



भारतीय अन्तर्देशीय जलमार्ग प्राधिकरण

(पोत परिवहन मंत्रालय, भारत सरकार)

मुख्यालय : ए-13, सैक्टर-1, नौएडा-201 301, (उ० प्र०)

INLAND WATERWAYS AUTHORITY OF INDIA

(Ministry of Shipping, Govt. of India)

Head Office : A-13, Sector-1, Noida-201 301 (U.P.)

Website : www.iwai.gov.in | www.iwai.nic.in

Tel. : +91-120-2544036, 2543972, 2527667, 2448101 Fax : +91-120-2544009, 2544041, 2543973, 2521764

No. IWAI/HQ/NTCPWC/IIT-M/2017-18

Dated: 25.02.2019

To,

The Principal Scientist,
National Technology Centre for Ports,
Waterways and coasts (NTCPW),
Indian Institute of Technology–Madras,
Chennai – 600 036.

(Kind Attn.: Dr. Kumaran Raju)

Sub: Setting up of National Centre for ports, Waterways and coasts (NTCPWC) at Indian Institute of Technology–Madras (IIT-M)–Forwarding of approved Minutes of the 2nd oversight committee meeting held at IIT-M, Chennai on 21.01.2019 – Reg.

Ref: Your e-mail communication dated 13.02.2019 enclosing the draft Minutes of 2nd oversight committee meeting.

Sir,

Reference to the e-mail communication cited above on the subject, I am directed to forward a copy of the approved Minutes of the 2nd oversight committee meeting held at IIT-M, Chennai on 21.01.2019 for necessary action. This issues with the approval of Chairman of the oversight committee of NTCPWC.

Your faithfully,


(A. K. Mishra)
Director (Tech.)

Encl.: As above.

Copy to: 1. PPS to Chairman, IWAI, Noida.
2. PA to Member (Tech.), IWAI, Noida.

Dear Sir,

Please find enclosed the 2nd Oversight committee meeting (held on 21st Jan) minutes with inputs from Sagarmala amended . Kindly let us know if you have any further comments on the enclosed version. The

On a separate note: We are planning to schedule the familiarization workshop at Kolkata Port Trust on March 1st. The Agenda details will be circulated soon.

Once again thanks for all your kind support .

best regards

Dr D Kumaran Raju

Principal Scientist

From: sagar.mala@gov.in <sagar.mala@gov.in> on behalf of Sagarmala Cell <sagar.mala@gov.in>
Sent: Monday, February 11, 2019 3:22 PM
To: NTCPWC
Cc: shardaprasad1981@gmail.com
Subject: Re: NTCPWC - 2nd Oversight Committee meeting on January 18th 2019 - Minutes of the Meeting

Dear Sir,

Please find attached the revised minutes with some modifications in track changes mode.

We may also mention in in the cover email that the 14th workshop has been postponed and the new date and venue for the same is ... (as decided by NTCPWC)

warm regards,
Ashutosh.

On 02/06/19 07:41 PM, NTCPWC <



NATIONAL
TECHNOLOGY
CENTRE
FOR PORTS
WATERWAYS
AND COASTS



SAGARMALA
PORT-LED PROSPERITY

छंजपवदंस ज्मबीदवसवहल ब्मदजतम वित च्वतजेएँ जमतूले दक ब्वेजे ; छज्जब्द
INDIAN INSTITUTE OF TECHNOLOGY MADRAS
CHENNAI – 600 036

MINUTES OF 2nd OVERSIGHT COMMITTEE MEETING

HELD ON

21-01- 2019

11: 30 AM – 01:00 PM

**MINUTES OF THE 2nd OVERSIGHT COMMITTEE MEETING, NATIONAL TECHNOLOGY
CENTRE FOR PORTS, WATERWAYS AND COASTS (NCPWC)**

Date: 21st January, 2019

Time: 11:30 – 1:30

Venue: Conference Room, 6th Floor New Academic Complex, NCPWC, I.I.T Madras

Oversight Committee

1	Shri. Jalaj Shrivastava, IAS, IAWI	Chairperson
2	Shri. P. Raveendran, Chairman, Chennai Port Trust	Member
3	Shri. Vinit Kumar, Chairman, Kolkata Port Trust	Member
5 th	Prof. Ravindra Gettu, Dean ICSR, IIT Madras	Director i/c, IIT Madras
6	Shri. Sharda Prasad, Advisor, Sagarmala	Sagarmala
7	Shri. Ashutosh Pratap Singh, Consultant, Ministry of Shipping	Sagarmala
8	Prof. K.Murali, Professor, IIT Madras	Project Execution Team
8	Shri. V.G.Gharat, Jawaharlal Nehru Port Trust	JNPT
8	Ms. Faiz Sultana, Chennai Port Trust	Chennai Port Trust
9	Shri. Venu Prasad, Chennai Port Trust	Chennai Port trust

The meeting of the oversight committee commenced with Prof.K.Murali, welcoming Chairperson & members.

