

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. 94 aftershocks of intensities between 5.0 to 7.0 on Richter scale have been reported so far. The death toll is now at 9451. This is likely to 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 and relief camps are in [Annexure I](#). The details of damage to crops, dwelling units and population affected are in [Annexure-II](#).

2. Rs. 250 crore to Tamil Nadu, Rs. 100 crore each to AP and Kerala have been provided from NCCF. Separately Rs. 35 crore to Pondicherry and Rs. 100 crore to A&N Islands has been given. An Integrated Relief Command (IRC) for the Andaman & Nicobar Groups of Islands has become operational. Three Central Teams under overall supervision of Secretary (BM), Ministry of Home Affairs are leaving between 4th to 7th January 2005 to visit Tamil Nadu, AP and Kerala for assessment.

3. The massive relief and rescue operations mounted by the Government of India in association with States/UTs are continuing. 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 where 31 Telephone exchanges have been made operational, 22 satellite phones are functional, 40% of the normal power supply has been restored in Port Blair. Medical relief is under continuous surveillance by MoH. No report of outbreak of epidemics has been received so far.

4. Relief materials (182.58 MT food, 163.73 MT drinking water, 46.13 MT medicines, 7361 tents, 26863 torches, 730 Gen. Sets) have been delivered so far.

5. 1362 personnel of Central Para Military Forces (additional 58 BSF personnel on way) including specialists Search and Rescue Teams; 80 Doctors and 20 nurses of Central Institutions are deployed in various Islands besides the efforts of Armed Forces.

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

7. The situation report can also be viewed at Web www.ndmindia.nic.in.

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ANNEXURE-I

1600 hrs. 02.01.05

MINISTRY OF HOME AFFAIRS NDM DIVISION

Human lives lost in the wake of Tsunami/ Tide Wave in the Bay of Bengal- 26th 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 |
|---------------------|-------------------|------------------|---|-------------------------------|--|
| | | | | | |

| | | | | | |
|--------------------------|---------------------------|-------------|-------------|---------------|---|
| A & N Islands | Neil | 00 | 29 | | |
| | Car Nicobar | 306 | | | |
| | Chowara | 39 | 36 | | |
| | Great Nicobar/Cambell Bay | 71 | 16 | | 1/4000 |
| | Kondul | 18 | | | |
| | Kamorta | 04 | 423 | | 3/1500 |
| | Katchal | 96 | 4657 | | 1/3759 |
| | Little Andaman | 33 | 10 | | |
| | Little Nicobar | 00 | | | |
| | Nancowry | 05 | | | |
| | Pilmillow | 230 | | | |
| | Trinket | 02 | 230 | | |
| | Terassa | 00 | | | |
| | South Andaman | 08 | 20 | | 11/3811 |
| | Total | 812 | 5421 | 9136 | 16/ 13070 |
| Andhra Pradesh | Krishna | 35 | | | |
| | Guntur | 04 | | | |
| | Nellore | 20 | | | |
| | Parkasham | 36 | | | |
| | West Godavari | 08 | | | |
| | East Godavari | 03 | | | |
| | Visakhapatnam | 00 | | | |
| | Total | 106 | 7 | 33,864 | People gone back. All 65 Relief Camps closed |
| Kerala | Kollam | 130 | | | |
| | Allappuzha | 31 | | | |
| | Ernakulam | 5 | | | |
| | Total | 166 | 2 | 55557 | 85/ 55557 |
| Tamil Nadu | Chennai | 206 | | | |
| | Cuddalore | 603 | | | |
| | Kancheepuram | 124 | | | |
| | Kanyakumari | 817 | | | |
| | Nagapattinam | 5905 | | | |
| | Pudukottai | 15 | | | |
| | Ramanathapuram | 6 | | | |
| | Tiruneveli | 4 | | | |
| | Thoothukudi | 3 | | | |
| | Thiruvallur | 28 | | | |
| | Thanjavur | 23 | | | |
| | Tiruvarur | 12 | | | |
| | Villupuram | 47 | | | |
| | Total | 7793 | | 462550 | 402/ 307939 |
| Pondicherry | Karaikal | 467 | | | |
| | Pondicherry | 107 | | | |
| | Total | 574 | 81 | 70,000 | 48/ 10,000 |
| | Grand Total | 9451 | 5511 | 631107 | 551/ 386566 |

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

ANNEXURE-II

Ministry of Home Affairs
NDM Division

1600 hrs. 02.01.05

DETAILS OF IMPACT OF THE TSUNAMIS OF 26TH 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 | 6.78 | 0.43 | 34.02 |
| Dwelling units | 1557 | 11832 | 94979 | 6,403 | 114771 |
| Cattle lost | 195 | NR | 5476 | 3445 | 9116 |
| Cropped area(Ha) | 790 | NR | 2523 | 790 | 4103 |

NR = Not Reported.

