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

# Subject: Tsunami impact (26<sup>th</sup> December 2004) in A &N Islands, UT of Pondicherry and other coastal States of Tamil Nadu, Andhra Pradesh and Kerala –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. Aftershock activity is still continuing and 128 aftershocks have been reported so far (117 between >5.0-6.0< and 11 are > 6.0 on Richter scale). The death toll is at 10672. The total number of missing persons is at 5711 of which 5625 are from A&N Islands , who are feared to be dead. The details of deaths, missing and relief camps are in <u>Annexure I</u>. The details of damage to crops, dwelling units and population affected are in <u>Annexure-II</u>. Now the focus is mainly on providing temporary houses for those who have lost houses, provide wage employment, restore infrastructure and rehabilitate the affected people so that they can begin their normal lives.

2. In addition to tents, GI sheets are being dispatched/delivered to the affected States/UTs for construction of temporary shelters. 46,375 GI sheets have already been dispatched till 12.1.2005. The fisherman of Ramanathapuram and Thoothukkudi districts of Tamil Nadu have resumed fishing activity in a big way while the activity on the coast of Pudukkottai, Thanjavur and Kanniyakumari districts is picking up momentum. The fishermen, in north and central coastal districts of Andhra Pradesh comprising of Srikakulam, Vizainagaram, Visakhapatnam, East Godavari, West Godavari and Krishna, have started fishing activity. Fishermen in Kerala who have not lost their fishing crafts and implements have resumed fishing in Polam, Alappuzha and Ernakulam districts. Fishermen in other affected districts of Tamil Nadu, Kerala and Andhra Pradesh have not resumed fishing activities since their crafts and gear need repair/replacement. The State Governments have taken up the matter for early resumption of fishing activities.

3. The affected States/UTs have been sensitized about the apprehension of orphaned children being trafficked. The State Governments/UT Administrations have been requested to keep vigilance about the safety of the children who have been orphaned and women who have been widowed in the Tsunami and prepare list of such orphaned children and widows and monitor their welfare. The Ministry of Social Justice and Empowerment has taken up various measures for relief and rehabilitation of women, children and disabled people affected by Tsunami. Child Helplines have been set up, Short Stay Home for women have been opened; senior officials are coordinating with NGO's and State Governments for long-term rehabilitation of affected women and children. Central Adoption Resource Authority recognized agencies for adoption are being advised to provide care and protection to the orphans and make efforts for their adoption within the State/Country. District Disability Rehabilitation Centres in the affected States/UTs have been made responsible for providing aids and appliances for the disabled persons.

4. A total of 5199.12 MT relief materials (937.32 MT by Air and 3105.698 MT by ship and 1156.09 by Rail) has been dispatched/delivered to A&N Islands comprising of 1332.78 MT food items, 1156.64 MT drinking water, 163.75 MT medicines/disinfectant, 12,647 tents, 745 Gen. Sets, 82 Pump sets, 3 Desalination Plants and 5 vehicles. The movement status of relief material for all affected States/ UTs is in <u>Annexure-III</u>.

5. The A&N Administration has again been requested to launch intensive combing operation in various Islands with support from Defence Forces to rescue survivors.

- 6. The efforts of the Government of India in brief are at <u>Annexure IV</u>.
- 7. The situation report can also be viewed at <u>www.ndmindia.nic.in</u>.

