

SMP, Kolkata (erstwhile KoPT)
Highlights of Achievements in March 2023

HIGHLIGHTS OF PERFORMANCE OF SMP, KOLKATA (erstwhile KoPT)				
Period :2022-2023vis-à-VIS 2021-2022				
			Absolute Rise/Fall	% Rise/ Fall
	2022-2023	2021-2022		[In '000 tonnes]
1. CARGO TRAFFIC :				
KDS	17052	15298	1754	11.47
HDC	48608	42877	5731	13.37
Total for SMP, Kolkata	65660	58175	7485	12.87
2. CONTAINER TRAFFIC:				
KDS (I) (in TEUs)	568722	569783	-1061	-0.19
(II) (In '000 tonnes)	8520	8441	79	0.94
HDC (I) (in TEUs)	107182	165412	-58230	-35.20
(II) (In '000 tonnes)	2067	3353	-1286	-38.35
Total (I) (in TEUs)	675904	735195	-59291	-8.06
(II) (In '000 tonnes)	10587	11794	-1207	-10.23
3. COMMODITYWISE TRAFFIC :				
3.1 KDS :				
(a) POL (Product)	298	316	-18	-5.70
(b)LPG	0	0	0	-
(c) Other Liquid (Including Veg. Oil)	1098	453	645	142.38
(d) Fertiliser+ FRM	440	306	134	43.79
(e) Coking Coal	1432	165	1267	767.88
(f) Other Coal / Coke	1393	1854	-461	-24.87
(g) Timber	17	0	17	-
(h) Pulses / Peas	665	205	460	224.39
(i) Fly Ash	1415	1704	-289	-16.96
(j) Limestone	258	41	217	529.27
(k) Iron & Steel	205	238	-33	-13.87
(l) Container(In '000 tonnes)	8520	8441	79	0.94
(m) Rice & Wheat	304	815	-511	-62.70
(n)Other Cargo*	1007	760	247	32.50
KDS (Total)*	17052	15298	1754	11.47
3.2 HDC :				
(a) POL (Crude & Product)	4103	4607	-504	-10.94
(b) LPG	5586	5474	112	2.05
(c) Other Liquid (Including Veg. Oil)	4782	5057	-275	-5.44
(d) Thermal Coal	0	95	-95	-100.00
(e) Iron Ore	927	949	-22	-2.32
(f) Manganese Ore	2049	2555	-506	-19.80
(g) Coking Coal	11832	7687	4145	53.92
(h) Other Coal / Coke	9055	6470	2585	39.95
(i) Limestone	3843	2670	1173	43.93
(j) Iron & Steel	239	840	-601	-71.55
(k)Container(In '000 tonnes)	2067	3353	-1286	-38.35
(l) Other Cargo*	4125	3120	1005	32.21
HDC(Total)*	48608	42877	5731	13.37
4. SHIP CALL :				
K.D.S	1121	1006	115	11.43
H.D.C	1969	1951	18	0.92
Total	3090	2957	133	4.50

SMP, Kolkata (erstwhile KoPT)

NOTABLE ACHIEVEMENTS / DEVELOPMENTS OF SMPK during 2022-23

All Time Record in Cargo Handling since Inception :

