

Ganbarou! TOHOKU

Response of Tohoku Regional Bureau, MLIT, to the Great East Japan Earthquake



March 14, 2012

Tohoku Regional Bureau of Ministry of Land, Infrastructure, Transport and Tourism (MLIT)

Director-General of Planning De-partment

Helicopter "Michinoku" of TRB took off

Helicopter "Michinoku" of TRB took off from Sendai Airport for disaster investigation.

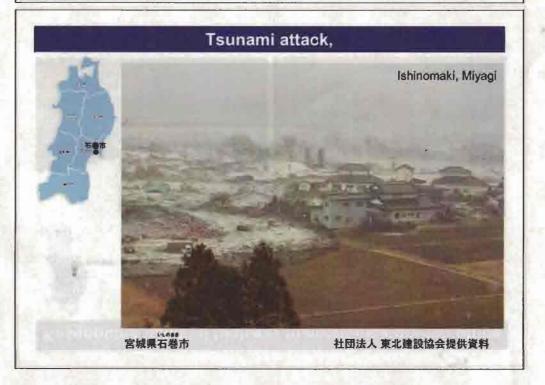


▲東北地方整備局の専用へリ 「みちのく号」

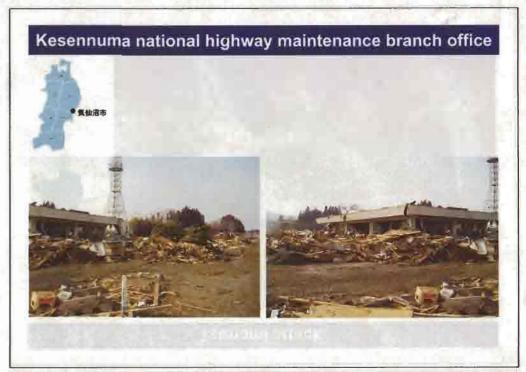




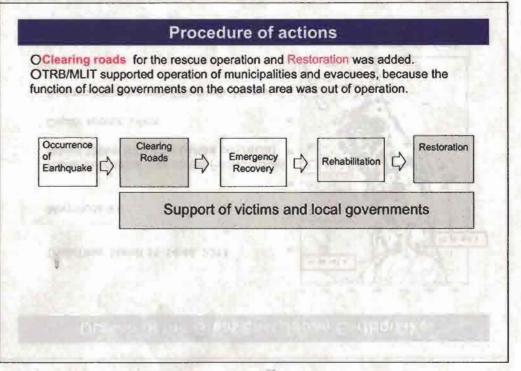
Outline of the Great East Japan Earthquake Date/Tmie: March 11 14:46, 2011 14:46 M9.1 Magnitude:9.0 Place: the coastal area on the Pacific Ocean (about 130km ESE from Oshika peninsula) Depth: approx. 24km Seismic Intensity: max 7(Kurihara, Miyagi) http://www.aob.geophys.tohoku.ac.jp/info/topics/20110311_news/index_html

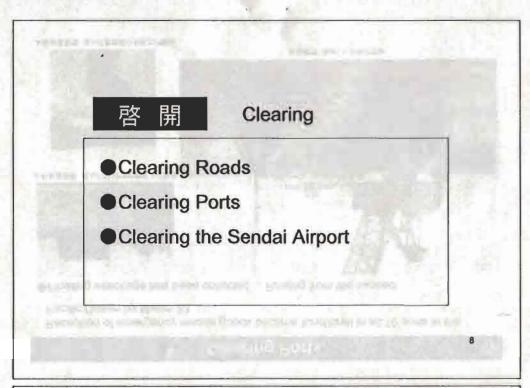


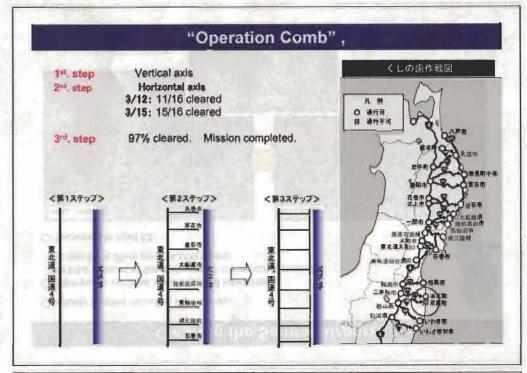






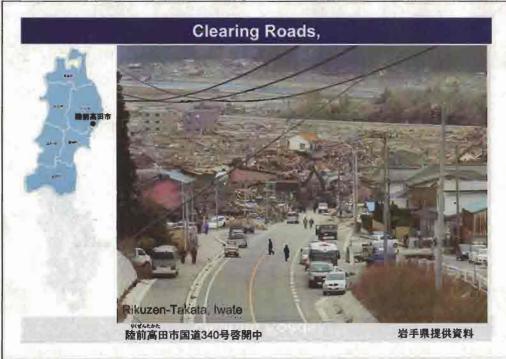


















Clearing land route, sea route, air route

Oland route

"Operation Comb" was complete in one week with the cooperation of the local construction companies (52 teams

in all) based on the disaster agreement.

3/15: 15/16 cleared

Osea route

Reception of emergency rescue goods became functional

in all 10 ports in the Pacific Ocean by March 23.

Oair route

·Drain-pump trucks were intensively deployed for

"restoration of Sendai Airport".

