

**Earthquake/Tsunami Victims Relief Efforts**  
**Department of Disaster Prevention and Mitigation**  
**Ministry of Interior, Thailand**

**1. Background**

At 07.58 a.m., of 26 December 2004, the massive earthquake at the magnitude of 9.0, the strongest in the world since 1964 struck deep under the Indian Ocean off the west coast of Sumatra, Indonesia, had triggered the cataclysmic tidal wave slamming the Andaman coastal provinces, southern Thailand. The catastrophic incident has devastated 6 provinces namely, Phuket, Trang, Phang Nga, Krabi, Ranong and Satun.

**2. Overall Damage**

2.1 Number of Death, injured and missing (as of March 21, 2005)

No.	Province	Death (person)				Injured (person)				Missing (person)			
		Thai	Foreigner	N/A	Total	Thai	Foreigner	N/A	Total	Thai	Foreigner	N/A	Total
1	Phang Nga	1,266	1,633	1,325	4,224	4,344	1,253	-	5,597	1,428	305	-	1,733
2	Krabi	357	203	161	721	808	568	-	1,376	329	240	-	569
3	Phuket	151	111	17	279	591	520	-	1,111	256	364	-	620
4	Ranong	156	4	-	160	215	31	-	246	9	-	-	9
5	Trang	3	2	-	5	92	20	-	112	1	-	-	1
6	Satun	6	-	-	6	15	0	-	15	0	-	-	0
	Total	1,939	1,953	1,503	5,395	6,065	2,392	-	8,457	2,023	909	-	2,932

2.2 Devastated Areas

The coverage of devastated area comprised 6 Andaman coastal provinces namely, Phuket, Trang, Phang Nga, Krabi, Ranong and Satun provinces which can be furtherly divided into 25 districts/sub-districts, 95 tambons and 412 villages. Phang Nga province was the hardest hit, the devastated area covered 6 districts, 19 tambons and 69 villages. Devastated areas are tabulated below;

No.	Province	Devastated Area			Number of Person Affected	
		District/Sub.	Tambon	Village	Person	Household
1	Phang Nga	6	19	69	19,509	4,394
2	Krabi	5	22	112	15,812	2,759
3	Phuket	3	14	58	13,065	2,613
4	Ranong	3	10	47	5,942	1,509
5	Trang	4	13	51	1,302	660
6	Satun	4	17	70	2,920	82
	<b>Total</b>	<b>25</b>	<b>95</b>	<b>407</b>	<b>58,550</b>	<b>12,017</b>

(as of March 21, 2005)

### 2.3 Property Damage

The loss of property has been expounded in terms of loss of houses/residences (both partly and totally damaged), livestock, occupational instruments and equipments and the loss of agricultural land. Property damage is tabulated below;

No.	Province	Property Damage					
		No. of Houses Damage (Unit)		Fishery (US Dollar)	Livestock (US Dollar)	Agriculture (US Dollar)	Business Establish (US Dollar)
		Totally	Partly				
1	Phang Nga	1,904	604	22,830,462	341,515	61,466	161,402,125
2	Krabi	396	262	4,792,413	8,131	8,572	67,091,295
3	Phuket	742	291	8,622,779	7,591	4,603	98,852,073
4	Ranong	224	111	4,268,450	76,228	15,902	20,750
5	Trang	34	156	374,500	1,085	45,967	165,000
6	Satun	2	80	2,984,843	6,090	29,125	-
	<b>Total</b>	<b>3,302</b>	<b>1,504</b>	<b>43,873,447</b>	<b>440,640</b>	<b>165,635</b>	<b>327,531,243</b>

Note : Cost of 93 damaged hotels and resorts in Phang Nga provinces are being estimated.

- Plantation land approximately 1,505.2 hectares
- Occupational instruments/equipments such as fishing vessels, trawlers etc.  
(1,222 large vessels and 3,426 small vessels)
- Fish/Shrimps farms 1,224 units

- 3,471 trawls, 5,977 fish and morsel floating baskets, 683 fishing stakes, and 2,322 fishing traps
- 418 heads of cattles, 825 sheep/goats and 2,030 swine

Total cost of occupational equipments loss was 365,904,750 US Dollar (excluding the cost of totally and partly damaged housed/residences)

### 2.3 Infrastructure and Public Utility Damage

The initial assessment of infrastructure and public utilities loss was 26.37 million US Dollar which can be delineated and tabulated as follows ;

