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1974 NDA

1988 Fletcher School of Law and Diplomacy

1992 Olin Fellow, Harvard University

Army Aviator GSO, JSO, MOFA GSDF R&D Command

December 2008 Retired

April 2009 NDA

[Military History, Strategy]

March-September 2011

Special Advisor to the Cabinet

April 2015 IUJ/SPF

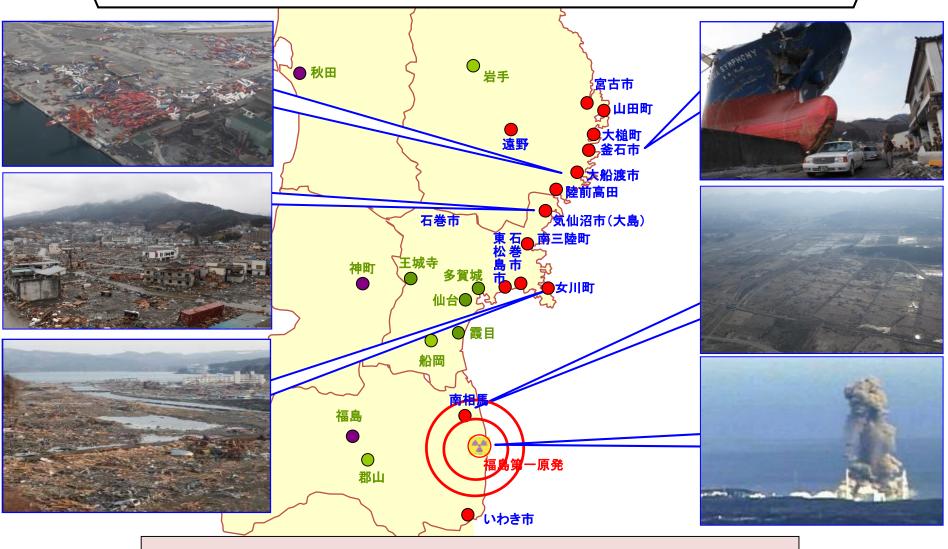


Special Advisor to the Cabinet (Crisis Management) 20 March 2011



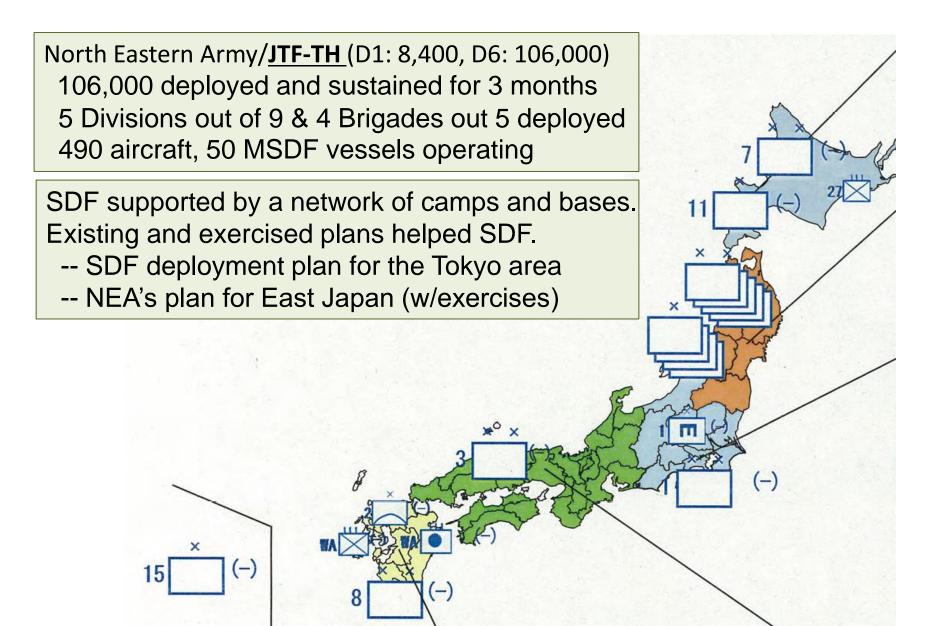
Secure fuel for engine generator (mobile stations)

