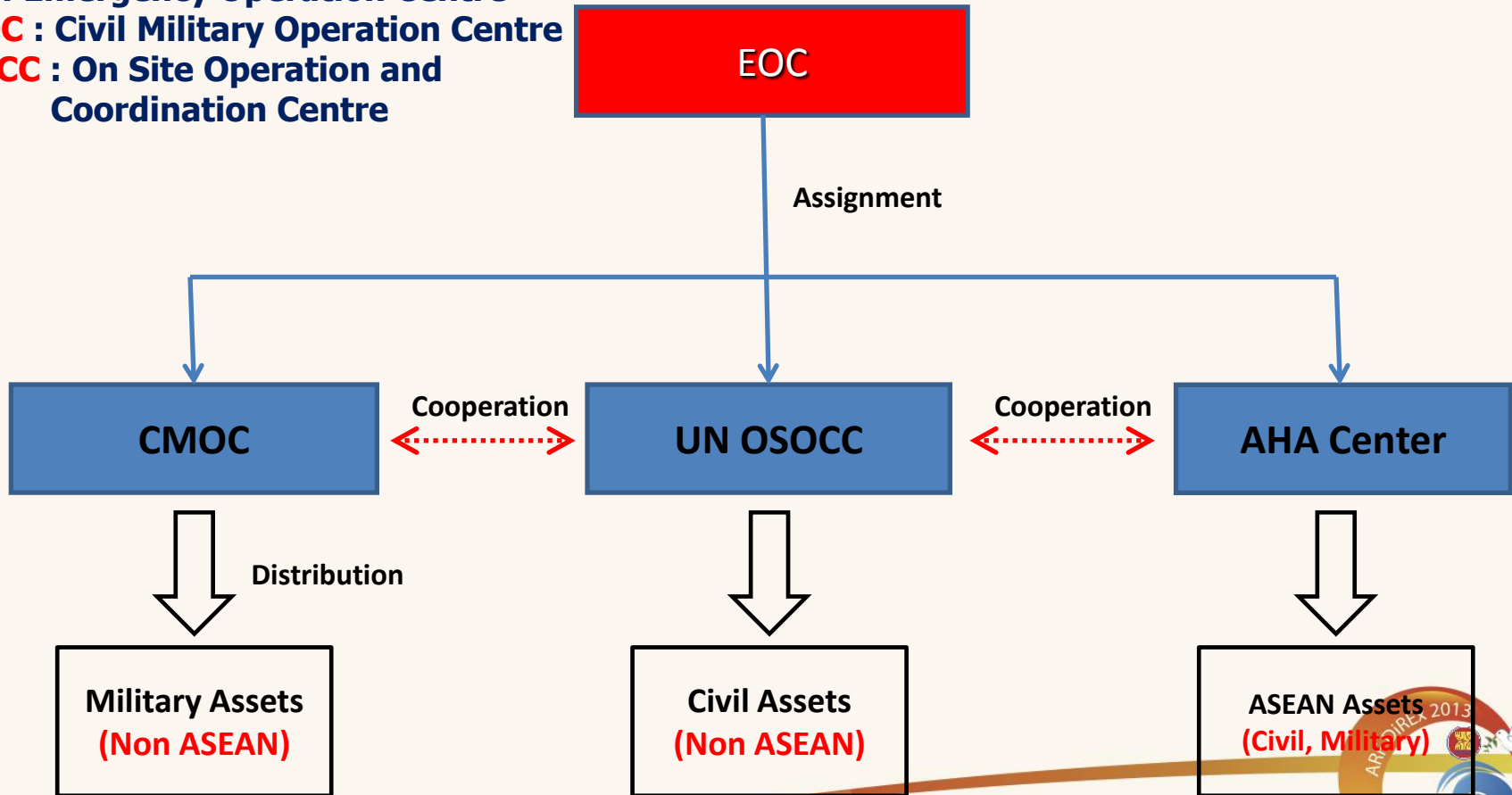


[FTX Division]
FINAL PLANNING
C O N F E R E N C E



FTX Operation System

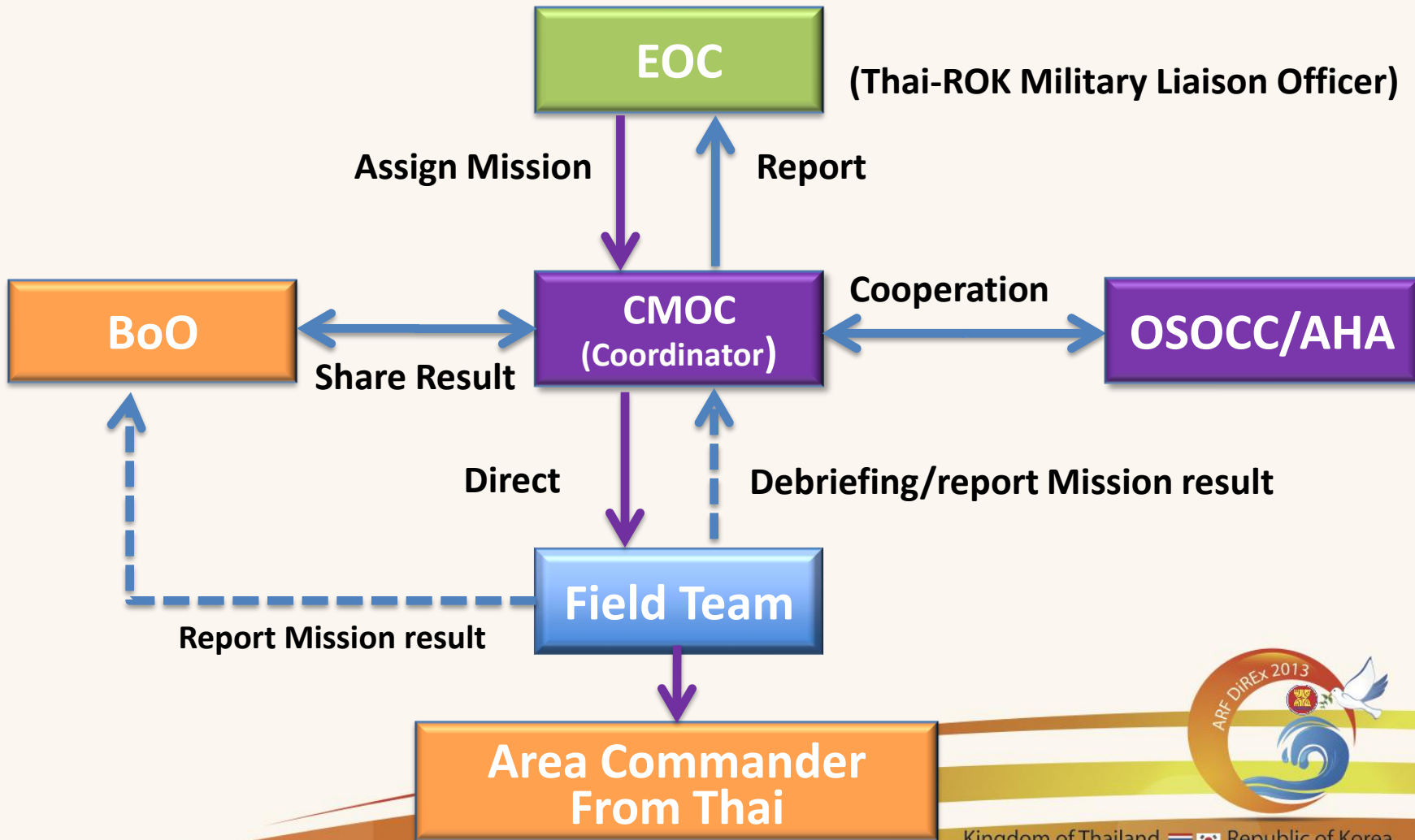
EOC : Emergency Operation Centre
CMOC : Civil Military Operation Centre
OSOCC : On Site Operation and Coordination Centre



Kingdom of Thailand   Republic of Korea

***CMOC, OSOCC, AHA Will Be Located in Rama 6, EOC**

Operation Procedure



Main Command & Coordination Bodies








	ROLE	COMPOSITON
EOC	Disaster Management Authority of Thailand	Thai Government
AHA Center	Support EOC Coordinating : ASEAN Assets <ASEAN Civ-Mil Assets>	ASEAN, AHA Center Staff, ERAT
OSOCC	Support EOC Coordinating : Other Assets <Non ASEAN Civil Assets>	UNDAC Team, USAR Team, NGOs, UN CMCoord, ETC
Civil Military Operations Centre	Support EOC Coordinating : OSOCC <Non ASEAN Military Assets>	Military Liaison Officer



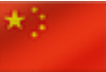





FTX Participating Countries & Int'l Orgs.

No	Country
1	Kingdom of Thailand
2	Republic of Korea
3	Australia
4	Brunei
5	China
6	EU(Austria, Belgium, Luxembourg)
7	Indonesia
8	Japan
9	Malaysia
10	Philippine
11	Singapore
12	USA
13	AHA Center
14	IFRC (Thai/ROK/Japanese Red Cross, ICRC)
15	UNOCHA






Asset from Participating countries (tentative)