No	Province	Infrastructural Facilities Damage											
		Pier		Concrete Bridge		Wooden Bridge		Box Culvert		Road		Dyke	
		Unit	US Dollar	Unit	US Dollar	Unit	US Dollar	Unit	US Dollar	Unit	US Dollar	Unit	US Dollar
1	Phang Nga	5	205,848	11	454,263	3	30,750	2	5,000	44	3,562,184	-	
2	Krabi	2	762,500	2	180,000	-	-	-	-	3	179,050	-	
3	Phuket	3	200,000	7	160,000	1	12,500	-	-	13	592,000	-	
4	Ranong	27	231,175	8	192,225	2	10,000	10	56,400	21	137,665	1	13,000
5	Trang	1	-	1	1,875	-	-	-	-	8	22,973	-	
6	Satun	-	-	-	-	-	-	-	-	3	177,500	-	
	<b>Total</b>	<b>38</b>	<b>1,399,523</b>	<b>29</b>	<b>988,363</b>	<b>6</b>	<b>53,250</b>	<b>12</b>	<b>61,400</b>	<b>92</b>	<b>4,671,372</b>	<b>1</b>	<b>13,000</b>

### 3. Establishment of Southern Disaster Victims Relief Collaboration Center, Phuket

3.1 The Prime Minister, accompanied by Ministers various ministries concerned and high rank officials, had traveled to Phuket for on-the-scene commanding in regard of search and rescue and relief operation. The Prime Minister has ordered the set-up of “Southern Disaster Victim Relief Collaboration Center” in Phuket to act as the coordinating center in providing the assistance to all affected provinces. The Center is chaired by Minister of Interior and the committees comprised the Permanent Secretaries for all concerned ministries, and Director General of Department of Disaster Prevention and Mitigation is the committee and secretary.

### 3.2 Area of Responsibility Zoning

The Prime Minister has assigned Deputy Prime Minister and various Ministers to inspect, direct, command and to solve the problems in devastated area as follows;

- Minister of Interior be responsible for Phuket.
- Minister of Natural Resource and Environment be responsible for Phang-Nga
- Deputy Minister of Interior be responsible for Krabi
- Deputy Prime Minister be responsible for Ranong

Furtherly, the Relief Center in Phuket has assigned various government agencies concerned to immediately implement 7 pivotal relief activities....search and rescue operation, retrieving the corpses, forensic autopsy and identification the corpses, assisting and facilitating tourists' repatriation, rehabilitation and reconstruction of roads, restoration of telecommunication and electricity systems, receiving and distributing the relief aid, and containing the potential epidemics.

### 3.3 Establishment of Relief Center at Rear-Area, Bangkok

As the Director General of Department of Disaster Prevention and Mitigation, Ministry of Interior and the Secretariat of Civil Defence Committee, has set up "Earthquake/Tsunami Victims Relief Center" at the Department of Disaster Prevention and Mitigation on 26 December 2004, to function as the coordinating mechanism in mobilizing the relief efforts from all sectors of the society to the disaster victims in 6 devastated coastal provinces. This Center has functioned as follows;

3.3.1 Set up "International and Domestic Call Center" to provide the Disaster related information to the relatives of disaster victims both Thai and foreigners. The Center has provided the information around the clock through telephones and internet. Since the set up, the Center has received about 13,000 international and domestic calls.

3.3.2 Set up "Donation Center" This center has provide the 24-hour-service for two categories of donation, cash and essential supplies which have been transported essential supplies by container-trucks to the devastated areas.

3.3.3 Mobilization of Personnel and Equipments : Department of Disaster Prevention and Mitigation has deployed its personnel and equipments to integratedly collaborate with other government and non-government agencies in search and rescue and relief operation in the devastated areas.

### 3.4 Other Relief Centers

Both government and non-government agencies have contributed the assistance efforts by setting donation centers. For instance, Ministry of Defence Disaster Mitigation Centers (Royal Thai Army Branch, Royal Thai Navy Branch and Royal Thai Air Force), Ministry of Foreign Affairs, Ministry of Justice, Thai Red Cross, Peuan Poeng (PA) Foundation, Rajprachanukrua Foundation, Ministry of Social Development and Human Security, Ruam Katanyoo Foundation, Portektoeng Foundation, Television Station, Civil Defence Volunteers etc.