M 9.0, 38m high Tsunami on 3/11

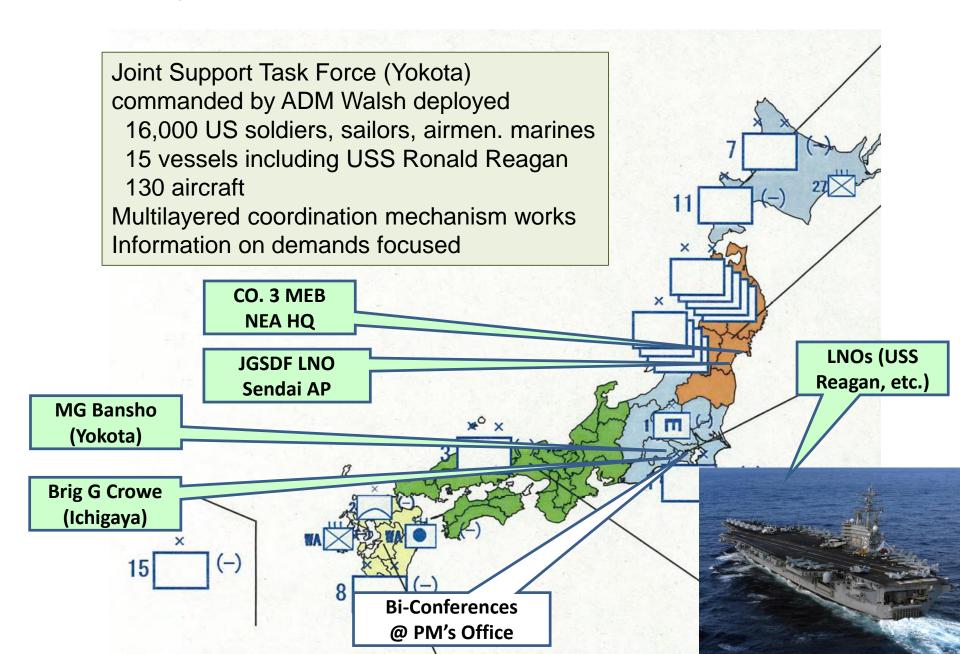


- O Extremely wide area affected
- O Tsunami, Earthquake, Nuclear Reactor Accident
- O Local governments (literally) lost capabilities

