

No.32-5/2004-NDM-I  
Government of India  
Ministry of Home Affairs

**Subject: Impact of Earthquake in Indonesia, A & N Islands and other coastal States –Relief, Rehabilitation and other follow up measures**

The Tsunamis have caused extensive damage in Andaman & Nicobar Islands, the States of Andhra Pradesh, Kerala and Tamil Nadu and UT of Pondicherry. The death toll has reached a figure of 9067. This will go up once confirmation regarding 5421 missing persons/feared dead(as per preliminary survey) in the Nicobar Group of Islands is received. The details of deaths, missing, relief camps etc. are given in the [Annexure I](#). The details of damage to crops, dwelling units, population affected etc. are given in [Annexure-II](#)

2. The Hon'ble Prime Minister visited tsunami affected areas of Tamil Nadu, Andhra Pradesh and Kerala between 29<sup>th</sup> to 31<sup>st</sup> December, 04 and announced the release of Rs. 250 crore to Tamil Nadu and Rs. 100 crore each to Kerala and Andhra Pradesh from National Calamity Contingency Fund as a preliminary measure. Separately, Rs.35 crore has been released to Pondicherry and A& N Administration has been authorized to draw funds upto Rs. 100 crore from the Treasury. In addition, Hon'ble Prime Minister also announced, the establishment of an Integrated Relief Command for A & N Islands; deputation of two Union Ministers from Delhi to A&N Islands who are since overseeing the relief and rescue operations and speedy consideration of the proposal for established National Disaster Management Agency.

3. A Senior level Inter-Ministerial Team headed by Secretary (BM), Ministry of Home Affairs inter alia including members of Ministries/Departments of Animal Husbandry (Fisheries), Agriculture, Rural Development, Tele-communication, Power, Shipping, Drinking Water Supply, Ministry of Road Transport and Highways is visiting the States of Tamil Nadu, Andhra Pradesh and Kerala from 4<sup>th</sup> January, 2005, to have an on the spot assessment of the situation and requirements of Central assistance for relief and rehabilitation.

4. An Integrated Relief Command (IRC) for the Andaman & Nicobar Groups of Islands under the Chairmanship Lt. Governor, A & N Islands has been constituted for effective coordination and operationalization of relief and rehabilitation measures. The IRC has become operational.

5. Teleconferences among members of the Core Group on Tsunami Relief that took place among the representatives of US, Australia, Japan and India on 31<sup>st</sup>, 2004 and on 1<sup>st</sup> January, 2005 discussed the matter relating to relief supplies in the tsunami affected countries.

6. The massive relief and rescue operations mounted by the Government of India in association with States/UTs are continuing. Now the main focus is on establishing communication network, drinking water, restoration of power supply, prevention of outbreak of epidemics and relief & rescue operations in the affected areas of Nicobar Group of Islands. 40% of the normal power supply has been restored and 70% is expected to be restored in two weeks and 80% in three weeks in Port Blair. In Nicobar Group of Islands 5 MW capacity out of 12 MW is operational and efforts are being to restore 100% by deployment of DG sets. Union Minister for Health is camping at Chennai and monitoring the medical relief activity. Secretary ( Health) and DG, HS has been coordinating and keeping constant watch on the situation. 80 Doctors and 20 Nurses from Central Government institutions have been mobilized and deployed. Rs.1.00 crore has been placed at the disposal of Government of Tamil Nadu by the Ministry of Health for procurement of emergency medicines and drugs worth Rs 40.00 lakh has been supplied to A&N Islands and Pondicherry. No report of outbreak of epidemics has been received so far and the situation under continuous surveillance by MoH &FW.

7. Relief materials (128.58 MT food, 102.73 MT drinking water, 46.13 MT medicines, 6526 tents, 20863 torches, 480 Gen. Sets) have been delivered till 1<sup>st</sup> January, 2005. Further, 61 MT of drinking water, 54 MT foodstuffs, 835 Tents, 6000 torches and 250 Generator sets/ have been dispatched on 02.01.2005 ( upto 0800 hours). 58 MT drinking water, 55 MT food stuff 500 small tents and 130 Generator/pump sets are planned for

dispatch on 2<sup>nd</sup> January, 2005. Relief materials are being airdropped at inaccessible areas. Ex-gratia @ Rs.100 lakh has been paid in 635 cases in Tamil Nadu, 140 in Kerala, 90 in Andhra Pradesh and 49 in Pondicherry to the next of kin of the deceased. The A& N Administration has been advised to deploy relief /medical teams in each of the inhabited Islands, established communication link and send a detailed survey report.

