



# **Op RENAISSANCE:**

## **Nepal Earthquake: The Disaster Assistance Response Team (DART) contribution**

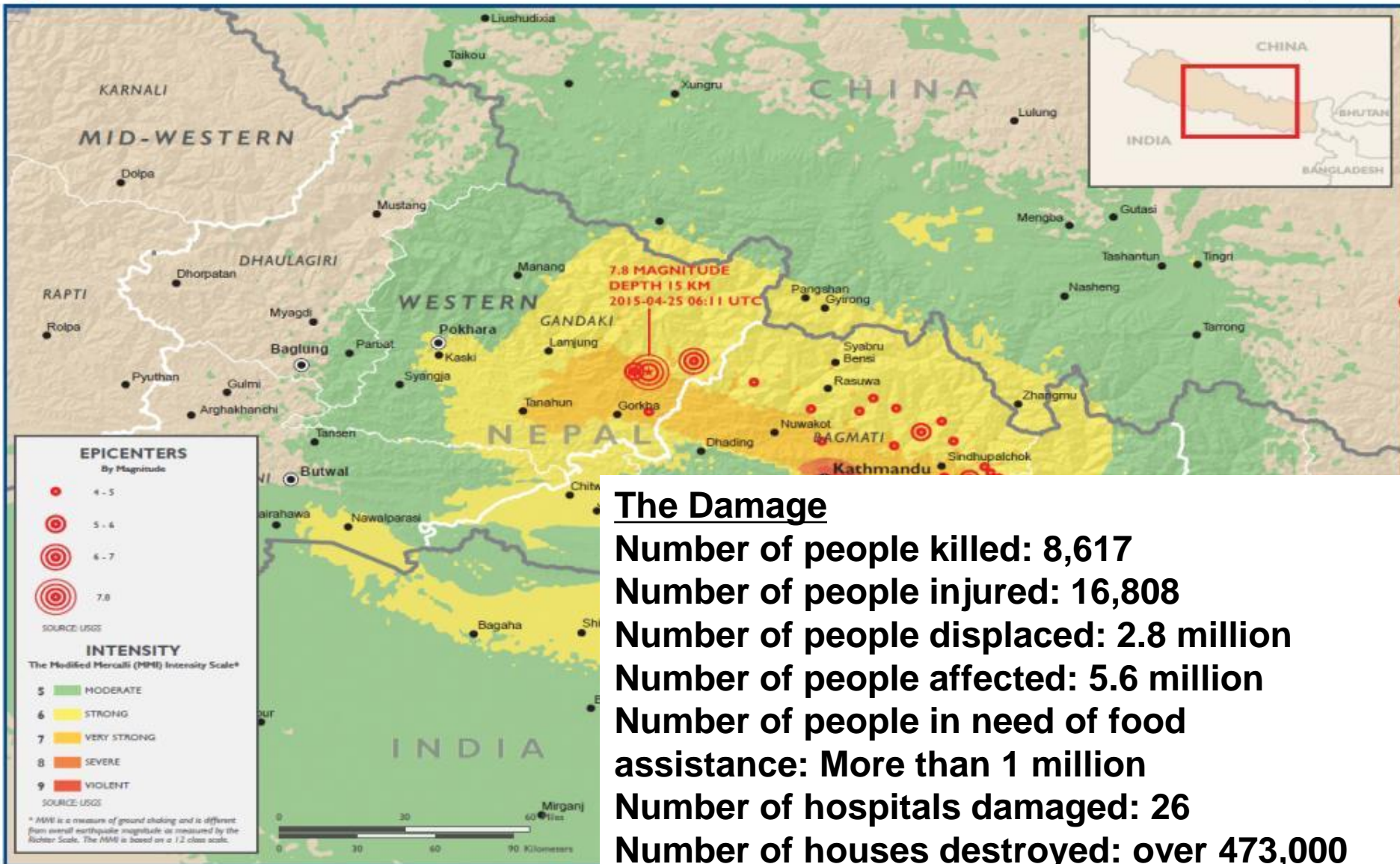
Lcol Francis Mallet

27 January 2016



## NEPAL EARTHQUAKE OVERVIEW

Last Updated 04/25/15



### The Damage

Number of people killed: 8,617  
 Number of people injured: 16,808  
 Number of people displaced: 2.8 million  
 Number of people affected: 5.6 million  
 Number of people in need of food assistance: More than 1 million  
 Number of hospitals damaged: 26  
 Number of houses destroyed: over 473,000