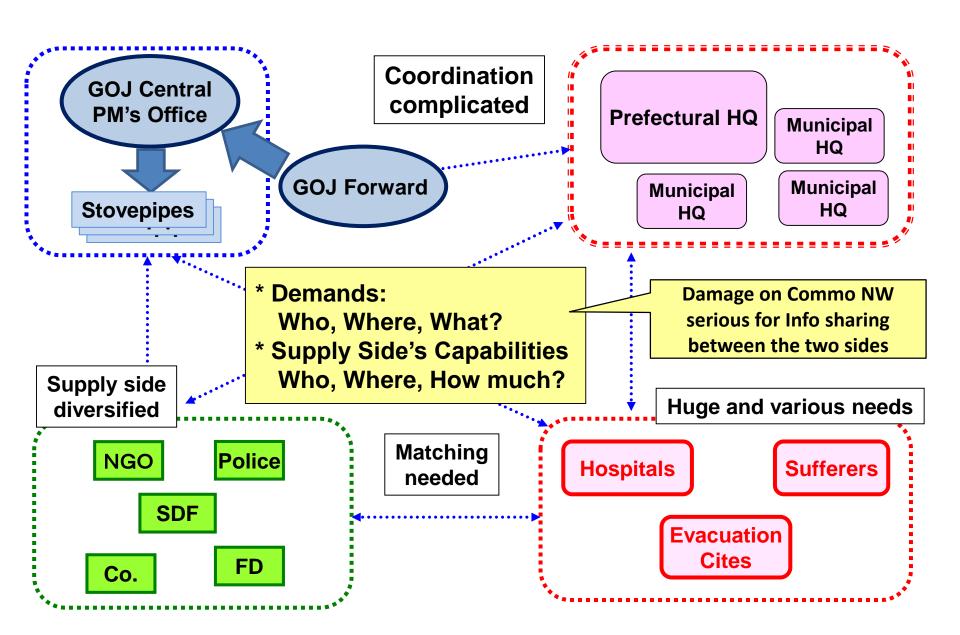
An Overview: SDF OPS



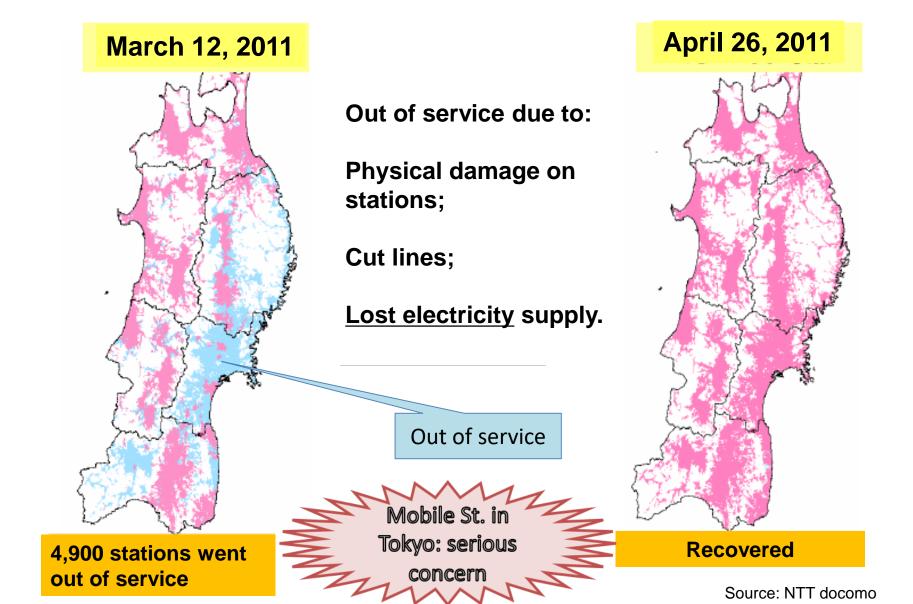
Multi-layered Bilateral Coordination for OPS Tomodachi