COUNTRY		ASSETS	FTX						
			Building	Chemical	Maritime	Medical	Air	Rock	Coordination
Thailand			48	30	265	245	20	132	
ROK		2 xC-130/2 xCN-235 SAR Equipment Field Hospital	23	27	21	26	62		
Australia									1 EOC 3 CMOC
EU			EU(Austria, Belgium, Luxembourg)						
Austria		USAR Equipment	24					24	1 OSOCC
Belgium		USAR Equipment	36			2~3 (TBD)		18	1 OSOCC
Brunei		1 xCN-235	2	5		10			3 EOC 3 AHA

Asset from Participating countries *(tentative)*

COUNTRY		ASSETS	FTX						Coordination
			Building	Chemical	Maritime	Medical	Air	Rock	
China				10					1 CMOC 3 EOC
Japan		1x Medical Post 1x KC-767(transport only)						9	2 CMOC 1 OSOCC
Indonesia			4	1	3	3			1 EOC
Luxembourg		Satellite Communication Team(2 people) support FTX							
Malaysia		USAR equipment 1 xC-130 (transport only)	25	15					2 CMOC 2 EOC
Singapore		1 xC-130	14				15	14	1 CMOC 1 EOC 1 AHA

Asset from Participating countries *(tentative)*

COUNTRY		ASSETS	FTX						Coordination
			Building	Chemical	Maritime	Medical	Air	Rock	
Philippine						7~10			1 AHA 1 OSOCC 1 CMOC 2 EOC
USA		1 xPGST 3 x Zodiac boats	8		8	6	5		2 EOC 1 CMOC
AHA Center			AHA Center						15
UNOCHA			OSOCC						15
IFRC			Supporting Evacuation Camp (IFRC : Thai/ROK Red Cross, ICRC)						

Grouping (Building collapse)

