



P R E S S R E L E A S E

FOR IMMEDIATE RELEASE

Port of Oakland OKs new high-power line to plug in more ships

A 200-foot cable-on-reel extends reach of program that cuts diesel emissions

Oakland, Calif. – August 14, 2017: Port of Oakland officials said today they've commissioned new equipment bolstering efforts to curb diesel emissions from ships. The Port OKd a high-voltage cable system that will connect more vessels to Oakland's landside power grid. The Port said the breakthrough will accelerate the program that has helped cut emissions 76 percent in Oakland since 2009.

"We're continually working to reduce emissions," said Chris Chan, the Port's Director of Engineering. "This is way to build on our success and extend our reach."

The Port said the 200-foot cable-on-reel system will be deployed by Oakland International Container Terminal will connect to ships that can't closely align with landside electrical vaults at berth. When the ships plug into the vaults, they'll switch off onboard diesel engines and rely on grid power. The result: no diesel emissions during Oakland calls.

The Port said nearly 400 vessels are equipped to plug into Oakland's landside electrical system. The problem ships sometimes berth beyond the reach of their onboard power cables.

That's where the terminal's new \$230,000 cable system comes in. Its 10-foot-tall reel is affixed to a trailer. The mobile platform can be deployed alongside any vessel. The cable will connect ships to one of the terminal's 18 shorepower electrical vaults.

The Port said its engineers have overseen two successful trials of the mobile cable system. It said it expects the technology to be deployed full-time by autumn.

Shorepower is one of a series of steps employed to reduce ship emissions in Oakland. The others include:

- Converting ships to cleaner-burning low-sulfur fuel when they near the California coast;
- Moving ships quickly in-and-out of Port so they're not sent to anchor in San Francisco Bay with engines running while awaiting berths; and
- Consolidating cargo on fewer but larger ships to reduce the number of vessel calls.

About the Port of Oakland:

The Port of Oakland oversees the Oakland seaport, Oakland International Airport, and 20 miles of waterfront. Together with its business partners, the Po supports more than 73,000 jobs in the region and nearly 827,000 jobs across the United States. Connect with the Port of Oakland and Oakland International Airport through Facebook, or with the Port on Twitter, YouTube, and at www.portofoakland.com.

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