

No. Secy/CWC/2017/13
Government of India
Central Water Commission

Room No. 313 (S), Sewa Bhawan
R K Puram, New Delhi – 110066
Dated 21st March 2017

OFFICE ORDER

Consequent upon the decision taken in the 191st Commission Meeting held on 20th December, 2016, functions of CWC Dtes have been redefined (Directorate-wise distribution of works may be seen at <http://www.cwc.nic.in>) resulting in merger/renaming/shifting of some Dtes from one wing to another. The overarching objectives of this endeavour in CWC are to enlarge scope for study/analysis covering critical issues, and also to strive for catching up with advances in the water resources sector. A summary of new areas/activities that would unfold after implementation of reorganized organogram of CWC (**Annexure-I**) is listed as under:

- a) *Repositioning Coordination Dtes to proactively function as think tank of respective wings- to identify priority research areas; close monitoring of the performance of units through management tools like Performance Indicators (PIs) and work plans are a few activities have been inserted in its domain;*
- b) *Realigning functions of Directorates under RM wing to sharpen its performance in areas such as, data collection and validation- carving out a Dte to entirely focus on this aspect; flood forecasting- based on rainfall-runoff mathematical models; flood inundation; embracing new activities initiated under National Hydrology Projects & NMCG; joining hands with NWM to capture impacts of climate changes particularly in water resources sector & food production;*
- c) *Policy & research, and basin planning studies now get due focus of the WP & P wing by having dedicated Dtes to undertake these tasks- an apparent indication for growing significance of this aspect in days ahead. In order to hasten the clearances of DPR proposals in consultative manner & to take requisite measures for effective monitoring of projects, adequate strengthening of organizations like IMO, PAO & PMO has been effected;*
- d) *Stress on application of state of the art technology by CWC Dtes;*
- e) *The report seeks to achieve capacity building of both Institution and its human resources. Trg Dte has been accordingly tasked to map the training needs of CWC officials, and address these needs in synthesis with NWA;*
- f) *Few Dtes having less works have been either merged with Dtes doing more or less similar works or entirely redefined to accommodate new and burning areas of current times- inter-state matters; cost appraisal.*
- g) *Miscellaneous works like organization of Jal Kranti, conferences, workshops etc. would now be handled by Trg Dte.*

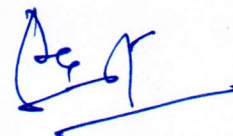
Following this decision, Dtes that undergo changes are shown next:

Now	Renamed w.e.f. 01.04.2017	Remarks
National Thermal Power House Dte	Inter State Matter (ISM)- 2 Dte	Activities of these Dtes would be redistributed under D & R wing.
National Thermal (Dams & Gates)	Cost Appraisal (CA) (I)-2 Dte	-do-
Narmada Canal Dte	PMKSY-AIBP Dte	-do-
Climate change Dte	River Data (RD) -2 Dte	Current Activities of Climate Change Dte is Merged with Morphology Dte

Flood Application Dte	Control	Flood Control Application (FCA)-2 Dte	Shifted under FM Org under RM Wing
Planning & Development Dte		Flood Control Application (FCA)-1 Dte	Shifted under FM Org under RM Wing
Environment Impact Assessment Dte		Basin Planning (BP)-2 Dte	Current Activities of EIA Dte is Merged with EM Dte
Construction Machinery Consultancy Dte		Basin Planning (BP)-3 Dte	Current Activities of CMC Dte is Merged with P & M Dte
National Projects-II Dte		Policy & Research (PR) Dte	Current Activities of NP-II Dte is Merged with NP-1 Dte
Union Territory Dte		River Conservation Dte	Current Activities of UT Dte is Merged with FM-1 Dte
Coastal Erosion Dte		-	Shifted under P & D Org under RM Wing
External Assistance Dte		RRR of Water bodies & EA Dte	

- Consequent upon merger/renaming of Dtes as above, following transfer/arrangement on additional charge basis is also ordered:
 - Sri Jitendra Panwar, Dir will hold additional charge of ISM-2 Dte. This Dte will function from existing NT (PH) Dte office.
 - Sri Rajiv Kr, Dir will take over the charge of Cost Appraisal-2 Dte. The Dte will function from existing NT (D & G) Dte office.
 - Sri Dinesh Verma, Dir is transferred to Narmada D & HW Dte.
 - Shri S K Rajan, Dir will hold additional charge of PMKSY-AIBP Dte. The Dte will function from existing Narmada Canal Dte office.
 - Sri Sanjay Kr Singh, Dir will take over the charge of FCA-1 Dte.
 - Sri Ramjeet Verma, Dir will take over the charge of RD-2 Dte.
 - Sri H K Meena, Dir will head EM Dte.
 - Sri Anil Jain, Dir will take over the charge of BP-2 Dte. This Dte will function from existing EIA Dte office.
 - Sri D K Jha, Dir will hold additional charge of P&M Dte.
 - Sri Rishi Srivastava, Dir will additional charge of BP-3 Dte. This Dte will function from existing CMC Dte office.
 - Sri Bhupesh Kr, Dir will hold additional charge of Policy & Research Dte. This Dte will function from existing NP-II Dte office.
 - Sri Rajesh Kumar, Dir will hold Addl charge of River Conservation Dte. It will function from existing UT Dte office.
- Three DDs, Six ADs and Three AD-II posts along with other supporting staff of NT(PH); NT (D&G), Narmada Canal Dtes stand transferred to WP & P wing w.e.f. 01.04.2017.
- All respective wings are requested to review the current distribution of officers and Staff and reallocate/rearrange some of the posts within the wing before 01.04.2017, keeping in view of decisions in preceding Paras to make these Dtes functional. Decision taken in the matter may be submitted to undersigned for record and reference purpose.

