

PROJECT TITLE:

Oceanic Fiber Optic Cable Design & Construction



Project Location:	Alaska and Washington
Scope:	Engineering and Construction Management
Self-Performed Work:	Site selection, landing design, permit acquisition & construction

An Alaskan telecommunications company planned to construct an undersea festoon fiber optic cable system to connect several coastal cities in Alaska to the lower 48 states at Seattle, Washington. They hired us to assist in the site selection, landing, design, permit acquisition, and construction of the project. We confirmed that the sites were feasible and we provided site surveying. We engineered the direct trench and directional bore alignments and profiles, and four ocean ground beds. We also prepared the necessary drawings, obtained local permits and produced construction documents. During construction, we provided on-site representation for all of the field activities.