- ✓ **Highest Cargo Traffic since inception :** SMP, Kolkata handled 65.66 Million Metric Tonnes (MMT) of cargo during FY 2022-23, creating an all time record in the Port's history, surpassing the previous highest of 63.983 MMT handled in 2019-20, clocking a robust 12.87% rise from the previous year's (2021-22) figure of 58.175 MMT.
- ✓ **Highest Cargo Traffic increase in Absolute Terms :** SMPK recorded **highest ever absolute growth of Traffic w.r.t previous year during 2022-23 (7.485 MMT)** surpassing the previous highest absolute growth of 6.94 MMT achieved during 2017-18.
- ✓ Its two sister docks, viz the Haldia Dock Complex and Kolkata Dock System, also witnessed a noteworthy increase in cargo handling, with HDC and KDS handling 48.608 MMT and 17.052 MMT of cargo traffic respectively, in 2022-23, overtaking the previous year's figure of 42.877 MMT and 15.298 MMT, **a rise of 13.37% and 11.47%, respectively.**
- ✓ **Highest Cargo Traffic at HDC :** Incidentally, HDC's handling of 48.61 MMT in FY 2022-23, is the **highest ever cargo volume since its inception**, surpassing its earlier record of 46.68 MMT in FY 2019-20.
- ✓ HDC registered growth in respect of POL (Crude), LPG, Other Ore, FRM, Coking Coal, Non Coking Coal, Fly ash, Lime Stone, Petroleum Coke, Metallurgical Coke, etc. while KDS registered growth in respect of Vegetable Oil, Other Liquid, Manganese Ore, Other Ore, Finished Fertilizer, Pulse/Peas, Timber, Coking Coal, Lime Stone, Container (tonnage) etc. during 2022-23 vis-à-vis corresponding period of last year.
- ✓ **Achieving Ministry's Target :** SMPK had earlier surpassed the Ministry's target of 61 MMT collectively and individually both at its twin dock systems, viz., HDC (44.50 MMT on 3.3.2023) and KDS (16.50 MMT on 22.3.2023).
- ✓ **Improvement in Ranking :** SMPA got **elevated from 6th to 5th position** in cargo handling amongst the Major Ports during 2022-23 vis-a-vis 2021-22.
- ✓ SMP, Kolkata ranked 1st in handling of Coking/Other Coal and 2nd in handling of both Other Liquids & Other Misc. Cargo amongst Indian Major Ports during 2022-23.

CONTAINER TRAFFIC:

- ✓ SMP, Kolkata handled 6,75,904 TEUs (KDS: 5,68,722 & HDC: 1,07,182) during 2022-23 vis-à-vis 7,35,195 TEUs (KDS: 5,69,783 & HDC: 1,65,412) during 2021-22, a decline of 8.06%.

SHIP TRAFFIC:

- ✓ During 2022-23, 3,090 ships (KDS: 1,121, HDC: 1,969) called at SMP, Kolkata vis-a-vis 2,957 ships (KDS: 1,006, HDC: 1,951) in 2021-22. 3,933 vessels (1,969 inward; 1,964 outward) passed through Eden Channel during 2022-23 to / from Haldia vis-à-vis 3,903 vessels (1,951 inward; 1,952 outward) during 2021-22.

HIGHEST RAILWAY TRAFFIC :

- ✓ During 2022-23, **SMP, Kolkata handled highest ever rail borne cargo of 34.608 MMT** (KDS5.794MMT, HDC-28.814MMT) surpassing the previous highest of 30.189 MMT handled in 2021-22, registering a **growth of 14.64%**.
- ✓ HDC of SMPK recorded **highest ever handling of Rail borne traffic of 28.814 MMT** in FY 2022-23 surpassing previous record of 24.269 MMThandled in 2021-22, thus registering a **substantial growth of 18.73%** .

Using Deep Drafted Facilities for transshipment and STS operation

- ✓ Using its deep-drafted facilities, SMPK almost doubled its Transshipment/Lightering operation from 2.365 million tonnes to 4.640 million tonnes (a rise of 96.19%).
- ✓ **Ship-to-Ship (STS) Operations** being carried out at Sandheads have particularly contributed to the steep rise of Transshipment cargo. 30 vessels of LPG, Propane and Butane were handled in this mode in 2022-23 compared to 13 vessels during 2021-22. STS operation substantially reduced the cost of trade by Rs 3 crore per voyage on an average.

India's trade with neighbouring countries

- ✓ In 2022-23, cargo traffic of 4.04 MMT with Bangladesh and 1.87 MMT with Nepal was achieved.
- ✓ **Connectivity to NER through IBP route & Bangladesh:** 4 trial runs under ACMP by SMPK were organized for reaching out transit container cargo to NER states like Assam, Meghalaya, Tripura via IBP route through Kolkata-Bibirbazar and Kolkata-Chattogram-Tamabil routes. Journey commenced on 20.07.2022 and successfully completed on 07.11.2022 with last mile connectivity issues identified. 4 containers having total weight of 58 MT are transported via these trial runs.

A Major Push for PPP Projects :

- ✓ SMPK signed concession agreements in Sep 2022, for 2 PPP projects costing Rs 480 Crores viz. with M/s Adani Port & SEZ for Mechanization of Berth no. 2 at HDC (298.28 Crore) and with M/s Century Ply Ltd. for the maiden PPP Project of KDS viz. "Rejuvenation of KPD-I West on PPP mode" at an estimated cost of Rs. 181.81 crores. **These two projects would be completed by 2024-25 with capacity increase of 4.7 MMT (approx).**
- ✓ In August 2022, **Concession award was issued to M/s Hooghly Oil & Gas Terminal for Setting up of Liquid Cargo Handling Jetty** along with associated facilities, a Greenfield

project , at Shalukkhali, Haldia Dock-II at a cost of Rs 253 crore of 2.04 MMT capacity. The project is likely to be commissioned in August 2025.