1. Confirmation of the Minutes of the 1st Oversight committee meeting held on 05.07.2018.

The committee confirmed as there are no comments received.

2. Action taken and compliance of decisions taken

2.1 Inception report

Outlined to the committee and noted. It was acknowledged by Sagarmala team.

2.2 Simplified communication on the value offering of NCPWC for major and minor ports

The template of studies with rates were presented in a tabular form. The committee proposed to include the Timeline for each of the studies along with the cost. In addition, committee proposed

to include a note that the cost is only indicative and may vary based on the port size, time taken and area to be covered.

In line with the above point, Shri Sharada Prasad recalled the discussion and confirmation during the first oversight committee meeting the topic on nomination-based work award to projects to IITM. Shri Sharada Prasad added that there will be official communication from Ministry on this soon to further confirm to all the ports and waterways.

In continuation, Chennai port chairman asked about the competitiveness of the cost given on the value offering of NTCPWC for major and minor ports. Prof Murali confirmed the cost ranges were derived based on the decadal experience of the expert team members and the lower limit of the cost is highly competitive and it is difficult for any consulting company to match with it. Whereas the upper limit is only indicative and it will differ from project to project based on the requirements.

2.3 Periodical update of NTCPWC website for the various activities and research progress

- The detailed layout of the website was described and the following points were discussed:
- The details of PMC meetings and minutes were updated to the committee, including the PMC on 14.01.2019.
- Procurement web page needed to capture current status of each tender and the documents.
- In manpower web page, Chairman asked if all the Centre staff will have official email ids (instead of Gmail-ids) with centre name associated in the email address E.g. (xyz@ntcpwc.iitm.ac.in). Prof Murali informed that its already being initiated.
- In the Timeline of activities web page, it was suggested to include update of both physical progress timeline and finance. It was also proposed to have a table providing target date, current status and the financial status. Shri Ashutosh added to include last updated date of the content so that it can help the user to know the freshness of the information.
- Chairman, KoPT suggested to include a link for each research project to provide overview of the project which will help user to get a quick snapshot.
- Chairman encouraged generating new IPR and earnings through the IPR. Prof Murali stated that Prof Sannasiraj is currently focusing on the full-fledged development of the IPR for all the new and innovative projects under NTCPWC.

2.4 Finalisation of NTCPWC Logo and Brochure

NTCPWC Logo design and the technical brochure was illustrated and explained to the committee members. Half-a-day Familiarization workshop will be held in the Maritime Conclave 2019 conference at Bhubaneswar, Odisha during 14 – 15 February, 2019. The updated brochure is waiting to release in the proposed Familiarization Workshop in February.

Inclusion of IIT Madras incubated companies in the technical brochure that are relevant and associated with NTCPWC was accepted.

2.5 NTCPWC Familiarization workshop

Half-a-day Familiarization workshop will be held in the Maritime Conclave 2019 conference at Bhubaneswar, Odisha during 14 – 15 February, 2019.

2.6 Training calendar on various topics for port, waterways and coastal sector

Chairman suggested to include target audience and target industry including details on who all can attend. Also, it was suggested to write to ports and waterways to identify suitable dates for each training, interested participants etc.,

JNPT representative explained the training facility available in JNPT and it was proposed by the committee to explore the possibilities of collaborative training using their facilities such as crane and pilot simulator.

3.0 Discussion on Agenda points

Prof Murali introduced Prof Ravindra Gettu, Dean IC&SR who was representing Director, IITM for the oversight committee meeting. Prof Gettu explained the role of IC&SR and also mentioned that this is one of the major Centres which will have its own infrastructure in the upcoming new Discovery campus.

3.1 Development of Office and Research space

1. Committee appreciated the effort made for establishing the interim office in short span of time.
2. A video presentation of virtual walkthrough of the proposed simulator at NTCPWC was made by project team. Prof. Murali also explained the details of the training and the type of studies that can be carried out in the simulator. He further added that the simulator will be run by NTCPWC with the technical support from ARI as part of collaboration agreement. In addition, the collaborative contract allows flexibility to include custom port models (in addition to all major port models), ship models and custom tools in ARI software application. Whereas this flexibility is not possible through other vendors such as HR Wallingford, Transas, BMT etc.,
3. Shri. Sharda Prasad and Shri Ashutosh mentioned about National Inland Navigation Institute (NINI) at Patna which was also earlier run by ARI and look at the possibility of using the present technology at NINI facility. Further, it was also recommended to explore possibility of cooperation with national level institutes such as IIT Kharagpur, Indian Maritime University and Centre of Excellence in Maritime & Shipbuilding (CEMS), Visakhapatnam.
4. The details of the office space, wave basin and Field Research Lab (FRL) to be developed at Discovery campus located at Thaiyur campus was demonstrated through a virtual walk through video. Prof Murali informed that the architectural and structural layouts have been finalized and the work would be executed through CPWD as deposit work. The completion of the work is expected to be complete by December, 2019. Prof Murali explained the details of the campus and also the capacity of the wave basin that can handle both wave generation and multiple large physical models. Shri. Sharad Prasad queried on how to compare the facility with best in the the rest of the world. Prof Murali mentioned that it is comparable to facility available at HR Wallingford and Flanders Laboratory, Belgium. Kolkata Port Chairman asked if the long flume