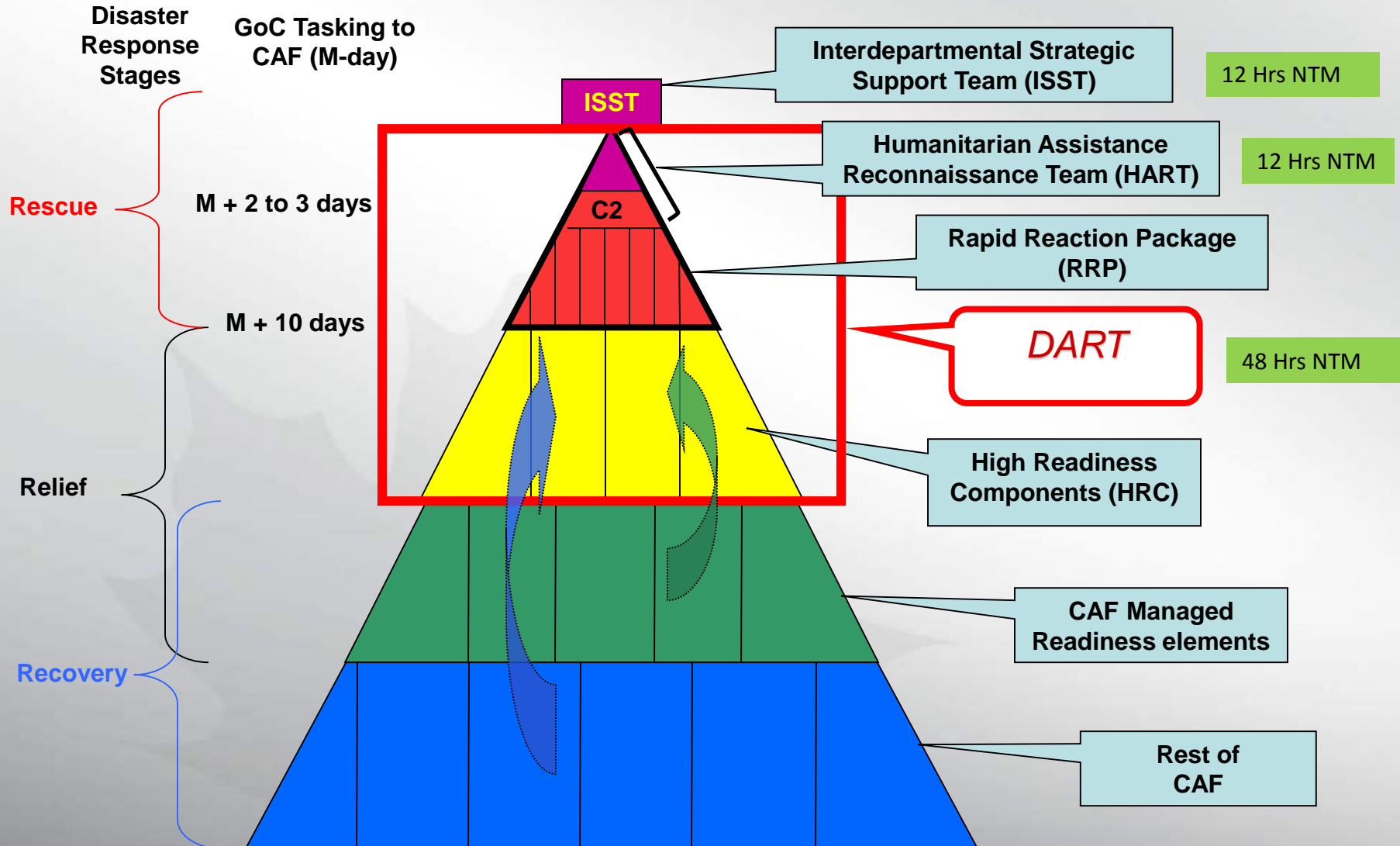
# CAF– CONPLAN RENAISSANCE

## Mission Statement

On order, CJOC will deploy CAF elements to a specified theatre of operations to conduct emergency humanitarian operations in order to minimize human suffering in the short term, and assist in strengthening the medium or long-term recovery effort in support of Canada's WoG response as required.



# CAF Concept of Operation





## Interdepartmental Strategic Support Team (ISST)

- DFATD lead
- Composition: 4 members
  - DFATD (2 pers)
  - DND (2 pers)
- Roles:
  - Conducts strategic needs-based analysis
  - Assess magnitude of the disaster and coordinate with government and military of affected nation and with UN organizations and NGOs
  - Assist the HOM in making recommendations

## Humanitarian Assistance Reconnaissance Team (HART)

- DND lead
- Composition: from 7 to 15 CAF members
- Role:
  - Assist the ISST with needs assessment
  - Link-up with local authorities, forces and agencies
  - Evaluate suitability of deploying CAF elements
  - Make recommendations on the Humanitarian Operations Task Force (HOTF) composition
  - Prepare the ground for further DART deployment





