

Rush/Earthquake

Situation Report No.39

Updated at 2000 hours on 08 February, 2001

F. No. 07001/01/2001-NDMCR

Government of India

Ministry of Agriculture

Department of Agriculture & Cooperation

Krishi Bhavan, New Delhi

KRISHI CONTROL ROOM

[www.ndmindia.nic.in](http://www.ndmindia.nic.in)

Subject: Earthquake of 26th January, 2001 in Gujarat and many parts of India.

#### HIGHLIGHTS:

- Prime Minister to head 35-member National Calamity Panel.
- Prime Minister cancels foreign visit to Malaysia and Japan.
- Prime Minister held meeting with all Party Leaders /Groups on 3.2.2001.
- EGoM met on 7th February 2001 and discussed the relief efforts in earthquake affected areas of Gujarat.
- 23 districts, 176 Talukas and 7904 villages affected.
- Out of 3.78 crore population 1.57 crore affected.
- Human lives lost : 16487 and Persons Injured : 146713
- Cattle deaths reported as 18,352.
- Houses Destroyed : 145353 (Pucca), 110386 (Kachcha) & 13643 (huts)
- Houses Damaged : 300667(Pucca), 214680 (Kachcha) & 29185 (huts)
- Manpower in Kachchh : 28 Senior IAS Officers, 107 Administrative Officers, 2104 technical staff, 6213 non-technical staff, 197 Police Officers, 10 SRP Companies and more than 22,500 personnel from Armed Forces, 3000 from Para-Military Forces, 1349 Home Guards and 690 Police personnel deployed.
- 13,355 manpower engaged through Contractors.
- Relief Equipments in Kachchh : 831 cranes/JCBs, 395 bulldozers/excavator, 2679 loader/dumpers/ trucks, 1603 Jeep/Ambulances, 614 gas cutters/DG Sets/Sub pumps and 2895 other equipments.
- Relief equipments in Other Districts: 321 JCB / Cranes, 148 bulldozers/excavator, 174 loader dumpers/ trucks, 362 Jeep/Ambulances, 287 gas cutters/DG Sets/Sub pumps and 473 other equipments.
- 3634 ration shops, 8042.3 MTs food grains supplied, 106.7 MTs / 5192 milk powder, 555.815 MTs vegetables, 364 MTs edible oil, 10701 kls diesel & 4376 kls petrol, 8236 kls kerosene, 116265 kitchen kits distributed in Kuchchh, Ahmedabad, Rajkot, Jamnagar, Surendranagar Districts.
- Essential commodities and kits supplied free of cost in Bhuj, Anjar, Gandhidham, Rapar, Bhachau, Morbi / Malia, Jamnagar and Surendranagar.

- Power Supply restored in 9 towns and 885 villages.
- Out of 18 towns and 1340 villages affected, Water supply resorted to 9 towns through pipes and 9 through tankers. In villages, water supplied to 811 through pipes, 424 through tankers, 105 through other sources.
- Hospitals functioning: 34 in Kachchh and 361 in other Districts.
- 31 primary health centres of Kachchh and 949 in other Districts treating minor cases.
- 50 mobile hospital ambulances in Bhuj, 9 in Anjar, 9 in Bhachau, 4 in Rapar and 3 in Gandhidham providing services.
- Medical Officers/Specialists serving : 872 in Kutch, and 2272 in other Districts
- 146713 patients treated and 11557 admitted.
- Rs. 109.42 lakhs drugs/disinfectants used.
- Road, rail and air traffic restored.
- Satellite phones, Hotlines, HAM radio and mobile telephones have been pressed into service to ensure proper communication.
- 448 NGOs working in the field. 332 voluntary doctors, 70 nursing staff and 7332 volunteers assisting.
- Rs.13.06 crore financial aid from NGOs individual donors.
- Rs. 31.74 crore donation received in Gujarat CM's Relief Fund
- Rs.16.51 crore financial aid from other States.
- External assistance from 44 countries. Overwhelming international response with men & material
- Total Grants allotted: Rs.13.00 crore from CM Relief Fund & Rs. 153.85 crore from Gujarat Govt's budget.
- In 10 Earthquake hit districts, the preliminary report indicates 6698 school rooms collapsed and 17033 damaged, against the total number of 47181 school rooms. Total estimated loss : Rs.146.97 crore.
- As on 6.2.2001, 3,88,987 blanket/sheet, 64,272 tents, 5000 tons GI sheets and 1,05,000 plastic sheets received by Gujarat Govt.
- 12 special teams' veterinary doctors deployed and 2006 animals treated.
- 27 teams under survey of loss/damage to agricultural properties.

#### IMPACT:

A severe Earthquake of the magnitude of 6.9 at Richter scale occurred at 8.46 A.M. on 26th January 2001 with epicenter at 20 K.M. North-East of Bhuj. Its impact has been felt in various parts of the Country. Gujarat has been affected very severely.

#### IMD - Report :

- As per the latest report of the IMD earthquake shocks are still continuing. 219 after shocks of magnitude 3.0 and above were felt till 0856 hours of 08/02/2001.