that he saw during his visit to Flanders, Belgium will also be housed with the basin. He further added that NTCPWC being a centre of excellence and planned to be self-sustainable in the next three years, it should be world class and comparable to other world class facilities and be able to provide complete solution in the South Asia region. He suggested that if required to add on to the existing facilities, they can be taken into consideration during Phase II. Prof Murali replied that half-a-kilometer flume is planned along with the existing facility through Institution of Eminence funding.

5. Shri Ashutosh informed that the Proposal for Centre of Excellence at IIT Kharagpur is in final stages and it will be good to discuss with Professor in charge there, Prof. Om Prakash Sha on potentially what is required in terms of the additional facility that can be included in his proposal. Prof Murali informed that he will very soon arrange a meeting with Prof Sha to discuss with him on the above point for further planning.
6. Shri Sharda Prasad asked about the timeline for completion of the office space given the tight schedule. Prof Murali and Prof Sannasiraj explained that it took lot more time than expected in terms of planning of machinery, equipment's and design of the layouts before finalizing the building plan. He explained the details of the plan and said that all the works can be completed in 8 months. Chairman alerted to keep a vigil on the work progress so that it should not get struck with Model code of conduct. Prof Murali and Prof Gettu replied that necessary steps will be implemented for joint supervision and close follow-up on the progress of work.
7. The development of Field Research Lab (FRL) and procurement of dedicated computational facility is on-going and all the procurement details will be updated in the NTCPWC website. All the procurement will be completed by Mid-March, 2019.

3.5 Progress of Research Projects activities

The progress of each research project was briefed to the committee and the first-year report will be submitted after this meeting. In addition, as part of the 11th project on "Comprehensive study of the maintenance dredging for major ports and waterways" - a real time web-based monitoring of dredging for Cochin Port was demonstrated to committee members.

3.6 Financial Status

Prof Murali briefed on the financial status and funds received for the first year. There was no contribution from Mormugao port and it was recorded. Shri Sharda Prasad informed that it will be followed-up by the Ministry.

3.7 Details on New and Innovative projects ongoing and proposed for Ports and Waterways

Prof Murali explained the details about the new projects developed under NTCPWC. In addition, he also explained about the innovative projects such as night navigation, RUKC etc. that are already in pipeline.

3.8 Update on Meetings, Conference & Workshops conducted

The details on workshops and conferences held as part of the activities under the Centre which includes development of the guidelines on Geosynthetics for coastal protection and port works were shown. In addition, briefing was done about the guidelines for dredging under the direction of Ministry. Also, on the Memorandum of Understanding that was signed between Wuhan University,

PR China on GNSS for precise navigation, surveying and location based geospatial services was briefed to the committee.

The committee suggested that such collaborative efforts should be communicated to Sagarmala for record.

4.0 Any Other Items with the permission of Chairperson

- Prof Murali briefed on the corpus funds and the mechanism of developing Centre development funds for NTCPWC in which 12% of each consultancy project and 5% of each research project funds will be maintained as part of the Centre development fund.
- Chennai Port Chairman mentioned that the current focus of the Centre is on Ocean Engineering, Dredging, Operations etc., in addition it needs to consider the expertise from other departments of IITM to provide a complete solution to Ports and Waterways. Prof Murali replied that currently the mechanism is on need basis. Prof Gettu added that we can introduce mechanism of annual call for proposals and also circulate whenever there are specific queries from users to relevant departments. Chairman advised that it can also be achieved by developing an interactive website to get the necessary inputs and requirements from the user. Chennai Port Chairman also mentioned that we need to be careful about the data being published. It was suggested to show dummy data to highlight solutions proposed and ensure ports real data are not put in public domain unless they are no sensitive..
- Chairman also suggested to circulate the Agenda for oversight committee meeting in advance and if the items are less it can be decided by the Chairman and the members to conduct the meeting through Video conference. He also suggested to add a dialog box in the end and add notes of each person comment that can cut short the time for minutes preparation.
- Shri. Sharad Prasad mentioned that dredging is one area which ports and IWAI need more technical support and expertise but there is no dedicated training centre currently available in the country. He asked if NTCPWC can develop such training programs to support the upcoming demand in this area. Prof Murali responded that he will take it as a priority and work on it to develop programs for ports and waterways. Current simulators will be used for thjis and one training programme will be implemented soon.
- Shri. Ashutosh mentioned that all the good work that NTCPWC currently carrying out should be shared in social media in a simple form so that it should go beyond the port and waterways community to reach the common public. The point was noted and will be implemented soon.

The meeting ended with note of thanks by Prof Ravindra Gettu.

