

Terasaki in Marine sector



We Are..

- * Specialists in low voltage circuit breakers
- * No 1 in marine market
- * Breaker maker for other companies



Ports Around the World



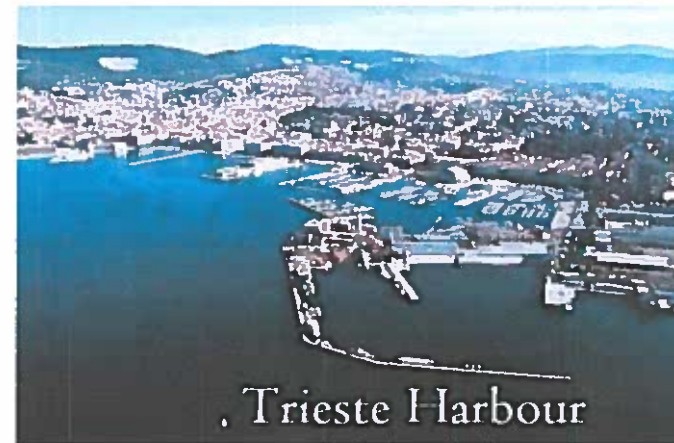
Colon Container terminal

- * Owner: Evergreen.
- * Location: Colon city, Panama
- * Phase I Completed in 1998
- * After completion of Phase I, Terasaki continue to work on this project.
- * Full turnkey project: install, test, commission



Trieste Harbour Buildings

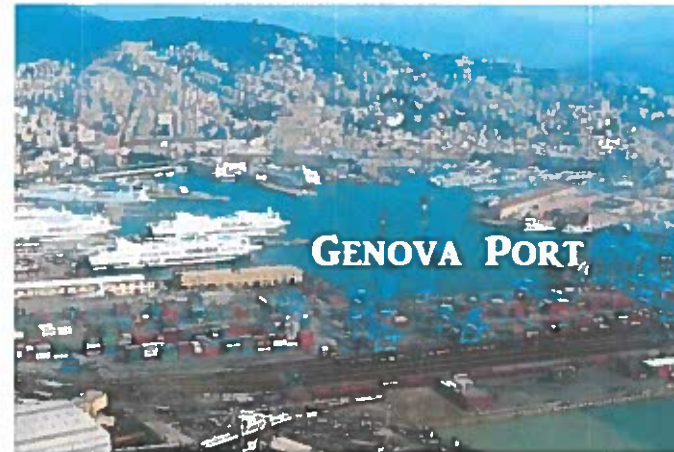
- * Italy
- * Client/End User:
Trieste harbour Authority
- * Terasaki supplied switchgear in 2005



Located in the heart of Europe, at the intersection between shipping routes and the Baltic-Adriatic and Mediterranean TEN-T core network corridors, the Port of Trieste is an international hub for overland and sea trade with the dynamic market of Central and Eastern Europe.

Genoa Port

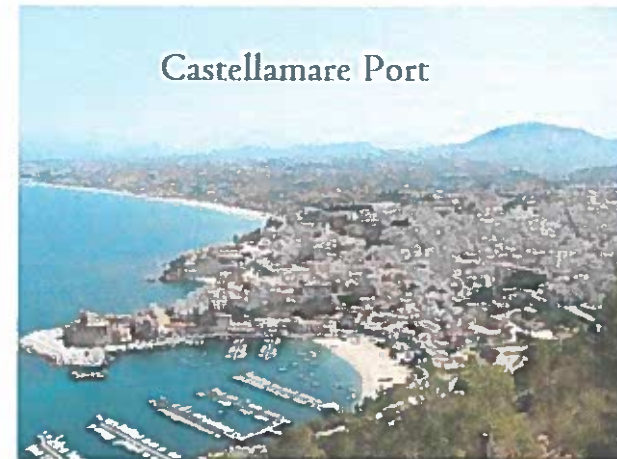
- * Italy
- * Client/End User
S.Maria Maintenances
- * Terasaki supplied switchgear in 2000



- * The Port of Genoa is a major Italian seaport on the Mediterranean Sea. With a trade volume of 51.6 million tonnes, it is the busiest port of Italy by cargo tonnage. The port is also used as a dismantling station and has been named as the port where the Costa Concordia is to be dismantled.

Port of Castellammare di Stabia

- * Italy / Napoli
- * Terasaki Supplied switchgear in 2015



- * Stabia Main Port, inaugurated in June 2015, is located in the heart of the town Castellammare di Stabia, a charming village just a short distance from the archaeological sites of Pompeii and Stabiae.