- ✓ **Three more projects** (Berth No 5 for HDC, Strengthening& Mechanization of Berth no. 7 & 8 NSD and Floating Crane at DiamondHarbour at a total cost of Rs 1307.74 crore, (envisaged capacity of 13 MMT) are likely to reach Award stage by 2023-24.

Financial Turnaround

- ✓ **Financial Turnround** : The Port achieved Financial Turnaround in 2018-19 with Net Surplus of Rs 65.13 crore after more than a decade. Then onwards, a continuous increase in Net Surplus was registered from Rs 82.54 crore in 2019-20 to Rs 104.08 crore in 2020-21, 120.51 in 2021-22 and further to 304.07 crore in 2022-23.

Estate –Unlocking Estate Potential

- ✓ **Development of Estate Master Plan** : SMPK encompasses 11000 acres of land (KDS : 4500 & HDC : 6500) and are used for Port and other allied activities .The Port has been leasing land for various purposes as per Land Policy Guideline 2015.
- ✓ **Port Master Plan:** In order to have an organised development on SMPK lands, a Master Plan is envisaged to be developed by reputed consultants for 30years for ensuring sustainable development of the land assets, in line with the growth and development of the Port. A tender has been floated in this regard in January 2023 and presently under bid evaluation process.
- ✓ **Multi Modal Terminal of KDS** : For developing the 1st Multi Modal Logistics Park in Kolkata, EoI was floated and the offer is awaited shortly for allotment of land on 30 years lease. The project area is approximately 60 acres and it is located within 2 kms of Kolkata Port. The project will have state-of-the-art warehousing complex and cold storage along with Truck terminal, railways connectivity as well as other ancillary facilities.

Digital Initiatives :

- ✓ E office modules of ERP-EBS already implemented in 2020 . **Rest modules of ERP- EBS are expected to be functional by June 2023.**
- ✓ Port communicates with NLP M through transmission of messages between NLP-M and Port internal application software system. All functionalities of PCS 1x have been migrated to NLP-M since Dec'2022.
- ✓ Import-export process completely digitized at KDS.
- ✓ Online EoDB portal for stakeholders (CHA, vessel operators, shipping lines etc.) started.
- ✓ Gate automation system using RFID based Port Access Control System (PACS) since August 2022.

- ✓ Pre-gate for exports is operational since Mar'22.
- ✓ Yard Operations made contactless .
- ✓ Over 85% DPE and around 50% DPD. Trying to increase DPD to 70%
- ✓ SMPK achieved 2nd highest e-DO consumption after JNPT.
- ✓ 100% e-payment ensured.
- ✓ Using RFID tagging for both container & vehicle at docks.
- ✓ 'My Port' App developed for the Port Customers at HDC to track their cargo.

Going Green Initiatives :

- ✓ **Solar Energy :**At HDC, 1 MW Solar plant operating since Aug'2021 and Capacity will be 1.15 MWP as a new 150 KW solar plant to be installed in 2023-24 . At KDS 160 KWp Solar power plant already Installed. **Solar Power of 2.25 MWp expected to be generated at KPD-II by March 2024** for which DPR is under preparation. M/s. CESC had agreed to SMPK's proposal for purchase of generated Solar Power from the Solar PV Plants.
- ✓ **Reuse of Waste Water :**Sewage Treatment Plant (STP) of 150 KLD costing Rs. 2.16 Cr. to be commissioned at Taratala Port Quarters by April 2023. In collaboration with IOC , a **modern STP (4 MLD) costing Rs. 14.5 Cr is also to come up at Haldia Township by 2024-25.**
- ✓ **Electric Operation of Cargo Handling Equipment :**As per MIV2030 initiatives, all cargo handling equipments are envisaged to be electrically operated in phases by 2030. Two RMQCs at HDC are already electrically operated .**The 3rd RMQC, likely to be operational shortly at HDC, to be electrically operated.**
- ✓ **Shore to Ship Electricity for vessels :**Shore-to-Ship electricity supply facility exists at 2 tug jetties , for Port-owned vessels at HDC. One more berth is targeted to be equipped with this facility by 2023-24 . At KDS, Shore-to-Ship electricity provided to port-owned vessels, small coastal vessels, in Dry Docks of KDS and NSD and at the Indenture Memorial. **It is envisaged that the facility will be extended to all kinds of vessels of both KDS and HDC by 2030.**