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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<br>States/ UT/ | Districts/Islands                    | Population<br>(Total for<br>A&N/Affected<br>for others) | Human<br>lives<br>lost | Total<br>Persons<br>missing<br>incldg<br>fisher<br>men | Persons<br>moved to<br>safer<br>places | No. of Relief<br>Camps/persons<br>in the camps |
|------------------------|--------------------------------------|---|------------------------|--|--|--|
| A & N<br>Islands       | Bambooka                             | 55  | 00                     | 17   | 00                                     | Evacuated                                      |
|                        | Car Nicobar                          | 20292   | 753                    | 370  | 7791                                   | 53/12894                                       |
|                        | Chowara                              | 1385  | 41                     | 15   | 13                                     | Evacuated                                      |
|                        | Great Nicobar/<br>Campbell Bay       | 7566  | 336                    | 220  | 1687                                   | 14/4328  |
|                        | Kondul                               | 150   | 38                     |  |  | Evacuated                                      |
|                        | Kamorta                              | 3412  | 48                     | 390  | 312                                    | 4/1476   |
|                        | Katchal                              | 5312  | 303                    | 4354   | 277                                    | 4/1816   |
|                        | Little Andaman                       | 17528   | 50                     | 15   | 4286                                   | 7/ 6569  |
|                        | Little Nicobar                       | 353   | 43                     |  |  | Evacuated                                      |
|                        | Middle Andaman                       | 54385   | 03                     |  |  |  |
|                        | Nancowry                             | 927   | 01                     | 01   |  | 2/934  |
|                        | Pilomillow                           | 145   | 163                    |  |  | Evacuated                                      |
|                        | Trinket                              | 432   | 03                     | 234  |  | Evacuated                                      |
|                        | Terassa                              | 2026  | 50                     | 9  |  | 8/3296   |
|                        | South Andaman<br>includes Port Blair | 181949  | 05                     |  | 3368                                   | 14/4649  |
|                        | Strait Island                        | 42  | 00                     | 00   | 29                                     |  |
|                        | Total                                | 295959  | 1837                   | 5625*  | 17763                                  | 106/35962                                      |
| Andhra<br>Pradesh      | Krishna                              | 13061   | 27                     |  |  |  |
|                        | Guntur                               | 30700   | 12                     |  |  |  |
|                        | Nellore                              | 16578   | 20                     |  |  |  |
|                        | Parkasham                            | 92547   | 35                     |  |  |  |
|                        | West Godavari                        | 2395  | 08                     |  |  |  |
|                        | East Godavari                        | 7836  | 03                     |  |  |  |
|                        | Visakhapatnam                        | 33203   | 00                     |  |  |  |
|                        | Total                                | 196320  | 105                    | 11   | 34,264                                 | People gone                                    |

#### Situation Report 31 - 1200 hrs 13.01.2005

|        |            |         |     |       | back. All 65<br>Relief Camps<br>closed |
|--------|------------|---------|-----|-------|--|
| Kerala | Kollam     | 600000  | 131 |       |  |
|        | Allappuzha | 400000  | 35  |       |  |
|        | Ernakulam  | 300000  | 5   |       |  |
|        | Total      | 1300000 | 171 | 24978 | 29/24978                               |

| Name of<br>States/ UT/ | Districts/Islands | Population | Human<br>lives<br>Lost | Total<br>Persons<br>missing<br>incldg<br>fisher<br>men | Persons<br>moved to<br>safer<br>places | No. of Relief<br>Camps/persons<br>in the camps |
|------------------------|-------------------|------------|------------------------|--|--|--|
| Tamil<br>Nadu          | Chennai           | 65322      | 206                    |  | 30000                                  | 25/ 30000                                      |
|                        | Cuddalore         | 99704      | 612                    |  | 61054                                  | 38/24204                                       |
|                        | Kancheepuram      | 100000     | 128                    |  | 60000                                  | 44/ 28792                                      |
|                        | Kanyakumari       | 187650     | 824                    |  | 46280                                  | 62/ 41250                                      |
|                        | Nagapattinam      | 196184     | 6051                   |  | 196184                                 | 96/91036                                       |
|                        | Pudukottai        | 66350      | 15                     |  | 4857                                   | 7/ 4857  |
|                        | Ramanathapuram    | 6815       | 6                      |  | 8350                                   | 36/ 8350                                       |
|                        | Tirunelveli       | 27948      | 4                      |  | 11170                                  | 20/11170                                       |
|                        | Thoothukudi       | 13072      | 3                      |  | 13072                                  | 23/11625                                       |
|                        | Thiruvallur       | 25600      | 29                     |  | 15600                                  | 13/4700  |
|                        | Thanjavur         | 24000      | 26                     |  | 4600                                   | 13/ 4600                                       |
|                        | Tiruvarur         | NA         | 17                     |  | 11295                                  | 21/ 11295                                      |
|                        | Villupuram        | 78240      | 47                     |  | 37500                                  | 14/37500                                       |
|                        | Total             | 890885     | 7968                   |  | 499962                                 | 412/ 309379                                    |
| Pondi<br>cherry        | Karaikal          | 17432      | 484                    | 66   | 15000                                  | 22/ 5200                                       |
| 2                      | Pondicherry       | 26000      | 107                    | 9  | 55000                                  | 26/900   |
|                        | Total             | 43432      | 591                    | 75   | 70,000                                 | 48/ 6100                                       |
|                        | Grand Total       | 2726596    | 10672                  | 5711   | 646967                                 | 595/376419                                     |

\*Information is based on the Survey being undertaken of inhabitated Islands.

