Cytaglobal

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COMMENTS

Cytaglobal is the international wholesale business unit of Cyta, the incumbent telecom provider in Cyprus. In addition to terrestrial links across Cyprus, Cyta has ownership interests in a number of regional and international submarine cable networks. The company offers lease and IRU access on these systems.

Cyta owns a fiber pair on Telecom Egypt's TE North submarine cable system. The Cyta subsystem, dubbed Alexandros, connects Cyprus to Egypt and France.

Cyta operates a couple of submarine cable subsystems that use dedicated express fiber pairs on the MedNautilus network. One such subsystem, called Minverva, is a self-healing ring between Cyprus and Italy that also uses dedicated capacity on the Lev network. MedNautilus operates and manages the subsystem for the sole use of Cyta and its customers.

Cyta's Athena subsystem also uses MedNautilus to connect Cyprus with Greece. It consists of two integrated rings. One ring interconnects Cyprus, Crete, and Sicily, and the other connects Crete to the Greek mainland, terminating in Athens.

Lastly, Cyta's Kimonas subsystem consists of a wholly-owned fiber pair on MedNautilus that connects Cyprus to Crete.

Cyta joined ST of Syria and the Lebanese Ministry of Telecommunications to form a high-capacity ring connecting their respective countries using existing subsystems. CADMOS, UGARIT, and BERYTAR were interlinked and upgraded to enable the potential use of 40 Gbps wavelengths throughout the ring.

Cyta and Radius Oceanic Communications have developed a subsea cable system called POSEIDON to serve the offshore oil and gas industry in the Mediterranean. The system is an 800-kilometer self-healing ring network connecting to two Cyta landing stations in Cyprus.

CONNECTIVITY

Submarine Systems

Direct cable ownership   7
IRU and leased capacity 3

SERVICE OFFERINGS

SDH/SONET

- ■ STM-1/OC-3
- ■ STM-4/OC-12
- ■ STM-16/OC-48
- ■ STM-64/OC-192

Wavelengths

- ■ 10 Gbps
- □ 100 Gbps

Other

- □ Dark Fiber
- □ Spectrum

Ethernet

Technology
- ■ EoMPLS
- □ EoDWDM
- ■ EoSDH

Bandwidth
- ■ 100 Mbps
- ■ 1 Gbps
- ■ 10 Gbps
- □ 100 Gbps

PURCHASE OPTIONS

	Dark Fiber	Wave-lengths	SONET/SDH	Ethernet
Leases				
Occasional Use	□	□	□	□
Under 1 year	□	■	■	■
1-3 Years	□	■	■	■
Over 3 years	□	■	■	■
Lease to IRU	□	■	■	■
Indefeasible Rights of Use				
IRU	□	■	■	□

 15 IRU Length in Years

□ IRU Includes capacity upgrade options
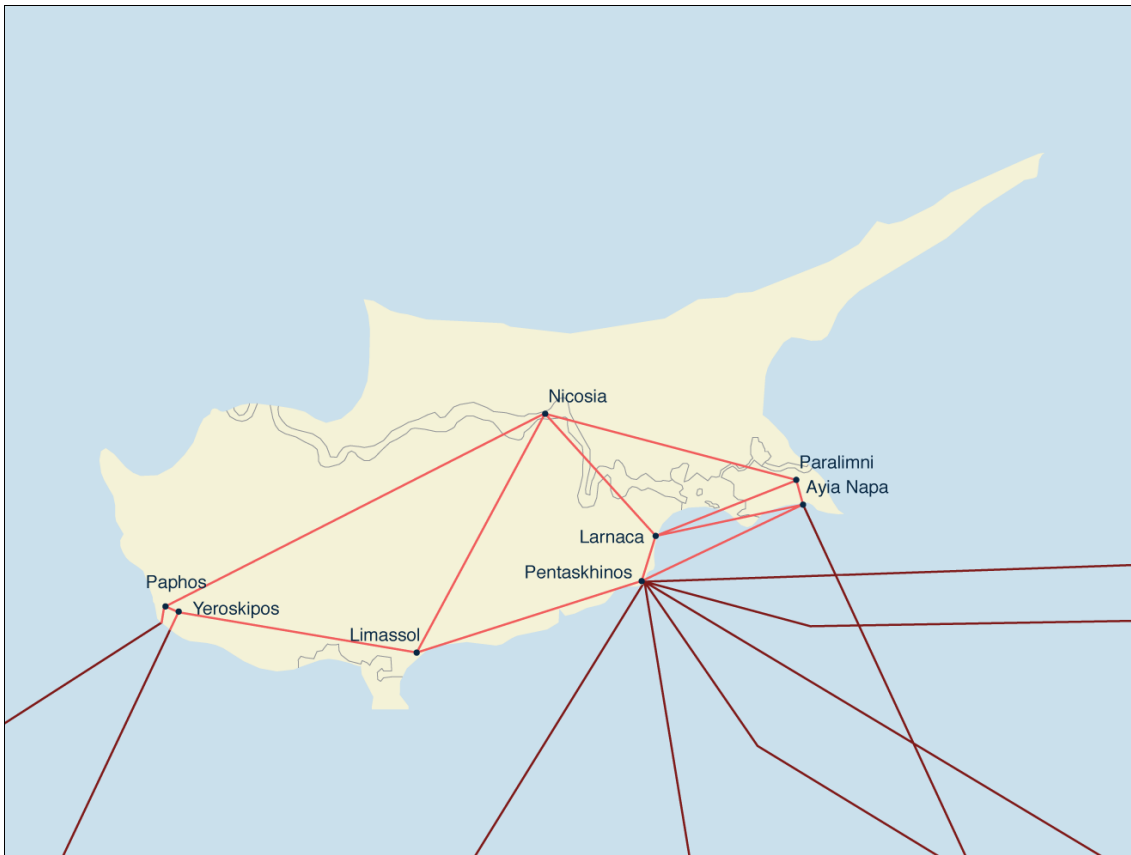
Carrier is incumbent in highlighted region. Connectivity more extensive than shown.

CITY CONNECTIVITY

Athens, Greece	Nicosia, Cyprus
Ayia Napa, Cyprus	Paphos, Cyprus
Larnaca, Cyprus	Paralimni, Cyprus
Limassol, Cyprus	Pentaskhinos, Cyprus
London, United Kingdom	Yeroskipos, Cyprus
Marseille, France	

SUBMARINE CABLE CAPACITY

Direct Cable Ownership

- CADMOS
- Columbus-III
- SAT-3/WASC
- SeaMeWe-3
- TAT-14
- TE North/TGN-Eurasia/SEACOM/Alexandros
- UGARIT

IRU and Leased Capacity

- Asia Africa Europe-1 (AAE-1)
- Lev Submarine System
- MedNautilus Submarine System

TeleGeography

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