8th May

Group A(28)	Group B(33)	Group C(29)	Group D(52)
Belgium(18)	USA(8)	ROK(23)	Singapore(14)
Thai(10)	Malaysia(25)	Indonesia(4) Brunei(2) Brunei Med.(10)	Thai(38)

9th May

Group A(49)	Group B(26)	Group C(37)	Group D(52)
Austria(24)	Belgium(18)	ROK(23)	USA(8)
Malaysia(25)	Indonesia(4)	Thai(10) Brunei Med.(10)	Thai(38)



Grouping(Chemical Leakage)

Group A(47)	Group B(41)
ROK(27), Malaysia(15) , Brunei(5)	Thai(30), China(10), Indonesia(1)
8th May	9th May

Grouping(Rock Slide)

Austria, Japan Med., Thai	Singapore, Belgium, Japan Med.
8th May	9th May



Principle of Operation

- Executing scenarios & exercise will be dependent on the size of participants
- One group, One time
- If there are many participants, the expansion of scenarios will be considered.



Operation Plan *(Exercises/subject to change)*

Exercise Type	May 8		May 9	
	09:00~14:00	14:00~20:00	09:00~12:30	12:30~16:00
Building Collapse	Group A (Group A&B)	Group B (Group C&D)	Group C (Group C&D)	Group D (Group A&B)
Chemical Leakage	Group A		Group B	
Rock Slide	Thai, Austria, Japan Med.		Singapore, Belgium, Japan Med.	

Exercise should be done (at least) one hour earlier than schedule for loading

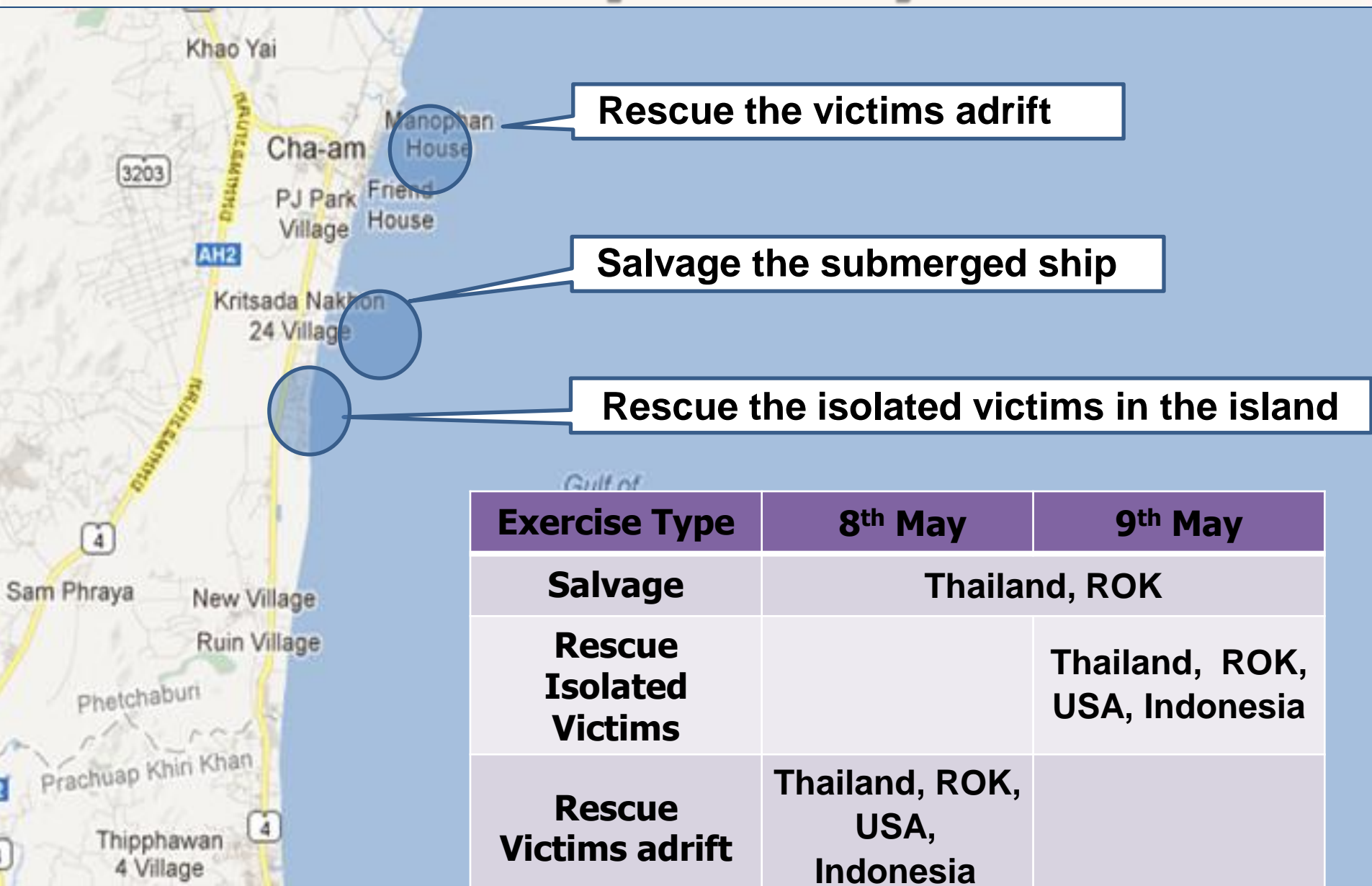


[FTX Division Maritime]
FINAL PLANNING
C O N F E R E N C E [2013.04.03(Wed)]

