

JANUARY 2024

HAPPY NEW YEAR 2024

2023: Year in Review

The new year is a time to look forward, and a time to review and reflect.

It's also an opportunity to get caught up on any news you missed in 2023.

Here we look back at the stories that made the *Maritime Newsletter* over the last year. Simply click on the month to access that issue.



01

January

- Port of Oakland utility green power portfolio grows
- 2022 top imports and exports
- Port launches 2023 Summer College Internship Program
- December container volume continues overall decline

02

February

- Port of Oakland building for the next generation
- Port delegation in Sacramento for Ports Day 2023
- Port of Oakland's solar energy use grows



03

March

- Port of Oakland joins clean energy trade mission
- Port officials attend TPM23
- January/February container volume declined

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- 2023: YEAR IN REVIEW
- TOP ENVIRONMENTAL STORIES OF 2023
- TOP 10 IMPORTS/EXPORTS
- 2024 SUMMER COLLEGE INTERNSHIP PROGRAM
- DECEMBER CONTAINER STATS



PORT OF
OAKLAND
Seaport. Airport.
Everyone's Port.



2023: Year in Review continues

April

04

- Message from Maritime Director Bryan Brandes
- March container volume rises
- Q1 2023: top imports and exports
- Ocean Network Express (ONE) 5-year anniversary

May

05

- Port signs State of California MOU for first-ever ports data-sharing program
- Port, Japanese officials and CalSTA advance green seaport initiatives
- MARAD visits Port
- Port Commissioners approve plan for green upgrades at key port terminal
- April container volume climbs second month in a row

June

06

- Port turning basins proposed project reaches key milestone
- Port adds geothermal to clean energy portfolio
- Port of Oakland summer harbor tour season begins
- Port loaded container volume up third month in a row

July

07

- State awards Port \$119 million in sustainable transportation infrastructure grants
- Port's FY24 budget includes funds for zero emissions projects
- California says 'yes' to Port's Green Power Microgrid Projects
- June container volume dips



August

08

- Port, State break ground on goods movement projects
- Danny Wan goes to Washington, D.C.
- July container volume on the rise
- Pasha Hawaii celebrates the inaugural arrival of 'MV Janet Marie' at the Port



September

09

- Economic Report: Port of Oakland generates nearly 100,000 local jobs
- Port brings zero emissions vehicles to life
- August container volume dips

October

10

- Port reaches milestone for proposed Turning Basins Widening Project
- Port of Oakland joins environmental non-profit Green Marine
- September container volume holds steady
- Harbor Tours season concludes



November

11

- Oakland Harbor Turning Basins Widening Project update
- Port of Oakland wins prestigious, international industry award
- October container export volume rises

December

12

- Port appoints Colleen Liang as Environmental Director
- Port names real estate leader as Chief Real Estate Officer
- November container volume dips slightly

Port of Oakland top environmental initiatives of 2023

Green efforts advanced goal of achieving zero emissions at Seaport and Airport

The Port of Oakland values its role as a steward of the Oakland waterfront. Looking forward, the Port will continue to champion efforts to improve water and air quality and advance projects that transition its operations to a zero emissions port.

"The year 2023 launched more than a dozen comprehensive environmental initiatives and activities at the Port of Oakland," said Port of Oakland Director of Environmental Programs and Planning Colleen Liang. "We are not stopping there. In 2024, as examples, the Port is cutting emissions through hydrogen-fuel and battery-electric trucks and equipment, building a microgrid that will provide reliable electricity at the seaport, and collaborating with airlines on increasing sustainable aviation fuels use at the airport." The Port owns and operates Oakland International Airport.

The Port of Oakland is on the road to becoming a zero emissions operation at both the airport and seaport. Here are highlights from some of the progress made in 2023 toward that important goal:



In January 2023, the Port announced that it was **expanding solar power usage**. The Port agreed to buy 11,000 megawatt hours of electricity annually from a solar farm in Lancaster, California. Then in June, the Port of Oakland committed to adding **geothermal energy** (100% renewable) to its power portfolio. Geothermal energy is sourced from the Geysers Power Company, located 75 miles north of San Francisco. The Port committed to purchasing \$13.5 million worth of geothermal energy over 12 years.