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

ANNEXURE - III

1600 hrs. 02.01.05

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

ANDAMAN & NICOBAR ISLANDS

ANDAMAN ISLANDS

Shipping: One harbour at Port Blair is now fully functional and is receiving large ships.

Civil Aviation: Port Blair airport which was damaged is now functional.

Telecom: The telephone facilities which were temporarily disrupted are functional.

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 normal in middle Andaman Island. In other Islands arrangements are being to restore the power supply.

Relief and Rescue: Relief measures by UT Administration are 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. There is sufficient drinking water supply in Port Blair and surplus water is being air dropped in other Islands. One ship MV Nancowry carrying 356 passengers and relief material including food items, vegetables, drinking water etc. departed from Chennai in the intervening night 1st and 2nd 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.

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. Two Jetties are likely to be made functional in next 24hrs.

Civil Aviation: The airport is 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 operating.

Telecommunications: The telephone lines and equipments completely washed away. 31 Telephone exchanges have been made operational in A&N Islands. 22 satellite Phones are also operational. BSNL has deputed 6 teams of 18 people along with the equipments to establish point-to-point communication in these Group of Islands.

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 in a day or two, all these D.G sets will be operational.

Health: 32 medical officers and 20 nurses from National level are assisting the A&N Administration. Additional 10 paramedics are being deployed. Emergency medicines and sanitation items have been dispatched/delivered.

Rescue and Relief: Of the 38 inhabited islands, 30 islands are affected. Survey of all islands have been completed. The situation in Car Nicobar Groups of Islands is improving rapidly. 14 Ships of Navy and Coast Guards and 16 Aircrafts fixed wings/Helicopters have been pressed in to service for relief and rescue work. 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.

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. 4 additional DANICS officers have been deputed on 02.01.05 for assisting A&N administration. 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, and deployment of medical teams/disaster management teams is given below separately:

Status of Relief Materials movement for Nicobar Islands (1600 hrs. 02.01.05)

| Item | Total resources mobilized (in MT) | Delivered (in MT) -Upto 0800 hrs -1 st Jan, 2005 | Delivery being done on 2 nd Jan. 2005 | Planned for dispatch/delivery MT |
|-----------------------------------|-----------------------------------|--|--|----------------------------------|
| 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 deployment of Medical Teams/Disaster Response Teams and Volunteers

(1600 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 |

Supply of Petroleum Products (POL)

Full demand of POL products is being met. LPG stocks are being replenished on priority and additional 500 KL Kerosene has been released. ATF at Car Nicobar at Car Nicobar has been tested and found that products meet the specification. In addition to the existing 4 ATF re-fuellers, 2 additional are being provided of which one has been airlifted from Kolkata on 1st January 2005. A dedicated tanker(MT Harsha) with carrying 1400 KL ATF, 450 KL SKO and 500 KL HSD has been detailed for supplies to Port Blair from Haldia, which is expected to reach Port Blair on 04.01.2005. Status of POL supply as on 02.01.05 is as under:

| Product | Stock (KL) | Cover (number of days) |
|-----------------|------------|------------------------|
| M.S.Petrol | 928 | 30 |
| SKO (Kerosene) | 567 | 22 |
| HSD (Diesel) | 6539 | 19 |
| ATF | | |
| a) Andaman | 1014 | 07 |
| b) Car Nicobar | 0420 | 60 |
| LPG (MT) | 221 | 14 |

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. The Ministry of Surface Transport have constituted and deployed Field level teams in all affected States/UTs for assessment of damage and repairs.

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

Supply of Petroleum Products (POL): Full demand of POL products is being met including LPG in the affected areas on priority. Additional Kerosene 10,000 KL each to Tamil Nadu and Andhra Pradesh, 7,000 KL to Kerala and 400 KL to Pondicherry has been released by the Ministry of Petroleum and Natural Gas.

Relief and Rescue:

Andhra Pradesh: The relief and rescue operation are being continued by the State Government. 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. The situation has improved considerably and people have returned to their homes from the relief camps.

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. 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. Indian Naval ships are deployed at Nagipattnam. One Coast Guard helicopter is also deployed for relief and rescue operations. Union Health Minister is camping at Chennai and 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.