#### Annexure -II

## Ministry of Home Affairs NDM Division

# DETAILS OF IMPACT OF THE TSUNAMIS OF $26^{\text{TH}}$ December 2004 – On the main land states

| Details Andhra Kerala Tamil Nadu<br>Pradesh Tamil Nadu | lu Pondicherry Total |
|--|----------------------|
|--|----------------------|

https://web.archive.org/web/20171113065714/http://ndmindia.nic.in/Tsunami2004/sitrep31.htm

| 1  | 2        | 3         | 4          | 5        | 7      |
|--|----------|-----------|------------|----------|--------|
| Coastal Length<br>affected in Km                 | 985      | 250       | 1000       | 25       | 2260   |
| Penetration of<br>water into main<br>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<br>affected                      | 301      | 187       | 376        | 33       | 897    |
| Population<br>affected (in lakh)                 | 1.96     | 13.00     | 8.90       | 0.43     | 24.29  |
| Dwelling units                                   | 1557     | 17381     | 128394     | 10061    | 157393 |
| Cattle lost                                      | 195      | NR        | 9559       | 506      | 10260  |
| Cropped area<br>(Ha)                             | 790      | NR        | 10245      | 792      | 10260  |
| Boats damaged (nos.)                             | 1362     | 10065     | 45920      | 6678     | 74025  |

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

#### ANNEXURE-III

Ministry of Home Affairs NDM Division

### Status of Relief resources movement (All affected States/ UT)

#### **Overall Lifting Position**

| Total stock lifted as on 12.01.2005 at 0900 hrs | 6031.52 MT (947.15 MT by Air, 2866.94 MT by Ship, 2217.20 MT by Train) |
|---|--|
| Total stock lifted as on 13.01.2005             | 7258.46 MT (960.564 MT by Air, 3105.698 by                             |

https://web.archive.org/web/20171113065714/http://ndmindia.nic.in/Tsunami2004/sitrep31.htm

| 16/2018                                     | Situation Report 31 - 1200 hrs 13.01.2005 |
|---|---|
| at0900 hrs.                                 | Ship, 3192.2 MT by Train)                 |
| Stock planned to be lifted as on 13.01.2005 | 270 MT (20 MT by Air, 250 MT by Ship)     |

#### **Status of Relief Materials Movement**

| Item                                 | Total resources<br>mobilized<br>(MT) | Lifted/ Delivered<br>on 12 <sup>th</sup> Jan. 2005 | Cumulative<br>lifting/ delivery<br>(MT) | Pipeline (MT) |
|--------------------------------------|--------------------------------------|--|---|---------------|
| Food items                           | 2212.30                              | 126.90   | 2205.50                                 | 6.80          |
| Water                                | 1257.64                              | 7.00   | 1257.64                                 | 0.00          |
| Emergency<br>medicines/disinfectants | 195.07                               | 4.00   | 179.87                                  | 15.20         |
| Tentage                              | 545.19                               | 6.00   | 413.19                                  | 132.00        |
| Clothing                             | 535.55                               | 17.00  | 475.87                                  | 59.68         |
| Lighting material                    | 48.52                                | 0.00   | 48.51                                   | 0.01          |
| Diesel Gen.<br>Sets./pumps           | 153.37                               | 2.37   | 146.37                                  | 7.00          |
| House hold items                     | 268.59                               | 103.50   | 268.59                                  | 0.00          |
| Equip. & Machinery                   | 2262.94                              | 960.17   | 2262.94                                 | 0.00          |
| Total                                | 7479.15                              | 1226.94  | 7258.46                                 | 220.69        |

Status of delivery of High Priority Items

| Item               | Cumulative | Dispatched/     | Planned for |
|--------------------|------------|-----------------|-------------|
|                    | stock      | delivered as on | dispatch    |
|                    | dispatched | 12.01.05        | 13.01.05    |
| Water (MT)         | 1258       | 7               | 50          |
| Food Packets(MT)   | 156        | 0               | 20          |
| Food Stuff (MT)    | 2050       | 127             | 40          |
| Small Tents (No.)  | 12397      | 600             | 300         |
| Large Tents (No.)  | 2318       | 0               | 100         |
| Torches            | 60163      | 15000           | 500         |
| Generators         | 745        | 12              | 20          |
| Pump Sets          | 82         | 0               | 10          |
| Desalination Plant | 3          | 0               | 0           |
| (No.)              |            |                 |             |
| Vehicles (Nos.)    | 5          | 1               | 8           |
| GI Sheets          | 46375      | 46375           | 0           |