In March 2023, Port officials joined other California business leaders and policymakers on a **trade mission to Japan** to exchange information, technology and best practices to advance zero emission ports in both countries. In a follow-up meeting in May, Port leaders joined California lawmakers in welcoming a **trade delegation from Japan** to discuss clean energy initiatives with Japanese Ministry officials. In October, the Port of Oakland and Port of Yokohama signed a **Green Shipping Corridor** Memorandum of Understanding to accelerate decarbonization of the supply chain between Oakland and Japanese ports.

Top environmental initiatives of 2023 continues

Port Commissioners **passed an environmental ordinance** in March that included the unprecedented requirement for marine terminal operators to draft a plan by December 31, 2023 to convert cargo handling equipment to zero emissions equipment. In May, Port Commissioners amended Port operator TraPac's lease to include **green upgrades to cargo handling equipment and terminal facilities**. The landmark agreement was the first of its kind and serves as a template for future lease agreements.



2023 saw the Port receiving financial assistance for its green efforts. In June, the California Transportation Commission Port awarded the Port a \$42 million grant for **green improvements to the Port's microgrid**. The project will dramatically increase the Port's ability to charge green equipment used throughout the Port's facilities. In July, the Port was awarded an **\$119 million grant from the state**, earmarked for infrastructure improvements including maritime facilities, upgrades to adjacent roadways and electrifying cargo handling equipment. These will improve operational efficiencies and reduce future air emissions.

Oakland International Airport (OAK) also pursued aggressive policies to move their operations toward zero emissions. In August, OAK joined the **Airport Carbon Accreditation Program**, committing to a review of their greenhouse gas emissions. In October, OAK was awarded a **Level II accreditation** from this organization for demonstrating the reduction of carbon emissions year-over-year and developing a carbon management plan.

October brought more opportunities on the **hydrogen** front. The federal government designated California as one of seven regions to receive \$7 billion of Bipartisan Infrastructure dollars. As one of the state's premiere ports, Oakland's hydrogen projects will be vying to receive a cash infusion.



In 2023, the Port joined the prestigious environmental non-profit **Green Marine**. The group fosters collaboration amongst its members as they green maritime operations. The international non-profit certified the Port of Oakland in October 2023, for its planning and projects that are aiding the Port's transition to zero emissions operations. The rigorous certification process includes a yearly self-assessment of the Port of Oakland's environmental performance in nine key areas.

"As we move forward through the coming years, a lot of work remains to be done," said Ms. Liang. "For us to succeed we will need public support for our funding requests from federal and state agencies to help finance the considerable investments required to protect our air, land and waterways."

Here is a link to a Port video that highlights the Port's overall work on environmental projects: <https://youtu.be/lwpK8q1QGmM>.

2023: TOP IMPORTS AND EXPORTS

Commodities shipped through the Seaport

As a final farewell to 2023, we take a look at the top 10 imports and exports that flowed through the Port of Oakland Seaport in the last year.



IMPORT COMMODITIES	TEUS QUANTITY	TOTAL CALCULATED VALUE (US\$)
1. FURNITURE; BEDDING, ETC.; LAMPS; PREFAB BOARD	102,086	2,078,075,294
2. ELECTRIC MACHINERY, ETC.; SOUND AND TV EQUIPMENT; PARTS	77,799	12,248,751,822
3. PLASTICS AND ARTICLES MADE FROM PLASTIC	62,047	3,375,580,195
4. BOILERS, MACHINERY, ETC.; PARTS	51,563	4,955,472,475
5. VEHICLES, EXCEPT RAILWAY OR TRAMWAY, AND PARTS, ETC.	49,179	3,392,548,310
6. BEVERAGES, SPIRITS AND VINEGAR	45,967	1,733,437,167
7. GLASS AND GLASSWARE	34,482	639,779,810
8. WOOD AND ARTICLES MADE FROM WOOD; WOOD CHARCOAL	28,388	573,789,636
9. TOYS, GAMES & SPORTS EQUIPMENT; PARTS & ACCESSORIES	26,416	799,135,955
10. PAPER, PAPERBOARD, ARTICLES MADE FROM PAPER	25,907	474,105,813
TOTAL	503,833	30,270,676,476