### 4. Other relief Criteria

- Tax and loan relieves are on offer to help affected families and business get back on their feet
- Package of tax measures was in store to aid affected business and individuals
- Income tax would be exempted temporarily for individuals and business, tax collection periods extended, and land and local administration taxes reduced
- Financial institutes and banks would slash lending rates and extend debt repayment period. The Government Savings Bank was giving out loans for repairing of home and business premises
- Regulations would be relaxed to expedite budget disbursement to state agencies responsible for relief operations

### 5. More Assignments of Relief Operations for State Agency

5.1 Ministry of Tourism and Sport responsible for providing assistance to the foreign tourists.

5.2 Permanent Secretary for the Office of the Prime Ministry responsible for providing assistance to the affected persons.

5.3 Ministry of Agriculture and Cooperative (Department of Fishery) responsible for providing assistance to affected persons who involved in fishery business.

5.4 Ministry of Labour responsible for providing assistance and relief to the lay-off.

5.5 Ministry of Interior responsible for providing assistance and relief to small-scale business entrepreneur.

5.6 Ministry of Finance responsible for providing assistance to large-scale business entrepreneur.

5.7 Ministry of Social Development and Human Security responsible for providing shelters for the affected persons.

5.8 Ministry of Education responsible for providing aid to affected students.

5.9 Ministry of Finance responsible for assisting the damaged government premises.

## **6. Disbursement of Relief Fund to Disaster Victims**

From 30 December 2004 – 13 February 2005, the Relief Center has instructed all government agencies concerned to disburse the compensated cash to disaster victims in the 6 affected provinces as follows;

6.1 Cash compensation in accordance with Ministry of Finance Regulations : the total of 5,207,541 US dollar was disbursed to relatives of 1,915 death and to 3,304 injuries.

6.2 The total of 2,489,850 US Dollar of the Office of the Inspector Relief Fund, the Prime Minister Office was disbursed to relatives of 1,819 death, and to 7,226 injuries

6.3 The total sum of 178,208 US Dollar of Ministry of Social Development and Human Security was disbursed for medical service of the injured , supporting the affected households and distributing scholarships for affected students.

## **7. Reducing Future Risks**

Thailand has fully recognized that natural disasters are on the rise both in terms of magnitude, frequency and severity which have caused tremendous economy damages and with the losses of thousands of human lives. The impact of disasters upon our societies greatly increased, becoming a major obstacle to achieve sustainable socio-economic development. As the consequence, all agencies concerned should collaborate and integrate their efforts on disaster management. In this regard, Thailand would like to propose disaster management –

related activities that should be in place so as to reduce the risk and to increase effectiveness of disaster prevention, response, and relief and recovery.

#### 7.1 Knowledge and Education :

- Increase the awareness and knowledge of public authorities and the general public on the nature of disaster and disaster risk reduction. This activity can be carried out by both formal and informal education and training from national to grassroots level and integration of disaster related knowledge into educational curriculum.

- Application of “Community-Based Disaster Risk Management (CBDRM)” through which at risk communities are actively engaged in identification, analysis, treatment, monitoring and evaluation of disaster risks in order to reduce their vulnerabilities and enhance their capacities.

#### 7.2 Installation of Early Warning System :

Early Warning system is pivotal mechanism of disaster prevention. What we have learned from the recent catastrophic event that only if we had Earthquake/Tsunami early warning system in place we would have lost less of lives, property and national real-time early warning system that would cover the coastal countries of Indian Ocean in the same manner as the Asia-Pacific as soon as possible.

#### 7.3 Technical Cooperation and Technology Transfer :

- The collaboration and cooperation in disaster management at regional level should be strengthened by using the existing mechanisms to integrate disaster management related efforts and to stimulate the exchange of information, knowledges and experts among countries concerned.

- International and regional support of concrete initiatives, ready-to-use technology and good practice on disaster management of the advanced countries should be transferred to the less experienced and less developed countries as soon as possible... by educating or training the national and local staff of less experienced countries.

#### 7.4 Increase in National Political Commitment :

To achieve economic and social sustainable development, it is indispensable to increase national commitment in integrating disaster risk reduction in national social and economic development plan. Besides, the decision-makers’ mindset in perceiving disaster management should change as well. All phases of disaster management cycle... prevention, mitigation and rehabilitation should be holistically and equally attended.

**8. Technical Assistance Required by Department of Disaster Prevention and Mitigation :**

Department of Disaster Prevention and Mitigation has been established in 2002, under the umbrella of Ministry of Interior, to be the principle government agency shouldering the role of disaster management coordinator among all agencies concerned. Since this Department has newly been set up, as the consequence, its staffs are inexperienced and urgently in need of enhancing their knowledge and technical know-how in disaster management issue. In this context, the Department would requested technical assistance from the expert countries as follows;

8.1 Transferring of technological know-how and expertise in disaster management from the well experienced and expert countries.