Emergency Recovery, roads Kesen Bridge Rikuzen-Taketa, Iwate ・津波により橋梁上部工が流出(岩手県陸前高田市気仙大橋)

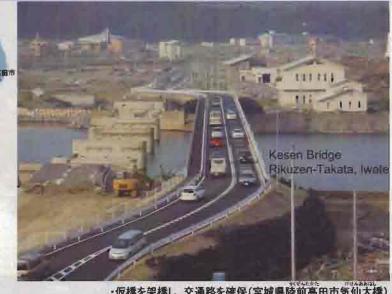
Emergency Recovery, Emergency Rehabilitation

· 1980年 - 1985年 - 198

- Emergency Recovery, roads
- Emergency Rehabilitation, river and coast

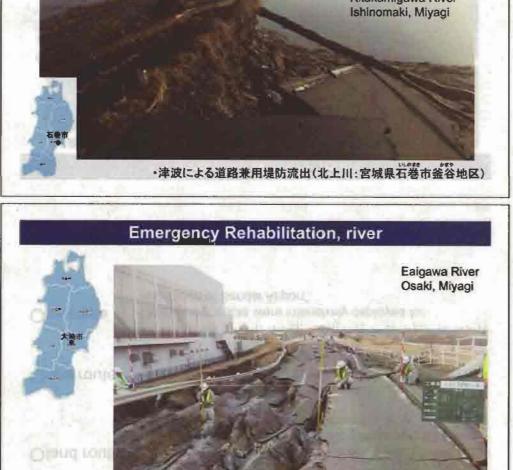
Emergency Recovery, roads

Entergancy Reholy Italian dyel

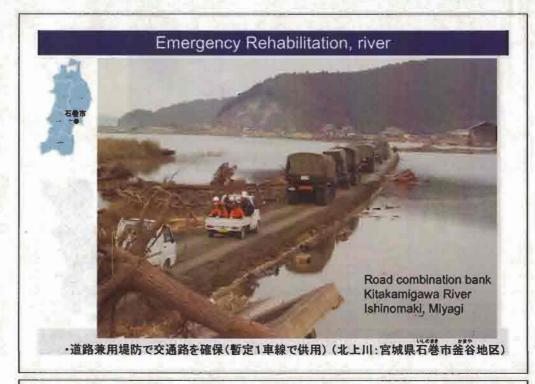


・仮橋を架橋し、交通路を確保(宮城県陸前高田市気仙大橋)





・江合川の緊急復旧状況(宮城県大崎市福沼地先)









Emergency Rehabilitation, coast

Support of local governments and victims

Coastal local governments suffered a great deal of havoc

1. TEC-FORCE

Technical Emergency Control Force: experts from other bureaus

- 2. Disaster recovery machines
- 3. Liaisons
- 4. gather rescue goods

TEC-FORCE

OMarch 12 8 persons' advance team arrived from other bureaus.

OMarch 13 about 200 people joined the damage-inspection teams from outside of the TRB



▲先遺隊への東 北地整による状 沢説明(3/12) 海土技術界理点研究系 (40)土年時代 (40)土年時代 (13)海里等共和 (13)海



▲TEC-FORCE出随式(3/13)

近畿地方整備局TEC-FORC

▲各地方整備局等の TEC-FORCE派遣状況 (3/16時点)

Disaster recovery machines

The 192 machines such as drain-pump truck, lighting car, vehicle to accommodate reaction HQ, standby support car, satellite communication car, and Ku-SAT (satellite communication system) had been disposed to 3 prefectural and 27 local governments at peak on April 15 by the support of the regional development bureaus from all over the country. Those machines were utilized for in various restoration activities.









▲各地方整備局の災害対策機械 の派遣状況(4月15日)

■排水ポンプ車(30m3/min級)





Gathering & distributing rescue goods



Minamisanriku Temporary City Hall



A tent



Temporary lavatory



Daily Commodities

Liaisons

OTRB's staffs were dispatched to 4 prefectural and 31 local governments and the Self-Defense Forces as Liaisons. 96 Liaisons were dispatched at peak on March 23 (3,916 mandays since immediately after earthquake occurrence to June 30 in total). O They were equipped with satellite telephones. Consequently, they secured the

communication system of local governments immediately. OThey collected the necessary information and took accordance with the local governments request.



▲釜石市クリーンセンターの電源確保に 向けた調査結果を釜石市長へ報告 (九州地方整備局リエゾン)



▲タンク撤去のために現地で調整する国交省リエゾン(岩手河国)

Gathering & distributing rescue goods

OProcurement status on demand as of March 31 is as follows.

- Number of articles procured on demand:

218 articles

- Procurement percentage against demand (article base):

91%

- Average days from demand to supply:

3 days

品目	総数量		襲望 件数	調連済 件数
仮設ハウス	300	楝	12	8
カーペット	1,951	m2	2	0
断熱材	6,990	m2	2	0
仮設トイレ	1,039	基	- 11	- 11
テント	576	張	7	4
埋葬箱	100	本	1	1
収納袋	883	袋	2	2
ガソリン	11,000	L	4	2
軽油	36,740	L	17	17
灯油	56,400	L	8	8
発動発電機	95	基	9	9
バッケホウ	6	台	2	2
水-茶	31,900	本	8	8
日用品·食料品等	1	式	22	22
生理用ナプキン	300	個	- 1	1
おむつ(子供用、大人用)	500	個	- 1	1
S.F.A.	300	組	- 1	1

4.47	
合計	218 198
CIAI	1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

