

**Verne**

# **North Atlantic Cable Update UKNOF 11 – London England 9 September 2009**

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# About the Presenter

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# Agenda

- **Cable Basics**
- **Activity Summary**
- **Cable Overview**
- **Performance**
- **Overview**
- **Questions**

# Cable Basics

- Some companies manufacture, lay, and repair undersea cables and their components
- Some companies manufacture components or cable only
- Some companies do it all, while some sub contract to provide full service
- Every cable has branching opportunities
- There are hazards in routing cables like shipping, fishing, and the ocean environment itself
- Cable deployment is costly, and huge expense can be incurred even when doing it wrong (cheap)
- Interconnecting to terrestrial elements can be challenging
- Detail, detail, and detail.

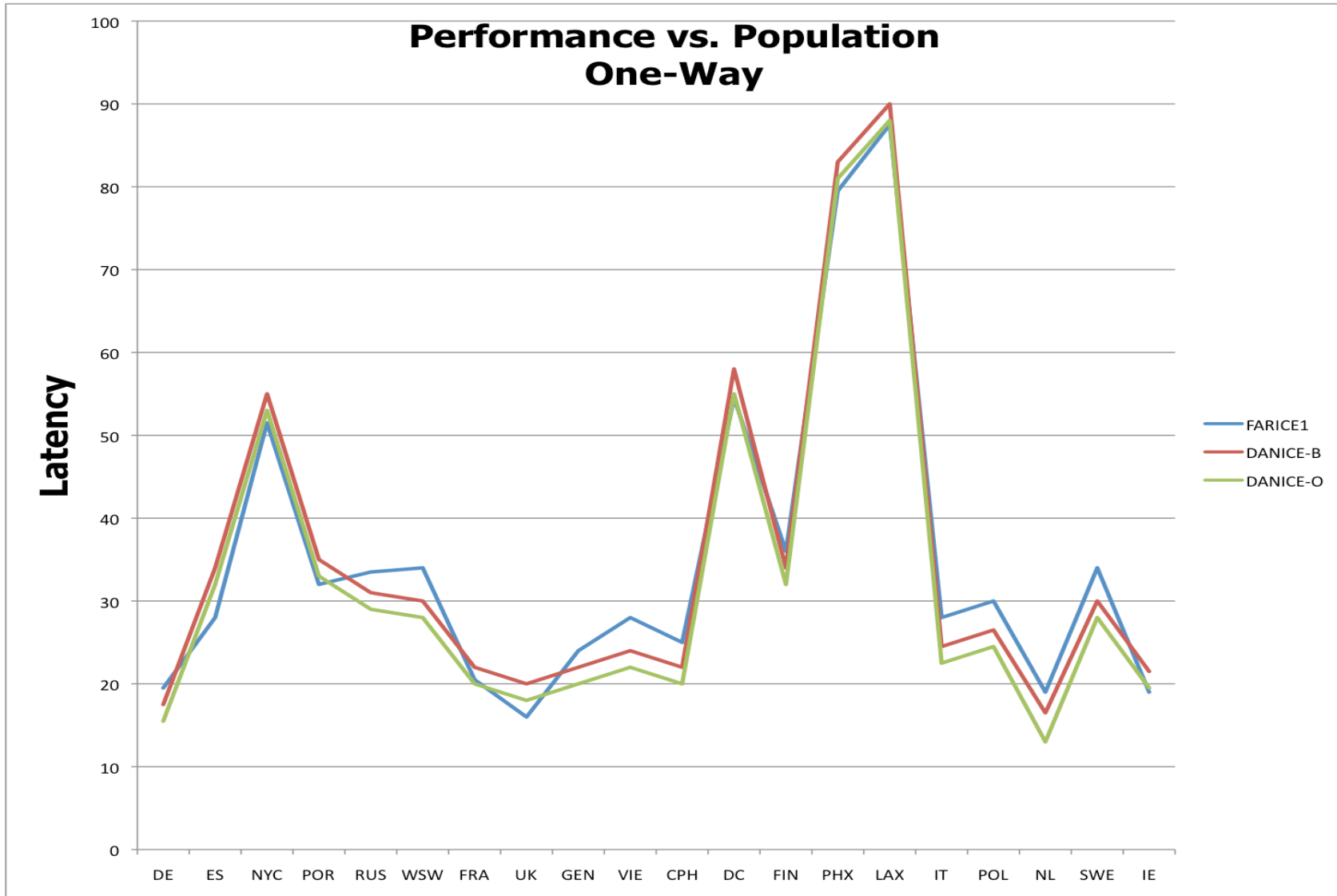
# Activity Summary

- **Three physical routes in the North Atlantic**
  - **Two originating in Iceland**
    - **Farice1 to Telehouse**
    - **Danice to Blaabjerg**
    - **Possible branch facing another EU location**
  - **One transiting Iceland**
    - **Greenland Connect to Halifax, via Nuuk**
    - **Interconnects to Farice1 and Danice**
  - **One announced**
    - **Hibernia**