8. 246 CISF, 288 ITBP, 618 CRPF and 90 BSF personnel including specialists Search and Rescue Teams are deployed in various Islands for relief and rescue operations as well as duties besides efforts of Armed Forces. A satellite phone of CISF has been made operational in A&N Islands and a Communication Team along with wireless sets are being dispatched to A& N Islands. Smaller Aborigines (Tribes) including Shompens are reported to be safe in their habitats. There are reports of death of some Nicobarese, who have sizable population in the A & N Islands.

9. The detailed situation report is given in the [Annexure III](#).

10. The situation report can also be viewed at Web [www.ndmindia.nic.in](http://www.ndmindia.nic.in).

(S.K. Swami)  
Director (NDM.I)  
Tel: 23092698/Fax 23093750  
Mobile: 9811061089

### ANNEXURE-I

#### MINISTRY OF HOME AFFAIRS NDM DIVISION

Human lives lost in the wake of Tsunami/ Tide Wave in the Bay of Bengal- 26<sup>th</sup> December 2004

Name of States/ UT/	Districts/Islands	Human lives lost	Total Persons missing including fishermen	Persons moved to safer places	No. of Relief Camps/persons in the camps
<b>A &amp; N Islands</b>	Bamboka	00			
	Car Nicobar	306			
	Chowara	39			
	Great Nicobar	71			
	Kondul	18			
	Kamorta	04			
	Katchal	96			
	Little Andaman	33			
	Little Nicobar	00			
	Nancowry	05			
	Pilmillow	230			
	Trinket	02			
	Terassa	00			
	South Andaman	08			
	<b>Total</b>	<b>812</b>	5421	9136	16/ 13070
<b>Andhra Pradesh</b>	Krishna	35			
	Guntur	04			
	Nellore	20			
	Parkasham	36			
	West Godavari	08			
	East Godavari	03			
	Visakhapatnam	00			

	<b>Total</b>	<b>106</b>	7	33,864	People gone back. All 65 Relief Camps closed
<b>Kerala</b>	Kollam	132			
	Allappuzha	31			
	Ernakulam	5			
	<b>Total</b>	<b>168</b>	2	55557	85/ 55557
<b>Tamil Nadu</b>	Chennai	206			
	Cuddalore	599			
	Kancheepuram	124			
	Kanyakumari	817			
	Nagapattinam	5525			
	Pudukottai	15			
	Ramanathapuram	6			
	Tiruneveli	4			
	Thoothukudi	3			
	Thiruvallur	28			
	Thanjavur	23			
	Tiruvavur	12			
	Villupuram	47			
	<b>Total</b>	<b>7409</b>		462550	361/ 285073
Pondicherry	Karaikal	465			
	Pondicherry	107			
	<b>Total</b>	<b>572</b>	81	70,000	48/ 10,500
	<b>Grand Total</b>	<b>9067</b>	<b>5511</b>	<b>631107</b>	<b>510/ 364200</b>

\*information is based on the Survey being undertaken of inhabited Islands

## ANNEXURE-II

Ministry of Home Affairs  
NDM Division

0800 hrs. 02.01.05

### DETAILS OF IMPACT OF THE TSUNAMIS OF 26<sup>TH</sup> DECEMBER, 2004 - ON THE MAIN LAND

Details	Andhra Pradesh	Kerala	Tamil Nadu	Pondicherry	Total
1	2	3	4	5	7
Coastal Length affected in Km	985	250	1000	25	2260
Penetration of water into main land in Km.	0.50-2.0	1-2	1-1.5	0.30-3.0	
Average height of the tidal wave	5 Mtrs.	3-5 Mtrs.	7-10 Mtrs.	10 Mtrs.	
No. of Villages affected	301	187	362	26	876
Population affected (in lakh)	2.11	24.70	6.83	0.43	34.07
Dwelling units	1557	11832	91037	6,403	110829
Cattle lost	195	NR	5476	3445	9116

Cropped area(Ha)	790	NR	2487	790	4067
------------------	-----	----	------	-----	------

NR = Not Reported.

