

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 already reached a figure of 8942. This will go up once confirmation regarding 3000 missing persons/feared dead in the Nicobar Group of Islands is received. The details are given in the [Annexure I.](#)

2. The Tsunamis affected a total of 2260 Kms. of the coast line besides the entire Nicobar Islands . The tidal waves on the mainland were of the height of 3 to 10 meters. These penetrated into the mainland from 300 meters to 3 Kms. The details are given in the [Annexure II.](#)

3. The massive relief and rescue operations mounted by the Government of India in association with States/UTs is continuing. Now the main focus is on prevention of outbreak of epidemics and relief & rescue operations in the affected areas with special attention to Nicobar Group of Islands . Relief materials (73.74 MT food, 41.30 MT drinking water ,43.76 MT medicines, 5947 tents, 14863 torches, 276 Gen. Sets) have been delivered. Relief materials are being airdropped at inaccessible areas. The detailed situation report is given in the [Annexure III.](#)

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## 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 evacuated	No. of Relief Camps/persons in the camps
A & N Islands	Bamboka	00			
	Car Nicobar	306			
	Chowara	39			
	Great Nicobar	64			
	Kondul	18			
	Kamorta	04			
	Katchal	00			
	Little Andaman	29			
	Little Nicobar	00			
	Nancowry	05			
	Pilmillow	230			
	Trinket	02			
	Terassa	00			
	South Andaman	08			
	<b>Total</b>	<b>712</b>	3754	3597	9/ 7857
Andhra	Krishna	35			

<b>Pradesh</b>					
	Guntur	04			
	Nellore	20			
	Parkasham	35			
	West Godavari	08			
	East Godavari	03			
	Visakhapatnam	00			
	<b>Total</b>	<b>105</b>	9	33,864	People gone back. All 65 Relief Camps closed
Kerala	Kollam	131			
	Alleppy	32			
	Ernakulam	5			
	<b>Total</b>	<b>168</b>	2	1,72,680	214/ 2.07 lakh
<b>Tamil Nadu</b>	Chennai	206			
	Cuddalore	599			
	Kancheepuram	124			
	Kanyakumari	808			
	Nagapattinam	5525			
	Pudukottai	15			
	Ramanathapuram	6			
	Tirunelveli	4			
	Thoothukudi	3			
	Thiruvallur	28			
	Thanjavur	22			
	Tiruvallur	10			
	Villupuram	47			
	<b>Total</b>	<b>7397</b>		4, 45,765	372/ 2.83 lakh
Pondicherry	Karaikal	453			
	Pondicherry	107			
	<b>Total</b>	<b>560</b>	109	70,000	48/25,000
	<b>Grand Total</b>	<b>8942</b>	<b>3874</b>	<b>7,25,906</b>	<b>643/ 5,22,857</b>

## Annexure -II

Ministry of Home Affairs  
NDM Division

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

Details	Andhra Pradesh	Kerala	Tamil Nadu	Pondicherry	A& N Island	Total
1	2	3	4	5	6	7
Coastal Length affected in Km	985	250	1000	25	NR	2260
Penetration of water into main land in Km.	0.50-2.0	1-2	1-1.5	0.30-3.0	NR	
Average height of the tidal wave	5 Mtrs.	3-5 Mtrs.	7-10 Mtrs.	10 Mtrs.	NR	
No. of Villages	301	187	367	26	14	895

affected					Islands	
Population affected (in lakh)	2.11	24.70	6.72	0.43	1.83	35.79
Dwelling units	1557	6280	85,878	6,403	NR	100318
Cattles lost	195	NR	5,582	3445	NR	9222
Cropped area(Ha)	790	NR	2487	790	NR	4067

NR = Not Reported.

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

### ANNEXURE III

#### 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	2	5.0 to 5.2
(up to 0800 hrs)		

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 fourth meeting of the Group of Ministers (GoM) constituted for monitoring relief and rehabilitation measures was held on 31<sup>st</sup> December, 2004 . GOM desired that assessment may be made about the specific items of the relief material required for Andaman Group of Islands so that only such relief material could be dispatched, the services of the NGOs /volunteers may be utilized for making food packets, additional officers from National level may be positioned for coordinating the distribution of relief, and the following actions have been initiated

Aboriginals (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) have been found safe. Survey for Shompens (398) is under progress and out of the 28,653 Nicoborese, 656 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.

## **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. One harbour at Port Blair is now fully functioning and is receiving large ships. Two earthquake design experts stationed at Port Blair for advice on reconstruction of Harbours/Jetties

##### **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>th</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 .

##### **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 . The power supply has improved to 40% due to deployment of DG sets.

### **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 .

### 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. 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. 01.01.05)

Item	Total resources mobilized (in MT)	Delivered (in MT) -Upto 0800 hrs – 31.12.04	Planned for dispatch/delivery(MT)
Food items	150.44	73.74	76.70
Water	115.80	41.30	74.50
Emergency medicines/disinfectants	79.56	43.76	35.80
Tentage	277.30	59.60	217.70

Clothing	113.00	30.50	82.50
Lighting material	11.51	11.50	0.01
Diesel Gen. Sets./pumps	88.00	32.00	56.00
House hold items	3.00	3.00	0.00
Equip. & Machinery	144.00	Nil	144.00
Total	982.61	295.40	687.21

#### Status of delivery of High Priority Items

Item	Numbers
Tents	5947
Torches	14,863
Generators	276
Water	41.3 MT

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

Type (number of persons)	Mobilized	Deployed
Medical Teams	148	148
Disaster Response Team	1356	1356
Disaster Volunteers	100	100
Total	1604	1604

#### 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, PONDICHERRY )

##### 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.

#### **Kerala:**

State Government has deployed 224 doctors in the affected areas. Dornier and two helicopters were deployed for search and rescue in Kerala.

#### **Tamil Nadu:**

The State Government of Tamil Nadu has diverted municipal Staff to help in the cremation/burial of dead bodies. 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. People reported stranded have mostly been evacuated by the State Government with the assistance from diving teams of Navy. Indian Naval ships are deployed at Nagipattnam. A three member team headed by Consultant in Medicine had reached Chennai and is coordinating with 15 member team constituted from CGHS Chennai for providing medical relief.

#### **Pondicherry :**

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/- . Pondicherry Administration has requested to provide one lakh pieces each of Blankets, Sarees, Dhotis and Bedsheets, 50,000 Pieces of CGI Sheets and 18000 Pieces of fishing nets. The government of Karnataka has been requested to provide the relief materials and move by road.

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