

**GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES
GANGA FLOOD CONTROL COMMISSION
SINCHAI BHAWAN, 3RD FLOOR
PATNA 800015**

NO.GFCC/C/2/2008/ 3548-98

Dt. 24/8/10

Sub : Summary Record of discussions of the 42nd meeting of Ganga Flood Control Commission.

A copy of the Summary Record of discussions of the 42nd meeting of Ganga Flood Control Commission held at Bhopal on 15th July, 2010 is enclosed herewith for favour of information and necessary action please.

Encl : As above.

(M.U.Ghani) 23/08/10

Member (Co-ordination)

1. P.S to Minister Water Resources, Govt. of India, Shram Shakti Bhawan, Rafi Marg, New Delhi-110001.
2. P.S to Secretary, Ministry of Water Resources, Govt. of India, Shram Shakti Bhawan, Rafi Marg, New Delhi 110001.
3. P.S to Chairman, Central Water Commission, Sewa Bhawan, R.K.Puram, New Delhi - 110066
4. The Member (RM), Central Water Commission, Sewa Bhawan, R.K.Puram, New Delhi - 110066
5. The Chief Engineer ,(Lower Ganga Basin), Central Water Commission, 177-B, ShriKrishnapuri, Patna - 800001.
6. The Chief Engineer, Planning, Roads Wing, Deptt. Of Surface Transport, Ministry of Transport, Transport Bhawan, New Delhi-110001.
7. The Executive Director, Civil Engineering (Bridge & Structures), Railway Board, Room No. 126, Rail Bhawan, New Delhi - 110001.
8. The Engineer-in-chief, Water Resources Department, Madhya Pradesh, Shivajee Nagar, Bhopal-462016
9. The Chief Engineer (Investigation & Planning), Irrigation Department, Uttar Pradesh, Lucknow-226001.
10. The Chief Engineer (Central Design), Water Resources Deptt., Govt. of Bihar, Jal Sansadhan Bhawan, Anisabad, Patna.
11. The Chief Engineer (D&R), Irrigation & Waterways Dte., Govt. of West Bengal, Jalsampad Bhawan, Salt Lake City , Kolkata-91.
12. The Engineer-in-chief, Irrigation Department, Govt. of Haryana, Sector-17, 30 Bays Building, Chandigarh-160017.
13. The Engineer - in-chief, Irrigation & Public Health Deptt., Govt. of Himachal Pradesh, U.S.Club, Shimla-171001.
14. The Chief Engineer, Irrigation Deptt., Govt. of Rajasthan, Sinchai Bhawan, Bhawani Singh Road, Jaipur-302005.
15. The Chief Engineer, Irrigation & Flood, Govt. of NCT of Delhi, ISBT Building, 4th Floor, Kashmere Gate, Delhi-110006.
16. The Engineer-in-chief, Water Resources Deptt., Govt. of Jharkhand, Nepal House, Doranda, Ranchi-834002.

SUMMARY RECORD OF DISCUSSIONS OF THE 42nd MEETING OF THE GANGA FLOOD CONTROL COMMISSION HELD ON 15.07.2010 AT BHOPAL (MADHYA PRADESH)

The 42nd meeting of the Ganga Flood Control Commission (GFCC) was held on 15.07.2010 at Bhopal (M.P) under the Chairmanship of Shri A.K.Ganju, Chairman, GFCC. A list of participants is at Annex-I

At the outset Shri Rajan Srivastava, Engineer-in-Chief, Water Resources Department, Govt. of M.P welcomed the Chairman and other members/invitees at Bhopal and expressed his happiness for having opportunity to host the meeting of GFCC for the second time in his state at Bhopal (city of lakes). In his remarks he stated that GFCC has done remarkable and commendable role in flood management in Ganga basin since its inception. He stated that Water Resources Department of M.P is having catchment area of 3.078 lakh sq. km out of which 1.830 lakh sq. km falls in Ganga basin. Surface water resources available in M.P is 8.15 million ha. contribution from Ganga basin is 3.77 million ha. which is approximately 46 % of total surface water resources available in M.P. He further stated that although M.P is not affected by severe flood but in some parts, occurrence of flood creates problem in that area, particularly Rewa and Sidhi district in the Tons sub-basin of the Ganga basin is frequently affected by floods.