LCDR Kang Ki
Young
ROK NAVY

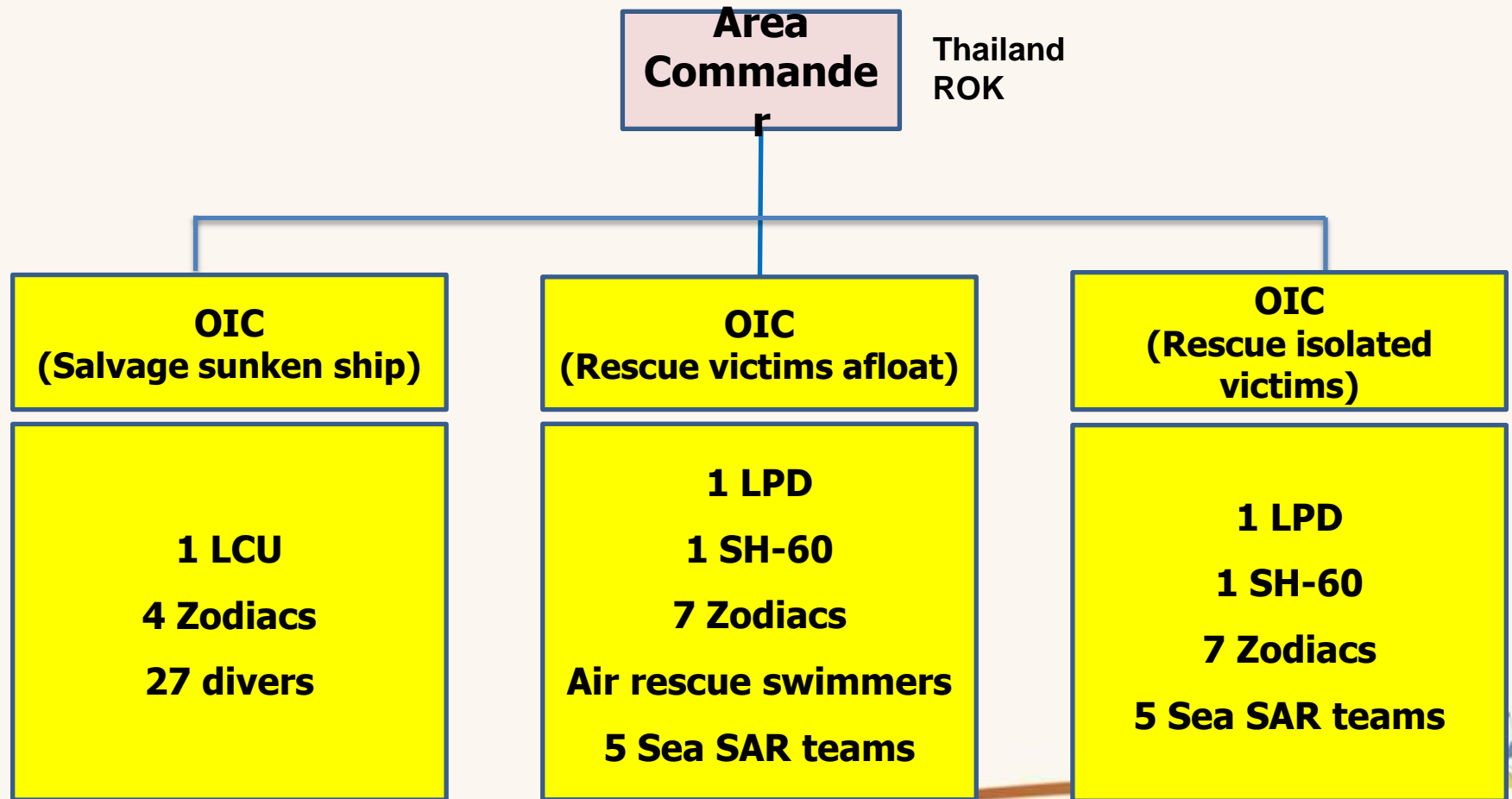


FTX Scenarios [Maritime]



Exercise Type	8 th May	9 th May
Salvage	Thailand, ROK	
Rescue Isolated Victims		Thailand, ROK, USA, Indonesia
Rescue Victims adrift	Thailand, ROK, USA, Indonesia	

Command & Coordination Structure



* OIC : Officer In Charge

Salvage the submerged ship

DATE	TIME	EVENT
8th May	09:00 ~ 10:30	Search operation / Thailand
	10:30 ~ 12:00	Search operation / ROK
	13:00 ~ 14:00	TL meeting
	14:00 ~ 15:00	Underwater survey / Thailand
	15:00 ~ 16:00	Underwater survey / ROK
9th May	09:00 ~ 12:00	Salvage operation / Thailand
	13:00 ~ 16:00	Salvage operation / ROK
	16:00 ~ 17:00	Recovery all underwater objects on the LCU

Rescue the victims adrift

DATE	TIME	EVENT
8th May	14:00 ~ 14:20	Air Rescue / ROKAF, ROK 119
	14:20 ~ 15:00	Surface rescue - Thailand, ROK, USA, Indonesia
	14:40 ~ 15:00	Air Rescue / RTN, ROKN

Rescue the Isolated victims adrift

DATE	TIME	EVENT
9th May	14:00 ~ 14:30	Arrival, Survey
	14:30 ~ 15:00	Evacuation(Island → LPD)
	15:00 ~ 15:30	Triage
	15:30 ~ 16:00	MEDEVAC(LPD → Field Hospital)