As per available information from State Government of Gujarat, the extent of damage is as under: -

S.No.	Districts	Number of persons	
		Dead	Injured
1	Ahmedabad	750	4,037
2	Anand	1	20
3	Banaskantha	32	2,770
4	Bharuch	9	44
5	Bhavanagar	4	45
6	Gandhinagar	8	241
7	Jamnagar	119	4,930
8	Junagadh	8	89
9	Kachchh-Bhuj	14,930	115,940
10	Kheda	0	28
11	Mehsana	0	1,339
12	Navsari	17	52
13	Patan	33	1,695
14	Porbandar	9	90
15	Rajkot	410	11,946
16	Surat	46	185
17	Surendranagar	110	2,907
18	Vadodara	1	270
19	Sabarkantha	0	56
20	Amreli	0	5
21	Valsad	0	0
22	Dahod & Panchmahals	0	24
	Total:	16,487	146,713

#### EXTENT OF DAMAGE

(Primilinary estimates - exact assessment is going on)

Population affected 1.57 crores

Houses Damaged 300667(Pucca),214680 (Kachcha)&29185 (huts)

Houses Destroyed 145353 (Pucca),110386(Kachcha)&13643 (huts)

Damages :

Industrial & Commercial estt. Rs. 8000 crore

Houses & belongings Rs.11000 crore

Public buildings Rs. 1875 crore

Total estimated loss of damage Rs. 20,875 crore

## MANAGEMENT

- Immediate response on 26th January 2001 afternoon (Republic Day Parade ended at 12 Noon)
- Krishi Control Room (NDM) activated and functioning round the clock. Coordinating with all Central/External relief efforts.
- Prime Minister convened emergency cabinet meeting at 5PM on 26th January and reviewed initiatives of CMG. The three Services Chief, who were present also, briefed the Cabinet. PM announced immediate release of Rs.500 crores
- Empowered Group of Ministers (EGoM under the Chairmanship of Home Minister was constituted on 30th January 2001.
- EGoM held meetings on 30th January, 2nd February and 7th February and reviewed the relief and rescue measures
- Cabinet Secretary immediately activated the Crisis Management Group (CMG) and regular meetings held.
- National Crisis Management committee meets regularly and puts in place specific and detailed sectoral initiatives. Chief Secretary Gujarat was offered during the telephonic conversation, the services of officers of GOI especially those who hail from Gujarat cadre.
- All Central Ministries / Departments, PSUs were requested to involve their machinery for providing possible assistance.
- Chief Secretaries of Rajasthan & Maharashtra were also informed of the magnitude of the earthquake and requested to send food materials and blankets to Gujarat.
- Prime Minister directed Cabinet Secretary to respond with the overriding urgency and report the steps taken during the emergency meeting of the Cabinet convened at 5 PM.
- Vice Chief of Air staff indicated the runway at Bhuj is under inspection and flights to land there could only be cleared after inspection is complete.
- Home Minister rushed to Ahmedabad immediately contacted Chief Secretary and after giving his assessment instructed the need to rush medical teams, medicines and other relief material.
- Hon'ble Prime Minister and Union Ministers of Defence, Agriculture, Power, Telecom, Urban Development, Health also visited to make on the spot assessment of relief & rescue.
- On clearance from the Indian Air Force on the suitability of runway at Bhuj to receive light Aircrafts. A AN-32 Air craft took off from Palam at 7PM along with Additional Relief

Commissioner with the team of 24 Doctors with medical equipment and medicine, engineers of DoT with SAT-Phones and IMD officials with seismographic equipment. Later, Chief Secretary of Haryana and officials of Delhi Administration were tasked to collect a large number of blankets and relief materials to be dispatched to Bhuj.

#### PUBLIC ACCESS AND INFORMATION SHARING

- Gujarat Government have dedicated Help Lines and control rooms in operation (Help Lines 02712- 51911-20)
- Gujarat Bhavan at Delhi opened counter to receive relief materials (Phone 4673661 & 4671881)
- Krishi Control room telephone lines responding round the clock (Phone lines 3389453,3383476, 3385574)
- Krishi Control room (NDM) website <http://www.ndmindia.nic.in> is being updated regularly. Gujarat Government also providing information through their website <http://www.gujaratindia.com>.
- Secretary (Agriculture) briefing the media regularly wherein the updated situation report is provided.
- Priority relief requirements of State Government being informed regularly to press through press briefing
- Press carrying all important telephone numbers, help lines etc,
- Counters opened at New Delhi Railway Station at Ajmeri Gate side for receiving relief materials for free transport to Gujarat
- To coordinate Air lifting of men and relief material a dedicated line operated at Air force control area

#### CIVIL AVIATION

##### Airports Authority of India(AAI)

- Satellite based communications restored immediately on 27.1.2001.
- Kandla airport activated for helicopter operations on 27.1.2001 and for small aircraft on 28.1.2001.
- Airport charges waived off for all relief flights.
- Power supply restored through back-up arrangements at Kandla airport.
- AAI and its employees donated Rs. 2.25 crores to the PM's National Relief Fund.
- Upto 5.2.2001, 78 civilian flights including 49 international flights and 188 military air crafts with relief material handled at Ahmedabad airport.

##### Air India & Indian Airlines

- Transportation facilities extended for relief material from abroad.
- Request to all airlines for transportation of relief material from all over the world particularly points not covered by Air India.
- 99 additional flights to Bhuj/Ahmedabad/Jamnagar operated till 5th February.
- 36 additional flights planned from 6th - 9th February
- Free air transportation of relief materials weighing 516 MTs.

- Free handling facilities to charter flights bringing in relief materials from the State Governments and foreign Governments.
- Rescue teams with tracking dogs from US, UK, Spain and Italy specially flown to help in the evacuation of victims.
- 10,000 fleece blankets contributed by the Indian community in Indonesia flown by Air India from Jakarta to Mumbai on 31st January & 1st February.
- Private airlines operating additional flights to Bhuj and Rajkot for ferrying relief materials.

