This first private green field all-weather deep-sea port with round-the-clock operations has currently 10 operational berths and a deep draft of 18 meters alongside the berths which is the deepest offered by any port in India. The port also provides fastest turnaround time for all types of vessels which is made possible by its 13 shore cranes with a discharge capacity of 750 to 1,000 MT per hour per crane. Its single window clearance system provides end-to-end services from stevedoring to custom documentation enabling it to optimally use its massive back up area of 6,500 acres, which houses dedicated coal storage plots that are well connected with dedicated coal sidings.

The throughput of the port includes coking coal, met coke, pet coke and steam coal. Its integrated real time control of cargo handling through Automatic Vehicle Location System (AVLS) and Enterprise Port Management System (EPMS) enables it to handle all types of cargo apart from coal making the port a class apart on the Indian east coast. Port has the ability to handle General / Container, Dry-bulk like Barytes, Coking Coal, Edible Oil, Fertilizers, Granite, Gypsum, Iron Ore, Met Coke, Palm Kernel, Pet Coke, Quartz, Raw Sugar, Rock Phosphate, Steam Coal, Oversize & over dimensional cargo and Agri cargo like Maize and Rice.

Krishnapatnam Port has always strived to offer world-class services and facilities. In a short span it has not only matched to the standards of the Indian maritime industry but...
Focus: Andhra Pradesh

In the past one year following capacity has been added at the port:

- INR 1,100 Crores worth of infrastructure investments made
- 2 new berths are added on the South side of the port
- Draft increased from 16.5 meters to 18 meters
- Yard addition - 375 acres
- Railway Line - 13 Loading / Unloading Lines and 40 km track length
- Electrification of railway lines - 10 km
- New roads have been constructed inside the port and 28 km road is constructed from NH5 till port perimeter
- New Ship Unloaders Installed = 4 Units
- New Keppel Fels RTGs installed = 4 units
- New Doosan Heavy Industries Super Post-Panamax Quay Cranes installed = 5 units
- 2 Units of Liebherr 600 Tactronic Mobile Harbor Cranes added
- 4 new bagging machines were added for fertilizers. Total 20 machines with automated bagging capacity of 42,000 MT/day
- 1 new agri commodity warehouse was commissioned taking the total to 12 covered storage areas
- Warehouse Management System implemented for smooth functioning of warehouse related activities
- Direct pipeline from berth to all 8 edible oil refineries outside the port made available
- Dedicate storage facilities provided to customers
- Bonding & de-bonding facilities set-up as required by customers
- Mechanization of entire fertilizer handling (vessel to rake loading) - has reduced time, energies and increased efficiencies
- Hopper system for agri cargo exports - increases the load rate from 5,000 MT to 10,000 MT per day of load rates
- Electrical power connected to main substation (132/33KV)
- The current capacity has been increased to handle 50 million tons of cargo

has created a mark that is uniquely different from the rest of the ports in India.

With the availability of empty equipment for dry and reefer at KPCT, the trade can take advantage of both organic and strategic growth in the region. With the opening of the MSC service, importers and exporters in AP, Karnataka & North Tamil Nadu will enjoy the benefits of reduced transportation cost of containers. MSC’s weekly service will especially benefit exporters of tobacco, granite, rice, cotton yarn, minerals, etc. and importers of scrap, waste paper, pharmaceuticals, machinery, and timber.

An emerging coal hub

Krishnapatnam Port equally offers advantages for handling coal, something which the other age-old ports in India have not been able to do so from so many years.

As an all weather port with 365 days of operations, it has capability to handle Capesize & Panamax vessels leading to significant benefits in Ocean Freight. It offers high discharge rates leading to faster turnaround of vessels. Its huge hinterland comprises of Andhra Pradesh, Eastern Karnataka, South Eastern Maharashtra & Northern Tamil Nadu can easily rely on the port’s backup area of 2,630 hectares. Ports dedicated coal storage plots are supported by dedicated coal sidings. From end-to-end services that of stevedoring to custom documentation, and with no inconvenience of multiple interfaces (CHA, Stevedores, Customs, Port), minimal dependency & risk of labor union the port provides round-the-clock support with customized solutions. As compared to the nearby ports, Krishnapatnam Port has minimum pre-berthing delays and provides minimal chance of demurrage. Its 3-tier security protection guards and protects the port and its cargoes.