#### Status of deployment of Public Health/disaster management/ and Volunteer Teams

| Type (number of persons)         | Mobilized | Deployed |
|----------------------------------|-----------|----------|
| Specialized Medical Intervention | 148       | 148      |
| Teams                            |           |          |
| Disaster Response Teams          | 2156      | 2156     |
| Disaster Volunteers Teams        | 100       | 100      |
| Total                            | 2404      | 2404     |

#### No. of Aircrafts made available as on:

(i) 11.01.05

: 2 Alliance Aircraft

(ii) 11.1.05

#### **ANNEXURE- IV**

Government of India Ministry of Home Affairs

#### Tsunami impact (26<sup>th</sup> December 2004) in A &N Islands, UT of Pondicherry and other coastal States of Tamil Nadu, Andhra Pradesh and Kerala – Relief, Response and Rehabilitation measures by Government of India

The Tsunamis have caused extensive damage in Andaman & Nicobar Islands, the States of Andhra Pradesh, Kerala and Tamil Nadu and UT of Pondicherry. 128 aftershocks have been reported so far (117 between >5.0-6.0< and 11 are > 6.0 on Richter scale). The death toll is at 10,672. The total number of missing persons is at 5711 of which 5625 are from A&N Islands, who are feared to be dead.

The Tsunamis affected a total of 2260 Kms. of the coast line besides the entire Nicboar 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 Tsunami phenomenon was experienced for the first time in the country. This was caused because of earthquake on 26.12.2004 at 0629 hrs. which was of high magnitude and intensity of >8 (8.6)MW scale off West Coast of Sumatra Islands (Indonesia). Subsequently, there was an earthquake off coast of Great Nicobar Islands with magnitude of > 6.5 (MW) at 0952 hrs. IST on 26.12.2004.

The Cabinet reviewed the situation on 27.12.2004 and emphasized the need of providing all the required help to the people in the affected areas. The Group of Ministers has been set under the Chairmanship of the Prime Minister to review the relief and rehabilitation efforts on continued basis. The National Crises Management Committee under the Chairmanship of Cabinet Secretary is reviewing the relief and rehabilitation measures with the Secretaries of the concerned Ministries/Departments and Chiefs of the Armed Forces.

An All Party meeting was convened on 9<sup>th</sup> January 2005 to discuss the relief, rehabilitation and reconstruction efforts in the Tsunami affected areas and assistance provided to the neighbouring countries in the region affected by the Tsunami. The Government informed that a Bill will be introduced in the Parliament during the coming Budget Session for establishing the National Disaster Management Authority and the Central Legislation on Disaster Management in the country. The Ministry of Science and Technology will also initiate action for setting up the Tsunami Warning Centre. The team of experts will also be deputed to carry out the Geo-oceanography Study of Islands in the Nicobar Group of Islands. The Government also assured of a comprehensive relief package for the Tsunami affected families to enable them to re-start a secured normal life.

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 Calamity Contingency Fund (NCCF) has been augmented by Rs. 500.00 crore. The Cabinet has also decided to donate onemonth 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 besides the speedy consideration of the proposal for established National Disaster Management Agency.

An Integrated Relief Command (IRC) for the Andaman & Nicobar Groups of Islands was set up and has become operational.

Now the focus is mainly on providing temporary houses for those who have lost houses, provide wage employment, restore infrastructure and rehabilitate the affected people so that they can begin their normal lives. In addition to tents, GI sheets are being dispatched/delivered to the affected States/UTs for construction of temporary shelters. 46,375 GI sheets have already been dispatched till 12.1.2005. Situation is improving gradually and the Fisherman of Ramanathapuram and Thoothukkudi districts have resumed fishing activity in a big way. While the activity on the coast of Pudukkottai, Thanjavur and Kanniyakumari districts is picking up momentum, the fishing activity in

Chennai, Kancheepuram, Cuddalore, Thiruvallur and Nagapattinam is yet to gain momentum. The fishermen, in north and central coastal districts of Andhra Pradesh comprising of Srikakulam, Vizainagaram, Visakhapatnam, East Godavari, West Godavari and Krishna, have started fishing activity and that of Guntur, Prakasam and Nellore districts could not resume the fishing activity due to lack of fishing implements which have been lost/damaged in Tsunami. Fishermen in Kerala who have not lost their fishing crafts and implements have resumed fishing in Polam, Alappuzha and Ernakulam districts. Other traditional fishermen and boat owners have not resumed fishing activities since their crafts and gear need repair/replacement. The State Governments have taken up the matter for early resumption of fishing activities.