8.2 The funds for the Department staffs to attend disaster management training courses or higher education.

8.3 Requesting for the experts in disaster management issue to assist in formulating specialization curricula in Disaster Prevention and Mitigation Academy of the Department.

8.4 Exchange of human resource with the international organization such as Asian Disaster Reduction Center, FEMA, EMA and others.

8.5 Jointly conducting international training courses on disaster management with international organizations such as Asian Disaster Preparedness Center and others.

8.6 Requesting for foreign experts in Search and Rescue operation to develop and set up Search and Rescue Team of the Department.

8.7 The Department can act as the intermediary mechanism in receiving early warning information from the line agency and then relays to the provincial, district/ sub-district and village authorities.

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## **Data on Relief Efforts and the**

### **Relief Efforts to be Requested from Local and Foreign Agencies**

Due to the most powerful earthquakes struck deep underneath the Indian Ocean off the west coast of Sumatra triggered massive tsunamis slamming and devastating the 6 Andaman coastal provinces of southern Thailand (Phuket, Phang Nga, Krabi, Ranong, Trang and Satul) on 26 December, 2004, the Minister of Interior had ordered the National Civil Defense Directing Unit to set up “Earthquake/Tsunami Disaster Administrating Relief Center, Phuket” (Ministry of Interior Order No.5/2547 B.E. Dated 26 December 2547 B.E.) This Relief Center has been designated to direct command, coordinate and integrate the relief efforts of all government agencies concerned. As the result the rapid and timely relief operation has been achieved.

Since the relief effort have come from diversified sources such as government and non-government agencies, international organization, foundation, charity organization etc., therefore. Ministry of interior has established “The 6 Southern Tsunami Affected Provinces Relief Coordinating Center”

The key obligations of this Relief Coordinating Center are to integrate and coordinate the relief among the diversified agencies, and to collect data and set up database on the damages and relief operation so as to generate the linkage between the affected persons with all agencies concerned. In this regard the distribution of relief can continuously and effectively proceed and meet the need of the recipients. The achievements of relief operation has been summarized as follow.



## Summary of the Data Relief Efforts to be Requested from Local and Foreign Agencies The 6 southern Tsunami Attested Provinces Relief Coordinating Center

Province	School		Hospital		Fishing		Agriculture		Livestock		Environment		Others		Remark
	Place	Amount	Place	Amount	Person	Amount	Person	Amount	Item	Amount	Item	Amount	Item	Amount	
Pang-nga			1	218,876,148	2,141	93,058,000							32	2,112,000	
Krabi	22	67,858,000	7	112,400,000	3	48,500,000					1	70,000,000			
Phuket	4	15,000,000	6	100,800,000	21	94,000,000					30	130,447,400	12	226,512,848	
Ranong	1	403,350	2	9,698,255	14	85,816,500	3	81,728,000			4	5,900,000	1	362,000	
Trang							Career supporting (project)								
Satun	1	2,400,000			508	900,000	334	1,582,400	1,500	243,000	1	4,900,000	1	2,550,000	Other enterprises
					1,096	56,436,000									
							Fertilizer(ton)		Food (piece)						
<b>Total</b>		<b>85,658,350</b>		<b>441,774,403</b>		<b>378,710,500</b>		<b>83,310,400</b>		<b>243,000</b>		<b>206,347,400</b>		<b>231,536,848</b>	

**Data on Relief Efforts to be Requested from Local and Foreign Agencies  
The 6 Southern Tsunami Attested Provinces Relief Coordinating Center**

Province	Name of Group/ Agency Requested for Relief	Type of Relief Requested	Place of Implementation (Specify Name of Village/ Tambon/District)	Amount of Item Requested	Cost Per Item	Total Cost	Remark			
	Pang-nga	Pang-nga province	hospital/health center	- Kaolak Hospital, Takuapa district				- construct community hospital,	218,876,148	China, Germany contribute
				area 26 rai(sub-district public land)				Consist of 30 beds by using spacial plan		
Moo 5 Kuekkak sub-district,				as Patong Hospital,consists of						
Takuapa district NSL.2794/2512				Administration building						
				Admission building Casualty building						
				Staff Flat etc.						
	Pang-nga province	fishing boat/ fishing equipment	1. Tour boat , lower than 10 m.	32 boats	66,000	2,112,000	non-registered tour boats			
							haven't been relieved			
		fishing boat/ fishing equipment	2. Fishing boat, lower than 10 m.	963 boats	66,000	63,558,000	non-registered tour boats			
			3. Fishing boat, higher than 10 m.	33 boats	200,000	6,600,00	haven't been relieved			