This OM takes effect from 01.04.2017.



(Anup Kr Srivastava)
Secretary, CWC

To,

1. PPS to Secretary, MoWR, RD & GR
2. PPS to Chairman, CWC/PPS to Chairman, CEA
3. PPS to all Members of CWC
4. Chairman, GRMB, Hyderabad/KRMB, Hyderabad/GFCC, Patna
5. All Chief Engineers in the field and HQs.
6. PPS to JS (A&GW), MoWR, RD & GR, New Delhi
7. Member Secretary, GRMB/KRMB, Hyderabad
8. Chief Engineer, TCD, CEA, New Delhi/Secretary, CEA, New Delhi
9. General Manager, FBP, Farakka/Secretary, SSCAC, Vadodra
10. The Commissioner, FM/Indus/B&B/State Projects, MoWR, RD & GR, New Delhi
11. Director (Admn.)/Finance/Estt.I/II/III/PCP/TD/RM Coord./D&R Coord./WP&P Coord./RD Dte., New Delhi
12. All SE (C)/Directors in the field office of CWC
13. All Directors in CWC (HQ)
14. Director (Admn), GFCC, Patna/Director (Admn), NWA, Pune
15. Under Secretary (Admn./Estt.1), MoWR, RD & GR, Shram Shakti Bhawan, New Delhi
16. PAO/AO/All US/DD(WPC)/DD(PCP)/DD(P&M), CWC, New Delhi
17. Section Officers, A/c. I/ A/c. II/A/c. III/CM&V/APAR/E.IV/E.XIV/Budget/R&I Section, CWC, New Delhi
18. Copy for uploading on CWC website

River Management Wing

RM Wing has 15 organisations which are headed by a Chief Engineer, out of which 2 are at HQ and remaining in field. The functions of organisation are performed by a pool of engineers constituting Director/SE; DD/EE; AD/AEE; AD-II/AE and other support staff. Organisational details under RM wing are presented in succeeding Paragraphs.

At CWC (Hq), **River Management Co-Ordination Directorate (RMCD)** is responsible for overall co-ordination of various activities both at HQ as well as with the field under Member (RM), allocation of budget to all the field organizations, review/monitoring of physical and financial achievement in respect of plan schemes/projects, scrutiny and processing of SFC/EFC Memos of various schemes, compilation/preparation and submission of material for performance budget, budget brief, annual reports of CWC and MoWR, annual action plan of CWC and MoWR and material for monthly/quarterly/half yearly/yearly returns and assisting Member (RM) in different administrative and technical matters, co-ordination and monitoring of progress in respect of projects under survey and investigation in India and neighbouring countries and coordination of works related to construction of residential and non-residential buildings for the field offices of RM Wing of CWC. This Directorate will keep watch on the latest development/stress areas particularly in the sphere of River Management; suggest measures for possible realignment of Wings activities/capacity building of its Human resources etc. This Directorate would also submit agenda points for consideration/deliberation of Members in a Commission Meeting. This apart, Dte would also gather Performance Indicators (PIs) & work plans from each Dte/Organization- as the case may be, and highlight areas where intervention of Member (RM) is warranted for raising the performance of RM wing. This Dte will also submit a brief report on significant activities/achievements of the wing to TC Dte on monthly basis.

Organizations under RM wing

1. Flood Management Organization (FMO)

Chief Engineer, FMO is responsible for techno-economic appraisal of flood management projects and multipurpose projects having flood management

aspects, collection and compilation of flood damage statistics from the States and recommendation for Central Assistance, preparation and issue of daily/weekly flood bulletins during flood season and development and improvement of flood forecasting techniques.

Flood Management (FM) –I Directorate

FM-I directorate is responsible for Planning & Appraisal of Flood Management, Flood Control, Anti-erosion, River Training Works etc. pertaining to States except Arunachal Pradesh, Assam, Sikkim, Meghalaya, Tripura, Manipur, Mizoram & Nagaland and recommendation to TAC-MOWR; Monitoring of ongoing works and release of funds; compilation of physical and financial progress of ongoing flood management works under Flood Management Programme related to concerned States; Field inspection/ site visits to the newly proposed Flood Control schemes by the States; Standing Committees – Yamuna Standing Committee, Sahibi Standing Committee, Ghaggar Standing Committee and the Committee on special Remedial Works for flood protection along Satluj and Ravi rivers; Compilation/ Publication of Minutes of Meetings of above Standing Committees.

