

**Government of India
Geological Survey of India**

Kolkata, 2 December 2009

No. /HPC/Mission-I/ Baseline Geoscience Data Generation /IC/2009

ORDER

1. Under direction from the Union Cabinet the Government of India vide Resolution No. 11(39)/2007- M.I dated 7th January 2008 constituted a High Powered Committee (HPC) to review the functioning of the Geological Survey of India (GSI) and assess its capacity to meet the emerging challenges taking into account the organisation's technological and manpower resources.
2. The HPC in its Report submitted to the Government on 31st March 2009 made a large number of recommendations including changes in Structure, Organization & Human Resources in GSI. Ministry of Mines while considering the recommendations of HPC accepted 'in principle' the HPC recommendations for implementation.
3. One of the major recommendations is to re-structure the GSI in Mission-Region Hybrid Matrix mode of functioning. In the Annexure to the Resolution No.20/5/2009-M.II dated 07 July 2009, according 'Attached Office' status to GSI a list of policy executing and coordinating offices was provided which includes Five Missions ,Six Regional Offices, DG's Camp Office at Delhi etc. Each Mission will be divided into Divisions and further sub-divided into Technical Directorates. All programmes will be executed in Regions by Operational Directorates. This may be done directly in a few cases (where specialised items are concerned) or through the State Unit, which consists of Projects Directorates [which may be constituted for an individual program item or cluster of such items]. With this system the existing Wings namely AMSE, Marine, Coal will cease to exist, and their

programmatic activities will be subsumed in respective Missions and executional part in the Regions.

4. Group-A & B officers of GSI will accordingly be placed in appropriate Missions and Regions. The field programmes pertaining to all items, from field season 2009-10 onwards shall form part of the respective regions. Accordingly, budgeting and fund allocation to Regions will be made in respect of the relevant field items as well as other expenditures.
5. The Mission-I [sub divided into two i.e. IA (Ground Surveys and Marine Surveys) which will be headed by Addl. Director General (Geology) and Mission –IB (Remote Sensing and Aerial Surveys) which shall be headed by Addl. Director General (Geophysics). Divisions under Mission-I shall be headed by Dy. Director Generals (Geology/Geophysics) and Technical Directorates by Directors. Similarly, Regions will be headed by Addl. Director General (Geology) and will consist of Operational Directorates for Mission-I [and for other Missions] headed by Dy. Director Generals. State Units will be headed by DDGs and Project Directorate by Directors/ Supdtg. Geoscientist.
6. The Mission-IA[Ground and Marine & Coastal Surveys] headquarter will be located at Kolkata and shall comprise of following Divisions:
 - o Ground Survey Division (GSD) with Headquarters at Kolkata and 3 (Three) Technical Directorates namely
 - 1) Geological Mapping
 - 2) Geophysical Mapping and
 - 3) Geochemical Mapping all located at Kolkata
 - o Marine and Coastal Survey Division (M&CSD) with Headquarters at Mangalore and 3 (three) Technical Directorates namely
 - 1) Marine Surveys
 - 2) Coastal Surveys and
 - 3) Marine Geotechnical all located at Mangalore.

7. The Mission-IB (Remote Sensing & Aerial Surveys) will have its headquarter at Bangalore and comprise of
 - Remote Sensing and Aerial Survey Division [RS&ASD] located at Bangalore with 4 (four) Technical Directorates namely
 - 1) Remote Sensing & Photo geology
 - 2) Air Borne Mineral Survey
 - 3) Hyperspectral Mapping and
 - 4) Geomorphological Mapping all located at Bangalore.

8. Ground Survey Division (GSD) under Mission-IA will deal with all aspect of Baseline Geoscience data generation through Geological Surveys which will comprise of Special Thematic mapping, and subsequently, Integrated Thematic Mapping, Geophysical Mapping and Geochemical Mapping (NGCM). The Mission shall be responsible for:
 - Planning Activities, giving targets to the Regions (and State Units), coordinating availability of resources, monitoring performance and approving sectoral scientific and technical reports
 - Keeping constant touch with Policy Support System [and CGPB subcommittees]for programme formulation and emerging trends
 - Implementation of the National Mineral Policy-2008.

9. GSD Technical Directorates will closely monitor related activities of Mission-I programmes in Regions and each Technical Directorate to have 2-3 STS level officers

10. The ADG, Mission-IA shall be HOD for Mission-IA and Divisions/Technical Directorates under it. All logistic support will be provided by the S&T Support System and Administrative Support System.

11. Marine and Coastal Survey Division (M&CSD) with Headquarters at Mangalore will primarily be responsible for planning, programming and monitoring of activities related to Marine and Coastal Surveys and aspects

related to Marine Geotechnical Surveys, Modernisation and acquisitions and coordinating with other organizations working/engaged in Marine Surveys. This division will also prepare blueprints for all Marine Technical consultancy projects. This division shall primarily be responsible for:

- Planning Activities, giving targets to the Regions (and State Units), coordinating availability of resources, monitoring performance and approving sectoral scientific and technical reports
- Keep constant touch with Policy Support System [and CGPB subcommittees]for programme formulation and emerging trends
- Responsible for implementation of the National Mineral Policy-2008.

M&CSD Technical Directorates will closely monitor related activities of Mission–IA programmes in Regions and each Technical Directorate to have 2-3 STS level officers

12. The M&CSD and its Technical Directorate personnel will draw Salary and allowances from Mission-1A. Till such time that ADG, Mission-1A is declared HOD, all financial aspects for this division shall be looked after in CHQ. All logistic support to the M&CSD and its Technical Directorates shall be provided by S&T Support System and Administrative Support System at CHQ Hqrs.