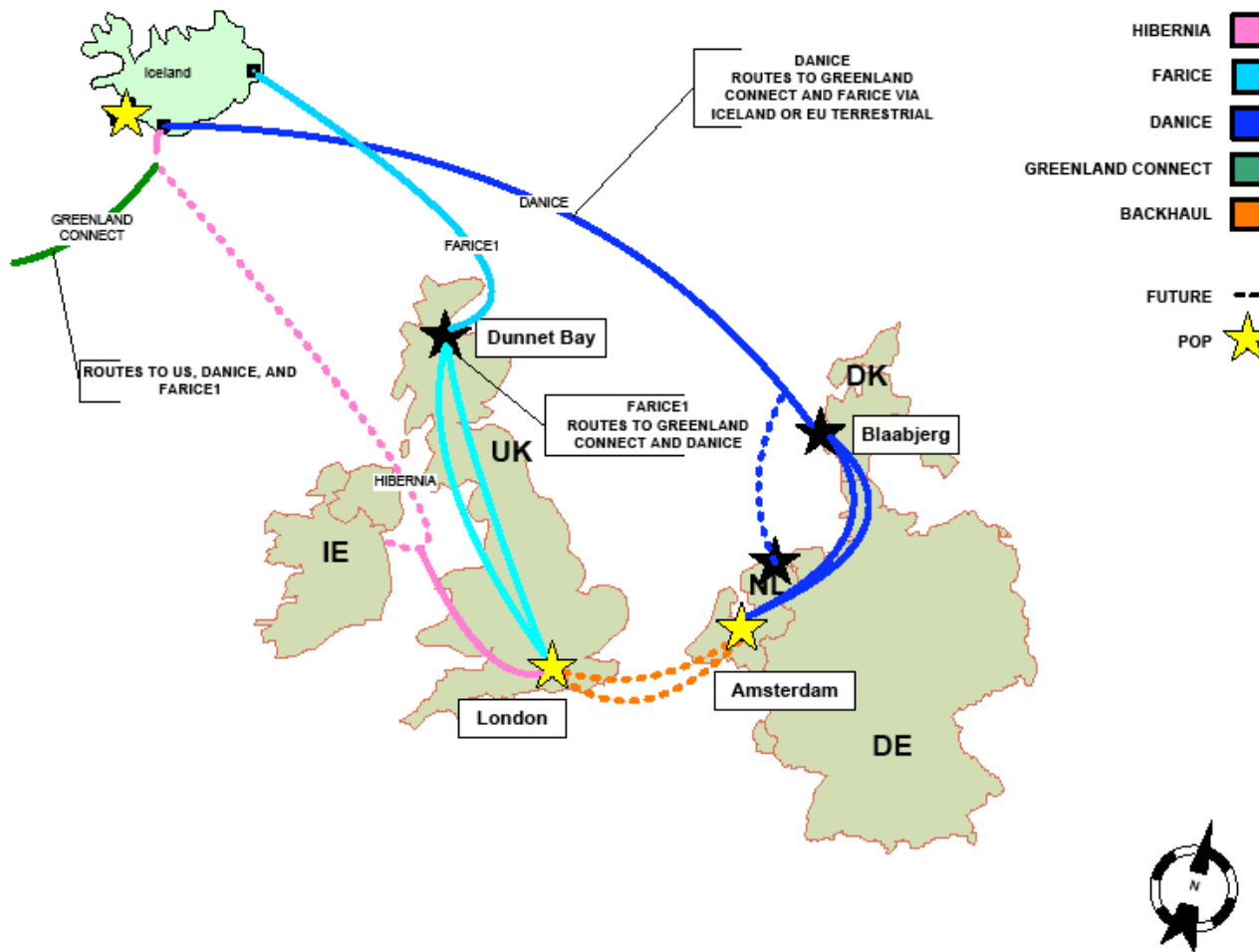
# Cable Overview

NAME	EF&I ELECTRONICS	OPERATOR	DESIGN CAPACITY	ORIGIN	TERMINATION
FARICE1	GLOBAL MARINE, TYCO	FARICE	1.9 Tb/s	EASTERN ICELAND	DUNNET BAY, SCOTLAND
DANICE	TYCO, TYCO	FARICE	5.1 Tb/s	SOUTHWEST ICELAND	BLAABJERG, DK TBD
GREENLAND CONNECT	ALCATEL LUCENT	TELE GREENLAND	1.9 Tb/s	ICELAND	NUUK, GL HALIFAX, NS

# Expectation



# Overview





**Questions?**

**Thank You**

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