

ALL HANDS ON DECK:

A COLLABORATIVE APPROACH TO GATHERING AND ANALYZING MARITIME-INTERMODAL FREIGHT INFORMATION DURING THE COVID-19 CRISIS

**2020 Transportation Research Board
Mid-year Meeting
AT045 & AT020 committees**

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Key United States Agencies in Maritime Domain



ALL-HANDS ON DECK

- USDOT Emergency Response Team (ERT) COVID-19 Responses
- Direct and regular conference calls with Maritime Administrator with maritime and intermodal freight industry (began as weekly, bi-weekly, now every three weeks)
- Close coordination between 10 MARAD Gateway Offices, 10 USDOT Regional Emergency Transportation Reps (RETREPs), and 43 USCG Area Maritime Security Committees & many others.
- USCG Marine Transportation System Recovery Support Cell (began as daily, now weekly)

U.S. Department of Transportation
Maritime Administration
The Last Consolidated Daily Report by Gateway Offices
Friday, 5-01-2020 12:00 pm EDT

Primary reporting focus: Immediate, short-term and extended economic impacts of COVID-19 on transportation in each Gateway region. For situational awareness, potential cyber threats on ports/intermodal operations are also reported.

Note: New information is highlighted in yellow. Important and/or sustaining information, although has been reported previously, may be included in the current report without yellow highlights.

NATIONAL-LEVEL ITEMS OF INTEREST

“May Day walkout after lunch breaks potentially” - (May 1) May Day Walkouts from InstaCart, Amazon, Whole Foods, Target, Shipt, and possibly Walmart employees to demand better COVID19 protective gear for their workers. <https://www.usatoday.com/story/money/2020/04/29/amazon-instacart-workers-plan-may-day-protest-over-covid-conditions/3049180001/>; <https://losangeles.cbslocal.com/2020/04/30/coronavirus-essential-workers-may-day-protest/>

Nationwide

Impact on U.S. Ports

- LA-Long Beach (MARAD Mid-Pacific Gateway Office)
 - LA April volume down - Container traffic fell 6.45 percent over April last year, imports decreased by 2.6 percent, exports dropped by 16.2 percent, and empties declined by 14.4 percent. (Port of Los Angeles/AAPA Advisory)

- New York-New Jersey (MARAD North Atlantic Gateway Office)
 - Major container terminal shortens gate hours - As volume is decreasing this month from blanked liner sailings to call at the port complex, its Port Newark Container Terminal (PNCT) announced on Thursday that it will shorten its a.m. to 4 p.m., instead of 6 p.m.) beginning May 11th. (Jeffrey Flumignan, MARAD North Atlantic Gateway Director/PNCT/Port of New York-New Jersey).

- Savannah (MARAD South Atlantic Gateway Office)
 - April volume falls - Container traffic fell 6.7 percent over April last year, which was better than the 15-percent decline originally forecast by the port. The port only lost 20 containership calls in April but more than 60 calls have been

Port Complex	Apr 2020	Apr 2019	Change (%)	Port Response This Feb
LA Long Beach	17.0	30,715	-44.0%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
NY NJ	7.5	33.3%	-77.7%	Major container terminal shortens gate hours
San Diego	2.6	33.3%	-92.2%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
San Francisco	2.5	33.3%	-92.5%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
Seattle	2.4	30,851	-92.3%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
Los Angeles	2.1	33.3%	-93.7%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
San Jose	1.8	33.3%	-94.6%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
San Pedro	1.7	33.3%	-94.9%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
San Francisco Bay Area	1.6	33.3%	-95.2%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
San Francisco Bay Area	1.5	33.3%	-95.5%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
San Francisco Bay Area	1.4	33.3%	-95.8%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
San Francisco Bay Area	1.3	33.3%	-96.1%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
San Francisco Bay Area	1.2	33.3%	-96.4%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
San Francisco Bay Area	1.1	33.3%	-96.7%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
San Francisco Bay Area	1.0	33.3%	-97.0%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
San Francisco Bay Area	0.9	33.3%	-97.3%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
San Francisco Bay Area	0.8	33.3%	-97.6%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
San Francisco Bay Area	0.7	33.3%	-97.9%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
San Francisco Bay Area	0.6	33.3%	-98.2%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
San Francisco Bay Area	0.5	33.3%	-98.5%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
San Francisco Bay Area	0.4	33.3%	-98.8%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
San Francisco Bay Area	0.3	33.3%	-99.1%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
San Francisco Bay Area	0.2	33.3%	-99.4%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
San Francisco Bay Area	0.1	33.3%	-99.7%	Imports down 2.6%, exports down 16.2%, empties down 14.4%
San Francisco Bay Area	0.0	33.3%	-100.0%	Imports down 2.6%, exports down 16.2%, empties down 14.4%