## DEFENCE SERVICES

### ARMY

- 23,550 Troops deployed in Bhuj and Ahmedabad Sectors. 3 columns of ex 68 Engineers Regiment employed for technical advice on buildings rendered unsafe.
- Major equipment deployed  
JCB/Dozers - 53, Tipper - 20, Compressor - 12, Generators - 30, Water Tanks- 153, Water Supply Equipment - 34, Ambulance - 15, INMMARSAT - 4, Tents - 2835, Blankets- 6600, Tarpaulin - 2000, Gloves & Masks - 5000/1350, Stretchers - 150, Oxy/Acetelene Cylinders - 70, Water purification - 2, Gas Welding Plants - 6, Water Bowsers - 42. Works Equipment - 31 Nos.
- 20 Nos. of 3-Ton capacity vehicles deployed at the disposal of Civil Administration.
- Surgeries performed - 11,415, Medical aid given - 14,807
- Evacuations (serious patients) - 484, rescued - 478, dead bodies recovered - 2184
- Till 7th February, 2001, 39 sorties of IL -76/AN-32 carried a total load about 846 tonnes
- 36 tented colony (relief camps established at Kanthawadi, Kotadi, Nigal, Mandul & Kumbani.
- 342 villages visited by relief team. 3.5 Kms. Road cleared in walled city of Bhuj, Nadapa, Mamuara & Dhaveti.
- Civil Military Liaison Cell established at Police HQrs, Daily Conference held to coordinate relief effort & deployment of resources.

### AIR FORCE

- 6 IL-76, 18AN-32, 4 AVRO, 3 DORNOR and 16 helicopters pressed into service
- Till 8th February, 2001 921 sorties carrying engineering equipment, shelter material, food ambulance, tentage, rescue teams including sniffer dogs etc
- Bulk of the relief material and equipment air lifted from the various air bases
- 700 people evacuated
- Total tonnage of loads carried so far is over 4636 tonnes approximately

### NAVY

- 30 men team with INMARSAT dispatched to Porbandar
- INS Ganga carried relief material for Kandla and two Naval ships converted into hospital ships where surgeries were performed. Twins born. 115 patients treated in ships

hospitals. 302 patients treated at other navy hospitals/clinics.

- Disaster management and surgical team to Bhuj with medical equipment
- A Dornier sorty operated between Mumbai and Kandla with 960 ltrs of fresh water.
- Damage assessment carried out by Naval Officer Incharge in all ports
- Survey of channel in the Gulf of Kutch undertaken by INS Nirdeshak
- Assistance provided for removal of dead bodies at Kandla and Gandhidham
- So far Navy has carried a total of 45.8 tonnes of food and medicines in addition to 30.00 tonnes of cooked food/Naval rations and 200.00 tonnes of rations from Government of Maharashtra
- Chief of Naval Staff visited Naval Units on 4.2.2001
- All Naval personnel including civilian have donated 1 day's salary in aid of earth quake victims
- The Navy has adopted Moda village in Jamnagar district
- NCC: Cadets engaged in relief operation, assistance to medical team, distribution of relief materials / food packets, confidence building among the earth quake victims etc.

HOME MINISTRY:

PARA MILITARY FORCES

26.1.01 - Immediately released for rescue & relief

RAF 4 COYs ( 1 Ahmedabad & 1 Bhuj)

CRPF 1 COY ( Ahmedabad)

BSF 4 COY (Kutch)

SSB 6 COY (3 Bhuj & 3 Jamnagar)

27.1.01

RAF 2 COYs (Bhuj)

BSF 4 COY s (Gandhidham/Bhuj Ahmedabad)

CISF 10 COYs (Ahmedabad, Bhuj, Kandla, Mehsana)

At present - 45 COYs available

- CISF deployed team of 10 officers under DIG(Fire) at Bhuj with Hydraulic cutters
- CISF has deployed 17 companies at Ahmedabad, Bhuj, Morvi, Rajkot, Surendranagar and Kandla
- Specialized rescue equipment with 4 officers & 16 firemen sent to Gujarat from Delhi
- CISF established wireless network between Delhi & Kandla, Bhuj. Ahmedabad
- CRPF established wireless stations at Adohi, Bimsar, Rapar
- BSF : Medical cover to 2702 persons. Rescued alive 47 persons. Providing water, dry ration, food packets, fresh vegetables.

CHEMICALS & PETROCHEMICALS:

- IPCL decided to donate Rs. 3 crore polythene films. IPCL employees donated Rs.25 lakhs to the CM's Relief Fund.

- 6000 blankets sent to Relief Commissioner, Ahmedabad.
  - Provided Fire Tender, Engg. Equipments and operating crew, gas cutting equipments.
  - Organisation of Pharmaceutical Producers of India rushed critical medicines on 27th January, 2001.
  - Indian Drug Manufacturers' Association rushed their members to the quake affected areas supplies of life saving drugs, IV fluids, IV antibiotics, other injectible antibiotics, injectible pain killers etc. IDMA has contributed medicines/materials worth Rs. 1 crore.
- Indian Farmers Fertilizers Cooperative Limited
- A Team of Senior Officer rushed to Kandla on 27th Morning to assess the damage to the Plants
  - Reconstruction and rehabilitation activities in full swing
  - According to the preliminary estimates reconstruction and rehabilitation will cost around Rs. 50-60 crores

#### COAL:

##### Coal India Limited /Neyveli Lignite Corporation/Singareni Collieries:

- A medical team consisting of 5 doctors and 7 para medical staff rushed to Ahmedabad from Nagpur on 30th January, 2001 alongwith medicines worth Rs. 1.00 lakh, surgical equipments and 5000 blankets worth Rs. 12.00 lakh. Heavy engineering materials were also sent for relief operations.
- JCB pay loaders - 3, PC 200 Shovel - 1 and Crawler mounted Bulldozers - 2 alongwith 10 personnel and 10 small tents were sent from New Delhi to Gandhidham
- Donation to PM's Relief Fund from the employees/Unions : CIL - Rs.12 Crores, NLC - Rs.2 crores, SCCL - Rs.1.4 crore.