			4. Aquarium culturers who get damaged	1,145 person	20,000	22,900,000	non-registered culturers
							haven't been relieved
<b>Pang-nga</b>	Pang-nga province	fishing boat/ fishing equipment	5. Damaged fishing equipment	852 person	10,000	8,520,000	non-registered fishermen
	Pang-nga province	fishing boat/ fishing equipment	5. Damaged fishing equipment	852 person	10,000	8,520,000	non-registered fishermen
							haven't been relieved
<b>Total</b>						<b>322,566,148</b>	
<b>Krabi</b>	Educational Division	Educational Institute	- Baanlongmueng school	building sopocho 105/29	2,491,000	2,491,000	
	Department.,Krabi		- Rachaprachamukroe school	building sopocho 2/28 4 floors	8,505,000	8,505,000	
			- Baandaradaan school	building sopocho 105/29	3,113,000	3,113,000	
			- Baanlamsak school	building sopocho 105/29	3,113,000	3,113,000	
			- Baanbakun school	building sopocho 105/29	3,113,000	3,113,000	
			- Baanlkonghang school	building sopocho 105/29	3,113,000	3,113,000	
			- Baantingsai school	building sopocho 105/29	2,051,000	2,051,000	
			- Baanlampo school	building sopocho 105/29	2,051,000	2,051,000	
			- Watkoelanta school	building sopocho 105/29	2,051,000	2,051,000	

			- Baanklonghin school	building sopocho 105/29	2,051,000	2,051,000	
			- Baansongka-u school	building sopocho 105/29	2,051,000	2,051,000	
<b>Krabi</b>			- Lantarachapacha-uthit school	building sopocho 105/29	3,105,000	3,105,000	
			- Baankoejam	knock down houses for academic staff	3,105,000	3,105,000	
			- Baanpakklong	knock down houses for academic staff	3,105,000	3,105,000	
			- Baanpra-aer	knock down houses for academic staff	3,105,000	3,105,000	
			- Baanklonghin	knock down houses for academic staff	3,105,000	3,105,000	
			- Baantongyeepeng	knock down houses for academic staff	3,105,000	3,105,000	
			- Baansaradan	knock down houses for academic staff	3,105,000	3,105,000	
			- Baankoeju	knock down houses for academic staff	3,105,000	3,105,000	
			- Baankoesi-aupya	knock down houses for academic staff	3,105,000	3,105,000	
			- Baannatongklang	knock down houses for academic staff	3,105,000	3,105,000	
			- Baanklonghin (Lanta Island)	knock down houses for academic staff	3,105,000	3,105,000	

	Thanbokkoranee	expert in raft designing and planning	in the area of Thanbokkoranee	3 persons			
	National Park		National Park				To protect the beach from boats
							parking along the beach that
							lives would destroy coral and
<b>Krabi</b>							on the beach. Also it would
							help increase activities on the
							beach and tourists.
	Thanbokkoranee	expert in coastal environment and	in the area of Thanbokkoranee	2 persons			To study marine resources in the
	National Park	marine science	National Park				area of Hong Island and 12 islands
							around it and plan to preserve coral
							for making this area to be a
							sustainable tourist destination
	Thanbokkoranee	expert in design	in the area of Thanbokkoranee	3 persons			To explore an area and plan to
	National Park		National Park				design a warning system on

							the island such as desing the Solar
							Cell System for warning radio system
							and communication, system of
							producing white water from sea,
							organize safety zone for tourists
<b>Krabi</b>							when disaster coming and migrate
							tourists to shores as soon as possible
	SSJ.Krabi	ambulance	S.O. Baansaladan	1 ambulance	1,400,000	1,400,000	
			Koelantaw hospital	1 ambulance	1,400,000	1,400,000	
	SSJ.Krabi	hospital	Lantanou Island	1 hospital	49,000,000	49,000,000	
			Aow Nang	1 hospital	57,600,000	57,600,000	
	SSJ.Krabi	pick-up car; 4 wheels,2 parts	SSO. Lanta Island	1 car	1,000,000	1,000,000	