Unclassified//For Official Use Only

U.S. Department of Transportation Situational Awareness Report for COVID-19

Current as of May 3, 2020, 8:00 AM EDT

Situation

- March 20, 2020 - President announced the activation of the Defense Production Act.
- March 13, 2020 - President issued an Emergency Declaration under the Stafford Act.
- March 11, 2020 - The World Health Organization (WHO) has declared the outbreak of Novel Coronavirus (COVID-19) a Public Health Emergency of International Concern (PHEIC).

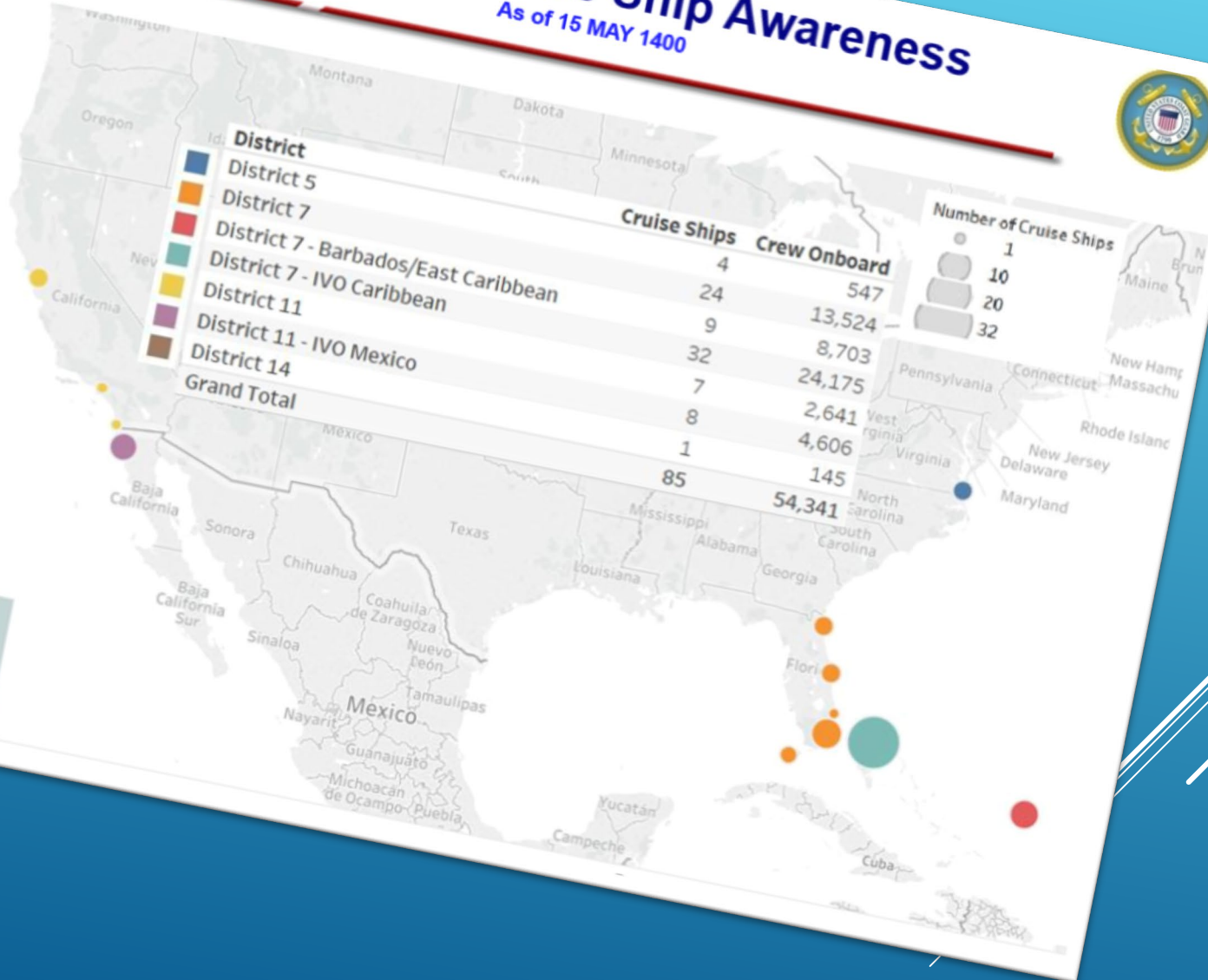
Category	May 3, 2020 at 3:00 AM EDT	
	International + U.S.	U.S. Only
Confirmed Cases	3,429,795 (+83,498)	1,133,069 (+28,908)
Total Deaths	243,858 (+5,032)	66,385 (+1,317)
Recovered Cases	1,096,057 (+39,731)	175,382 (+11,367)