## **Ministry of Home Affairs**

The Ministry of Home Affairs being the nodal Ministry has been coordinating the relief, response and rehabilitation measures with the affected States/ UTs, the Central Ministries/Departments providing emergency support including the Ministry of Defence and Armed Forces and the other States and NGOs. The MHA Control Room has been functioning round the clock and coordinating the relief and response responsibilities. The Ministry is coordinating the mobilization of resources and their dispatches and other logistics.

The affected State Governments/UT Administrations and Ministry of Railways have been requested that delivery of the relief materials by the Ministry of Railways booked by the recognized political parties may be made to the concerned District Magistrate/Relief Commissioner and then handed over to the political parties which the consigner for distribution in the affected areas if they so desire. The State Government/UT Administrations have been further requested to extend all necessary help and facilitate the distribution of the relief materials by concerned political parties.

The affected States/UTs have been sensitized about the apprehension of orphaned children being trafficked. The State Governments/UT Administrations have been requested to keep vigilance about the safety of the children who have been orphaned and women who have been widowed in the Tsunami and prepare list of such orphaned children and widows and monitor their welfare.

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 (now increased to Rs. 200 crore) to A&N Islands has been given.

Three Inter-Ministerial Teams each headed by a Joint Secretary of MHA and under the overall supervision of the Secretary (BM), Ministry of Home Affairs inter alia including members of Ministries/Departments of Animal Husbandy (Fisheries), Agriculture, Rural Development, Tele-communication, Power, Shipping, Drinking Water Supply, Ministry of Road Transport and Highways visited the States of Tamil Nadu, Andhra Pradesh and Kerala and Pondicherry from 4-6<sup>th</sup> January ,2005 to have an on the spot assessment of the situation and requirements of Central assistance for relief and rehabilitation. These States/UTs have projected the damage/ reconstruction cost at Rs 7000 crore (US Dollar 1.56 billion). The detailed damage assessment for A&N Islands is being made where the Nicobar Group of Islands will require more or less re-building.

2107 personnel of Central Para Military Forces drawn from CRPF, CISF, ITBP, BSF and RAF (these comprise of specialists teams from CISF and ITBP who are also Medical First Responders) were deployed for search and rescue operation, road clearance, disposal of dead bodies, sanitation activities like spraying bleaching powder, DDT, Phenyl in relief camps, distribution of relief materials, unloading and guarding of relief materials etc. The deployment is now 1460 (CRPF-605, CISF-147, ITBP-85, BSF-377, RAF-246). The CPMF have provided medical first aid to 2773 persons, evacuated 3703 persons and 335 dead bodies were cremated/ buried.

## 2. Ministry of Defence:

The Armed Forces have launched operation "Sea Waves" for relief, rescue and evacuation in the wake of Tsunami disaster which has been coordinated by Integrated Defence Staff (IDS). 5 ships are deployed in Nicobar Group of Island, 4 in Nancowry Group, 34 LCU in Car Nicobar and 2 in Little Andaman. 5 army columns are engaged in Tamil Nadu and 5 in Kerala. 656 MT of relief materials has been supplied inter Island with flying efforts of 455 sorties. Since Jetties are usable by small ships, MoD is continuing relief supplies by Naval ships and small local boats. They are also continuing air dropping by IAF helicopters ex Car Nicobar and by Naval helicopters ex Port Blair in two inaccessible areas. Medical teams have also been deployed. 2 ships are deployed in Tamil

Nadu/Pondicherry. Under operation "Rainbow" for Sri Lanka, 230 sorties have been undertaken and 181 personnel evacuated. Under Operation "Castor" for Maldives 50 sorties were undertaken and 15 peoples were evacuated from outlying Islands. 24 ships, 16 helicopters and 5 fixed wing aircrafts of the Indian Navy are engaged in relief operations, deploying 4,500 naval personnel. Under operation "Gambhir" for Indonesia, the Navy has provided relief materials besides running a medical camp. The Navy in its efforts has also been supported by the ships, Dornier Aircrafts and personnel of the Indian Coast Guard.