	SSJ. Krabi	reconstruction	S.O. Klongtop/Saladan	2 places	2,000,000	2,000,000	
	PMJ. Krabi	housing construction	Phi Phi Island (33 sqm.)	400 houses			
	Krabi Province	Mosque	Provincial Central Mosque	1. construct 1 building, contains 2,600 persons		70,000,000	Apart from Narathiwat, Pattani,
			NS. 3 K No.1128	(budget 35,000,000 baht)			Yala, Satun, and Songkhla, An
							amount of muslim of Krabi
							is considered to be the sixth. There
							are 200,000 muslim in 8 districts
							and crowned in 5 district.
<b>Krabi</b>	Krabi Province	Mosque	registered name: Muslimsammaki				There are 182 mosques in Muang,
			Foundation, Krabi				Aowluek, Neuklong, Klongtom,
							and Lanta Island, but there isn't
							a central mosque for them to do
							religious activities and keep cultural

							resources.
		fishing boat/ fishing equipment	support fishing in Krabi	fishing boat K. lower than 10 m. 271 boats	66,000	17,886,000	non-registered fishing boats haven't
							been relieved
				fishing boat K. higher than 10 m. 50 boats	200,000	10,000,000	haven't been relieved
				tourist boat lower than 10 m> 313 boats	66,000	20,658,000	non-registered tour boats haven't
							been relieved
				<b>Total</b>	<b>298,802,000</b>		
<b>Trang</b>	Fishing group	career	Moo 1-7 Libon Island sub-district	450 family	20,000	9,000,000	
	Libon Island	reconstruction	Kantrang district				
	entrepreneur group	reconstruct enterprise	Moo 1-7 Libon Island sub-district	51 entrepreneurs	50,000	2,550,000	O.BO.TO Libon Island
			Kantrang district				(cooperator)
	Local people and	preserve environment	Libon Island sub-district	7 villeges	700,000	4,900,00	
	fishermen grpup	saulted soil/tree/coral	Kantrang district				

Total						16,450,000	
<b>Satun</b>	floating basket fish	fishing equipment	Moo 1-6 Paaknam sub-district	2,484 floating baskets	8,000	19,872,000	
	culturers group		La-ngu district				
	Baanpaakbara						
	floating basket fish	fishing equipment	Moo 1-6 Lamsong sub-district	2,223 floating baskets	8,000	17,784,000	
	culturers group		La-ngu district				
<b>Satun</b>	Baanbuboy-Kabang						
	Local coastal fishing	fishing equipment	Moo 1-6 Paaknam sub-district	6,260 ring nets	3,000	18,780,000	
	group		Moo 1,2,4,6,7,14,18				
			La-ngu sub-district				
			La-ngu district				

	Educational Division	construct temporary school	Baankanae school ,Moo 1				
	Department.,Saton		Kaetree sub-district, Muang district	6 classrooms	400,000	2,400,000	emergency case
	Agriculture and Co.Op	agriculture ( organic fertilizer)	La-ngu and Tongwa district	344 tons	4,600	1,582,400	
	office, Satun	livestock (food)	La-ngu and Tongwa district	900 tins	230	207,000	
		(hard element)		600 pieces	60	36,000	
				<b>Total</b>		<b>606,614,000</b>	
<b>Ranong</b>	Ranong Province	fishing boat & equipment	1.small fishing boat lower than 10 m.	182 boats	66,000	12,012,000	non-registered fishing boats haven't
			get lost/can't be repaired				been relieved
			2. small fishing boat lower than 10 m.	237 boats	20,000	4,740,000	non-registered fishing boats haven't
			need to be repaired				been relieved

			3. big fishing boat higher than 10 m.	330 boats		66,000,000	non-registered fishing boats haven't
			get lost/can't be repaired/need to be repaired				been relieved
		Hospital/Health center	Health Center, Baanthalenok	building consists of housing, equipment, fence, and		7,533,420	the old health center was completely
			Suksamrun sub-district	landscape arrangement			damaged.
			(construct in the old area)	use standart model 2 floors No. 9566 ,Ministry of			
				Public Health			
			Health Center, Baanbangben	reconstruct/equipment		2,164,835	some parts were damaged

Ranong			Kaper district				
			(construct in the old area)				
	Community	career	Moo 4 Muengkluang sub-district	1. Tile roof house for producing shrimp paste	150,000	150,000	support the producing shrimp
	Development office		Kaper district	size 6*18 m. 1 house			paste group, their damages
	Ranong						cost 362,000 baht
				2.Solar Cell.baked house	50,000	50,000	
				size 6*12 m. 1 house			
				3. Shrimp paste Boiled house			
				size 4*6 m. 1 house	20,000	20,000	
				4. Automatic packing machine			
				5,000 sacks/hour 1 machine	37,000	37,000	
				5. Shrimp paste blender 7 horse power 1 machine	15,000	15,000	
				6. foil 10,000 sacks	2	20,000	
				7. jar & lid for packing 5,000 jars	5	25,000	
				8. OTOP product sticker 5,000 stickers	3	15,000	