Safety Consideration

- 1. Exercise can only be conducted with weather condition less than 1.5m wave height.**
- 2. If any accident occurs, all maritime exercise will be stopped.**
- 3. Assets coming to the maritime area, contact the area commander for safety.**

Notification

- 1. 2 zodiacs will stand by on the shore for transportation**
- 2. All maritime exercises will be broadcasted simultaneously to EOC. (Any site with internet connection can stream live image of the site)**



[FTX Division _ Air Operation]
FINAL PLANNING
C O N F E R E N C E [2013.04.03(wed)]



AIR MISSIONS

- Aerial Reconnaissance : 6 SORTIS
- Maritime SAR : 2 SORTIS
- Airdrop to isolated areas : 3 SORTIS
- Medical Evacuation : 3 SORTIS
- Air Lift : 6 SORTIS
- Flare Drop for Night SAR : 1 SORTIS
- FLY-BY for closing Ceremony : 10 SORTIS
- FAM flight : 1 SORTIS



AIR ASSETS

COUNTRY	PARTICIPANT ASSETS	TRAINING ITEM
THAILAND	1 X C-130	FLY-BY, LOGISTIC SUPPORT
	1 X SH-60	FLY-BY, SAR
	1 X UH-1H	AERIAL RECONNAISSANCE FLY-BY, SAR
	1 X B-412	FLY-BY, SAR
	UAV	AERIAL RECONNAISSANCE
	POTABLE RADIO	EOC TO AIRCRAFT
	Hua-Hin Airport	ATC&WX SUPPORT
KOREA	2 X C-130	FLY-BY AIR MEDEVAC
	2X CN-235	FLY-BY, FAM FLIGHT AERIAL RECONNAISSANCE AIR DROP, FLARE DROP
	POTABLE RADIO	DZ CONTROL, ATC&WX SUPPORT(ONLY AIR DROP)
SINGAPORE	1 X C-130	AERIAL RECONNAISSANCE FLY-BY, AIR LIFT
BRUNEI	1X CN-235	FLY-BY , AIR LIFT(SIMULATED)

EVENT SCHEDULE

ITEMS	7 TH		8 TH		9 TH		10 TH	
	AM	PM	AM	PM	AM	PM	AM	PM
AIR COMMAND POST		■	■	■	■	■	■	■
ATC&WX SUPPORT		■	■	■	■	■	■	■
AERIAL RECONNAISSANCE			■		■			
SAR(LAND /SEA)				■				
AIR DROP			■			■		
MED EVAC				■		■		
AIRLIFT(LOGsupport/Air Transport)				■	■	■	■	
FLARE DROP				■				
DEMO(FLY BY)							■	
FAM FLIGHT(LCL FLIGHT)		■						



EVENT SCHEDULE (7TH MAY)

ITEMS	COUNTRY	ASSET	NO	LCL TIME											NOTE			
				8	9	10	11	12	13	14	15	16	17	18				
MASS BRIEF	AIR ASSET	ALL	-															HUA-HIN

- VENUE : 1ST FLOOR BRIFING ROOM IN HUA-HIN AIRPORT
- PARTICIPATE : AT LEAST 1 PERSON OF AIR ASSETS



EVENT SCHEDULE (8TH MAY)

ITEMS	COUNTRY	ASSET	NO	LCL TIME											NOTE		
				8	9	10	11	12	13	14	15	16	17	18			
AERIAL RECONNAISSANCE	KOREA	C-130	1														SECTOR 1,2
	THAILAND	C-130	1														SECTOR 1,2
	THAILAND	UAV	1														SECTOR 1,2
SAR(LAND/SEA)	THAILAND	UH-1H	1														'B' AREA
	THAILAND	SH-60	1														'D2' AREA
AIR DROP	THAILAND	B-412	1														SITE 'A'
AIRLIFT	THAILAND	SH-60	1														'D2' AREA → EOC
	KOREA	C-130	1														
	SINGAPORE	C-130	1														ANY PARTICIPATE CAN RIDE



EVENT SCHEDULE (9TH MAY)

ITEMS	COUNTRY	ASSET	NO	LCL TIME											NOTE		
				8	9	10	11	12	13	14	15	16	17	18			
AERIAL RECONNAISSANCE	KOREA	CN-235	1								■						SECTOR 1,2
	SINGAPORE	C-130	1			■	■										SECTOR 1,2
	THAILAND	UAV	1					■	■								SECTOR 1,2
AIR DROP	KOREA	CN-235	1									■					'D' AREA
	THAILAND	B-412	1				■										SITE 'D'
MED EVAC	THAILAND	UH-1H	1	■													SITE 'B' → AIRPORT
	THAILAND	SH-60	1	■									■				LPD(SHIP) → EOC
	KOREA	C-130	1		■												GROUND TAXI
AIRLIFT	KOREA	C-130	1		■												



EVENT SCHEDULE (10TH MAY)

ITEMS	COUNTRY	ASSET	N O	LCL TIME							NOTE			
				8	9	10	11	12	13	14		15		
DEMO (FLY - BY)	THAILAND	SH-60	1											LEAD THE FORMATION
	THAILAND	UH-1H	1											MAKE TRIANGLE FORMATION
	THAILAND	B-412	1											MAKE TRIANGLE FORMATION
	THAILAND	C-130	1											
	KOREA	CN-235	2											
	KOREA	C-130	2											
	SINGAPORE	C-130	1											
	BRUNEI	CN-235	1											