## **3.** Ministry of Health:

DGHS is assessing the requirement of medical manpower and supplies. Teams have been constituted and kept in readiness including that of Psychiatrists in all Central Government institutions to be dispatched at short notice. About 89 doctors (consisting of 32 physicians including 6 psychiatrists, 41 General Duty Medical Officers, 16 Public Health Specialists), 5 nurses and 75 paramedics (including fumigators) have been mobilized from Central Government Institutions to the affected areas. Of the above, a team of 52 doctors consisting of public health specialists, medical specialists and General duty medical officers are deployed in A&N Islands to assist the UT Administration in providing medical relief. The teams from National Institute of Mental Health and Neuro Sciences (NIMHANS), Bangalore is coordinating the Psycho social relief and rehabilitation work along with other premier institutions in the country like AIIMS, PGI Chandigarh and Central Institute of Psychiatry, Ranchi. These teams undertook OPD services at Port Blair relief camps and as of now 1700 affected and severely disturbed victims were given treatment. 34 volunteers have been trained at A&N Islands. A total of 26,710 have been attended by the central medical teams. The focus is on provision of safe drinking water, proper disposal of excreta, trench latrines and improvement of personal hygiene. 1.5 MT of Malathion, 500 Ltrs. Of Temephos, Fenthion and 5000 insecticide treated bed nets have been supplied to A&N Islands from AP. Ministry of Health is constantly monitoring the situation and there are no reports of any epidemic.

## 4. Ministry of Shipping:

The Shipping Corporation of India has made 27 berthing position (Harbours/Jetties) functional out of 49. Three Jetties; one each at Car Nicobar, Nancowry (Kamorta) and Nancowry (Champin) are fit for operations. 11 commercial ships have been sent from main land ex- Chennai, Kolkata, Haldia and Vizag carrying relief supplies. Out of 65 inter island vessels of A&N Administration, 40 vessels are operational, 18 vessels are not operational due to annual repairs and 7 vessels were damaged in Tsunami. 18 vessels have been plying between Port Blair and Mayabunder, Havelock, Baratang, Diglipur, Neil Island, Rangat, Hut Bay, Long Island and Campbell Bay. 6 private vessels are in operation between Port Blair and Rangat, Havelock, Diglipur, Mayabunder and Neil Islands. Out of 30 number of light houses in A&N Islands only 2 are functioning in South Andaman and East Islands. It is estimated that an amount of Rs. 304 crores will be required to restore the damages to the shipping sector in the Islands.

Special teams have been deputed along with necessary materials required for repairs of damage structures at Hut Bay Wharf, Campbell Bay and Mus. 2 boats each at Kamotra, Nancowry and Champin have been provided for inter-Island movement within Nancowry Group of Islands. Work for restoration of dry-dock No.2 has already been started at Port Blair

The Ministry have issued instructions for transporting the relief material to the Tsunami affected areas free of cost, if the consignees are the Relief Commissioner/District Magistrate of the affected States/UTs and the relief material is in the form of donation and is at no cost to them. On this term, the facility of free transport can also be availed by the NGOs, Trusts and other Organisations including Corporate Sector to provide the relief material including material for rehabilitation and reconstruction.

## 5. Ministry of Telecommunication:

Ministry of Telecommunication have undertaken measures to restore the communication facilities in A&N Islands. The telephone exchanges in North Middle and South Group of Islands are now functional. In Little Andaman Island the exchanges are functioning partially. 50 telephone lines have been operational at Hut Bay. In Car Nicobar Islands, the exchange lines are working in Car Nicobar and Kamorta partially. IDR (2 Mb) Satellite Equipment has been commissioned at Car Nicobar. 6 EMD sets available for general public and 30 channel link and BSNL mobile restored in Car Nicobar. Telephone network is under restoration by BSNL personnel at Teressa, Katchal and Little

Andaman. BSNL network is operational at Nancowry, Kamorta and Great Nicobar. Free STD telephone booths have been provided at 11 relief camps at Port Blair. INMARSAT has been commissioned at Teressa. All the 8 Islands where the relief camps are being run are linked with point-to-point communication through Satellite phones, HAM Radio and Police Wireless. The armed forces have also set up the communication links. A new telephone exchange has been physically installed at Bambooflat.

### 6. Ministry of Power:

Normal power supply is restored at Great Nicobar and Kamorta Islands. Power supply is being made with Gensets in Car Nicobar, Teressa, Katchal, Great Nicobar, Little Andaman and other Islands. 100% power supply has been restored at Kamorta headquarter. 12 hours supply has been restored in Car Nicobar and 53 camps have been electrified by Gensets. A total of 595 Gensets were received at Car Nicobar of which 266 are being used and rest distributed. 50 portable Gensets are operational in Teressa, 30 in Katchal. Power supply is available for 12 hours in Nancowry including Champin village. 24 hours supply has been restored in Great Nicobar Islands and all relief camps have been electrified by Gensets. 5 hours supply restored in Little Andaman headquarter. 1 unit (1.75 MW) at Kalpong Hydro Power Station of NHPC has been made operational which has improved power supply in North Andaman.