Thereafter the Chairman welcomed all the participants and thanked the Govt. of M.P for their nice arrangements and hospitality provided by them. He explained that considerable efforts in the direction of flood management in the Ganga basin have already been made, however still a lot is required to be done. Every year GFCC meetings are held in different states of the Ganga basin to interact with them for better understanding/appreciation of the problems of floods and its management. He reminded the members if the states that Govt. of India has introduced a Flood Management Programme during the 11th five year plan to mitigate the flood problem in the country including the Ganga basin states. Under this programme various flood management schemes are funded by the Central Government in the ratio of center : state as 75:25 and for special category states like Uttarakhand and Himachal Pradesh in the ratio of centre : state as 90:10. He further explained that since the inception of the GFCC in 1972 the

comprehensive plan for all the 23 river systems of the Ganga basin has been prepared by the GFCC and sent to State Government for taking follow up action on the recommendation made in therein. These plans are also being regularly updated keeping in view the change in the flood scenario. He also explained that as every states has its own type of problems, the experiences gained while implementing the flood management schemes in their states are required to be shared among the other basin states. As GFCC meeting is the right forum, he requested the representative of member states to share their experiences while implementing the schemes. He pointed out that the schemes submitted to GFCC are mostly for stabilizing the benefits already accrued. Out the 20.4 million ha. of flood prone area in the basin, up till now only 9.4 million ha. area has been provided with reasonable degree of protection, which is less than 50% of the flood prone area in the basin. As such, the need of the hour is to take up schemes which will provide protection to the remaining flood affected areas which are left unattended. For formulation of the schemes he stressed the need that states should follow the guidelines as circulated by GFCC so that the schemes are economical & technically sound.

A power point presentation on the functions/activities of GFCC was made during the meeting for better appreciation of the role of GFCC in the field of flood management for the Ganga basin states.

Thereafter Chairman requested the Member (C), GFCC to take up the agenda items for deliberation. The items discussed and decision taken are as under :

Item No.42.1 Confirmation of Summary Record of discussions of the 41st meeting of Ganga Flood Control Commission held at Karnal (Haryana) on 24.12.2009

As no comment was received from any of the member state on the summary record of discussions of the 41st meeting of the GFCC circulated vide letter no.GFCC/C/2/2008/700-45 dt.15.2.10 , the same was confirmed.

Item No.42.2 Guidelines for formulation of Flood Management Schemes

It was pointed out during the meeting that the various flood management schemes being submitted to GFCC do not include all the details as enumerated in the guide lines

already circulated by GFCC. The Chairman requested the member States to formulate the schemes based on the guidelines already circulated so that the schemes are technically sound and it would be facilitate GFCC to clear the scheme speedily. He further stressed the need that every scheme being submitted to GFCC should be supported with satellite imageries maps preferably the satellite imageries maps, superimposed on each other showing the bank line details for at least three flood season to judge the requirement of needed protection works.

Item No.42.3. Implementation of Recommendations of the Task Force for flood management/erosion control (2004)

On the issue of submission of action taken report on the recommendation of the Task Force for flood management/erosion control (2004), the Chairman explained that there are two types of issues involved. One is related to specific schemes and other is general issue on which State Govts. are to take follow up action expeditiously and the action taken report be submitted to GFCC regularly. Further, Chairman explained that since uptil now most of the schemes implemented are for stabilizing the benefits already accrued, the State Govts. should send the consolidated implementation plan of various schemes with the time frame in a phased & co-ordinated manner so that more attention can be given to the remaining flood prone areas which are yet to be protected. The members from the States of Bihar, U.P, West Bengal, Uttarakhand & Jharkhand were requested to send the list of schemes already completed/being completed out of the schemes already included in the Task Force Report (2004).