Ranong				9. box for shrimp powder packing	6	30,000	
				capacity 12 sacks/box 5,000 boxes			
		support the acting of Child Care	Moo 2 Kampuen sub-district	1. Whale Rocking chair 3 sets	4,900	14,700	provide equipment & lunch for kids
		Center	Suksamrun	2. tunnel 3 sets	9,800	29,400	cost 400,350 baht
				3. twins horses 3 sets	12,000	36,000	
				4. small slider 3 sets	14,500	43,500	
				5. 2- seat swing for kids 3 sets	16,000	48,000	
				6. lunch for kids 61 kids/day total 250 days	915	228,750	
	Community	career	Moo 1 Naka district	1. floating basket for mussel culture 600 baskets	1,048	628,800	support mussel culture group
	Development office		Suksamrun	2. breed of mussel 9,000	30	270,000	30 members = 898,800 baht
	Ranong						
	Community	career	Moo 1 Naka district	1. floating basket for Krarang fish culture 100 baskets	1,100	110,000	support fish culture group
	Development office		Suksamrun	2. breed of Krarang fish 10,000 fishes	25	250,000	20 persons = 360,000 baht
	Ranong						

Ranong	Community	career	Moo 1 Naka district	1. floating basket for mussel culture 4,500 baskets	1,048	471,600	support mussel culture group
	Development office		Suksumrun	2. breed of mussel 6,750	30	202,500	90 members = 674,100 baht
	Ranong						
	Activity for supporting	career	21 villeges 8 sub-districts 3 districts	500 agriculturers	60,000	30,000,000	duration: 5 years
	goat feeding/Livestock						
	office,Ranong						
	Activity for supporting	career	21 villeges 8 sub-districts 3 districts	500 agriculturers	100,000	50,000,000	duration: 5 years
	cow feeding/Livestock						
	office,Ranong						
	Provincial	A. plants	ngau sub-district , rachakrut sub-district	14 agriculturers/ area 14 rai	yellow galingale	1,728,000	1. the width of planting+50*50=
	Agricultural office	1. grow yellow galingale to	Muang district		5 baht/sack		6,400 holes/rai/b
		increase income	Muangkluang sub-district	20 agricultueres /area 20 rai			2. budget 32,000 baht/rai
			Kaper district				



Ranong	Provincial	A. plants	Naka sub-district,	20 agricultueres /area 20 rai			3. plant source: Moo 3 Baanna
	Agricultural office	1. grow yellow galingale to	Kampuen sub-district				sub-district, Kaper district,Ranong
		increase income	Suksumrun				
	Provincial	B. Fishing					
	Agricultural office	1. Crab ring net	ngaw sub-district.rachakrut sub-district	21 fishermen/get 20 for each	150	63,000	
	Provincial	size 3.5 inches depth 14* length 75 m.	Muang district Ranong				
	fishing office	2. Prawn ring net	ngaw sub-district.rachakrut sub-district	21 fishermen/get 20 for each	220	138,000	
		size 3.8 inches.40 cm.* 60 cm.	Muang district Ranong				
	Provincial	3.Crab trap and shell trap	ngaw sub-district.Rachakrut sub-district	11 fishermen/get 3 kinds and 100 for each kind	100	330,000	
	Agricultural office	40*60 cm.	Muang district Ranong	for each			
			Muangklueng sub-district				
	fishing office		Kaper district				

Ranong	Provincial	4. Kaw fish floating basket	Rrachakrut sub-district	9 fishermen/10 for each	2,000	180,000	
	Agricultural office	3*3m.	Muang district Ranong				
	Provincial		Muangklueng sub-district				
	fishing office		Muang district Ranong				
	Provincial	5. boat engine/damaged/can't be	ngaw sub-district.Rachakrut sub-district	21 fishermen	20,000	420,000	
	Agricultural office	repaired	Muang district Ranong				
	Provincial						
	fishing office						
	Academic group	news tower	Moo 4 Muangklueng sub-district	1 tower	150,000	150,000	to support local fishing and
	Public Health office		Sukumrun				tourism
	Ranong						