Estimate damage and funds required for permanent restoration/reconstruction of power infrastructure is Rs. 150 crore. In principal approval is being sought from Planning Commission by the Ministry.

## 7. Department of Drinking Water Supply:

A joint team of Department of Drinking Water Supply and Ministry of Water Resources is making assessment of damages and chalking out restoration plan for A&N Islands. 100% water supply has been restored in Nancowry and Kamorta, 90% in Port Blair, South Andaman Rural and Rangat, 80% in Mayabandar and Wimberlegunj, 60% each at Kadamtal and Degreepur, 50% at Campbell Bay, 40% Teressa. 9 wells have been activated and 80% water supply restored through spring and wells in Car Nicobar. Natural water sources available at Mildera and Beachdera and 50% water supply restored in Katchal, Out of 3 wells one well is usable in Great Nicobar and supply is partially restored through tankers. Wells and spring water is available in Little Andaman and supply partially restored in Little Andaman. Repairs to water supply is in progress.

## 8. Ministry of Petroleum and Natural Gas:

Ministry of Petroleum and Natural Gas is meeting the full demand of POL. The status of POL supplies in Andaman Nicobar Islands as on 12.1.2005 is as under:

| Product        | Stock (KL) | Cover (No. of days) | Sale on 12.1.05 |
|----------------|------------|---------------------|-----------------|
| MS (Petrol)    | 719        | 24                  |                 |
| SKO (Kerosene) | 868        | 35                  | 30              |
| HSD (Diesel)   | 8759       | 25                  | 205             |
| ATF Andaman    | 1584       | 13                  | 21              |
| Car Nicobar    | 366        | 18                  | 15              |
| LPG (MT)       | 82         | 04                  |                 |

LPG stocks are being replenished on priority. A team of officers of IOC is camping in Port Blair to monitor the stocks and supplies. Fresh stocks of MS, HSD, SKO and ATF would be dispatched from Haldia through MT Harsha and are expected to reach Port Blair on 13.1.2005. A LPG tanker carrying 800 MT LPG is expected to reach Port Blair on 14.1.2005. This would provide 75 days cover. Petroleum products are being regularly transported to other Islands also in barrels as per the requirement conveyed by the administration, and there is no report of non-availability of the products.

## 9. Ministry of Civil Aviation:

The Airport at Port Blair is now fully operational. The Ministry of Civil Aviation (Indian Air Lines and Jet Airways) have undertaken 125 flights including 24 flights for Cargo. They have brought out 8270 passengers and 252 infants ex-Port Blair. They have airlifted a cargo load of 392.5 MT to Port Blair.

The Ministry have issued instructions for transporting the relief material to the Tsunami affected areas free of cost, if the consignees are the Relief Commissioner/District Magistrate of the affected States/UTs and the relief material is in the form of donation and is at no cost to them. On this term, the facility of free transport can also be availed by the NGOs, Trusts and other Organisations including Corporate Sector to provide the relief material including material for rehabilitation and reconstruction.

# 10. Ministry of Road Transport and Highways:

As per the field reports received by the Ministry Road Transport and Highways, 162 Km. of National Highways and 462 Km. of State/district Highways, 7 bridges and 34 culverts have been damaged due to Tsunami in all mainland States/UTs. 14 permanent Bailey bridges have been mobilized and provided to A&N Islands besides Cement and GI/Steel pipes for resonation of road links.

# 11. Ministry of Railways:

The Ministry have issued instructions for transporting the relief material to the Tsunami affected areas free of cost, if the consignees are the Relief Commissioner/District Magistrate of the affected States/UTs and the relief material is in the form of donation and is at no cost to them. On this term, the facility of free transport can also be availed by the NGOs, Trusts and other Organisations including Corporate Sector to provide the relief material including material for rehabilitation and reconstruction.

# 12. Ministry of Sports and Youth Affairs:

The Ministry of Sports and Youth Affairs have established 390 work camps for relief and response in the affected States/UTs. 450 Nehru Yuva Kendra Sangathan volunteers are engaged in 20 relief centers in A&N Islands. The Ministry have allocated Rs. 3.41 crore for relief and rescue by the volunteers.