Note:- The Tsunamis have caused extensive damage in Nicobar Islands, which will require more or less rebuilt/reconstruction.

### ANNEXURE - III

**No.32-5/2004-NDM-I  
Government of India  
Ministry of Home Affairs**

**Detailed situation report on the impact of Earthquake/Tsunami in Indonesia, A & N Islands and other coastal States- Relief, rehabilitation and other follow-up measures**

The relief and rescue operations by the State Governments/UT Administrations are continuing in full-fledged manner round the clock. The Government of India is supplementing the efforts of the State Governments/UT Administrations and has pressed into service all the necessary resources required. The main focus is now on prevention of outbreak of epidemics and relief & rescue operations in the affected areas with special attention to Nicobar Group of Islands. Medical Teams and Medical First Responders/Para medics have been deployed in the affected areas. National level medical teams led by the Senior officers are camping in the affected States/UTs to monitor the situation and coordinate with the local administration. The Ministry of Health and Family Welfare has been constantly monitoring the situation and no outbreak of epidemics has been reported from anywhere so far except in a limited area of Tamil Nadu where there is a report of people suffering from diarrhea. Necessary medical attention has already been provided. Provisions for necessary inoculation for measles and anti-cholera tablets have been adequately.

982 MT of relief material have been mobilized for Nicobar Group of Islands of which 295 MT have been delivered. The remaining 687 MT of relief material is lined up for dispatch/delivery. The MOD (INCP/IDS) have been requested to step up airlifting/airdropping of relief material to Nicobar Group of Island. The Navy is making arrangements to reach supplies to Car Nicobar through ferry by boats by Ship to the shore. The Navy and Indian Coast Guard have further augmented the relief and rescue operations by deploying additional ships in the affected Nicobar Group of islands.

Aftershocks of varying intensities are still continuing in various locations in Andaman Region.. Details of aftershocks received are as under :

Date	Number of aftershocks	Intensity (Richter scale)
26 <sup>th</sup> December,04	26	5.2 to 7.0
27 <sup>th</sup> Decembr,04	16	5.0 to 5.8
28 <sup>th</sup> Decembr,04	9	5.0 to 5.4
29 <sup>th</sup> December,04	12	5.0 to 6.1
30 <sup>th</sup> December,04	6	5.2 to 5.5
31 <sup>st</sup> December, 04	12	5.2 to 5.8
1 <sup>st</sup> January 2005	9	5.0 to 6.3
2 <sup>nd</sup> January,2005 (upto 0800 hrs)	4	5.0 to 5.9

In view of continued aftershocks, which are generally accompanied with such events, the State Government have been requested to remain vigilant without affecting the relief and rescue operations and normal life.

The fifth meeting of the Group of Ministers (GoM) constituted for monitoring relief and rehabilitation measures was held under the chairmanship of Hon'ble Prime Minister on 1<sup>st</sup> January, 2005.

The majority of Aborigines (Tribes) of Andaman & Nicobar Islands are reported to be safe. The number of tribes as per 2001 Survey viz Andamanese (43) Onges (96) Jarawas (240) Sentinelese (39) Shompens (398) have been found safe. Out of the 28,653 Nicoborese, 656 are reported to have lost their lives as per the latest reports.

An Ex-gratia of Rs.1.00 lakh has been announced to the next of the kin of the deceased from the PM National Relief Fund, in addition to the assistance available from the National Contingency Relief Fund. The National fund has been augmented by Rs. 500.00 crore. The Hon'ble Prime Minister has announced the release of Rs. 250.00 crore to Tamil Nadu and Rs. 100.00 crore each to Kerala and Andhra Pradesh from National Calamity Contingency Fund., as a preliminary measure.

## **STATE/UT WISE STATUS**

### **ANDAMAN & NICOBAR ISLANDS**

#### **ANDAMAN ISLANDS**

##### **Shipping:**

A four member team from Naval Dockyard Vizag are at Port Blair for repairs. A technical Team from Delhi has also been sent for assistance. Two earthquake design experts stationed at Port Blair for advice on reconstruction of Harbours/Jetties. One harbour at Port Blair is now fully functioning and is receiving large ships. One ship MV Nancowry carrying 356 passengers and relief material including food items, vegetables, drinking water etc. departed from Chennai in the intervening night 1<sup>st</sup> and 2<sup>nd</sup> January,2004. 11 more ships of Ministry of Shipping, Road Transport & Highways are scheduled from Chennai, Visakhapatnam and Kolkatta carrying the passengers and relief material.