Salerno new Cruise ships port

- * Italy
- * Client/End User:
M.C. Automation
- * Terasaki supplied switchgear in 2015



- * The Port of Salerno is recording in the first class on the second category of maritime national Ports.
- * The outside seawall protecting the east-facing entrance to the Port of Salerno is 350 metres long, the East Quay is 1,550 metres long and the West Quay, protecting southwest side port, is 1,180 metres long.

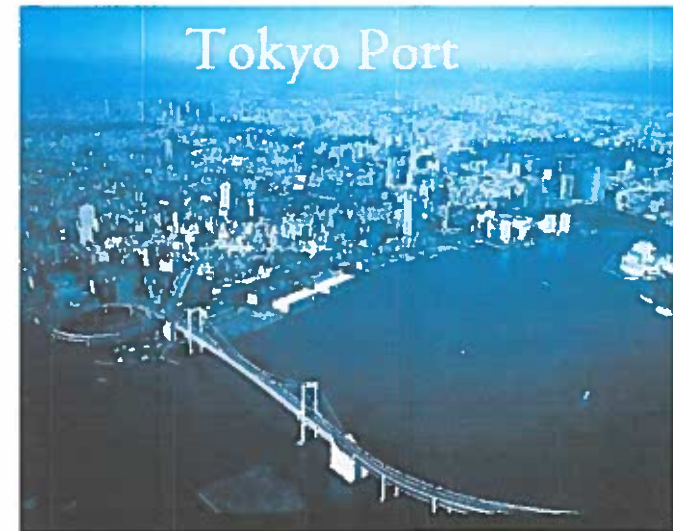
Ports in Japan

* Tokyo Port

- * **Owner:** Bureau of Port and Harbor, Tokyo Metropolitan Government
- * **Panelboard builder:** Furukawa Electric

* Shiogama Port

- * **Owner:** Miyagi Prefectural Government
- * **Panelboard builder:** Furukawa Electric



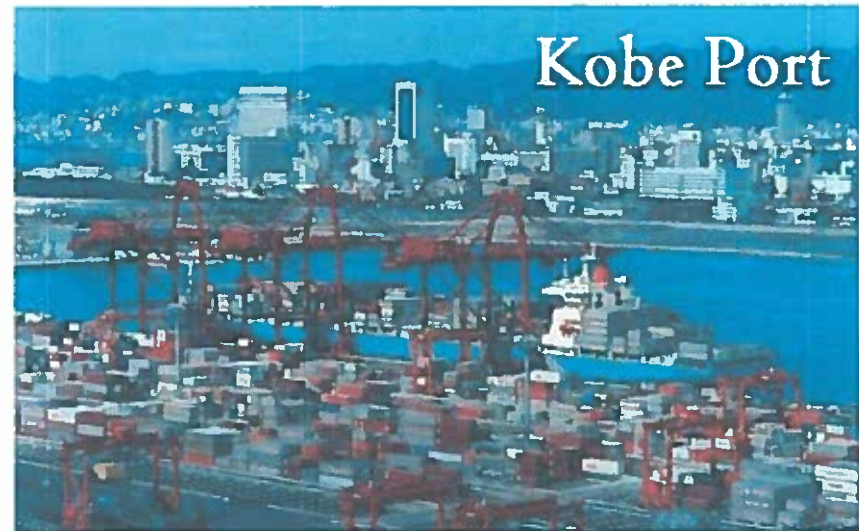
Ports in Japan

- * Kamaishi Port

- * **Owner:** Miyagi Prefectural Government
- * **Panelboard builder:** Furukawa Electric

- * Kobe Port

- * **Owner:** Kobe Port Terminal Corporation
- * **Panelboard builder:** Meiden



Port of Tanjung

- * Malaysia, Iskandar Johore
- * Terasaki has been supplying switchgear for 10 years, during 5 phases.



- * Malaysia's most advanced container terminal, The Port of Tanjung Pelepas (PTP) is strategically located at the confluence of the main east-west shipping lanes

More in Southeast Asia

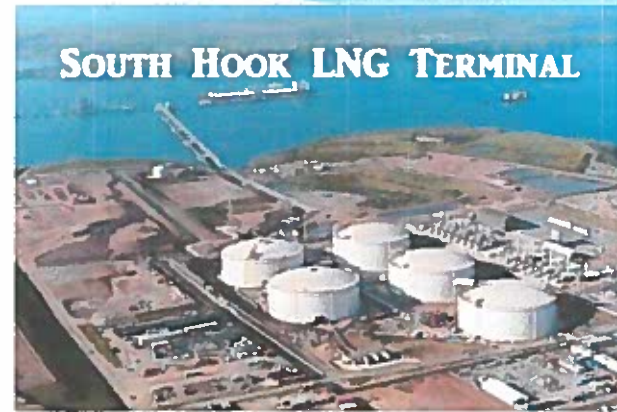
- * Port Klang
- * Westport deep sea port in Pulau Indah
- * Port of Singapore

...all have Terasaki
switchgear installed!