Currently Phase II development is under construction, with an investment of INR 3,000 crores worth of infrastructure investments, the phase II will have the following features:

- Container Berths will be increased and terminal capacity to be increased to 4.8 Million TEU
- Yard capacity will be increased to 40,000 TEU
- Integrated logistics park will be within the port
- Construction of 7 additional berths
- Dredging up to a draft of 19.5 meters
Focus: Andhra Pradesh

**Benchmarks set by KPCL**

- Its highest discharge rate of Met Coke in 24 hrs is 14,029 MT and it recently loaded 3,960.38 MTs of steam coal by conventional method in 59 wagons in just 30 minutes creating an internal record in operational management
- KPCL set a new record by handling largest parcel size of bulk cargo handled by any port in India when cape vessel ‘MV. Wisdom Of The Sea 1’ carrying 166,060 MTs of SA non-coaking coal berthed at KPCL on 14.11.2011
- Highest unloading (Containers) – 90 containers from CONCOR train no. – TNPK1126 – in just 9 mins on 20.11.2011. Total time taken from the arrival to the departure of the rake was only 27 mins
- On 09.01.2012, KPCL created an internal record by loading 3,960.38 MTs of steam coal in 59 wagons in just 30 mins
- KPCL discharged a record 559 MT/Hr of crude Sunflower oil from MT. Adfiners Sun on 24.02.2012. A total of 6,983.069 MT was discharged (including tanks squeezing) in just 12 hrs 30 mins
- On 25.04.2012; KPCL created an internal record in operational management by loading 8,518.19 MTs of granite within 24 hrs in vessel MV. Trade Star
- Port set a world record for discharging 122,247 MTs of steam coal from vessel MV. Cohiba in just 24 hours on August 7, 2012 using the conventional unloading system in form of advanced mobile harbor cranes
- Krishnapatnam Port creates Port Railway record by handling 323 total no. of rakes in August 2012. Total coal rakes handled in August is 248 (Highest) and total cargo handled is 1.12 million tons (Highest) in a month
- Export of Wheat started. The 1st vessel started loading was on 18th Sep with a quantity of 28,345 MT
- Krishnapatnam Port Container Terminal received its first ever dedicated feeder service from The Bengal Tiger Line's stable on September 27, 2012
- Mediterranean Shipping Company (MSC) started a fixed day call at Krishnapatnam Port Container Terminal (KPCT) every Monday on a weekly basis, starting from October 29, 2012 with a port rotation of Colombo-KPCT-Chennai-Colombo. With its new service at KPCT, it will cater to both export and import sectors of: Europe, North and South America, East and South Africa, North and West Africa, Red Sea and Gulf, Far East and China, Australia and New Zealand.

KPCL set a new record by Sept with a quantity of 28,345 MTs has able to receive handling largest parcel size of bulk cargo handled by any port in India when cape vessel ‘MV. Wisdom Of The Sea 1’ carrying 166,006 MTs of SA non-coaking coal berthed at KPCL on 14.11.2011.

Additional cargo-wise railway sidings

Cargo mechanization: Ship loaders & un-loaders, Conveyor, Stackers & Reclaimers, Wagon loaders & tipplers

Such facilities will enable the port to become the coal hub of INDIA as in the future it will be handling nearly 80 Mn MT of coal, of which about 60 Mn Mt of coal is required for 14,000 MW power plant projects that are coming up around Krishnapatnam Port.

Along with economic development Krishnapatnam Port also believes in balanced and sustainable development with the surrounding environment. Krishnapatnam port has the potential to generate almost 150,000 jobs (direct & indirect) leading to the economic and social development of the region. Its final plan will have a handling capacity of 200 mn MTPA with 42 berths. The total quay length will be 12.5 km with a draft of 20 meters, capable of handling 200,000 DWT super capsize vessels. It will have a mega container terminal, ro-ro terminal, liquid bulk terminal, world class bunkering, rig repairing and offshore facilities. It will play a catalytic role in bringing about an industrial revolution in its hinterland by becoming the gateway for exports from and imports to SEZs, Logistic parks, Cement, Steel & Thermal Power plants.

Although Krishnapatnam Port has just set sail it is already creating ripples in shipping circles around the world. This has only been possible due to its skill of building and operating the port in a very high standard giving the utmost value to all its customers. Its belief in innovating, improving and adapting to the needs of its customers is the success formula in making it India’s biggest multipurpose port with an infrastructure and logistic setup of international caliber. Krishnapatnam Port is already emerging among India’s major ports and will drive economic growth of its region.