

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 Tsunami 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 7763 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 Tsunami 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 to10 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 . 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- 26th December 2004

(Provisional)

Name of States/ UT/	Districts/Islands	Human lives lost	Dead bodies disposed off	Total Persons missing including fishermen	Fishermen missing	Persons evacuated	No. of Relief Camps/persons in the camps
A & N Islands	Bamboka	00					
	Car Nicobar	306					
	Chowara	02					
	Great Nicobar	120					
	Kondul	18					
	Kamorta	00					
	Katchal	00					
	Little Andaman	29					
	Little Nicobar	00					
	Nancowry	05					
	Pilmillow	230					
	Trinket	02					
	Terassa	00					
	Tilangchang	00					
Total		712	Awaited	3000	NR	2677	9/3000

Andhra Pradesh	Krishna	35					
	Guntur	04					
	Nellore	20					
	Parkasham	35					
	West Godavari	08					
	East Godavari	03					
	Visakhapatnam	0					
	Total	105	105	22	11	35,000 (now back)	Now closed
Kerala	Kollam	131					
	Alleppy	32					
	Ernakulam	5					
	Total	168	168	2	Nil		214/2.07 lakh
Tamil Nadu	Chennai	199					
	Cuddalore	571					
	Kancheepuram	124					
	Kanyakumari	808					
	Nagappattinam	4379					
	Pudukottai	15					
	Ramanathapuram	6					
	Tirunelveli	4					
	Thoothukudi	3					
	Thiruvallur	27					
	Thanjavur	9					
	Tiruvarur	10					
	Villupuram	47					
	Total	6202	Awaited		NR	4, 34,335	373/2,91,864
Pondicherry	Karaikal	471					
	Pondicherry	105					
	Total	576	Awaited		Nil	70,000	48/25,000
	Grand Total	7763					

Annexure -II

Ministry of Home Affairs NDM Division

DETAILS OF IMPACT OF THE TSUNAMIS OF 26TH 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	0.50-2.0	1-2	1-1.5	0.30-3.0	NR	

land in Km.						
Average height of the tidal wave	5 Mtrs.	3-5 Mtrs.	7-10 Mtrs.	10 Mtrs.	NR	
No. of Villages affected	301	187	396	26	14 Islands	1035
Population affected (in lakh)	21.16	24.70	67.24	0.43	0.59	114.1
Dwelling units	1557	6280	78,360	6,403	NR	34058
Cattles lost	195	NR	5,472	3445	NR	4004
Cropped area(Ha)	790	NR	2487	NR	NR	3278

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 Government of India in association with the States/UTs have mounted massive relief and rescue operations. 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 . 856 MT of relief material have been mobilized for Nicobar Group of Islands of which 191 MT have been delivered. The remaining 665 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 third meeting of the Group of Ministers (GoM) constituted for monitoring relief and rehabilitation measures was held on 30th December,2004 and the actions have been initiated.

The A & N Administration has submitted the status about the Aboriginals (Tribes) as under:

SL No..	Aboriginals (Tribes)	Population (As per 2001 Census)	Location/Islands	Present status
1.	Andmanese	43	Strait Island	(49) Safe in Adi Basera, Port Blair
2.	Onges	96	Little Andaman	(94) Safe in Little Andaman surveyed by helicopter
3.	Jarawas	240	Middle/South Andaman	(266) Safe in the habitat
4.	Sentinelese	39	North Sentinel	(32) were seen on 30 th Dec-Surveyed by Helicopter and ship
5.	Shompens	398	Great Nicobar	Survey is being done
6.	Nicoborese	28,653	Nicobar	656 lives lost-about 3000 missing

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 th December,04	26	5.2 to 7.0
27 th Decembr,04	16	5.0 to 5.8
28 th Decembr,04	9	5.0 to 5.4
29 th December,04	12	5.0 to 5.8
30 th December,04	6	5.2 to 5.5
31 st December, 04 (upto0900 hrs)	6	5.2 to 5.8

An alert message was issued on the basis of inputs from Australian Pacific Tsunami Warning Centre received from IMD as a precautionary measures .IMD constantly monitored seismic activities in the region and reported that no earthquake of large (> 7.5) magnitude occurred in the Region, accordingly a message to stand down alert was issued. 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 massive relief and rescue operations mounted by the Government of India in association with the States/UTs are continuing round the clock. The priority is on relief supplies and evacuation in Nicobar Islands and rehabilitation in the affected States/UTs. **856 MT** of relief material have been mobilized for Nicobar Group of Islands of which **191 MT** have been delivered. The remaining **665 MT** of relief material is lined up for dispatch/delivery The MOD(INCP/IDS) were advised to further step up airlifting and airdropping of relief material to the Nicobar Group of Islands. The Navy is making arrangements to reach supplies to Car Nicobar through ferry by boat by Ship to the shore. One Indian Coast Guard ship arrived Hut Bay and at Cambell Bay on 30th December, 2004 with relief materials.