##### **Civil Aviation:**

Port Blair airport which was damaged is now functional. 4385 passengers have been moved out between 27<sup>th</sup> to 31<sup>st</sup> December. Indian Airlines and Jet Airways are operating to evacuate the passengers.

##### **Telecom:**

The telephone facilities which were temporarily disrupted have now been made functional but there is congestion in connectivity in some areas. A senior level officer from the Department of Tele- Communication is camping at Port Blair with his team to complete restoration of tele- links in all the major areas by 03.01.2005. Adequate equipment including INMARSAT have been provided at Port Blair. Two sets of POLNET equipment are being sent for restoration of the network. ISRO has established two Satellite phones on 31<sup>st</sup> December 2004.

##### **Power**

Entire power supply in A & N Islands is through D.G. sets. 20 MW capacity in Port Blair is severely affected and as per the assessment of NTPC and CEA, repair could be completed in four weeks time. Two units of 10 MW and one unit of 1 MW has been made operational. The power supply has improved to 40%. Pending operationalization 100 power supply, alternative arrangements are being made by transferring one 15 MW set from Rangat to Port Blair. In addition, DG sets etc are also being arranged from different locations. It is expected that 70% of the normal supply will be obtained in two weeks and 80 % in three weeks. The power situation is operational in middle Andaman Island. In other Islands arrangements are being to restore the power supply.

##### **Relief and Rescue:**

Andaman Group of Islands was affected to a much lesser extent. Relief measures by UT Administration is continuing. 6 Relief camps have been opened in Port Blair. Indian Naval Ship (Jyoti) deployed in eastern coast of Tamil Nadu has been diverted to A& N and is expected to reach Port Blair. There is sufficient drinking water supply in Port Blair and surplus water is being air dropped in other Islands.

#### **NICOBAR ISLANDS**

##### **Shipping:**

All small harbours and jetties have been damaged and not possible to park any vessels. Efforts on to restore the facilities. Pending restoration of shipping facilities, the supplies are being airlifted. The Navy is making arrangements to reach supplies to Car Nicobar through ferry by boats by Ship to the shore. Indian Coast Guards ships have reached Hut Bay and Cambel Bay with relief materials

**Civil Aviation:**

The airport made functional for Air Force flights for both An-32 and IL-76 flights. The link has been established on the small airstrip at Camp Bell Bay and the Dornier aircraft is running. MOD has pressed into service 3 IL-76 and 5 AN-32 aircrafts specifically for relief operations to Car Nicobar.

**Telecommunications:**

The telephone lines and equipments completely washed away. 31 Telephone exchanges have been made operational in A&N Islands. MHA dispatched 8 satellite phones with two operators. The link established at Car Nicobar from 28<sup>th</sup> December 2004. Of the above, 6 satellite Phones made available to the Deputy Commissioner, Car Nicobar for being installed in the other Islands. BSNL deputing 6 teams of 18 people along with the equipments to establish point-to-point communication in these Group of Islands. 10 INMARSAT Terminals have been placed to the affected Islands. ISRO has established 3 Satellite based telephone links on 31<sup>st</sup> December,2004.

**Power**

There are 27 medium and small DG sets of which 20 had been washed away. The remaining 7 are operational and supply power to Car Nicobar, Kamorda and Cambell Bay. DG sets have been dispatched and some of them have been made operational and it is expected that 2<sup>nd</sup> January,2005 all these D.G sets will be operational. Additional DG sets are also being made available.

**Rescue and Relief:**

Of the 38 inhabited islands, 30 islands are affected. Survey of all islands have been completed by 31<sup>st</sup> December. The situation in Car Nicobar Groups of Islands is improving rapidly. 12 Ships of Navy and Coast Guards and 16 Aircrafts fixed wings/Helicopters have been pressed in to service for relief and rescue work. Food packets are being airdropped and 3 relief camps have been opened in Car Nicobar. About 3000 persons have been accommodated in the relief camps.