## Op RENAISSANCE 15-1 Timeline

Re-Deployment of All DART Personnel Complete 06 JUN 2015

Remainder of DART Redeployment 28 MAY – 5 JUN 2015

Last Day of DART Operations 29 MAY 2015

Cease Ops and Withdraw from CAMP SUMITRA 23 MAY 2015

1<sup>st</sup> Redeployment Wave Departs KAT 22 MAY 2015

GOC Authorizes DART Redeployment 21 MAY 2015

2<sup>nd</sup> Earthquake Occurs 7.4M /  
DART Declared FOC 12 MAY 2015

GOC Authorized Deployment of DART 2 MAY 2015

1<sup>st</sup> DART Chalk in KAT 1 MAY 2015

HART Arrives in KAT 29 APR 2015

ISST Arrives in KAT 28 APR 2015

Earthquake Occurs 7.9M 25 APR 2015

# DART Capabilities

  
 Comd CJOC  
 (ORCOM)

DART  
 (HOTF)  
 (357)

HOTF HQ  
 (29)

Cbt Camera  
 (3)

## Effects Delivery

## Support the Force

Aviation Elms  
 (90)

CIMIC Elms  
 (12)

D&S Elms  
 (53)

Engineer Elms  
 (61)

Medical Elms  
 (49)

Support Elms  
 (44)

Signal Elms  
 (16)

- ATF HQ
- CH146 - 2 lines of tasking (LOT) for 16/7 ops
- Airfield control element
- Air movements section
- Options for additional airlift (2 LOT CC-130J, 1 LOT CP140, 1 LOT CH124)

- Defence and security platoon
- May carry weapons and provides protection to other DART elements

