

GOVERNMENT OF INDIA
MINISTRY OF PORTS, SHIPPING AND WATERWAYS
LOK SABHA
UNSTARRED QUESTION NO- 1848
ANSWERED ON – 02/08/2024

FREIGHT ACTIVITIES IN NATIONAL WATERWAYS 4

1848. SHRI MADDILA GURUMOORTHY:

Will the Minister of PORTS, SHIPPING AND WATERWAYS be pleased to state:

पत्तन, पोत परिवहन और जलमार्ग मंत्री

- (a) whether the freight activities in National Waterways-4 have started and if so, the details thereof;
- (b) whether any assessment has been undertaken to ascertain the extent of Cost-effectiveness of the transportation through waterways in comparison with rail and road modes of transportation; and
- (c) if so, the details thereof and if not, the reasons therefor?

ANSWER

MINISTER OF PORTS, SHIPPING AND WATERWAYS
(SHRI SARBANANDA SONOWAL)

(a) Yes Sir. Roll-on/Roll-off (Ro-Ro) service is operational between Ibrahimpatnam to Lingayapalem (opposite bank) in Krishna River in National Waterway-4 (NW-4) and transported stone chips for construction activities. The cargo movement recorded on NW-4 from 2018-19 and till 2023-24 is as below:

Year	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Quantity Million Ton	0.45	0.08	6.83	11.23	8.42	4.22

(b) & (c) As per the assessment made by RITES on Integrated National Waterways Transportation Grid Study, the important benefits of Inland Water Transport (IWT) mode compared to rail and road transportation are as follows:

Cost saving and fuel efficiency:

1 Litre of fuel moves 24 tonne - km on road, 95 tonne-km on rail and 215 tonne-km on IWT. Comparative inter-modal costs of Rs. / Tonne-Km are given below:

Mode	Freight (Rs./Tonne-km)
Railways	1.36
Highways	2.50
IWT	1.06