#### EXTERNAL AFFAIRS:

- JS (Coordn.) was appointed as Coordinator in MEA to liaise with NDM committee and to handle all enquiry from the Indian Missions abroad, and the foreign missions in New Delhi.
- Missions were advised that flight clearance request be sent directly DGCA/Air HQrs.]
- Arrangements made for issue of 15 days visa at the entry point without any delay to the relief teams arriving from foreign countries.
- Missions were advised to publicise NDM web site.
- Senior Officer deputed to assist Gujarat Government at Ahmedabad.
- MEA website has provided a hyper link to PMO website for contributions to the PM's Relief Fund.

#### FOOD & PUBLIC DISTRIBUTION:

- One lakh tonnes of foodgrains - Wheat ( 80,000 tonnes), Rice (20,000 tonnes) allotted
- Advance release of 10,000 tonnes of levy sugar to the State
- Ready-to-eat food packets weighting over 37 tonnes airlifted on 27 - 29, Jan. 2001.
- 95,000 MT of free food grains allowed to be diverted by the State from allocation



earlier made for food for work to meet immediate relief

- Rs. 5 Crores contributed (FCI-2, CWC-2 ,BIS-1). Employees of the Ministry are donating 1 day's salary.
- Govt. of Gujarat lifted 2945 MT wheat and 479 MT rice against special allocation for earthquake relief.
- Community kitchen & langar organised by NGOs & Socio-religious organisations running in affected areas

## HEALTH

- Regular monitoring of medical arrangements at the DGHS Hqrs.
- Team of Doctors from Government hospitals deployed right from first day alongwith medical equipments and supply
- Public Health Specialist sent from NICD & NIMP deputed to prevent outbreak of any possible epidemics. At present 74 officers / officials which include medical / para-medical and other supporting staff of various institutes joined the Disease Surveillance Cell established at Bhuj on 5.2.2001.
- DG, Health Services, Government of India visited Bhuj and surrounding areas on 7th February 2001 to take stock of the ongoing public health measures in the earthquake affected areas.
- A seven member team consisting Psychiatrists and mental health professional from National Institute of Mental Health and Neurosciences, Bangalore is reaching today (8.2.2001) to Gujarat to deal with mental health problems of the people in earthquake affected areas.
- Serious injured patients flown to other places for treatment
- Overwhelming response from private hospitals and NGOs.

## MEDICAL AID

- Rs 5.7 crores of medical supplies sent to affected areas. X-Ray machines and other medical equipments rushed to affected areas.
- 64 Doctors sent from various Delhi hospitals to affected areas
- Emergency medical supplies to antibiotics, disinfectants, IV fluids, ORS packets and surgical materials and disinfectants sent in adequate quantities
- Mental health experts from NIMHANS and AIIMS inducted at a short notice
- Distributed medical supplies to NGOs, Medical supplies shared with army doctors for treating patients
- Total 395 hospitals functioning out of which 34 are in Kachchh.
- 250 mobile medical teams moving daily to provide health care facilities and undertake disease surveillance activities.
- 50 mobile hospital ambulances providing medical relief.
- 483 Specialists doctors from Gujarat, 298 from other State and 216 from other Countries in medical relief work.
- Total doctors engaged in medical relief measure - 3020 Nos.
- Total 146713 injury cases attended and 11557 cases admitted.
- 31 Primary Health Centres of Kachchh district and 949 primary health centres in other

districts providing treatment for minor-injury cases.

- Rs 250.49 lakh Drugs/disinfectants supplied.
- Field surveillance strengthened and chlorination ensured. Disinfection carried out effectively.
- A system of early diagnosis and prompt treatment of malaria cases established in all 5 worst affected talukas of the district.
- A field laboratory established at Bhuj with facilities for testing chlorine in water, growth of coliform bacteria in water and slides for malaria. For Bhuj City, 14 mobile teams sent daily to collect surveillance data on PH measures which includes one person from Central team. Separate two teams to East & West Kutch.
- Laboratory extended facilities for testing of residual chlorine.
- Epidemiological data about disease surveillance from the affected talukas for 7th February does not show any increase in the number of cases.

## FINANCE

Expenditure:

- No cap on ways and means advance to State Governments
- Relaxation of Overdraft Regulation Scheme.
- Rs.85 crores released from National Calamity Contingency Fund(NCCF).
- Rs. 500 crores financial assistance as ad hoc release of share in central taxes.
- Rs. 20 crores sanctioned from PM Relief fund

Revenue:

- Additional special surcharge of 1% on tax payable by domestic companies levied for creating initial corpus of NCCF to mobilise tax collection of Rs. 350 crores.
- Additional surcharge of 2% levied on tax payable by non-corporate assessee to mobilise tax collection of Rs. 1300 crores
- 100% deduction for Income Tax purpose on donations made to charitable institutions, trusts or funds registered with IT Department for providing relief to the victims of earthquake.
- 100% deduction on donation under PM/CM Relief Fund
- Relief material exempted from customs/excise duty.