<b>Ranong</b>	Lamson National Park	dig canal for boat parking to support	Muangklueang sub-district	1 route	5,000,000	5,000,000	to support
		local tourism and the park	Kaper district				local tourism and the park
		White water for Lamson National Park		1 source	500,000	500,000	
					100,000	100,000	
		Solar home system		4 spots			
				<b>Total</b>		<b>183,755,105</b>	
<b>Phuket</b>	AO.BO.TO. Ratsada	Child Care Center & equipment	Moo 7 Ratsada sub-district	1	9,000,000	9,000,000	
	AO.BO.TO. Ratsada	News Tower	Moo 7 Ratsada sub-district	1	200,000	200,000	
	Public Health office	construct Vichid Public Health Center	Vichid sub-district	1	10,000,000	10,000,000	
	phuket	Medical Service Building	Kamala sub-district	1	5,000,000	5,000,000	
		Ancient Thai Medical Building		1	1,500,000	1,500,000	
		Staff Housing	Maikaw sub-district	1	17,000,000	17,000,000	
	Maikaw sub-	hospital		construct hospital , consists of 30 bed		45,000,000	Royal land PK.153 Maikaw
	district						20 rai in Maikaw mosque and

							sport complex areas
	NGO Australia	construct Vocational Training	Ratsada sub-district	1 unit			waiting for reply
		Center Library/Child Care Center					
	Kamala Health Center t permanent housing	construct permanent housing	Kamala sub-district	1 building	17,000,000	17,000,000	request from China
	Kamala Health Center t permanent housing	construct Health Center	Kamala sub-district	1 building	5,000,000	5,000,000	
	Kamala Health Center t permanent housing	Parking zone	Kamala sub-district	1 building	300,000	300,000	
	Baan Kalim school	construct school	Kamala sub-district	1 building	2,500,000	2,500,000	
	Mrs. Jernsri Wajasat	floating basket	26 Moo3 Saku sub-dirtrict				
	Saku fishing group	boat engine/ ring net	Moo1-5 Saku				
	AO.BO.TO. Vichid	long tailed boat	Moo 6 7 8 Vichid	47	30,000	1,410,100	
	AO.BO.TO. Vichid	fish floating basket	Moo 6 7 8 Vichid	30	8,000	240,000	
	AO.BO.TO. Vichid	boat engine/ ring net	Moo 6 7 8 Vichid	100	3,000	300,000	
	Provincial	feeding in floating basket/raft	Moo 6 Koekaew				
	fishing office						
	Provincial	feeding in floating basket/raft	Moo 1 Vichid	13 rafts	25,000	325,000	

Phuket	fishing office		Moo 6	7	25,000	175,000	
			Moo 7 Ratsada sub-district	3	25,000	75,000	
			Moo 8	1	25,000	25,000	
	Provincial	feeding in floating basket/raft	Rawai	8	25,000	200,000	
	fishing office			35	25,000	875,000	
	Provincial	feeding in floating basket/raft	Radsada				
	fishing office						
	Provincial	feeding in floating basket/raft	Moo3 Chalong	33	25,000	825,000	
	fishing office		Moo 9	2	25,000	50,000	
	Provincial	feeding in floating basket/raft	Pakrok MOO 2	1	25,000	25,000	
	fishing office		Moo 3	43	25,000	1,075,000	
			Moo 4	12	25,000	300,000	
			Moo 8	6	25,000	150,000	
			Moo 8	28	25,000	700,000	
			Moo 9	6	25,000	150,000	

	Provincial	feeding in floating basket/raft	Tepkrasattree ,Thalang district Moo6	7	25,000	175,000	
	fishing office		Moo 10	1	25,000	25,000	
	Provincial	feeding in floating basket/raft	Maikaw,Thalang district Moo1	39	25,000	975,000	
	fishing office		Moo 2	14	25,000	350,000	
			Moo3	7	25,000	175,000	
			Moo4	1	25,000	25,000	
			Moo5	11	25,000	275,000	
			Total	332	25,000	8,300,000	
	Phuket Province	culturers who get damages		107cultureres	20,000	2,140,000	
	Phuket Province	fishing equipment that get damages		488	10,000	4,880,000	
	Phuket Province	tour boat lower than 10 m.		73	66,000	4,818,000	non-registered tour boats haven't
	Phuket Province	tour boat higher than 10 m.		110	200,000	22,000,000	been relieved
	Phuket Province	fishing bost lower than 10 m.		560	66,000	36,960,000	non-registered tour boats haven't
	Phuket Province	fishing bost higher than 10 m.		189	200,000	37,800,000	

<b>Phuket</b>	Long tailed boat group	repair fishing boat	Municipal Councillor, Karon sub-district	51	20,000	1,020,000	
	fish feeding in				8,000	100,000	
	floating basket group						
		fishing bost lower than 10 m.					
					<b>Total</b>	<b>239,418,100</b>	