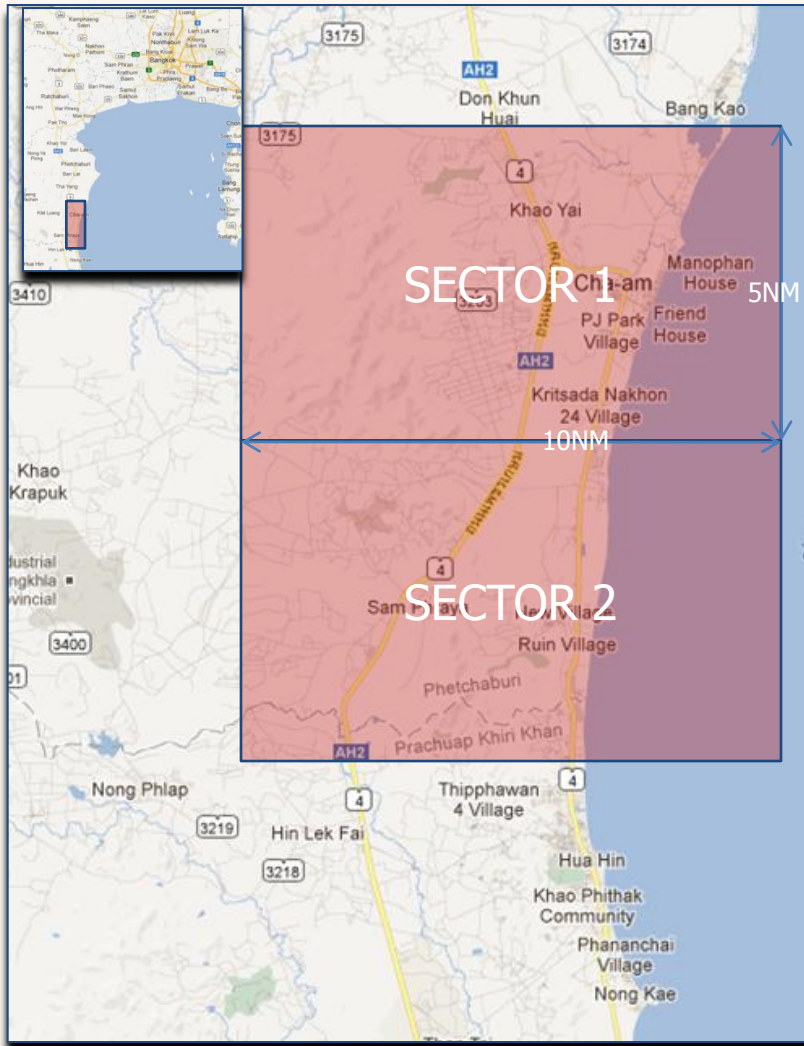
Air operation (FLY-BY)

COUNTRY	ASSET	N O	SEC							Holding Altitude	Holding Point	Pass ALT	Pass Kts
			0 0	1 0	2 0	3 0	4 0	5 0	6 0				
THAILAND	UH-1H	1								1000FT	HP1 H	300FT	90KTS
THAILAND	B-412	1								2000FT	HP1 L	300FT	90KTS
THAILAND	SH-60	1								1000FT	HP1L	300FT	90KTS
BRUNEI	CN-235	1								1000FT	HP2 L	500FT	150KTS
KOREA	CN-235	1								2000FT	HP2 M	500FT	150KTS
KOREA	CN-235	1								3000FT	HP2 H	500FT	150KTS
THAILAND	C-130	1								1000FT	HP3 L	500FT	150KTS
SINGAPORE	C-130	1								2000FT	HP3 M	500FT	150KTS
KOREA	C-130	1								3000FT	HP3 H	500FT	150KTS
KOREA	C-130	1								4000FT	HP3 H	500FT	150KTS

CALL SIGN	FRQENCE	RADIO NAVIGATION AID
HUA HIN TWR	VHF 122.7	VOR-DME : 080X 111.3
ATIS		



Air operation (Aerial Reconnaissance)



COUNTRY	ASSETS	AREA
KOREA	1 X CN-235	SECTOR 1,2
	1 X C-130	SECTOR 1,2
THAILAND	1 X C-130	SECTOR 1,2
	1 X UH-1H	SECTOR 1
	1 X UAV	SECTOR 1,2
SINGAPORE	1 X C-130	SECTOR 1,2

- Searching the Cha-am area 10 x 5 NM)
- Keep above AGL 500ft
- Follow the instructions from Hua-hin tower
- Report the result to EOC
- UAV will be operation below 500FT
- Every evening meeting