## MINES

- BALCO donated Rs. 17 lakhs as one day's salary of their employees to the PM's Relief Fund
- Geological Survey of India donated 225 tents.
- Hindustan Zinc Limited donated tents to accommodate 1000 persons. 1100 mattresses and 1175 quilts, 120 dari, 3 diesel generators, 1 JCB excavators, dry food packets for 20,000 persons, One crane, 300 bed rolls, 1000 wollen Khes, and other relief materials.

## PETROLEUM

### Refineries

- Koyali (IOC) - Normal operations continued
- Jamnagar (RPL) - Shutdown on 26th Jan. due to power failure

### Pipelines

- Crude oil pipeline from Salaya, feeding Koyali/Mathura/Panipat refineries, resumed operations since 27th Jan after due checking.
- Product pipelines from Vadinar to Kandla & Kandla to Bhatinda under shutdown. Expected to resume operations on 3rd/4th Feb.2001. However, product availability not affected due to alternative arrangements made.

### Petroleum supplies

- Despatches resumed from Jamnagar by Rail on 26th Jan & by road on 27th Jan.
- Despatches resumed from Kandal on 27th Jan. by arranging manpower and DG sets from other locations.
- Supplies to Kutch area supplemented from Sabarmati, Rajkot, Sidhpur, etc.
- Direct supplies of Kerosene resumed on 28th Jan.
- Of 60 Retail Outlets in Kutch, 56 are operating now.
- All 13 LPG distributors in Kutch are operating.
- Supplies made during 27th to 31st Jan 2001
- MS-724 KL, HSD-1727 KL
- SKO-754 KL, ATF-122 KL
- Rs.40 crores is being contributed by oil PSUs toward PM's relief fund.
- Supply of Diesel and Kerosene from 27th Jan to 1st Feb. 2001
- Diesel - 20.45 lakh litres
- Kerosene - 8.62 lakh litres
- 5 villages being adopted by five Navratana oil PSUs
- An additional quota of 450 lakh litres of Kerosene allotted.

### Utility items provided

- 3673 Petromax/Lanterns 200 Drums
- 13 water tankers 13 Durry
- 10000 utensils 209 Polythene sheets
- 3538 blankets 550 helmets
- 11500 Litres mineral water 1090 mtr. Cloth 65 Tonne
- food items
- 1300 bedsheets 97 wollen jerseys
- 38 tents 11 trucks of clothes/
- 740 safety shoes medicines/grocery/
- 2300 socks containers
- 2000 plastic containers

## POWER

- Union Power Minister has taken special concern in the immediate restoration of power supply in affected areas.

- Power Supply to more than 92% of feeders in Kutch area including towns of Bhuj, anjar etc. restored.
- Electricity restored in 892 villages out of 925 villages.
- DG sets: 19 large sets sent for utilisation of GEB at Bhuj/Anjar.
- Out of total load of 280 MW in Kutch, 220 MW restored.
- Manpower: 220 engineers/skilled operative staff positioned to assist at Anjar/Bhuj for restoration of supply. 20 doctors & 3 para medical staff of NTPC deployed.
- 41 truck loads of relief materials including plastic tents, blankets, bed sheets, food items and medicines despatched by POWERGRID & NTPC for Bhuj/Anjar.
- Community kitchen started at Anjar by NTPC and serving 300 people daily.
- Camp office of NTPC and Powergrid established to coordinate relief and rehabilitation at Anjar.
- Powered/NTPC together engaged in repair / recommissioning of 10 GEB major sub-stations.
- LT Transmission distribution materials supplied.
- Restoration of 220 KV PANANDRO-Anjar Tr. Line on 28.1.2001.
- A loan of Rs.100 crores sanctioned by PFC for reconstruction / rehabilitation of transmission and distribution system.
- NTPC agreed to provide working capital facility of Rs. 60 crores by deferring part bill payments for February and March 2001 against issue of unsecured bonds.
- REC sanctioned a loan of Rs.100 crores to GEB.
- Under Accelerated Power Development Programme (APDP), Kutch district will be adopted and made into a centre of excellence for sub-transmission, distribution and R & M.
- Minister of Power accompanied by Addl. Secretary and CMDs of NTPC & Powergrid visited the affected areas for assessment.

## RAILWAYS

### Damages

• Costs Track 35 crores

Signal & Tele 15 crores

Electrical 7 crores

Misc. 3 crores

Total 60 crores

- Track
- Viramgam-Gandhidham Broad Gauge (BG)
- Gandhidham-Bhuj (BG)
- Viramgam-Okha (BG)
- Palanpur-Gandhidham Metre Gauge (MG)
- Heavy damage to station buildings, station cabins, residential quarters, bridges in the affected sections
- Signalling equipments at 25 stations and Control communications on Viramgram-Gandhidham section damaged

## Restoration

### BG Track

- Rajkot-Okha on 26.1.2001
- Viramgram-Samakhiali on 28.1.2001
- Wankaner-Navalakhi on 28.1.2001
- Samakhiali-Gandhidham on 29.1.2001
- Gandhidham-Kukma on 29.1.2001
- Kukma-New Bhuj on 3.2.2001

### MG Track

- Palanput-Kidiyanagar on 28.1.2001
- Kidiyanagar-Gandhidham on 31.1.2001
- Telecommunications - Overhead alignment and control communication up to Gandhidham restored.
- Signalling-8 stations restored until 30/1/2001 - At 13 stations block working restored until 1/2/2001 but these stations were working on non-interlocked basis. Final restoration at 17 stations dependent on completion of building activities.
- 19 special trains run for relatives & NGOs to Gujarat.
- 28 special trains run to evacuate from Gujarat and about 50,000 people evacuated.
- Wagons loaded with GI sheets, bulldozers and water tank wagons directed for relief work.
- Movement of relief material ordered free of cost since 27.01.2001.
- All railway good sheds along the quake-hit areas offered for providing shelter for the people rendered homeless.
- Three medical relief trains moved Ahmedabad, Uda and Palanpur with a team of doctors and medical equipment for evacuation of injured and medical relief. "Railway Helpline" medical camps set up to assist victims.