# 13. Ministry of Social Justice and Empowerment

The Ministry of Social Justice and Empowerment has taken up various measures for relief and rehabilitation of women, children and disabled people affected by Tsunami. Child Helplines have been set up, Short Stay Home for women have been opened; senior officials are coordinating with NGO's and State Governments for long-term rehabilitation of affected women and children. Central Adoption Resource Authority recognized agencies for adoption are being advised to provide care and protection to the orphans and make efforts for their adoption within the State/Country. District Disability Rehabilitation Centres in the affected States/UTs have been made responsible for providing aids and appliances for the disabled persons.

Director, National Institute for Mentally Handicapped has been camping at Chennai to coordinate relief work relating to disabled person. A team of rehabilitation psychologists has been camping at Cuddalore, Tamil Nadu for psychological intervention to the suffering persons and trained local people on counseling.

# 14. Ministry of Tribal Affairs

All the primitive tribes (Aboriginals) are reported to be safe except Nicobarese. Ministry of Tribal Affairs have deputed teams to collect hamlet wise status. The details are as under:

| Aboriginal                            | Population as | Location/     | Present Status                      |
|---------------------------------------|---------------|---------------|-------------------------------------|
| (Tribe Name)                          | per 2001      |               |                                     |
| , , , , , , , , , , , , , , , , , , , | Census        | Island Name   |                                     |
| Andamanese                            | 43            | Strait Island | -Safe in Adi Basera, Port Blair (41 |
|                                       |               |               | and 5 children at VKV hostel)       |
|                                       |               |               |                                     |

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|             |       |                | - 2 female children and Shri Jirake,            |
|-------------|-------|----------------|---|
|             |       |                | Chief in G.B. Pant Hospital on                  |
|             |       |                | 05.1.05 & 06.1.05                               |
| Onges       | 96    | Little Island  | -Safe in Little Andaman. 5 Onges at             |
|             |       |                | G.B. Pant Hospital since 23.12.04               |
| Jarawas     | 240   | Middle/South   | Safe in the habitat. 3 in G.B. Pant             |
|             |       | Andaman        | Hospital since 22.12.04.                        |
| Sentinelese | 39    | North Sentinel | 32 were seen on 30 <sup>th</sup> December, 2004 |
| Shompens    | 398   | Great Nicobar  | Reported to be safe.                            |
| Nicobarese  | 28653 | Nicobar        | 1151 (approx) lives lost – 5580                 |
|             |       |                | missing (estimated)                             |
|             |       | Islands        |   |

### 15. Ministry of Science & Technology and IMD:

The India Metrological Department (IMD) is providing the weather forecast and monitoring the seismic activity on a continuous basis. The Ministry of Science and Technology is organizing brainstorming session in a workshop on 21<sup>st</sup> and 22<sup>nd</sup> January 2005 in Delhi to evolve a road map for Tsunami early warning system.

## 16. Ministry of Rural Development:

The Ministry of Rural Development has released the Central share of allocation of funds under Indira Awaas Yojana (IAY) for the year 2004-05 to the States of Andhra Pradesh (Rs. 85.43 crore), Kerala(Rs. 27.29 crore), Tamil Nadu (Rs. 48.41 crore), A& N Islands (Rs. 3.53 crore) and Pondicherry (Rs. 1.08 crore). Additional Central assistance approved by the Cabinet for construction/reconstruction of damaged houses in the rural areas would be released after the receipt of the report of the Central Teams.

## **17.** Ministry of External Affairs:

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.

As per the reports from Indian Mission, 7 Indian national have died and 12-15 are reported missing in Sri Lanka; one in Maldives, 3 in Thailand and 2 in Indonesia.

### **Other States:**

The relief supplies from the States have been lifted for Car Nicobar, Sri Lanka and Maldives. The States of Karnataka (Rs. 5.00 crore) Maharashtra(Rs. 5.00 crore), Gujarat (Rs.7.00 crore) and NCT of Delhi(Rs.2.00) have announced the cash relief to the affected States/UTs. The Relief Assistance from States is as under:

Karanataka: 302.83 MT of relief materials worth Rs. 14.50 crore.

Maharashtra: 792 MT of relief materials

Orissa: 190.35 MT of relief materials

West Bengal: 111.20 MT of relief materials

Delhi: 151.90 MT of relief materials

**MP:** 7.0 MT of relief materials

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