Item No. 42.4 Supply of Statewise/Basinwise data

The importance of supply of data/information by the State Govts. required for preparing of various reports, especially the updating of comprehensive plans was highlighted and the member states were requested to regularly send the data/information as per the list enclosed with the agenda on priority to the GFCC so that the time bound programme of GFCC could be accomplished.

As the data from the various Ganga basin states are not forthcoming regularly, it was decided during the meeting that every Ganga basin states should have a

nodal officer to whom GFCC may contact for supply of data/information required. The representative from Bihar intimated during the meeting that Shri Ram Nath Prasad, Superintending Engineer (Flood Design), Water Resources Department, Anisabad would be the nodal officer from the WRD, Govt. of Bihar.

The representative from Haryana intimated the name of Shri R.K.Singh, Executive Engineer (Drainage and Floods) O/o Engineer-in-Chief, Irrigation Department, Panchkula, Haryana for the purpose. Other members present during the meeting informed that they would send the name of nodal officer for the purpose very soon.

Item No.42.5 Implementation of Sub-basinwise Comprehensive Plans for flood management prepared by the GFCC

As no action taken report on implementation of recommendations along with the views/suggestion on the sub-basinwise comprehensive plan prepared by GFCC were forthcoming, the Chairman requested the member states to report the progress on implementation of various recommendations of GFCC. However to start with, it was proposed that action plan for implementation of recommendation on the following comprehensive plans may be taken up immediately and the same may be submitted to GFCC urgently.

<u>Sl.No.</u>	<u>Name of Comprehensive Plans</u>	<u>States Associated</u>
1.	Ghaghra River System	Uttar Pradesh & Bihar
2.	Mahananda	Bihar & West Bengal
3.	Mayurakshi & Ajoy	West Bengal & Jharkhand
4.	Sone	Jharkhand, U.P & Bihar

Item No.42.6 Monitoring and Performance Evaluation of flood management and critical anti-erosion schemes in the Ganga basin (under FMP).

It was pointed out during the meeting that the physical & financial progress report of the various schemes being implemented by the Ganga basin states with central assistance are not forthcoming regularly, as a result it is causing delay in the monitoring of the schemes and release of funds. The Chairman requested that the states should ensure timely submission of quarterly, physical and financial progress by 15th of the next month ending the quarter. The concern was noted for compliance by the basin States.

Item . 42.7 Performance evaluation of flood management schemes carried out by GFCC.

The position indicated in the agenda was noted by the members. The member states were again requested to furnish quickly comments/views on the report of performance evaluation study already circulated by GFCC, otherwise it would be assumed that the states had nothing to comment and it would be deleted from the agenda of the next meeting.

Item No. 42.8 Performance Evaluation of completed schemes and concurrent evaluation under FMP

The position indicated in the agenda that the concurrent evaluation of ongoing schemes by Engineering colleges or Scientific Institutes is a pre-requisite for subsequent release of funds for the schemes under Flood Management Programme (FMP), Govt. of India was noted by the members. On the question of concurrent evaluation , the representative from Haryana stated that it is becoming very difficult to get the study done with agency in the state of Haryana. At this Chairman requested him to take help from the agency located out side the state also. The representative of IRI, Roorkee stated that they are ready to take up the concurrent evaluation study. Chairman requested the representative of Haryana to approach IRI, Roorkee for the purpose.

- Item No. 42.9 Design and Research**
- Item No.42.9.1 Application of Remote Sensing Techniques in the field of flood management**
- Item No.42.9.2 Model Studies**
- Item No.42.9.3 Design Flood Studies**

The Chief Engineer, IRI Roorkee and representative of NRSA, Hyderabad explained during the meeting that they are ready to do the desired study on the request of the State Governments. Chairman requested the member states to take help from these organizations to carryout the studies to make the schemes economical and technically sound. Members agreed to do the needful in the matter.

Item No.42.10 Information regarding Flood Prone Districts.