## ROAD TRANSPORT & HIGHWAYS

- Out of 650 Kms of national highways damaged 100 Kms severely damaged.
- Most of the minor/major bridges damaged.
- Surajbari Bridge damaged - repaired on war footing and restored.
- National Highways made traffic worthy.
- Control Room activated at Ahmedabad within a few hours of earthquake.
- Despite tragic demise of Shri Barhat, DE dealing with Surajbari Bridge in Bachau as a result of the earthquake, Surajbari Bridge was made operational on 27th January itself for light vehicles.
- Diverted the machinery like trucks/dumpers, JCBs, loaders etc for relief work.
- On request, CEMINDIA despatched six concrete breakers alongwith Gas Cutters for Kachchh.
- Deputed 77 labourers working in NH 8A and NH8C alongwith 4 work assistants for earthquake relief work in Kachchh.

## SHIPPING:

- Berths No.1 to 5 at Kandla Port have developed major structural damage.

- Berths No.6 to 9 are functional.
- Port has provided following equipment in Gandhidham:

Escalators 31 Payloaders 61

Cranes 36 Dumpers 376

Forlifts 2

- Cargo operations on relief vessels is being undertaken
- 12 cranes dispatched by DG(Shipping) to Kandla to speed up relief work.
- Mumbai Port is dispatching 4 fork lift trucks.

#### SOCIAL JUSTICE & EMPOWERMENT:

- Rs. 25 lakhs released in favour of Helpage India for providing immediate relief to women, children and families rendered destitutes.
- Seven Mobile Medical Units(MMU) deployed by Helpage India, and 10 more MMUs committed.
- Rs. 2.00 crores earmarked for 100 Shelters each accommodating 50 persons for medical care, psycho-social counselling, food, etc.
- ALIMCO, Kanpur despatched (2000 items) aids and assistive devices for persons becoming handicapped due to injuries. Additional requirements to be met from Rs.2 crores provided under the scheme of purchase/fitting of aids & appliances (ADIP).
- Rs.15 lakhs to Animal Welfare Board of India for the relief of animals affected by the earthquake.

#### RURAL HOUSING

- Additional allocation of Rs.250 crores over and above normal allocation for constructing earthquake proof housing for BPL families in rural areas.
- Assistance of Rs.22,000 per dwelling unit proposed for the affected districts.
- HUDCO and other expert agencies will be consulted with respect to earthquake proof technology.
- CAPART earmarked Rs.5 crores initially to meet short and long term relief and rehabilitation activities. Immediately after the earthquake Rural Agro Research Development Society rushed with 10,000 tarpaulin sheets, 20000 chatais for setting up tents for 10,000 families.

#### STEEL:

- Bhilai Steel Plant despatched to Gujarat 3 Excavators, 1 Dumper and 3 crewmembers on 27.1.2001. 10 Gas cutters and crewmembers despatched to Gujarat on 28 & 29.1.2001 from Ferro Scrap Nigam Ltd & Hindustan Steel Works Construction Ltd.
- Relief Teams deployed for clearing rubble from Multi storied shopping complexes at Adipur. More than 5000 tons debris removed till 5th February.
- Rs.2.44 crore donation to PM's Relief Fund.

#### TELECOMMUNICATION

- Telecommunication disrupted
- Number of Exchanges Total Damaged

147 147

- Total Lines 82,000
- Optical Fibre systems Bhuj-Bhachau-Rajkot 140 Mbps (damaged at Bhachau)
- Overload Exchanges started choking due to heavy traffic (12 lakh calls/hr)
- Estimated cost of damage Rs.200 crores

On 26th January 2001

- Restoration of 2,000 lines Bhuj Exchange (CDOT-MBM).
- Restoration of 2,000 lines Gandhidham Exchange.
- Putting through two 34 MBps Microwave systems to Rajkot-Gandhidham-Bhuj.
- Installation of Optical fibre end-link (8mbps) at Bhuj.
- 2 INMARSAT terminals were rushed to site.
- Hot-lines were provided from Ahmedabad-New Delhi.
- To save Ahmedabad and Rajkot TAX from overloading additional channels were terminated in Local Exchange bypassing above two TAXs.

Restoration

- Exchange commissioned - 140
- Free PCOs opened - 72 (INMARSAT 23, Land-line - 49)
- Help Lines have been opened at Bhuj, Gandhidham and Kandla).

Hot Lines provided - 43

- Optical Fibre links restored - All 13 SDCAs
- 4 VSATs in closed user group have been provided in Rapar.
- 2 MCPC VSATs restored.
- Transmission systems added for relief - 96 stream of 2 Mbps.
- Requirements of State Government and other agencies were fulfilled.
- Cellular Mobile Phones Services restored.
- In Bhuj, both the main exchanges are functional. Gandhidham all three main exchanges functional. Mundra, Mandavi, Nakhatrana, Dayapar(Lakhpat), Rapar, Naliya Exchanges functional. In Anjar E-10B RLU functional.
- STD service working satisfactorily in all Talukas, including Bhuj.
- In Bhachau Taluka, 256 port exchange is commissioned in Tent due to total damage.