Three Naval ships with food, water etc. were dispatched to Nancowri Group Islands on 30<sup>th</sup> December,2004. The medical teams, disaster management Teams and Volunteers have been deputed for relief and rescue works. One Indian Navy Ship (INS Brahmptura) with two Chetak helicopters and relief supplies has sailed from Mumbai on 31<sup>st</sup> December,2004 for deployment in Southern Group of A& N Islands. Indian Naval Ships and Indian Coast Guard Ships are deployed at the affected Islands of –Hut Bay, Kamrota, Chowra, Nancowry, Tarasa, Pulo Milan, Kondul, Car Nicobar,Great Nicobar. Indian Navy is augmenting the relief and rescue operations by deploying major naval ships with large quantities of relief assistance. 2 Indian Coast Guard helicopters and 6 ships are deployed in Nicobar Islands for relief operations.

Mass cremation/burial of dead bodies is being undertaken on day to day basis. To prevent the outbreak of epidemics supply of drinking water in the Nicobar Group of islands has been accorded priority, 32 medical officers from National level are assisting the A&N Administration, Emergency medicines and sanitation items have been dispatched/delivered. 2500 patients have been attended by the Central Medical Teams. Situation is being monitored by the Ministry of Health and no report of any outbreak of epidemics has been received so far.

Relief materials (food packets, Drinking water, emergency medicines, household kits, milk etc.) are being received and airdropped/dispatched to affected Islands. One Joint Secretary from MHA is camping at Nicobar / Andaman Islands and coordinating relief and rescue operations. It is reported that situation in Car Nicobar Group of Islands is expected to return to normalcy by 04.01.2005 except water and power supplies. A brief status of relief supplies, supply of high priority items and deployment of medical teams/disaster management teams is given below separately:

**Status of Relief Materials movement for Nicobar Islands (0800 hrs. 02.01.05)**

Item	Total resources mobilized (in MT)	Delivered (in MT) -Upto 0800 hrs –1 <sup>st</sup> Jan, 2005	Delivery being done on 2 <sup>nd</sup> Jan. 2005	Planned for dispatch/deliveryMT
Food items	198.68	128.58	54.84	70.10
Water	150.73	102.73	61.13	48.00
Emergency medicines/disinfectants	80.93	46.13	2.37	34.80
Tentage	347.75	142.05	82.45	205.70
Clothing	132.04	71.40	40.54	61.00
Lighting material	17.51	17.50	11.00	0.01
Diesel Gen. Sets./pumps	115.18	60.18	33.18	55.00
House hold items	3.50	3.50	0.50	0.00
Equip. & Machinery	241.00	153.00	153.00	88.00
Total	1287.32	724.71	439.01	562.61

### Status of delivery of High Priority Items

0800 hrs. 02.01.05

Item	Quantity delivered	Dispatched as on 02.01.05 at 0800hrs	Planned for 02.01.05
Water (MT)	103.00	61.00	58.00
Food Stuff (MT)	122.00	54.00	55.00
Small Tents (No.)	6526	835	500
Large Tents (No.)	256	00	00
Torches	20863	6000	00
Generators/pump sets.	480	250	130

### Status of deployment of Medical Teams/Disaster Response Teams and Volunteers

(0800 hrs. 02.01.05)

Type (number of persons)	Mobilized	Deployed
Specialized Medical Intervention Teams	148	148
Disaster Response Teams	1890	1704
Disaster Volunteers Teams	100	100
Total	2138	1952

### Air craft, helicopters and ships/Boats deployed (as per IDS reports)

No. of aircrafts/helicopters Deployed	Number of sorties planned	Total sorties made (progressive)	Persons evacuated	Relief material airlifting/air dropped	No. of ships/boats deployed d
6 IL 76 10 AN 32 5 MI8 1 Seaking 4 Dornier 4 Chetak 2 Civil flights in Cargo variant	6 of IL 76 11 of AN 32 2 of Civil flights in Cargo variant and other as per requirements of A& N Adm.	IL 76- 29 AN 32-93 Dornier-30 MI 8- 13 Civil flights-15	-1500 from Carnic -31 from Havelock -380 from Cambell Bay -78 from Chowra & Bampoka -1670 from Hutbay	65 MT of water to Carnic ,20 MT of water to Port Blair 50 MT of food, clothing and water to southern group of Islands, 50 MT DG sets, pumps,	9 Indian Navy (IN) ships 4 Coast Guard (CG) ships ( 4 ships are being loaded / en route with 180 MT