To prevent the outbreak of epidemics the following measures have been initiated:

- (i) Supply of drinking water in the Nicobar Group of islands has been accorded priority.
- (ii) 32 Doctors/Medical Officers from Central Government are assisting the A&N Administration.
- (iii) 80 Medical Officers have been mobilized in all and assisting the State Administrations.
- (iv) Emergency medicines and sanitation items have been dispatched/delivered.
- (v) Situation is being monitored by the Ministry of Health. No report of any outbreak of epidemics has been received

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 funds are being released to the States/UTs pending final assessment of requirements. The Cabinet has also decided to donate one month salary to the PM National Relief Fund. The Prime Minister has appealed to the people donate generously to the PM National Relief Fund and also requested the Government employees to contribute at least a day's salary.

STATE/UT WISE STATUS

ANDAMAN & NICOBAR ISLANDS

ANDAMAN ISLANDS

Shipping:

- A four member team from Naval Dockyard Vizag dispatched to Port Blair for repairs. A technical Team from Delhi also sent for assistance. Damage to harbour and Jetty in both civil and naval port facilities.
- 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 Harbour/Jetty

Civil Aviation:

- Port Blair airport which was damaged is now functional.
- 4385 passengers moved out between 27th to 31th 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.

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.

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 on 30th December,2004 .

Civil Aviation:

- The airport made functional for Air Force flights for both An-32 and IL-76 flights.
- The link 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.
- MHA dispatched 8 satellite phones with two operators. The link established at Car Nicobar from 28th 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.
- INMARSAT Terminals are being dispatched to the affected Islands .

Rescue and relief :

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 30th December,2004 . The medical teams, disaster management Teams and Volunteers have been deputed for relief and rescue works.

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.

One Indian Navy Ship (INS Brahmpura) with two Chetak helicopters and relief supplies has sailed from Mumbai on 31st December,2004 for deployment in Southern Group of A& N Islands .

Relief materials (food packets, Drinking water, emergency medicines, household kits, milk etc.) are being received and airdropped/dispatched to affected 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.

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 (1600 hrs.31.12.04)

Item	Total resources mobilized (in MT)	Delivered (in MT) -Upto 0800 hrs – 31.12.04	Planned for dispatch/delivery(MT)
Food items	109	53.30	55.70
Water	93	8.50	84.50
Emergency medicines/disinfectants	69.6	33.80	35.80
Tentage	279.00	48.80	230.20
Clothing	106.00	28.00	78.00
Lighting material	5.51	3.51	2.01
Diesel Gen. Sets./pumps	41.00	12.00	29.00

House hold items	3.00	3.00	----
Equip. & Machinery	150.00	Nil	150.00
Total	856.11	190.91	665.21

Status of delivery of High Priority Items. (1600 hrs. 31.12.2004)

Item	Numbers
Tents	6577
Torches	10,000
Generators	300

Status of deployment of Medical Teams/Disaster Response Teams and Volunteers
(1600 hrs. 31.12.2004)

Type (number of persons)	Mobilized	Deployed	Planned
Medical Teams	148	148	Nil
Disaster Response Team	1356	876	480
Disaster Volunteers	100	100	Nil
Total	1604	1124	480

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 31.12.2004 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.
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Relief and Rescue:**Andhra Pradesh:**

- 4 Coast Guards ships and 5 Naval ships helped in search and rescue in Andhra Pradesh.
- The State Government of Andhra Pradesh had taken relief, rescue and evacuation measures. State Government evacuated about 9000 persons to the safer places and provided food packets. Medical teams have been deputed in the affected villages.
- The Government of Andhra Pradesh has 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.

Kerala:

- One Coast Guard Dornier and two helicopters were deployed for search and rescue in Kerala.

Tamil Nadu:

- 400 CRPF recruits were made available to govt. of Tamilnadu.
- Two Chetak Helicopters and Two Dornier Aircrafts were deployed for search and rescue in Tamil Nadu.
- 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.
- The State Government of Tamil Nadu has diverted municipal Staff to help in the cremation/burial of dead bodies.
- Army has been 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. It is expected that with this manpower the bodies will be cremated/buried in a day or two.

Pondicherry :

- Pondicherry has requested for relief material. One IL 76 load of 20 MT has been dispatched on 28.12.04 ex-Mumbai; courtesy Govt. of Maharashtra
- 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.
- 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/- .

The status of people evacuated, relief camps opened and persons accommodated in relief camps as well as doctors deployed in the affected States is as under:

State/UT	People evacuated (number)	Relief Camps (number)	People accommodated in Relief Camps (number)	Doctors deployed (number)
Andhra Pradesh	35,000	65 (now closed)	35,000 (almost all have gone back)	N.R.
Kerala	84,773	142	84,773	224
Tamil Nadu	4,34,335	373	2,91,864	485
Pondicherry	70,000	45	46,000	58