URBAN DEVELOPMENT:

- BMTPC sent 3 structural engineers, 3 architects and 1 geologist for making preliminary damages, on 29.1.2001.
- CMD, HUDCO met Chief Secretary, Gujarat and offered financial and technical assistance by HUDCO on 30-31st January, 2001.
- Union UD Minister advised all Chief Ministers drawing their attention to the disaster prepared measures already communicated to them in May, 1998.
- Rapid Damage Assessment Survey Team visited affected area on 5th February.
- HUDCO proposes to adopt a few model villages and bastis for comprehensive

development.

- HUDCO is setting up field project management offices in Bhuj and Anjar.

#### WOMEN & CHILD DEVELOPMENT

- Being nodal Department for UNICEF and CARE activities in India, these organisations were requested to send their representatives.
- On the report of team officers sent to Ahmedabad, the Department decided as under:
  - Approval to permit operationalisation of 24 ICDS projects during 2001-2002 to universalise the ICDS in the State.
  - Additional grant of Rs. 7.38 crore for newly sanctioned projects initiated.
  - Distribution of ready to eat food in 15 most affected ICDS blocks for next 3 months through WFP / CARE.
  - UNICEF requested to deliver 15 vehicles for use by ICDS blocks.
  - Approval conveyed for purchase of utensils @ Rs.2000 per anganwadi centre in 15 worst affected ICDS blocks.
  - 200 creches proposed to be opened.
  - Proposals for opening 50 short stay homes, 10 working women hostels, release of Rs.50 lakh under NORAD scheme and Rs. 20 lakh under Scheme of General Grants-in-aid under consideration.

#### YOUTH AFFAIRS AND SPORTS

- Ministry dispatched Executive Director Nehru Yuva Kendra Sangathan and Joint Secretary, Youth Affairs to Gujarat to immediately develop a relief programme for Youth Volunteers

#### Private/Foreign Airlines

- 32 civil and military aircraft already landed in India bringing relief materials.
- One IL 76 freighter aircraft offered by Turkmenistan Airlines and three B737 freighter aircraft offered by Blue Dart, which have been placed at the disposal of Indian Air force.
- Private airlines also operating additional flight to Bhuj and Rajkot and have ferried relief materials.

#### STATE GOVERNMENTS & UTs

- Relief assistance given both in cash & kind from various State Governments.
  - Food, blankets, medicine, medical personnel, water, tankers and equipments, etc. States are also sent.
  - CM's relief fund has received a donation of 31.74 crores from PM's Relief Fund and from other States/individuals and firms.
    - Assam : Rs. 5.00 lakh donated from CM's Relief Fund
    - Andhra Pradesh : (I) Rs. 5.00 crores donated from CM's Relief Fund
- (II) 4420 woolen blankets , 1381 sweaters, 5.00 tonnes medicines, 27.155 tonnes food material, 1020 water bottles, 20,000 water pouches, 120 petromax lights, 147 tents and



21 shamianas and 30.00 tonnes food/other materials worth value of Rs. 67.12 lakhs also donated in kind.

(III) A team of 4 doctors and medicines sent to Ahemadabad and Bhuj

(IV) 12 Police communication experts and 15 HAM operators with equiupments working at Ahmadabad and Bhuj

(V) Two special trains left Ahmadabad and Gandhidam with 40.00 tonnes of relief material and 1000 people/volunteers

(VI) A convoy of 15 lorry loads of rice dispatched to Ahmedabad/Bhuj

- Rajasthan : Donated Rs. 2.5 crores cash, 19,000 blankets, 521 tenets, 60 heavy equipments and sent 166 medical and para medical personnel. Since 4th Feb. additionally 57 trucks carrying food items, medicines, and other relief material, 2 Gas cutters, 3 dumpers, 4 loaders, 1 crane sent to Bhuj. Also 2 Buses and 1 Jeep sent for transportation of earthquake victims.
- Madhya Pradesh : Contributed Rs. 1.37 crores, 22,150 blankets, 1000 Home Guards, 172 doctors, 70 Nurses, 86 Paramedical personnel, 10 ambulances, 1 IC unit, Rs.3.70 lakh surgical/medical equipment, Rs.53.87 lakh medicines, Rs.98.6 lakh food grain, 39,000 food packets, 38,400 clothes, Rs.8.34 lakh utensils, 1700 tarpaulins, 375 tents, 855 relief workers and 34 heavy equipments, 14 JCB machines & 10 gas cutters. Rs.24.34 lakh other materials. In Ujjain a Community kitchen opened with the local help, which is preparing 7-8 thousand food packets per day and these food packets sent to Gujarat Earthquake victims.
- Maharashtra : Rs. 5 crore from CM Relief Fund. Dispatched 49,381 blankets, 54,366 chaddars, 16,267 sarees. 5,000 tents, 6 JCBs, 17 Tippers, 4 Rock breakers, 2 gas cutters, 2 concrete breakers, 4 bulldozers, 6 excavators. Total 288 truck loads of essential commodities comprising bread, atta, rice, pulses, Sugar, milk powder, mineral water, biscuits, 8 Jeeps, 7 trucks, 1 helicopter. 235 medical officers, 3 anesthetists and medical staff, 7 ambulances, 3.2 tonnes of medicines, 600 kgs of biscuits. 235 doctors and paramedical and Rs.1 crore worth medicine, 125 engineers & 29 supporting staff. In addition 500 conservancy staff from BMC , Rs.1.5 crore worth manpower & relief material to Bacchav Taluka
- Manipur: Rs. 2 lakhs from CM's Relief Fund.
- Punjab : Donated 41,722 blankets, 1,250 tents, 2 truck loads of medicine and 50 heavy equipments. Relief material also airlifted from AF air base in district Bathinda
- J&K : Sent 30,000 blankets.
- Haryana : 956 persons for Relief work, 259 relief trucks, 51204 blankets, 7220 durries and 500 carpets blankets, 73127 utensils, 4234 tents, 12600 sq. ft. polythene covers, clothes, food items, buckets/mugs, torches, lanterns, kerosene / diesel, candles & matches, other items, sent upto 04/02/2001. The value of material sent is 2.75 crores.
- Goa : Sent 2 trucks of blankets
- U.P. : Sent medical personnel, 2 truck load of medicine, 520 tarpauline and 520 tents.