- Public Health and/or States of Emergency: All 50 states and four territories as well as four Native-



MTSR-SC Cruise Ship Awareness

As of 15 MAY 1400



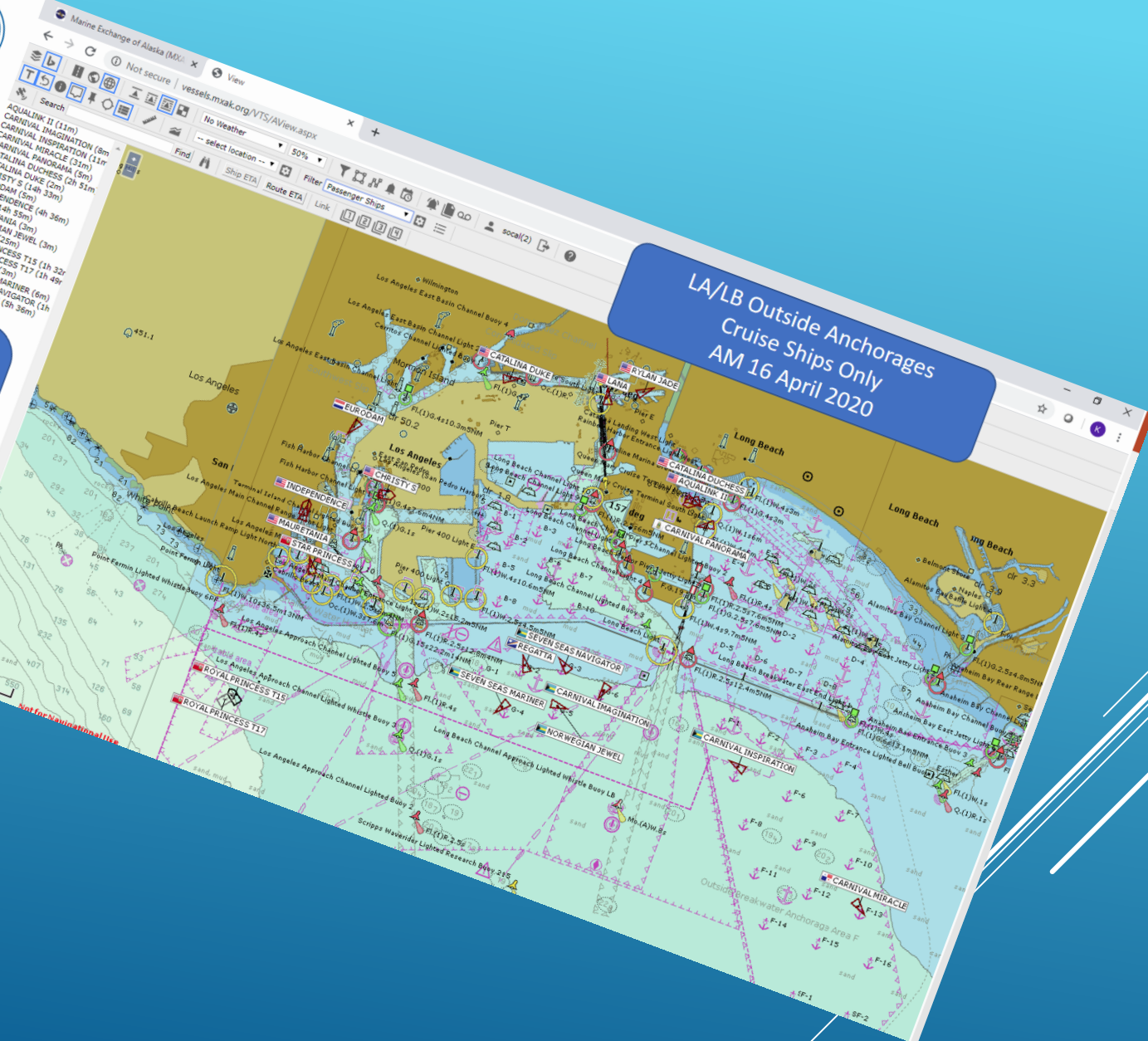


MTSR-SC Cruise Ship Awareness

As of 15 May 2020



Status	Fifth	Seventh	Eleventh	Fourteenth	Total
Vessels Anchored	0	10			13
Vessels Moored	4	11	3		22
Vessels Underway	0	44	6	0	50
Total Vessels	4	65	15	1	85
Crew at Anchor	0	4,917	1,398	0	6,315
Crew Moored	547	8,731	2,012	145	11,435
Crew Underway	0	32,754	3,837	0	36,591
Total Crew Onboard Vessels	547	46,402	7,247	145	54,341
AMCIT Onboard*	3	237	14	108	362
Vessels w/ AMCIT*	2	43	5	1	51
Vessels with ARI, ILI and pneumonia cases*	0	6	3	0	9
Personnel with ARI, ILI and pneumonia cases*	0	12	4	0	16



7 Cruise Ships Anchored

2 Loitering of Point Fermin for Logistics

LA/LB Outside Anchorages
Cruise Ships Only
AM 16 April 2020

MX SoCal Cruise Ships & Tankers AM 16 April per MX Alaska's PACTRACS 2.0 system



11U 4/23/2020 10:00 AM

Fredericks, Eric B@DOT <eric.fredericks@dot.ca.gov> on behalf of CSFAP@DOT <CSFAP@dot.ca.gov>
to COVID-19 Related Impacts to Freight/Ports/Border Report for 4/23

If there are problems with how this message is displayed, click here to view it in a web browser.

Critical Reports

Port of West Sacramento:

The Port's biggest commodity is bulk shipments of cement. Cement is hazardous and requires N95 dust masks for those involved in the discharge operation. Their inventory of the N95 masks is dwindling and they are not able to work the vessels and an important link in the construction supply chain could breakdown. They are looking for suggestions on who they could approach to source N95 masks or how they could get permission for our vendors to sell masks to them.

