

**GOVERNMENT OF INDIA
MINISTRY OF COMMUNICATIONS
DEPARTMENT OF TELECOMMUNICATIONS**

**LOK SABHA
UNSTARRED QUESTION NO. 1697
ANSWERED ON 29TH JULY, 2026**

INCREASING OPTICAL FIBER CONNECTIONS IN INDIA

**1697. SHRI MAGUNTA SREENIVASULU REDDY:
SHRI PUTTA MAHESH KUMAR:**

Will the Minister of COMMUNICATIONS be pleased to state:

- (a) the details of the total length of optical fiber connections that have been proposed, under process and functional at present from India, State-wise especially from Andhra Pradesh;
- (b) whether the Government has undertaken any steps to increase production of undersea optical fiber connections in the country and if so, the details thereof including a list of schemes /initiatives regarding the same;
- (c) the details of the total amount of funding allocated, released and utilised for increasing production of optical fiber connections (especially undersea) in the country, State-wise particularly Andhra Pradesh;
- (d) whether the Government has conducted any training/skilling initiatives for specialised labour to undertake maintenance and laying of optical fiber cables across the country; and
- (e) if so, the details thereof and if not, the reasons therefor?

ANSWER

**MINISTER OF STATE FOR COMMUNICATIONS AND RURAL DEVELOPMENT
(DR. PEMMASANI CHANDRA SEKHAR)**

- (a) The international submarine cables providing connectivity from India are owned and operated by Telecom Service Providers (TSPs) based on their techno-commercial requirements. The total length of operational international submarine cables landing in India is 1,67,068 Km. The total length of proposed international submarine cables landing in India is 1,18,399 Km. The details are enclosed as **Annexure**.
- (b) No.
- (c) No, in view of (b).
- (d) No.
- (e) The laying and maintenance of submarine cable systems constitute a niche segment, and the associated skilling and training are undertaken by Telecom Service Providers (TSPs) in association with Marine Service Providers (MSPs) based on their techno-commercial requirements.

Length of Submarine Cable Systems landing in India (Operational)

SI No	Name of the Submarine Cable System	Location of Cable Landing Station	Length of the Submarine Cable System (in kilometers)
1	FLAG Europe Asia (FEA: Fiber-Optic Link Around the Globe)	Maharashtra	28000
2	SEA ME WE 4 (South-East Asia Middle East-Western Europe 4)	Maharashtra, Tamil Nadu	19016
3	Falcon (Flag Alcatel-Lucent Optical Network - 1)	Maharashtra	1743
4	SEA Cable + TGN EA (SEACOM)	Maharashtra	9600
5	IMEWE (India-Middle East- Western Europe)	Maharashtra	12091
6	EIG (Europe India Gateway)	Maharashtra	15000
7	GBICS (Gulf Bridge International Cable System)	Maharashtra	2830
8	MENA (Middle East North Africa)	Maharashtra	6157
9	TGN Gulf (Tata Global Network-Gulf)	Maharashtra	4031
10	BBG (Bay of Bengal Gateway)	Maharashtra, Tamil Nadu	8081
11	AAE-1 (Asia Africa Europe- 1)	Maharashtra	25000
12	Network I2I	Tamil Nadu	3264
13	SAFE (South Africa Far East)	Kerala	13500
14	TIISC (Tata Indicom India- Singapore Cable System)	Tamil Nadu	3175
15	Bharat Lanka Cable System (BLCS)	Tamil Nadu	323
16	Falcon (Flag Alcatel-Lucent Optical Network - 2)	Kerala	1140
17	IAX (India Asia Xpress)	Maharashtra, Tamil Nadu,	6917
18	Myanmar/Malaysia India Singapore Transit (MIST)	Maharashtra, Tamil Nadu	7200
Total			167068

Length of Submarine Cable Systems landing in India (Proposed)

SI No	Name of the Submarine Cable System	Location of Cable Landing Station	Length of the Submarine Cable System (in kilometers)
1	IOC (Indian Ocean Cable)	Maharashtra	4000
2	IEX (India Europe Xpress) Cable System	Maharashtra	9692
3	2Africa Cable System	Maharashtra	45000
4	SEA-ME-WE-6 (South East Asia-Middle East-Western Europe-6) Cable System	Maharashtra, Tamil Nadu	21773
5	Raman Cable System	Maharashtra	6770
6	Waban Cable System	Maharashtra	13943
7	Bay of Bengal Cable System	Andhra Pradesh, Tamil Nadu	2900
8	Wyasa Cable System	Tamil Nadu	8463
9	I-2SEA (India to South-East Asia) Cable System	Andhra Pradesh, Tamil Nadu	3630
10	IAX (India Asia Xpress) (additional/new segment)	West Bengal, Andhra Pradesh	2228
Total			118399