- Delhi : Rs. 1.00 crore from CM's Relief Fund. Sent 85 tonnes of poles and zinc sheets.
- Jharkhand : Donated 30 packets of bandage materials.
- Himachal Pradesh : Donated Rs. 51.00 lakh from CM Relief Fund.
- Karnataka : Cash assistance of Rs.2 crores. 8500 blankets (worth Rs.30 lakhs), 2 truck loads of ready made dress, 4.5 tonnes noodles (worth Rs.5 lakhs), 10 gas cutters, medicines worth Rs 30 lakh and a team of 22 doctors, 7 nurses and 2 HAM operators.
- Orissa: 852 tents/camp beds, 2500 blankets, 20 doctors along with medicines and a team of NGOs has deputed to Gujarat
- Tamil Nadu: Rs. 5 crores from CM's Relief Fund. Government of Tamil Nadu proposes to release 1200 MT (One lakh Square meter) of AC sheets worth Rs. 1 crore through Tamil Nadu Cements Corporation Limited, from the funds accrued to the Gujarat Earthquake Relief Fund.
- West Bengal : Rs. 2 crore sanctioned. Despatched 50,000 pcs of woolen blankets from State Government Stock and additional 10,000 pcs from others, Medicines and 33,000 pcs of tarpaulin. 4 doctors under the leadership of Special Secretary(Health) is already working.

#### EXTERNAL ASSISTANCE

- International community responded generously and with alacrity.
- 44 countries & various international organisations, sent rescue teams including sniffer dogs, relief materials and mobile hospitals.

#### PRIORITY REQUIREMENTS - Source: State's web site:

- Bhuj : Tents, Tarpaulin, Blankets, Atta, Rice, Sugar, Edible oil required. Clothes, cooled or perishable food, labourers, other manpower not required.
- Rapar: Tents(family), Blankets, Utensil kits, Chlorine tablets, TCL power required.
- Bhachau : Blankets, Tarpaulin, GI Sheets, Bamboo, Angles, Kadas to erect GI, Tarpaulin veterinary units, mobile bank (can provide container for this), water purification systems with manpower, temporary toilets required.
- Gandhidham : Tents, blankets, wheat, rice food kits required. Firewood, GI sheets not required.
- Anjar ; Tents, GI sheets, Blankets required. Food packets, Food grains, medicines, doctors, medicines, doctors, volunteers not required.
- Surendranagar : Tents, blankets, wheat, rice, dal, temporary toilets required.
- Morbi : Tents and blankets required.
- Maliya : Tents and blankets required.
- Required : 1.0 Cu. M. bucket type (Tata - Hitachi Ex-200 or Pocklane-90 L &T) EXCAVATOR, 40.0 MT cap with 60' boom or Grader CRANE, Atlas make COP co. Concrete breaker, JCB/Excavator, 100-120 KVA cap. Generator Set. 250 CFM Air Compressor(Atlas/Kirloskar/L&T).

## RECONSTRUCTION AND MAJOR RELIEF INITIATIVES

1. \$300 Million Assistance announced by the World Bank (WB)
  2. \$350 Million Assistance announced by Asian Development Bank (ADB)
  3. Japan provides US \$ 2.3 million in addition to already released US \$ 0.7 million to PM's National Relief Fund which is about 420 million Japanese Yen (about Rs.17 crore) which is additional to their active participation in relief and medical assistance.
  4. DKK 16,950,000 worth Danish Humanitarian Assistance in kind (from IFRC, DanChur Aid, OCHA, EMOGC, Caritas)
  5. CII, FICCI and ASSOCHAM decided to adopt large clusters of villages for relief and reconstruction.
  6. Major PSUs of the Government of India have also decided to adopt groups of villages for relief and reconstruction.
  7. CARE committed upto US \$ 3.5 million relief assistance. CARE, Canada & Norway arrived in Bhuj with 2650 tents each accommodating 6-8 persons. 40 persons relief team engaged in relief work. FICCI-CARE alliance formed for Gujarat Rehabilitation Project to provide immediately temporary shelter, water/sanitation/electricity, quake resistant housing, construction of permanent social infrastructure (schools, clinics, anganwadis, tube wells), help to small business establishments and craftsmen. The Project selection in consultation with the Government of Gujarat.
- Gujarat Govt.'s e-mail address (for queries on earthquake): [equake@guj.nic.in](mailto:equake@guj.nic.in). Gujarat Government web-site address: [www.gujaratindia.com](http://www.gujaratindia.com)

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