Partner Updates



FEDERAL REGISTER
The Daily Journal of the United States Government



US Customs and Border Protection (CBP) Notices - (April 22) Traveling through the land ports of entry and ferry terminals along the [United States-Mexico border shall continue to be limited to "essential travel" through 20 May](#).

Port of Oakland:

Maritime: Five ships at berth this morning, none at anchor, seven due within 24 hours
Maritime: Eleven percent of scheduled voyages to Oakland in May and June are canceled. The result of cancellations could be a 5-to-15 percent cargo volume decline.
Aviation: Press Release below regarding compliance with Alameda County Public Health Order re facial coverings:

April 23, 2020 - Airport complies with face covering requirement
Oakland International Airport (OAK) has implemented new measures in compliance with Alameda County Health Order [No. 20-08](#), generally requiring the use of face coverings when engaged in essential business, all Airport employees and customers over 12 years old are required to wear a face covering. OAK is incorporating visual signage and audio messaging throughout its terminal and continues its vigilance in minimizing the spread of COVID-19. Coverings can be a manufactured or homemade mask such as a bandana, scarf, towel, or other piece of cloth or fabric which completely covers the nose and mouth and fit securely. There are currently 13 container vessels and 2 dry bulk vessels in port and being worked by labor. The USNS Mercy is in port as well as 2 RoRo vessels. Below is the April 18th update regarding the Artemis Leader (GAC/CERES).
The Order is in effect as of April 18 at 11:59 pm and she allows for gatherings of up to 5 people, more than 10 employees.