EXPORT COMMODITIES	TEUS QUANTITY	TOTAL CALCULATED VALUE (US\$)
1. WOOD PULP ETC; RECOVERED (WASTE & SCRAP) PAPER & PAPERBOARD	119,522	228,962,699
2. EDIBLE FRUIT AND NUTS; PEEL OF CITRUS FRUIT OR MELONS	114,990	5,083,568,182
3. MEAT AND ANIMAL PROTEIN/MEAT	74,963	5,162,116,089
4. IRON AND STEEL	40,811	307,928,8985
5. DAIRY PRODUCTS; BIRD EGGS; HONEY	22,483	842,998,580
6. BEVERAGES, SPIRITS AND VINEGAR	20,630	542,986,878
7. OIL SEEDS, ETC.; MISC. GRAIN, SEED, FRUIT, PLANT, ETC.	17,595	191,405,907
8. PREP VEGETABLES, FRUIT, NUTS, OR OTHER PLANT PARTS	13,634	261,499,050
9. ALUMINUM AND ARTICLES MADE FROM ALUMINUM	11,750	307,031,779
10. SUGARS AND SUGAR CONFECTIONARY	11,722	180,177,293
TOTAL:	448,099	13,108,675,354



Port of Oakland launches 2024 Summer College Internship Program

The Port of Oakland is recruiting highly-motivated full-time college students for its 2024 Summer College Internship Program. Through a competitive process, prospective applicants can apply for paid internships in 18 professional fields at the Port, including in Aviation, Communications, Engineering, Governmental Affairs, Human Resources, Information Technology, Legal, Maritime, Planning & Development, and Risk Management.

With more than 20 years of hosting interns, the Port of Oakland is proud to support local students throughout the eight-week paid internship program.

"This program offers college students an opportunity to develop an understanding of the Port of Oakland's mission and business objectives," said Port of Oakland Director of Social Responsibility Amy Tharpe. "The goal is to allow college students to gain insight into a wide range of public sector and professional fields, while also creating a fun and hands-on experience."

Applications are being accepted through 5:00 p.m. PST on Friday, February 23, 2024. The Port of Oakland 2024 Summer College Internship Program runs from Monday, June 10, 2024 through Friday, August 2, 2024.

The selected interns will gain a comprehensive understanding of the Port's three business lines – aviation, maritime and commercial real estate – with weekly brown bag workshops led by senior directors. Interns will also participate in an exclusive tour of Oakland International Airport (OAK) and the Oakland Seaport.

For more detailed information about the available summer internship program opportunities and qualifications, or to apply, please visit **2024 Summer Internship - Port of Oakland**.

INDUSTRY RESOURCE LINKS:

- ▲ [Oakland Portal](#)
- ▲ [Oakland Seaport Map](#)
- ▲ [Ocean Carrier Services](#)
- ▲ [Shipping Forms & Permits](#)
- ▲ [Shore Power & Vessel Commissioning](#)
- ▲ [Trucker Resources](#)
- ▲ [TWIC](#)
- ▲ [Maritime Services](#)

Port of Oakland year-end container volume ends strong

December full imports and exports have double-digit year-over-year gains

Port of Oakland full import and export container volumes rose in December 2023, showing signs that cargo volume at Oakland is returning.

Full imports rose 16.4%, moving 76,347 TEUs (twenty-foot containers) in December 2023, compared to 65,566 TEUs in December 2022. This is the highest monthly total since July 2023.

Full exports also climbed 12.9%, registering 65,801 TEUs in December 2023 in contrast to 58,302 TEUs in December 2022.

"2023 finished strong. Carrier on-time performance has improved importer confidence and provided valuable vessel space for our agriculture exporters to move their products from Oakland," said Port of Oakland Maritime Director Bryan Brandes. "We anticipate a continued rebound in 2024 as we move on with our plans in modernizing the port and reducing emissions from our maritime operations."

West coast ports are also seeing an increase in container activity due to shippers rerouting cargo originally destined to go through the Panama Canal. The drought in Panama is limiting vessel traffic to U.S. Gulf and East Coast ports through the canal.



Oakland ended 2023 with a total of 2,065,709 TEUs passing through the Port, down 11.6% from 2,337,607 TEUs in 2022. Full TEUs declined 10.1%, registering 1,574,444 TEUs in 2023, in contrast to 1,752,169 TEUs in 2022.

Empty imports dropped 9%, with 12,210 TEUs transiting Port facilities in December 2023, versus 13,419 TEUs in December 2022. Empty exports declined 15.9%, handling 21,655 TEUs in December 2022, compared to 25,741 TEUs in December 2022.



Maritime Moments

Intermodalism brought rapid evolution in the size and sophistication of containerships. Matson's *Hawaiian Refiner*, a converted freighter capable of stowing a few dozen containers on its deck, sails past Jack London Square in 1959. Matson, which introduced containerization to the Pacific Coast in 1958, helped pioneer the intermodal concept.



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