

The fast track to progress!

Dedicated Freight Corridor (DFC) is a railway route, which is meant exclusively for freight traffic movement. The Western DFC covers a distance of 1504 kms from JNPT to Dadri. It runs through 5 states connecting existing and emerging ports in Maharashtra and Gujarat with the Northern hinterland. The Eastern DFC covers a distance of 1856 kms runs from Ludhiana in Punjab to Dankuni in West Bengal.

Tentative Completion Timeline for Western DFC
December 2021

Tentative completion timeline for Port Pipavav
December 2020

The combined length of Western and Eastern DFC
3360kms

Average train speed along the corridor
65 kmph



The need for DFC

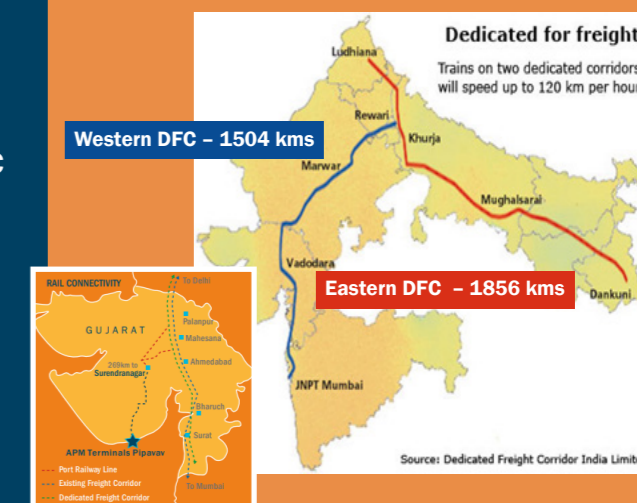
The main objective of DFC is to decongest already saturated road and rail network. The growth in Indian economy demands additional infrastructure facility for the freight movement.

DFC will provide **safe, reliable, flexible, economic and environment-friendly** freight transport system which will lower the overall logistic cost.

- The current line capacity utilization is between **115% to 150%**
- Railway freight traffic has grown significantly in recent past
- Additional capacity is required to cater to the high transport demand
- Creating exclusive infrastructure for the freight will have focussed approach on freight movement

Benefits of DFC

- DFC will connect existing and emerging ports to the north-west hinterland
- Development of Multimodal logistic parks along the DFC will provide complete transport solution to customers
- DFC will enable running of heavy and long haul trains at higher speeds
- Western DFC will carry 7.1 meters high, 3.66 meters wide load with a train length of 1500 meters
- DFC will assist in conversion of freight movement from overstressed road infrastructure to rail
- Modern and innovative technology with improved safety features
- DFC will save 457 million tonnes of CO2 emission over 30 years period



APM Terminals Pipavav

APM Terminals Pipavav is India's first Public-Private Partnership [PPP] port for Containers, RoRo (passenger cars), Liquid Bulk and Dry Bulk cargoes.

- The current annual cargo handling capacity includes 1.35 million TEU Containers, 250,000 Passenger cars, 2 million metric tons of Liquid bulk and 4 million metric tons of Dry bulk
- PRCL [Pipavav Rail Corporation Ltd] in which APMT Pipavav has 38.8% stakes, has developed 269 km of rail track from the port to Surendranagar which connects further to Indian Railways thus connecting the port to the ICD (Inland Container Depot) network in west and north of India.
- It has access to all international shipping routes and well connected to the northwest hinterland by rail and road
- The port has dedicated container yard and adequate marine and landside to cater to the large volumes
- The port will be connected to the DFC

Compatible for double-stack container train operation

11km four-lane expressway connects the port to the National Highway

Customs within the port area

AEO LO (Authorized Economic Operator for Logistic & Terminal Operators) certified port

Drive-through container scanner

APM Terminals Pipavav and DFC – A growth story:

- Single terminal bound trains, thereby erasing the need for intra terminal transfers
- The port will have two connectivity points to the DFC
- A quantum jump in transportation capacity by providing extensive connectivity
- Scheduled & timetabled trains will provide reliability with increased speed
- Lower operating costs [expected to reduce by 40%]; to make way for competitive pricing
- Transit time is expected to reduce from an average of 60 hours at present to 24 hours from NCR
- Loading / Unloading at multiple points will provide flexibility
- New traffic of Road Railers & RORO will get promoted
- Increased frequencies with the combination of Exim & Domestic traffic
- Possibility of running Mix load trains on DFC
- Electrified trial run successfully conducted

For further information :

www.pipavav.com
www.apmterminals.com

Sources:

<https://economictimes.indiatimes.com/blogs/catchmydrift/the-potential-of-dedicated-freight-corridor/>
<https://www.apmterminals.com/pipavav/-/media/asia-and-pacific/Pipavav/About-us/apm-terminals-pipavav-brochure.pdf>
<https://dfcil.com/Home/DynamicPages?MenuId=77>