FLYING OPERATIONS

- Deconfliction around FTX area

Traffic Pattern

Entry point : 10NM CIRCLE

Pattern Altitude

Fixed Wing : 1500ftMSL

Rotary Wing : 1000ftMSL

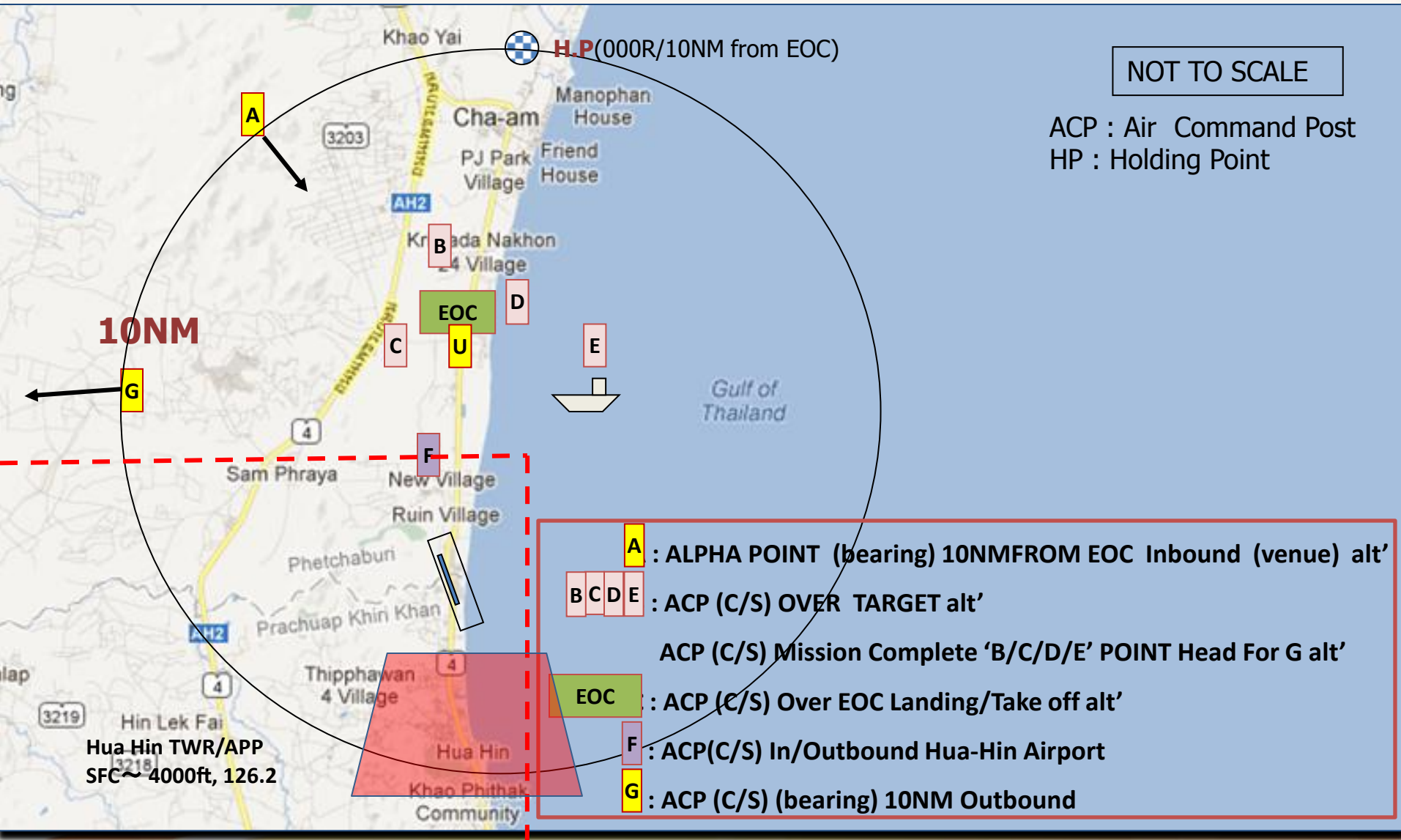
Frequencies : As shown on the next slide

Position reporting : As shown on the next slide

- Operations at Helispots : contact to ACP before use
- ATC&WX Info : Provided by Thailand(Hua-Hin airport)



REPORTING PROCEDURE



Restrictions

- WX : Up to each Country but greater than
Visibility : 4000m
Ceiling : 1500ft
- Min Altitude **500ftAGL** (except for Helos operation)
- Restriction area Hua-Hin tower
- Position reporting : in/out bound the mission area, target...