Extended Gate Facility at Balagarh,

Development of an Extended Port Gate System at Balagarh,to reduce congestion at KDS. (Project Cost: Rs. 445 Cr, [PPP: Rs 343 Cr & SMPK: Rs 102 Cr] with capacity addition of 2.7 MMPTA).The Project is under appraisal stage.

- ✓ The traffic at Kolkata Dock System has registered a steady growth in the past 5 years. In order to cope up with the projected increase in traffic and to overcome the problem of restricted cargo movement within the city limits, SMPK intends to shift part of its operation to Balagarh, a site 85 KM upstream of Kolkata. Balagarh Island falls under NW-1 route with water depth of about 3.0 metres. The Balagarh Island has a total land area of about 900 acres - ownership shared by SMPK, State Government and Calcutta Electricity Supply Company. SMP, Kolkata owns about 308 acres of land on this Island.
- ✓ Road connectivity to the proposed site at Balagarh Island will be taken up in association with CESC.
- ✓ Planned as investment from PPP partners towards construction of berths, procurement of equipments& associated facilities.
- ✓ SMPK's scope of participation involves infrastructure development like essential road connectivity, dredging, Reclamation, ground improvement and bank protection works etc.

Other Innovative Initiatives

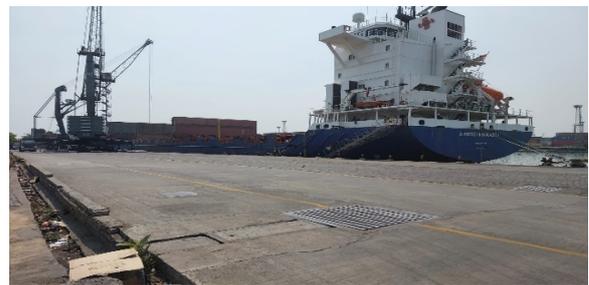
- ✓ **To cater to the demand of future traffic SMPK envisages commencement of Night Navigation** with technical guidance from Antwerp Port, which will increase the capacity of vessel calling & sailing. (work order issued) with reduction of TRT and Berth Occupancy.
- ✓ **Waste to Wealth** As a best practice approach, SMPK in a unique collaboration with ENPK had offered heritage vessel for domestic cruise. Built eight decades ago, P.S. Bhopal, a paddle steamer resumed its journey on 1.10.2022 after resurrection as a Heritage Cruise Vessel cum Museum with thorough repair and restoration. The under deck museum with rare Maritime artifacts of vintage value / floating restaurant / edutainment drawing enthusiastic crowd as the vessel is making commercial run.

Other Distinctive Feats attained in March, 2023

Unique Productivity Feats

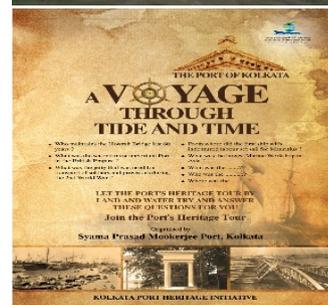
On 29.03.2023 FSL Singapore accomplished 669 moves in just 21.6 hours, averaging around 31 moves per hour at 5NSD Berth using 2 MHCs at a single berth to achieve this unique output.

On 23.3.23, 2200 MT of Petroleum Coke imported by Indian Carbon Ltd. was unloaded from barge BDSSP 3 at 3 KPD in just 5 hours – a commendable feat to achieve. The handling agent was ZS Logistics & Infra Services.



Heritage Tour

A VOYAGE WITH TIME & TIDE involving the historic paddle steamer “BHOPAL” recently restored with an under-deck museum and lounge/entertainment facilities, was organized on 27.3.23, which drew enthusiastic participation, as it touched the various land/water marks of river. Dy. Chairman (K) presided over the programme.