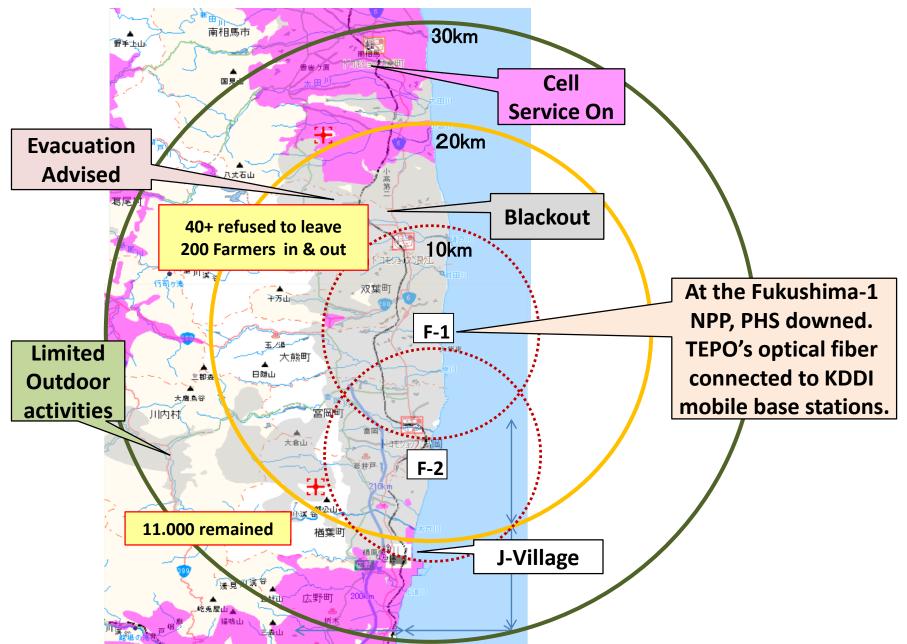
Information Sharing for HA/DR



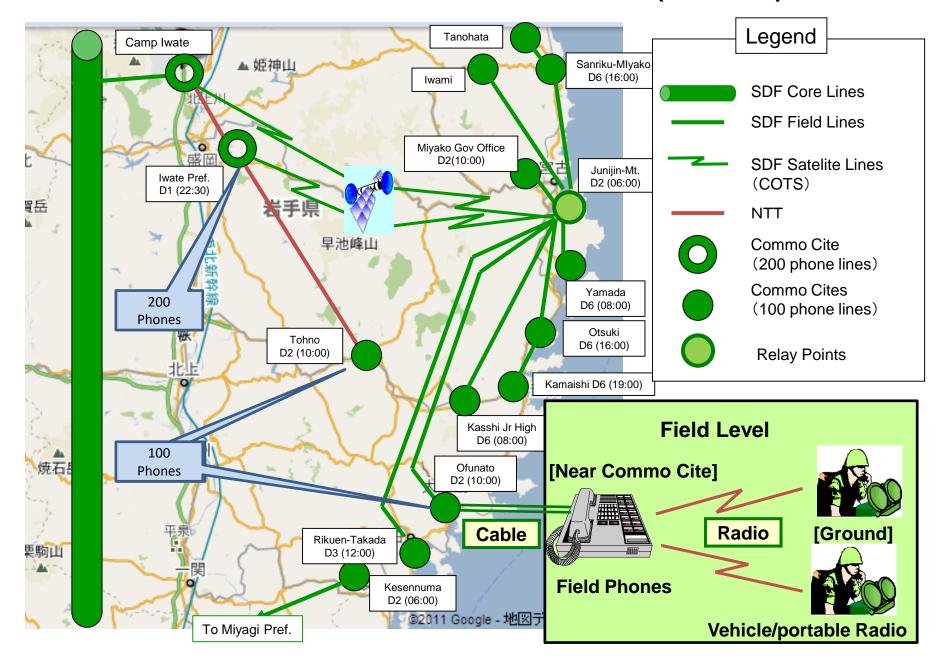
Damage on Communication/Information Infrastructure



Communication Infrastructure around F-1: April 1



SDF Field Communication Infrastructure (Utilized?)