13. Remote Sensing and Aerial Survey Division [RS&ASD] under Mission-IB located at Bangalore with its four Technical Directorates shall be responsible for planning, programming and monitoring of activities related to conventional Photo geology and Remote Sensing studies , Hyper-spectral and Geomorphological Mapping and Aero-geophysical Studies in the country. This division shall primarily be responsible for:

- Planning Activities, giving targets to the Regions (and State Units), coordinating availability of resources, monitoring performance and approving/clearing sectoral scientific and technical reports

- Keeping constant touch with Policy Support System [and CGPB subcommittees]for programme formulation and emerging trends
- Drawing up of blue print for all collaborative programmes like GSI-NNRMS
- Implementation of the National Mineral Policy-2008.

RS&ASD Technical Directorates will closely monitor related activities of Mission-IB programmes in Regions and each Technical Directorate to have 2-3 STS level officers.

14. The ADG, Mission-IB , shall be HOD located at Bangalore ,Till such time that ADG, Mission-IB is declared HOD the personnel belonging to RS&ASD and its Technical Directorate personnel will draw Salary and allowances from erstwhile AMSE HOD at Bangalore. All logistics support to the RS&ASD and its Technical Directorates shall be provided by S&T Support System and Administrative Support System. However, annual assessment of S&T personnel will be under the Mission Head.
15. All support systems in erstwhile Marine and AMSE wing, like Laboratories, Libraries, Transport, and Chemical and Geophysical divisions, Drawing, Survey, Legal, Personnel and Administration etc shall be merged with respective Regions without disturbing their geographical location. C&D staff of these offices will remain at their present stations and they will retain seniority as at present [cadre controlling authority will rest with M&CSD and RS&ASD} till natural attrition subsequently the post will be transferred to respective regions.
16. The physical resource of AMSE will be transferred and integrated with respective regions on 'as is where is basis's. The Laboratories networking will be through S&T Support System and this will include PPOD Lab which is presently under AMSE wing;
17. Assets presently with Marine Wing and AMSE housed at different stations of these two divisions and which are of regional value shall be inventoried with respective Regions. However, assets which are meant for inter-

- regional assignments like Ships, Vessels, Helicopter, and Airplanes etc shall be inventoried with respective divisions of S&T Support System.
18. Similarly, the expenditure on Air Surveys and Marine Surveys undertaken by GSI in the country will be met from the financial resources allocated to Mission-1A and 1B Hqrs.
 19. The projects under Environmental, PGRS, Petrology, Palaeontology, Map & Cartography, Publications, Geophysics, Aerial Surveys or Marine etc. presently under AMSE and Marine Wings shall be immediately taken up by Operational Directorates of respective Missions in respective Regions and to be executed through State Units.
 20. The existing Map and Geodata Directorates under 'AMSE' and 'Marine' wings shall be merged with Mission-III [Geoinformatics] in Regions. The Regional Geoinformatic Mission [Mission-III] shall be responsible for updating the Mission –III HQ at Kolkata for (i) Data repository and (ii) Information delivery. All records for the data generated shall be kept with Mission-III [repository] for data retrieval and data dissemination.
 21. Similarly, the State wise status of mapping [geological, geophysical, geochemical (NGCM), aerogeophysical, geomorphologic and hyper-spectral] will be updated by Mission-III Operational Directorate in respective Region and centrally in Mission-III HQ at Kolkata.
 22. The Air Borne Mineral Survey Technical Directorate under RS&ASD at Bangalore shall be repository of Mineral Concession reports.
 23. Each Region will have Mission-IA and IB Operational Directorates to be headed by Dy. DG Geology/Geophysics and will be responsible for FSP execution through Project directorates in State Units, for this:
 - Regions will be responsible for budget, personnel, physical resource management, local coordination, and execution and reporting.

- The personnel will be under administrative control of respective Regional Head
 - All Technical Reports generated in Region will be accepted/circulated as per policy only after clearance from Mission Head.
 - Regions to coordinate with S&T Support system for services
24. Mission-IA&IB Operational Directorate in Regions will comprise number of Project Directorates for executing items [field and lab] to be headed by Director/Supdtg. Geologist and number of such project directorates in a Region will vary from field season to field season and will depend upon number of Projects undertaken in a Region.
25. Appropriate Project Directorates corresponding to Operational Directorates [i.e., Missions] in Regions for undertaking items presently taken by Marine and AMSE Wing, will be established forthwith i.e. the AMSE zonal offices at Hyderabad, Jaipur, Shillong, Ranchi, and Nagpur will immediately become part of Southern, Western, North Eastern, Eastern and Central Regions. However, as stated in (12) above no C & D staff will be affected and the seniority of staff will be maintained as is at present till their retirement. Subsequently the post will get transferred to respective regions. Similar will be the case for Drilling staff of AMSE wing i.e. they will be merged with Southern Region with Headquarters at Bangalore.
26. In-charge of Operational Directorates in Regions will report to respective Technical Directorate in Mission-IA&IB for issues related to programme execution/monitoring and for issues related to logistics/finance it will report to the Regional Head.
27. Project Directors in State Units/Laboratories will report to Operational Directorate of their respective Regions for technical matters and with DDG (State Unit) for operational, administrative and financial matters.

28. Reinventorying of assets will be taken up by AP&M division immediately for the entire Mission-1 and completed within three months from the issue of this order.