Extended Port Gate Facility at Balagarh - A Push Forward

On 16th March, 2023, Chairman along with Dy. Chairman and Sr. Officers of SMPK visited the Project site of “Extended Port Gate Facility at Balagarh”, aimed to decongest Kolkata Dock System with two berths planned at the initial phase. Proposed cost of the project is around Rs. 450 Crore (Rs.350 Crore planned from PPP partners) Rs.100 Crore to be invested by SMP, Kolkata towards infrastructure development viz. essential road connectivity, dredging etc.

Chairman, Shyama Prasad Mukherjee Port Trust visited the “Extended Port Gate Facility” at Balagarh

MI News Service Kolkata: Chairman, SMP, Kolkata, P.L. Haranadh along with Dy. Chairman, Samrat Rahi and Senior Officers of SMP, Kolkata visited the Project site of “Extended Port Gate Facility at Balagarh” on Thursday. The project is planned for decongestion of Kolkata Dock System and will have two berths at

and developed of associated facilities. Whereas Rs.100 Crores is planned for investment from SMP, Kolkata towards infrastructure development like essential road connectivity, dredging, bank protection works etc.

During visit, P.L. Haranadh, Chairman, SMP, Kolkata examined about



pic Shyama Prasad Mookerjee Port, Kolkata

the initial phase. It would be constructed on 100 acres of Port Land in the island. The propose cost of the project is around Rs.450 Crores out of that Rs.350 Crores is planned as investment from PPP partners towards construction of berths, procurement of equipments

the possible connectivity options, project facilities, encumbrances and way forward initiatives. SMP, Kolkata is in discussion with CESC and other stakeholders in this regard. The proposal will be executed after receipt of necessary approvals from concerned authorities.

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বলাগড়ে বার্থ

কলকাতায় নেতাজি সুভাষ এবং বিদ্যাপুর ডকের উপরে চাপ কমাতে ছয়লির বলাগড়ে প্রায় ৪৫০ কোটি টাকা খরচ করে কয়লা, লৌহ আকরিক, বিভিন্ন ভারী যন্ত্রাংশ পরিবহনের উপযোগী দু'টি বার্থ তৈরি করবেন শ্যামাপ্রসাদ মুখার্জি বন্দর কর্তৃপক্ষ। বৃহস্পতিবার বলাগড় পরিদর্শনে যান বন্দরের চেয়ারম্যান পি এল হরনাদ। বেসরকারি সংস্থার সঙ্গে অংশীদারিত্বের মাধ্যমে সাড়ে তিনশো কোটি টাকা প্রকল্পের খরচ জোপাড় করা হবে।

Kol port chief visits Balagarh hub

Kolkata: Kolkata port (Syama Prasad Mookerjee Port) chairman P.L. Haranadh along with deputy chairman Samrat Rahi visited the site of “Extended Port Gate Facility at Balagarh”. The project is planned for decongestion of the Kolkata Dock System and will have two berths on 100 acres in the initial phase. The proposed cost of the project is around Rs 450 crore out of it Rs 350 crore is planned as investment from PPP partners towards construction of berths. The port is planning to invest another Rs 100 crore towards infrastructure development. The SMP chief examined the possible connectivity options, project facilities, encumbrances and way forward initiatives. The port is in talks with CESC and other stakeholders in this regard.

Celebration of National Safety Day/ Week

SMP Kolkata organized celebration of National Safety Week from 4th-10th March, 2023, both at KDS and HDC to enhance awareness about safety protocols related to dock safety amongst dock workers.

A health and wellness camp was held at 1 KPD on 4th March coinciding with the National Safety Day. ECGs were conducted. 83 Port users attended the camp.

National Safety Week 2023 was observed by HDC concurrently. Dy. Chairman (H) inaugurated the event and flagged off the tableau. Awareness campaign, Safety prize distribution etc. were conducted throughout the week at HDC.





International Women’s Day

International Women’s Day was organized both at KDS and HDC of SMP Kolkata.

At HDC, the occasion was celebrated with Deputy Chairman, HDC as the Chief Guest and Chief Vigilance Officer, SMPK, as Guest of Honor. 120 lady employees and female family members attended the programme.

As part of celebration of International Women’s Day at KDS of SMP Kolkata, Smt. Swati Chatterjee, Social Activist and Ms. Minu Budhia, renowned Psychotherapist along with nominated women employees of KDS were felicitated by Dy.Chairman (K) and Chief Vigilance Officer, SMP Kolkata.