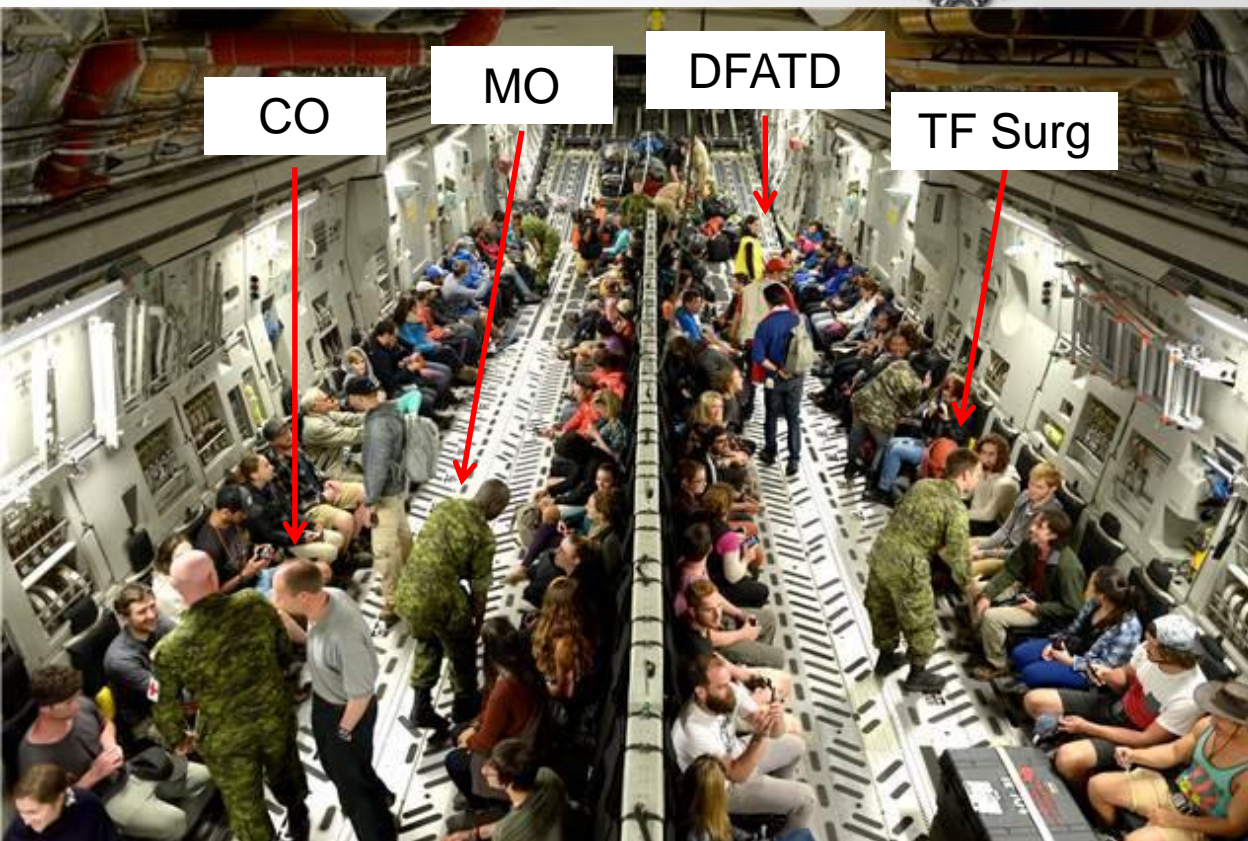
- Urban search and rescue
- Vertical and horizontal constr
- ROWPU (water purification)
- Heavy equipment
- Route clearance

- Basic medical facility
- Primary care
- Evacuation capability (ambulance)
- Triage

- Provides support to DART
- Log, Maint, Supply, Tpt, Sigs, MP
- Enables self-sufficiency
- 40 days of support integral to DART







- DART enabled DFATD evacuating of CEPs and other foreign nationals
- Medical Support to Screening





