM
Estimated Completion:

People found this reporting period:
Alive: 2

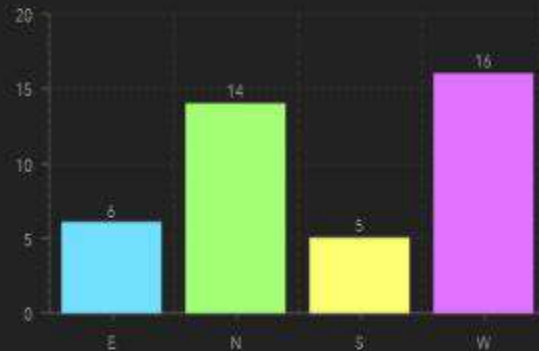
Worksite Report Persons Found Worksite Report Detail

Triage Category by Sector



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People Confirmed Alive by Sector



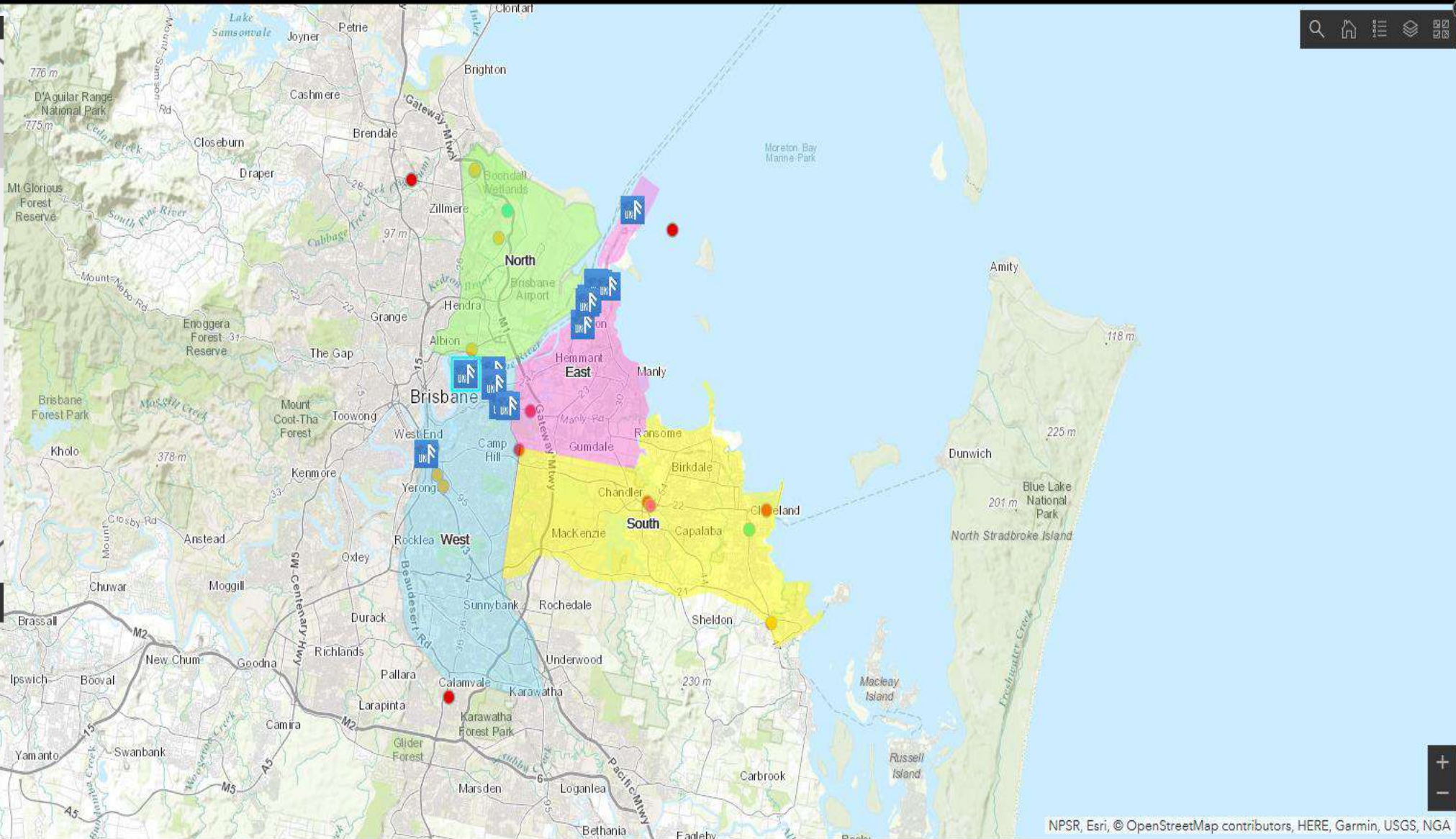
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Arrival / Demob Recon Phase Operations Logistics

AUS IER 2018 Recon Phase Dashb... Team Select Show All Teams Sector Show All Sectors Worksite Status All Worksites Triage Reporting Period

2 of 2

1 Worksite ID OLD	w6b
2 GPS Coordinates	-27.471528 153.109921 13.96303939819336 5
_E.2 GPS	-27.47
ordinates_latitude	
_E.2 GPS	153.11
ordinates_longitude	
_E.2 GPS	13.96
ordinates_altitude	
_E.2 GPS	5.00
ordinates_precision	
E.3 Street Name / Junction Rd Address	
E.4 Worksite	The colmslim
Boundaries	
Description	
F.1 Team ID	USA 1
F.1 Team ID others	
Date and F.3 Time	2018-08-21T04:45:00.000+10:00





OCHA

<http://www.unocha.org>



The International Search
and Rescue Advisory Group

<http://www.insarag.org/>