It was again pointed out during the meeting that based on the data made available by various states, a report on identification of flood prone districts in the country in connection with the flood prone area development programme of Govt. of India will be prepared and for MOWR to take the needful action in the matter. Member states were requested to supply the data in the prescribed format which could be utilized for updating the list of the flood prone districts in the country. The Chairman suggested to the member states to identify the flood prone districts by using Remote Sensing Techniques. Member states agreed to do the needful in the matter.

Item No.42.11 Examination of Adequacy of waterways under existing/proposed road and rail bridges in the Ganga basin

It was informed during the last meeting that the reports on adequacy of water ways under the road and rail bridges for the 21 river systems out of 23 have been completed by GFCC and the same have been sent to the concerned states and Railways to examine the findings of the reports and furnish their observations/views. The representative from railways were requested to expedite the consolidated observations/views on the reports to GFCC immediately as in the last meeting Railways had intimated that they would write to RDSO to send the consolidated views/observations on the reports to GFCC immediately. Members from states also agreed to examine the report and to send the comments/observations, if any, to GFCC at the earliest.

Item No.42.12 Preparation of Catalogue of flood management schemes

It was informed in the meeting that GFCC has proposed to prepare and periodically update catalogues of flood management schemes executed by the State Govts. in order to facilitate appropriate action in the unprotected area under the FMP. The Chairman requested the member states to send the list of schemes so far executed/ongoing/proposed with relevant details immediately so that the catalogue for the purpose could be prepared.

Item No. 42.13 Dissemination of information regarding experiences gained during execution of the schemes.

It was noted that the case history of various flood management schemes executed by various states, specially where new technologies/methodologies have been adopted should invariably be sent to GFCC for dissemination among other states. This will help in executing the future flood management schemes based on the collective experience. The Chairman therefore, requested the member states to share their experiences in tackling the specific problem encountered in flood management schemes & requested the states to send the information to GFCC and to make presentation in the next meeting. During the meeting the representative from Bihar made a presentation on Kosi Breach closure work which had occurred in August, 2008. Member (C) GFCC explained during the meeting the usefulness of using porcupine, Geo bags and sand filled bags (under water) for flood protection works. A power point presentation was also made by the representative of NRSA, Hyderabad regarding flood problem and its management with the help of Remote Sensing Techniques. This was noted by the member states.

Item No. 42.14 Implementation of recommendations of the Rashtriya Barh Ayog (RBA), 1980.

Item No. 42.15 High Level Committees for implementation of RBA recommendations.

As most of the states have constituted the committee for implementation of RBA recommendations except West Bengal, Chhattisgarh and Uttarakhand (who was requested during the 39th meeting of GFCC to include the item for implementation of RBA recommendations in the terms of reference of the committee already formed in 2001 "State Anti-erosion & State Flood Control Board under the Chairmanship of Chief Minister or his representatives, but not yet done), but information regarding holding of the meeting and its outcome (wherever such committee has been formed) is not being sent to GFCC. The half yearly progress reports on the recommendation of RBA which are required to be submitted every year at the end of March and September of the respective year are also not being received in GFCC regularly. After discussions the Chairman requested the Member States to get the committees activated and out come of the meeting / half yearly progress report may be sent to GFCC regularly as the implementation of RBA recommendation is in their interest

only. He also requested that wherever such committee has not been formed, action may be taken to form such committee at the earliest.

Item No. 42.16 Preparation of Flood Plain Zoning maps

It was explained during the meeting that CWC has already supplied the maps to various Ganga basin states for delineation of probable flood prone area under the 25 years, 50 years and 100 years flood frequencies which would facilitate in preparation of flood risk maps. The states were requested to take necessary action in this regard and if they were facing any difficulties in using them the same may be reported to Central Water Commission. The members agreed to take necessary action at the earliest.

Item No. 42.17 Flood Plain Zoning Bill

The position as mentioned in the agenda was noted. No further progress was reported by any member state. As such, the Chairman requested the member states to make earnest efforts towards enactment of this bill where administrative measures have not been taken, to restrict the developmental activities in flood plain and flood plain zoning bill.