Flood Management-II Directorate

FM-II Directorate is responsible for assessment of Flood Prone Area in India based on the methodology decided by the Expert Committee on Scientific Assessment of Flood Prone Area in India; Coordination with Member-Secretaries of Regional Committees for Scientific Assessment of Flood Prone Area in the States for obtaining data and other studies done by Regional Committees; Obtaining flood forecasting models developed by P&D Directorate and FCA Directorate and Utilization of developed models for assessment of flood prone area in that basin/sub basin; Obtaining flood forecasting model developed by the Consultants in Ganga basin and its utilization for assessment of flood prone area in Ganga basin.

Flood Management Planning (FMP) Directorate

FMP Directorate is responsible for Planning & Appraisal of Flood Management, Flood Control, Anti erosion works, River Training Works, promotion of latest state-of-the-art techniques in the field of river training works etc. pertaining to States- Arunachal Pradesh, Assam, Sikkim, Meghalaya, Tripura, Manipur, Mizoram & Nagaland; Compilation of physical and financial progress of ongoing flood management works under

Flood Management Programme related to concerned States; Works related to Brahmaputra Board; River Management Activities & Works related to Border area plan scheme. It will also function as secretariat for Flood Plain Zoning. This Dte will act as Nodal directorate for FMO.

Flood Forecast Monitoring (FFM) Directorate

FFM Directorate is responsible for Monitoring of Flood situation through Central Flood Control Room and issue of flood situation reports during monsoon period; Annual Flood Forecast Appraisal Report; Coordination with National Disaster Management Authority; Secretariat Services to Chairman, Damodar Valley Reservoir Regulatory Committee (DVRRC); Coordination for installation of telemetry on the sites under field organizations and other works related to Flood Forecasting; Compilation and Publication of state-wise Flood damage Statistics; suggest optimum density of rain gauge network in a basin to upgrade FF activity; undertakes activity like Update and publication of 'Flood Forecasting Manual'; supports NDMA in formulation of Emergency Action Plan with regard to flood induced disasters; initiate linking flood forecast with probable areas likely to come under inundation.

Flood Control Application-1 Directorate

Flood Control Application-1 Directorate is responsible for development of mathematical models for flood forecasting/inflow forecasting of Indus, Narmada, Tapi and Sabarmati, Brahmani and Baitarni, Subarnarekha, West flowing rivers, Pennar, Krishna, east flowing rivers and Cauvery and its tributaries; Assist FM-II directorate in assessing of Flood Prone Area in the above basins; Coordination for all flood forecasting modeling studies including NHP; This Dte will also set out studies with regard to urban flooding using software like SWMM.

Flood Control Applications (FCA)- 2 Directorate

Flood Control Applications Directorate is responsible for development of mathematical models for flood forecasting, inflow forecasting and river engineering studies for Ganga, Brahmaputra, Barak Godavari and Mahanadi basins; initiate studies on ensemble forecast; Monitoring of mathematical models being used by CWC field offices for flood forecasting; Assist FM-II directorate in assessing of Flood Prone Area in the above basins.

2. Planning & Development Organisation (P&D)

Chief Engineer, P&D is responsible for, morphological studies of the rivers; implementation of Hydrology Project, water quality monitoring in the river basins of

India, storage, analysis and retrieval of hydrological data and maintenance of Hydrological Information System (HIS).

Morphology & Climate Change Directorate

Morphology Directorate is to assist BPMO in water balance studies and integrated basin; to deal with matters involving Inland water way navigation and related matters; Morphological and sedimentation studies of all river basins in the country. It functions to assist National Water Mission (NWM) in pursuance of its short and long-term goals; preparation of physical and financial progress report of various activities identified under National Water Mission; implementation of various strategies under National Water Mission. It will initiate studies relating to impact of Climate change on water resources/crop yield/evaporation rate/glacial retreat etc.; Monitoring of glacial lakes and water bodies including snow melt modeling. **It will also act as Nodal directorate for P&D Organization**

River Data Compilation (RDC) – 1 Directorate

RDC Directorate is responsible for Maintenance of unmerged cadre of the GBWRO Ministerial Staff viz. Amendment of Recruitment Rules, maintenance of Reservation Roster, Promotion, transfer and posting, grant of financial up gradation under ACP/MACP scheme, fixation of pay, maintenance of the CR folders, VIP references, Court/CAT cases; Standardization of procedures and equipments for hydrological, sediment and water quality observations; matters related to opening of new HO sites/review of continuation of existing HO sites, invitation of Tenders/Procurements for various activities under DWRIS component.

This Dte will also act as nodal unit in CWC to coordinate and advance technical activities of NHP in close coordination with RD-2 Dte to speed up implementation of NHP. Responsible for all tenders/procurements related to NHP.

River Data Compilation (RDC) - 2 Directorate

The broad objectives of this Dte is to act as a store house of knowledge of latest hydrological observation technique- both in data collection and its validation; to devise standard format for Water Year book holding water level and corresponding discharge data generated after secondary validation; to ensure further consolidation of gains of Hydrology Project-I & II; to focus itself on quality concern of hydro-meteorological