

We Provide Customized Solutions Based on Your Needs

Astound provides industry-leading, turnkey subsea landing solutions - from site selection and acquisition to building and operating new landing stations backhaul routes to metro areas. If you are landing a cable in the United States, Astound is the perfect partner.

Cable Landing Station

- Site selection and land acquisition
- Land development
- Modular CLS design/deployment
- 24/7 monitoring with on-call technician schedule
- Remote hands team for PFE support

Beach Manhole

- Site Selection and land acquisition
- Land development
- On-site coordination

Fronthaul

- Fully licensed CLEC
- Sizing for multiple systems deployments
- Design, engineering, and permitting
- Conduit, vaults, and subduct installation
- O&M services including conduit, power, and fiber

Backhaul

- Extensive experience in design and build of new subsea backhaul routes
- 5 existing West Coast subsea backhaul routes
- Industry-leading outside plant protection for all subsea paths
- 24/7 emergency restoration teams

Optical Repeater Sites

- Site selection and land acquisition
- Lot development
- Local permitting experience
- Repeatable modular design for quick deployment
- 24/7 monitoring with on-call technician schedule

SUBSEA BACKHAUL

Connecting Landing Stations with Our Fiber Network

Serving more than a dozen transpacific cable systems with routes in Oregon and on the Central Coast of California.

Oregon

3 subsea backhaul routes from the Oregon coast to Hillsboro, Oregon - with this new one added in 2023:

Wilson Route (Green)

- 170km, 100% underground route
- Single-mode G652.D fiber
- 2 ILAs spaced at 55km +/- 5kms
- Brand-new AFLcable with Corning SMF-28 Ultra glass

California

2 new subsea backhaul routes from Grover Beach to San Luis Obispo, California, in 2023.

Coastal Route (Blue)

- 29k of 100% underground route
- Single-mode G652.D fiber
- No ILAs
- Brand-new AFL cable with Corning

Inland Route (Red)

- 27km of 100% underground route
- Single-mode G.652.D fiber
- No ILAs

