

## **SOUTH CENTRAL RAILWAY**

**Safety.387/Fly Leaf/6/2013**

### **Fly Leaf No. 6/2013**

#### **MONSOON PRECAUTIONS**

**ATTENTION .... P. Way Officials, SMs, SCORs & Loco-Pilots**

##### **A. P.WAY OFFICIALS**

In the ensuing Monsoon, formulate and enforce certain precautionary measures, such as;

- Drainage at stations and in the vicinity of track in mid-sections should be properly cleared to pre-empt water logging.
- Have a close liaison on real time-basis with respective State Governments, Water Commission and Meteorological Departments to have forecast of heavy rain and flood.
- Monitor the following websites on daily basis to have flood forecasts readily available enabling the Railways to take pre-emptive action like patrolling of track, bridges and other susceptible locations.

<http://www.indiawater.com>

<http://www.ece.nic.in>

- The catch water drains and side drains must be cleared of silt, vegetation and other obstructions to ensure free flow and quick drainage of storm water.
- The water-ways of bridges must be cleared of vegetation and other obstructions.
- Scour holes should be filled with boulders.
- Water shall not be allowed to stagnate on the track. Cross-drains should be provided at regular intervals.
- In yards, cross-drains and longitudinal drains should be cleared / provided to proper grades.
- In hilly areas where there is incidence of falling boulders, a survey should be carried out to locate loose boulders. Such loose boulders should be dropped in a systematic manner.
- Selection of Patrolman and Watchman should be made and they must be trained and tested for their knowledge of rules.
- Ensure the equipment of Patrolman and Watchman is complete.
- The prescribed reserve stock of boulders, empty cement bags, cane baskets should be kept at specified locations.

- The H.F.L, F.S.L in case of canals and danger levels must be painted with bright red band across each pier adjacent to the abutment, so as to be clearly visible to the Patrolman, Bridge Watchman and train Drivers.
- The rain gauges should be inspected before the monsoon and it should be ensured that they are in perfect working condition.
- Establish liaison with local authorities/village heads to keep watch on Railway Affecting Tanks during the period of heavy rains.

## **B. STATION MASTERS**

- On receipt of Weather Warning message from the SCOR, ensure the same is advised to ADENs, SSE/SE/JE-P.Way, SE/OHE and Gangmate, Keyman and Night Patrolman, etc., either telephonically or through a messenger under clear acknowledgement with date & time. The same shall be recorded/pasted in the prescribed Weather Warning Register.
- Make red ink entries in TSR & Station Diary about the name, designation and time of departure/arrival of the night Patrolman. Intimate the SCOR about its details.
- If, for any reason the Night Patrolman has not returned from the block section as per his beat chart, wait for 15 minutes and start issuing emergency Caution Order to all trains to observe an SR of max. 40 KMPH.
- At frequent intervals, check the essential equipment of the Night Patrolman.
- Do not sign the beat book in advance and do not make all entries after the completion of the night.
- When there is a reasonable doubt that severe storm is going to break out endangering the safety of passengers, trains, etc., in consultation with the train crew, regulate the train at the station until storm abates.

## **C. CENTRAL CONTROL/RAILNILAYAM**

- a. The CHC/Central Control, Railnilayam, SC on receipt of the weather/cyclone warning telegram shall arrange to give a copy of the same to Engineering Control, TPC, TLC, Security Control, Commercial Control, Electrical Control, Test Room and Divisional Control concerned. Further, it is the responsibility of these controls to inform their respective officers/officials for necessary action.
- b. A record shall be maintained about the name, designation and time of delivery of the message.
- c. Constantly listen to the special bulletins on the radio and also watch the following two websites for updated information on weather/cyclone warning.

<http://www.indiawater.com>

<http://www.ece.nic.in>

#### **D. DIVISIONAL CONTROL**

- a. The CHC/Divisional Control, on receipt of the weather/cyclone warning telegram shall arrange to give a copy of the same to Engineering Control, TPC, TLC, Security Control, Commercial Control, Electrical Control, Test Room and Divisional Control concerned. Further, it is the responsibility of these controls to inform their respective officers/officials for necessary action.
- b. He shall also tune into the radio for listening to the latest cyclone warning bulletins and watch the above referred websites.
- c. The SCOR/s shall repeat the message verbatim to the SMs of all stations and record the name of the SM and time of acknowledgement in the nominated register and control chart.
- d. He shall also co-ordinate in transmitting the information to the ADEN/SSE who is out of headquarters as advised by the SM of the station.

#### **E. LOCO-PILOTS**

- a. If the train is caught in the cyclone, storm or strong wind, and it is opined by the Loco-Pilot that it is likely to effect the safety of passengers and train, shall stop the train at a convenient place duly taking care not to stop on bridges, sharp curves, etc.,
- b. Train crew (LP, ALP & GD) with the co-operation of passengers, keep the doors and windows of all coaches and allow the winds to pass through the same.
- c. Re-start the train only after the storm and strong winds are abated.
- d. Follow the speed restriction as given by the SM when the Night Patrolman has not returned from the block section, and be on the lookout for any unsafe condition observed/reported to stop the train.
- e. Do whistle on approaches to level crossings, bridges, curves, vulnerable locations and also while backing the train from block section for any unavoidable reason.
- f. Ensure the sanders are filled with sand and they are in working condition while taking over charge of the loco to avoid stalling.

**CHIEF SAFETY OFFICER  
SAFETY ORGANISATION  
SOUTH CENTRAL RAILWAY**