South Hook LNG Terminal

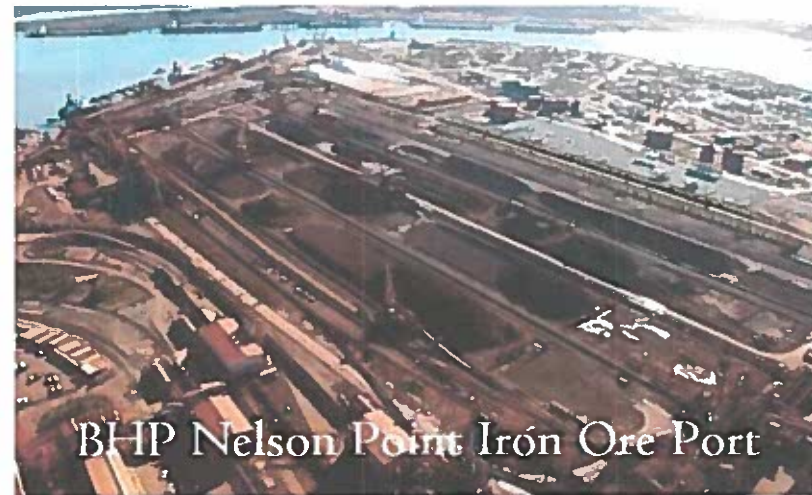
- * UK: Milford Haven, Pembrokeshire, West Wales.
- * Client: British Gas



- * Ground-breaking in terms of its size and strategic importance, the South Hook LNG Terminal is a strategically significant link in the world's first fully integrated Supply Chain that stretches from the gas fields off the north east coast of Qatar to the deep waterway of Milford Haven, Pembrokeshire, West Wales.

Port Hedland, Australia

- * BHP Nelson Point Iron Ore Port
- * Approx. 20 Terasaki AR ACBs (2000A – 3200A) installed, which run the ship loaders and conveyers.



Port Hedland, Australia

- * FMG Anderson point port
- * Approx. 15 Terasaki AR ACBs (2000A – 3200A) installed, which run the ship loaders and conveyers



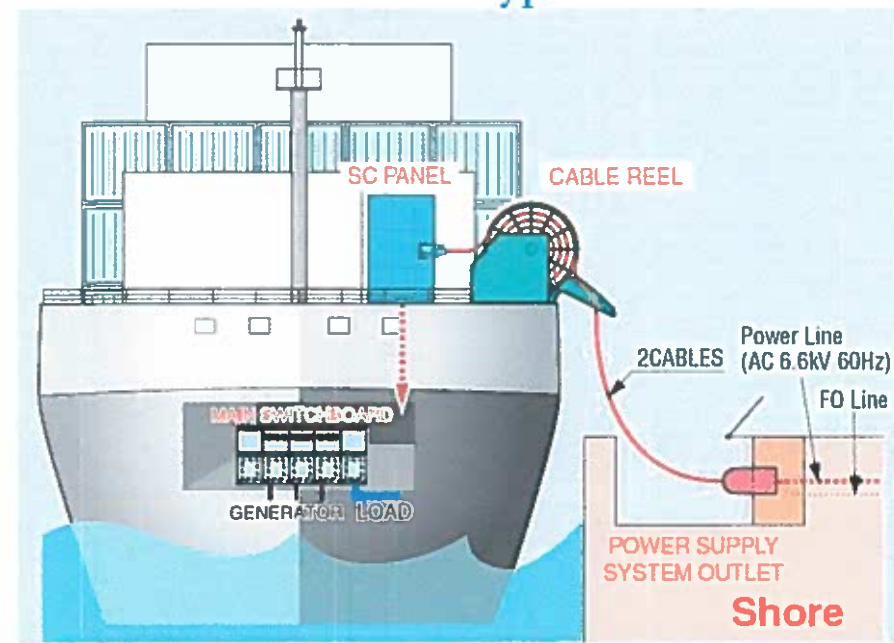
On-Shore Power Supply System

- * On-shore Power Supply System is intended decrease pollutants discharged from ships on the berth and protect the environment of the harbour by stopping the on-board power generator engines, boiler, and other heat sources and alternatively supplying the necessary electric power from the shore side.
- * CO₂ emissions can be reduced some 60% by stopping a ship's engine, and using land-based electrical power instead.