## ISST/HART at the MNMCC

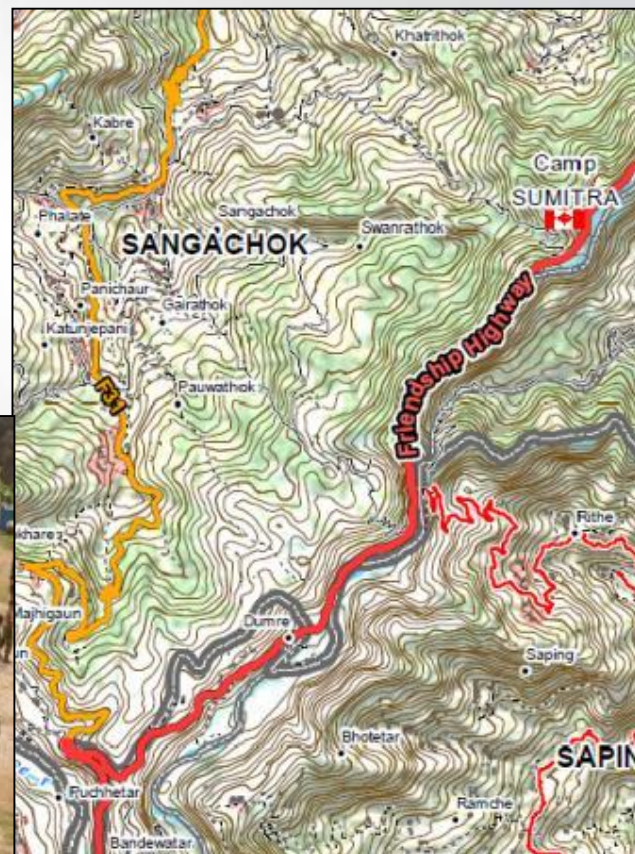






# CAMP SUMITRA & CAMP ASAYA

- Camp SUMITRA (near Chautara and Charikot)
  - Tasks:
    - HUB
    - Village assessments
    - MMTs
    - Eng route clearance
- Camp ASAYA
  - Route opening in Shankhu







# Engineers



## Stats

Bridges repaired – 1  
MSRs opened/Maintained- 6  
Route Length Cleared – 8250m  
Rubble Removed – 3120m<sup>3</sup>  
Pathways Cleared – 305m  
Wells Opened – 8  
Structures Demolished - 20  
Route Obstacles Cleared - 24  
Airfield Engr advice to WFP for  
permanent HLS - 1

## Fact

- Route opening to allow the flow of HA into Camp Sumitra.
- Local population worked along side the DART Engi and the Army of Nepal in SANKHU
- Route Opening/Maintenance enabled NGO activity and local ground evacuation
- Bridge/route repair allowed access to approx 18 towns and rural areas in 24 Km<sup>2</sup>
- Limited NGO's capable of assuming Mobility enabling task during early to mid deployment.





# Health Services Support (HSS)

## 3 Main Tasks



- Relief Care
  - Mobile Medical Team
  - Support to triage center
  - Support to local hospital
    - Capacity building
- Integral Support





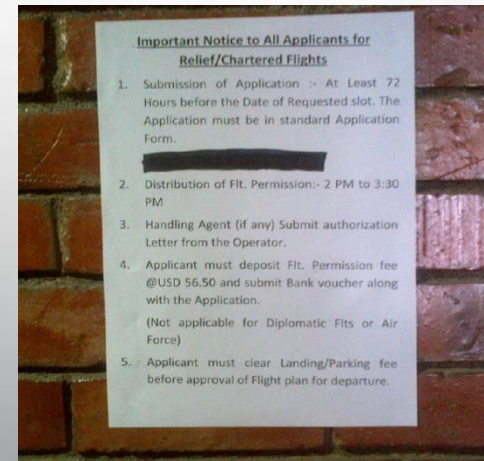
## Other contributions

- Production and delivery of Geo products
  - Geo Tech also provided education/training on map use to NGOs.
- Enabled surgical capability of Orthopedic hospital through provision of S6 shelter.
- CIMIC provided assessments to the International Office of Migration (IOM) and UNOCHA.
- CIMIC Facilitated information aid through the provision of public radio communications.



# My experience

- Landing in Kathmandu







# My experience

- 12 May: 2<sup>nd</sup> Earthquake 7.4M



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Warning: This structure has been seriously damaged and is unsafe. Do not enter. Entry may result in death or injury.

Comments: heavy failure to ground floor columns

Date: 26 May 2015  
Time: 3:45 PM  
This facility was inspected under emergency conditions for:

(Jurisdiction)  
on the date and time noted.

Facility Name and address:  
The Everest Hotel  
New Baneswari Kathmandu

Inspector ID/Agency: [Signature]  
Government of Nepal  
Ministry of Culture, Tourism and Civil Aviation  
Department of Tourism

Do not remove this placard until Authorized by Governing Authority



# Questions