			16- Katchal (Total 3700)	bleaching power and food packets.	relief material)
--	--	--	-----------------------------	--------------------------------------	---------------------

### Overall Lifting Position on Last two days:

(a) Stock lifted as on 01.01.2005 at 0800 hours:	439.01MT
(b) Stock lifted as on 02.01.2005 at 0800 hours :	724.71 MT
(c) Stock planned to be lifted as on 02.01.05 :	153.00 MT (By air)
(d) Dispatched by Sea as on 02.01.2005 at 0800 hrs.:	280.00 MT (Ex-Chennai /Kolkatta)

### Supply of Petroleum Products (POL)

Full demand of POL products is being met. LPG stocks are being replenished on priority and additional 300 KL Kerosene has been released. ATF at Car Nicobar at Car Nicobar has been tested and found that products meet the specification. A team of officers of IOC is camping in Port Blair to monitor the stock and supplies. A dedicated tanker(MT Harsha) has been detailed for supplies to Port Blair from Haldia, which is expected to reach Port Blair on 03.01.2005. Status of POL supply as on date is as under:

Product	Stock (KL)	Cover (number of days)
M.S.Petrol	1006	35
SKO ( Kerosene)	639	24
HSD (Diesel)	7080	22
ATF		
a) Andaman	1410	15
b) Car Nicobar	0420	60
LPG (MT)	242	15

### MAINLAND (ANDHRA PRADESH, KERALA, TAMILNADU, PONDICHERY)

#### Shipping:

All seaports harbors are now fully functional including for export consignments.

#### Civil Aviation:

All Airports are functional.

#### National highway:

All national Highway are functional.

#### Telecommunications:

There was temporary disruption in telecom facilities in the coastal areas. The telecommunication facilities have since been restored.

#### Relief and Rescue:

##### Andhra Pradesh:

The State Government had taken relief, rescue and evacuated people to the safer places and provided food packets, distributed 25 Kg of rice to each affected families, Rs.1500 for fully damaged houses, Rs. 750 for partly damaged houses and Rs. 750 for clothes and utensils. Medical teams have been deputed in the affected villages. 4 Coast Guards ships and 5 Naval ships helped in search and rescue.101 Stationery medical Teams, 72 mobile medical teams and 568 para medical teams have been deployed to provide medical aid to the victims.

##### Kerala:

Relief operations are continuing and Army, Navy and Coast Guards have been assisting the local administration. The priority being accorded to supply of fumigation and disinfectant in affected areas to avoid outbreak of epidemics. Roads have been cleared and supply of drinking has been restored. Adequate medical arrangements have been made. State Government has deployed 224 doctors in the affected areas. Dornier and two helicopters were deployed for search and rescue in Kerala.



The situation has improved considerably. Out of 2.07 lakh people staying in relief camps, about 1.5 lakh have returned to their homes

**Tamil Nadu:**

Relief operations are continuing and Army, Navy and Coast Guards have been assisting the local administration. Army was pressed into service at Nagapattinam to restore the road as well to assist in the extraction of bodies from the boats, which are stacked one over the other. 400 CRPF recruits were made available and two Chetak Helicopters and Two Dornier Aircrafts were deployed for search and rescue. The Navy had sent their diving team to assist in the rescue operations. Indian Naval ships are deployed at Nagipattnam. One Coast Guard helicopter is also deployed for relief and rescue operations. Senior level Medical officers are coordinating with the State authorities for providing medical relief and prevent outbreak of epidemics.

**Pondicherry:**

Relief operations are continuing and Army and Navy have been assisting the local administration. One ship of Coast Guard is also engaged in relief and rescue operations in Karikal area. The Government of Pondicherry are making ex-gratia @ Rs. 1.0 lakh to the kind of deceased, cremation expenses @ Rs.5,000/-, medical expenses @ Rs.5000/-, housing subsidy @ Rs.10,000/- and cash assistance @ 2000/- for buying utensils. In addition, 20 Kg of rice, 2 pairs of Sarees and Lungies have been provided to the affected families.

\*\*\*\*\*