**[FTX Division _ MEDICAL]
FINAL PLANNING
C O N F E R E N C E**



Medical Asset

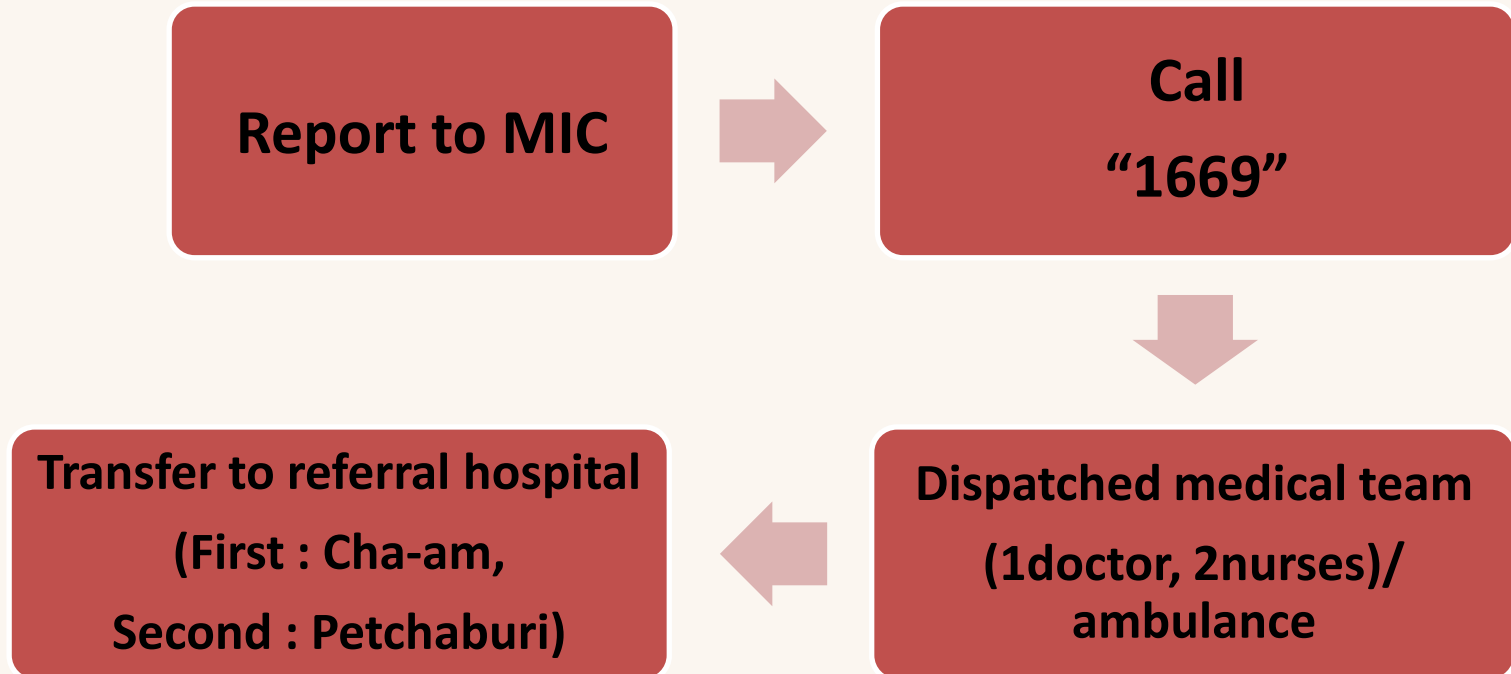
Country	Total	Specific information	Preferred Exercise Site
Thailand	32 teams	27 Doctors, 66 Nurses, 80 EMTs, 72 ETC * It will be changed the number of medical team and member.	Every Exercise Site
ROK	1 team with SAR 1 team with Field hospital	1 team with SAR(2 doctors, 2 nurses, 2 officers) 1 team with field hospital(3 doctors, 5 nurses, 10 officers)	Building Collapse Chemical leakage Field hospital(FTX) HCA
Indonesia	1 team	2 Doctors, 1 Nurse	ROK Field hospital(FTX)
Philippines	1 team	3 Doctors, 2 Nurses(Military), * It will be increased up to 9 people.	ROK and Thai Field hospital(FTX)
Brunei	1 team	1 Doctor, 9 Paramedics	Building Collapse, Chemical leakage
Austria	1 team With SAR	1 Doctor, 2 Nurses, 10 EMTs	Building Collapse, Rock slide

Medical Asset

Country	Total	Specific information	Preferred Exercise Site
Belgium	1 team With SAR	1 General Doctor for SAR member, 1 Doctor and 4 Nurses for victim	Building Collapse Rock slided
USA	1 team	2 Doctors, 2 Nurses,	ROK and Thai Filed Hopital(FTX)
Japan	1 team	2 Doctors, 2 Nurses, 3 EMTs, 1 Pharmacist, 1 Coordinator, Medical Post*1	Rock silded
Vietnam	1 observer	1 Doctor	
Cambodia	2 observers		
Laos	2 observers	2 Doctors	

Real Emergency Plan

- *Call '1669'*



- *"1669" is available all except the "DTAC". ("DTAC" is under construction)*

Real Emergency Plan

- ***All treatment for participants in exercise site will be provided free of charge***
- ***Ambulances from exercise site to referral hospital will be also provided free of charge***
- ***Participants can pay in referral hospital by credit card***
- ***Insurance is each participant's responsibility***



Notice

■ **Medicine**

- *All medicines for HCA will be provided by Thailand*
- *All medicines for FTX will be charged on each participating countries*
- *Submit the list of medicines until 22 on April*
- *You can take the medicines on 7 May afternoon at EOC*

Submission : Department of ASEAN Affairs

MFA-THAILAND

Tel: +66 (0) 2203 5000 x 14333

Fax: +66 (0) 2643 5226

Email: arfdirex2013@gmail.com



Notice

- **Health protection information will be added in the administrative arrangement and medical operating manual**
- **Pre - deployment briefing will be held on 7 May.**

(Time and venue will be informed by email and website(www.arfdirex2013.org))



Notice

▪ Contact points

Country	Name	E-mail
Thailand	Wasana Taosuwan	wasana.t@gmail.com
	Issaree Taesongkroh	issaree7@gmail.com
ROK	Hanna Lee	hanna.lee@nmc.or.kr



[FTX Division _ Logistics]
FINAL PLANNING
C O N F E R E N C E



Logistics Rules for Camping and FTX

- **Meals are Each Country's Own Responsibility**
- **Limited Number of Tent will be provided to Camping Countries due to the 'First come, First serve' Rule**
- **Bottled Water/Water for Hygiene will be provided**
- **Electricity will be provided for Camping Area**
 - Bring Your Extension Cords
 - For FTX, Bring Your Own Generator
- **Fuel for FTX**
 - Information of how to buy fuel will be provided in the due course



Address of EOC/Logistics Center

- **POC for FTX Logistics : Col. Visit Vongchun**

- Phone : (+66) 81 823 3597,
- Email : visita11111@hotmail.com

- **Address**

Pra Ram Six (Rama 6 Camp)
Division 1 Special Training Division
Border Patrol Police Headquarters,
Cha-Am District
Petchburi Province 76120



FTX Contact Point

- **THAI POC : Col. Sungkom (RTAF)**
 - Email : sungkomp@gmail.com

- **ROK POC : Fire Captain. LEE Min Kyu (NRS)**
 - Email : arfdirex2013ftx@gmail.com



Thank You!