On-Shore Power Supply System

- * Highly reliable standard system with an excellent track record
- * Cable operation on ship and shore can be performed by a single person!
- * Easy on-shore connection with only two cables used record

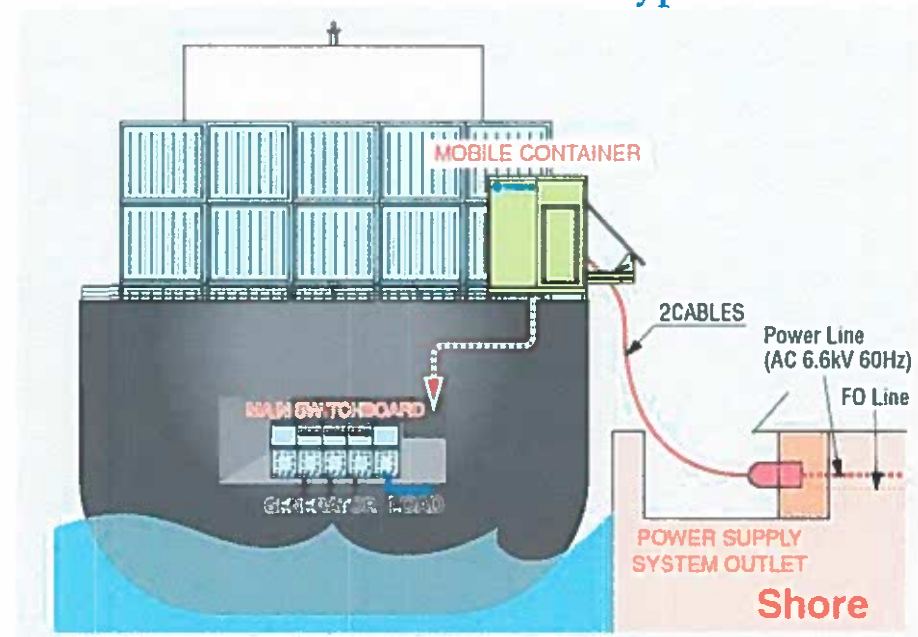
Fixed Type



On-Shore Power Supply System

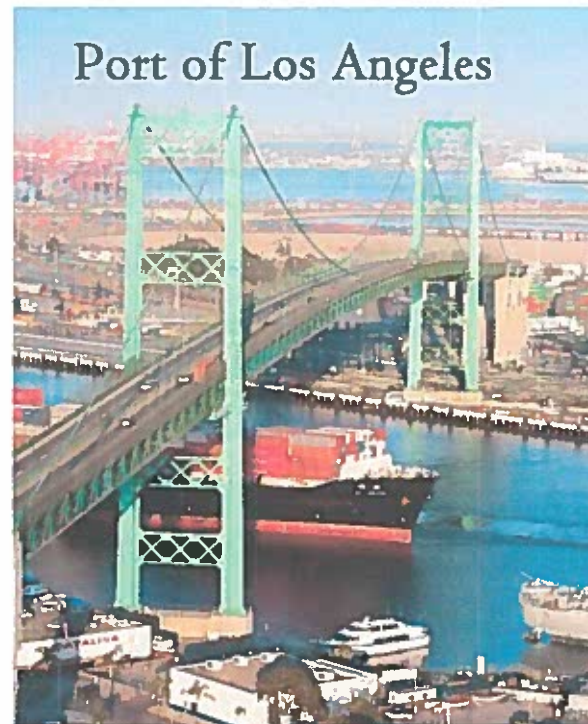
- * Easy blackout-free power switching between ship and shore with one push of a button
- * Equipped with various safety devices

Mobile Container Type



On-Shore Power Supply System

- * Terasaki is supplying AMP system for many ship's owners: NYK, MOL, OOCL, Evergreen, Yangming, American President Line etc.
- * On-shore power supply was provided for many ports, including LA port & Long beach port.



Other Terasaki Projects

- * Terasaki switchgear can be used in any industry. This is proved by our project references list with over 1000 entries.
- * Data centres, hospitals, nuclear power stations, mining sites... all rely on Terasaki high quality!