Command and Control at PM, DM & CSJS Levels

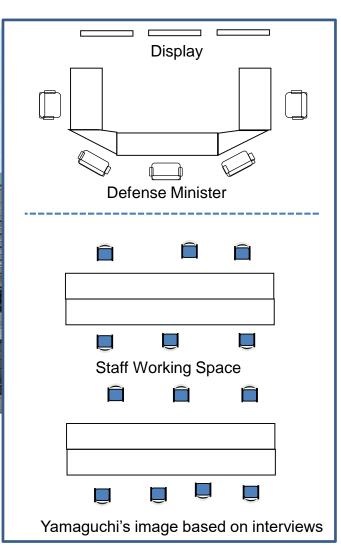


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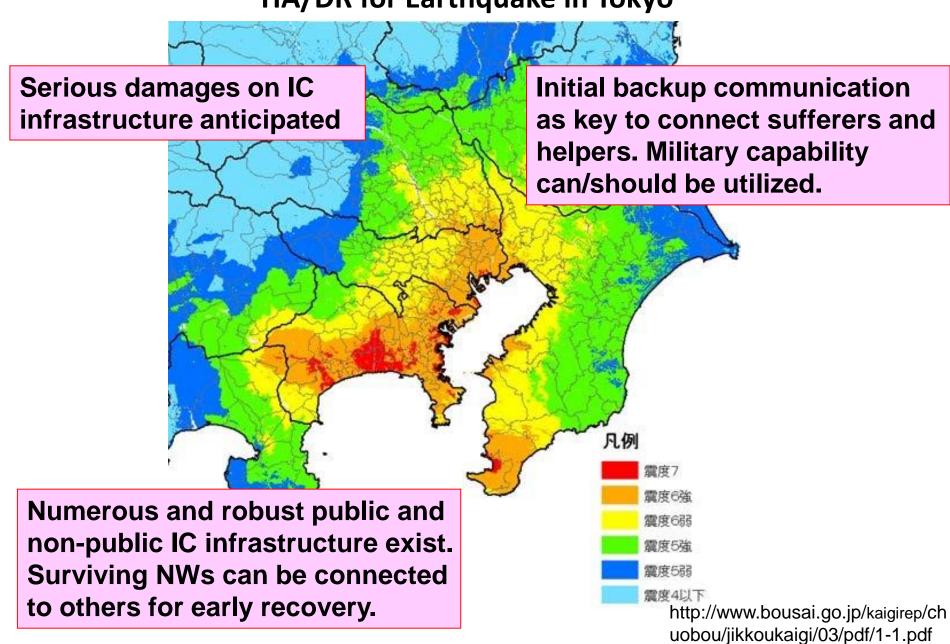
Decision makers' interests differ (time, position)

Chief of Staff, Joint Staff: Central Command Center

Defense Minister: Ad hoc Situation Room Prime Minister: PM's Official Residence



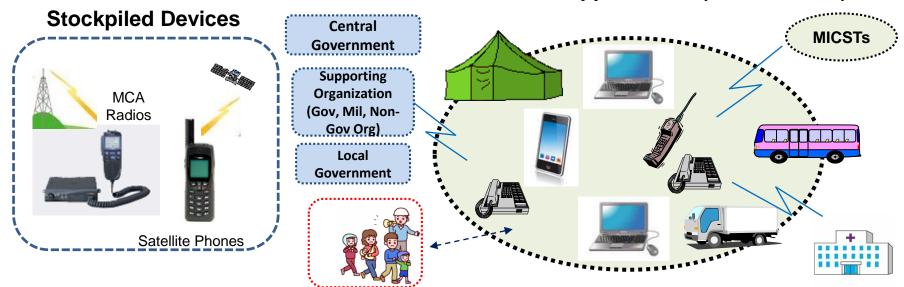
Communication Infrastructure in the Tokyo Area: HA/DR for Earthquake in Tokyo



Lessons Learned on Emergency Communication Information Service

- 1. Restructuring surviving networks (TEPCO-KDDI)
 - * Utilizing resilient networks for public needs (including military commo)
- 2. Stockpile and distribution of communication devices
 - * Satellite phones, soft-ware radios, MCA radios, iPad etc.
 - * Emergency distribution (ex. HELO)
 - * Training Government and Non-Government personnel
- 3. Info/Com service by Mobile Info/Com Support Teams (NGOs?)
 - * To gather, process, distribute information
 - * Self-reliant with transportation, shelters, food, other supplies, etc..

Mobile Info/Com Support Team (5-10 Persons)



Additional Concluding Thoughts

- Information service is as critical as food, water, medicine and accommodation for sufferers.
- Communication infrastructure remains key for sufferers and helpers. For this, various measures including primitive ones such as walky-talky and messengers (sneaker-net) may help.
- As every disaster is local and unique, various types of civilmilitary coordination mechanisms should be considered. For example, military plugged in to civil organizations after 3/11, 2011 while most of assisting organizations plugged in to III MEF's C4ISR after Tsunami in Sumatra in 2004.