Item No. 42.18 Date and Venue of the next meeting

It was decided to hold the 43rd meeting of GFCC at Kolkata in West Bengal subject to confirmation by Govt. of West Bengal as no representative from West Bengal was present during the meeting.

The meeting ended with a vote of thanks to the chair.

List of participants in the 42nd meeting of GFCC held at Bhopal (Madhya Pradesh) on 15.07.2010.

List of Participants

Members/Invitees

- | | | |
|-----|--|----------|
| 1. | Sh.A.K.Ganju
Chairman,
Ganga Flood Control Commission, Patna. | In Chair |
| 2. | Sh. M. U. Ghani
Member (C),
Ganga Flood Control Commission, Patna. | |
| 3. | Sh. S.masood Husain
Member (P)
Ganga Flood Control Commission, Patna. | |
| 4. | Sh. Rajan Shrivastava
Engineer-in-Chief,Bodhi
Irrigation Department, Govt. of M.P,
Bhopal | |
| 5. | Sh.Devi Rajak
Engineer-in-Chief,
Water Resources Department,
Govt. of Bihar, Patna. | |
| 6. | Sh.S.L.Aggarwal
Chief Engineer,
Irrigation Department,
Govt. of Haryana, Chandigarh | |
| 7. | Sh.Ameerul Hasan
Chief Engineer,
Irrigation Department,
Govt. of Uttarakhand, Dehradun | |
| 8. | Sh. Ravindra Bhatnagar
Additional Chief Engineer,
Water Resources Department,
Rajasthan | |
| 9. | Sh.R.M. Mukul
Superintending Engineer,
Irrigation & PH Circle, Nahan,
Himachal Pradesh | |
| 10. | Sh.G.P.Pandey
Executive Engineer,
Water Resources Department,
Surajpur, Chhattisgarh | |

Other Participants

Madhya Pradesh

1. Sh. A.K.Singhal
Chief Engineer, Ganga Basin,
Rewa
2. Sh.N.K.Parihar
Superintending Engineer
Water Resources Department, Bhopal
3. Sh. B.D Barelia
Superintending Engineer,
Water Resources Department,
Gwalior
4. Sh. N.K.Gandhi
Superintending Engineer,
WR Circle, Rewa
5. Sh. Awatar Singh
Asstt.Engineer, WRD, Bhopal
6. Sh. A.K.Upmanyu
SDO, WRD, Bhopal
7. Sh. Satish Damodaran
SDO, WRD, Bhopal
8. Sh. Amitabh Mishra
Asstt.Engineer, PIM
World Bank Project, Bhopal

Bihar

1. Sh. Ajit Kumar Samiyar
Joint Director
FMISC, Water Resources Department ,
Patna

Haryana

1. Sh. Pawan Verma
Executive Engineer,
Irrigation Department, Karnal

IRI, Roorkee

1. Sh. Suresh Chandra Sharma
Chief Engineer (Design) & Director
IRI, Roorkee (Uttarakhand)

National Remote Sensing Centre

1. Sh. G Srinivasa Rao
Dy.Head, DM Division,
NRSA, ISRO, Hyderabad

National Institute of Hydrology

1. Sh. Ravi Galkate
Scientist-C
NIH Regional Centre, Sagar

Railways

1. Sh. A.V.Mittal
Dy.Chief Engineer (Bridge),
N.E.Railway, Baroda House
New Delhi
2. Sh. Deepak Kumar
Executive Engineer (FCW)
N.E Railway, Gorakhpur
3. Sh. Dilip Kumar
Senior Section Engineer (FCW),
North Eastern Railway,
Gorakhpur

Central Water Commission

1. Sh S.K.Haldar
Director
Central Water Commission,
Bhopal

Ganga Flood Control Commission

1. Sh. Awadhesh Sharma
Director
2. Sh. S.K.Gangwar
Director
3. Sh.B.K.Sinha
Asstt.Director.
4. Sh. A.K.Sinha
Asstt.Director