

## Transatlantic Lambdas

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12 February 2010

# Transatlantic Framework Agreement



- Global Crossing
- Interoute
- L3
- Reliance Globalcom
- TeliaSonera
- T-Systems

# Transatlantic Cable Systems



Cables system usage	AC-1		Yellow	Apollo		TAT-14		Hibernia		FA-1 (Flag Atlantic)	
	north	south		north	south	north	south	north	south	north	south
L3	█	█	█	█	█					█	█
TeliaSonera						█					
T-Systems						█	█				
Interoute								█	█		
Reliance Globalcom										█	█
Global Crossing	█	█									

# Opportunities for Diversity



**AC-1**

**AC-1**  
Owners  
Tyco / Global Telesystems Ltd

**Landing points**

1. Shirley, New York (Brookhaven Cable Stn.)
2. Whitesand Bay, UK (Land's End Cable Stn.)
3. Westerland, Sylt, Germany
4. Beverwijk, Netherlands (PTT Telecom Cable Stn.)

**TAT-14**  
(Map not currently available)

**Owners**  
Carriers consortium

**Landing points**

- Blaabjerg, Denmark
- Norden, Germany
- Katwijk, Netherlands
- St-Valery-en-Caux, France
- Widemouth Bay, UK
- Tuckerton / Manasquan, New Jersey, United States

**Total length** 15,428 km  
**Topology** Self-healing ring



**Apollo**

**Apollo**  
Owners  
Apollo Submarine Cable System Ltd

**Landing points**

1. Bude, UK
2. Lannion, France
3. Shirley, New York
4. Manasquan, New Jersey

**Total length** 13,000 km  
**Topology** Two Fully Diverse Paths  
**Design capacity** over 3.2 Tbit/s per Leg  
**Currently lit capacity** unknown  
**Technology** Fibre Optic DWDM  
**Date of first use** early 2003  
**Decommissioning date** unknown

**Hibernia Atlantic**

[[Image: Hibernia Atlantic Network Map @ 300px]]

**Owners**  
CVC Acquisition Co. (Ireland)  
(Columbia Ventures Corporation)

**Landing points**

1. Herring Cove, Nova Scotia, Canada
2. Lynn, Massachusetts, USA
3. Dublin, Ireland
4. Southport, UK

**Total length**  
**Topology**  
**Design capacity** 10.16 Terabites  
**Currently lit capacity**  
**Technology** Fiber Optic DWDM  
**Date of first use** April 8, 2001  
**Decommissioning date** unknown

**Yellow / AC-2**

**AC-2**  
Owners  
Level 3 Communications and Global Crossing Ltd.

**Landing points**

1. Bellport / Brookhaven, New York
3. Bude, UK

**Total length** c. 6,400 km  
**Topology** unknown  
**Design capacity** 640 Gbit/s  
**Currently lit capacity** 320 Gbit/s  
**Technology** Fiber optics  
**Date of first use** November 2000  
**Decommissioning date** unknown