Port of Los Angeles:

All terminals are open and operating. There are currently 6 container vessels, 2 bulk vessels, 2 tanker vessels, and 2 RoRo vessels. The Order is in effect as of April 18 at 11:59 pm and she allows for gatherings of up to 5 people, more than 10 employees.

Port of Long Beach:

Longshore workers at the Port of Long Beach are working 6 container vessels, 2 bulk vessels, 2 tanker vessels, and 2 RoRo vessels. The Order is in effect as of April 18 at 11:59 pm and she allows for gatherings of up to 5 people, more than 10 employees.

Port of Hueneme:

There are currently 3 vessels in port, the Sealand Guayaquil (MSK/PT AMER), the Chiquita Progress (WSS/PT AMER), and the Artemis Leader (GAC/CERES). Below is the April 18th update regarding the Artemis Leader (GAC/CERES). The Order is in effect as of April 18 at 11:59 pm and she allows for gatherings of up to 5 people, more than 10 employees.



Mon 6/1/2020 1:47 PM

Manganaro, John G CIV <John.G.Manganaro@uscg.mil>
USCG Sector Honolulu - Hawaii/Amsam MTSRU Communique #19

Manganaro, John G CIV
You replied to this message on 6/1/2020 2:32 PM.

MSB 02-20_Change 5...
206 KB

2020.05.28-Young-Brot...
566 KB

Aloha & Talofa MTSRU Members,
Thank you for your on-going communications and feedback.

NOTE: I will continue to assess whether to go to 1/wk communique.

ASSUMPTIONS (NEW text in BLUE):

- 1) American Samoa: May 14: No confirmed cases of COVID-19 -- reported by LBJ Hospital (Source: Amsam EOC Brief). (May 28) The Governor of American Samoa requested an extension of the suspension of flights between Honolulu and Pago Pago until 30 June. American Samoa is at local "Code Blue" and the Quarantine rules can be found on <https://www.americansamoa.gov/covid-19-activities>. exceptions to these entry restrictions include fishing, cargo and tank vessels. (May 11: The Amendmer Samoa DOH has been signed and the amendments are included in the American Samoa Governor's COVID Declaration. This policy applies to all commercial vessels (fishing, cargo, gas, fuel tanker) entering Pago Pago and describes clearance document submit Officers and Agriculture boarding teams. The American Samoa Governor issued Amendment #4 to the COVID Declaration which includes an advisory for all stevedoring, loading and unloading personnel to receive a medical screening at the wharf prior to board throughout the unloading operation. May 18: Border closure has been extended to end of June as per local news and commercial store hrs are adjusted from 8am to 8pm along with public transport. (Source: USCG on American Samoa).
- 2) Supply Chain: There are no port restrictions to Hawaii or American Samoa at this time; all ports are open; there are no reported impacts to health of essential workforce. In Hawaii, cargo and petroleum continues to move to neighbor islands. (May 28) The Brothers has experienced a 30% drop in cargo since the pandemic began; the shipper supplies food and livestock to all inter-islands and is the only ocean cargo carrier serving Molokai and Lanai (FEMA Region IX Update, May 28, 2020). (28 May) Starting J all livestock shipping devices of which acceptance was previously limited due to COVID-19 (see attached) (Source: www.htbyb.com). There are no reported disruptions at West Coast ports. (May 27) West Coast trends -- Last week, the combined capacity of Coast totaled over 706,000 TEUs, which was over 67,000 TEUs more than the 629,000 TEUs observed over the previous week (and has reversed a five-week decline) (Source: MARAD Weekly Report -- 27 May).
 - a. Port of Long Beach / Los Angeles, CA: (June 1) No current impacts to the Marine Transportation System due to COVID-19 and very few secondary & tertiary impacts (Source: USCG LA/LB).
 - b. San Francisco, CA: (June 1) All commercial dock facilities in Sector San Francisco's AOK are fully operational.
- 3) Cruise Ships: States and territories have generally stopped cruise ship port calls, except for brief stops for logistics and then, on a case by case basis. Per MARAD's 4-29-2020 Weekly Report -- the U.S. Centers for Disease Control and Prevention has again e with the Department of Health. The vessel will remain docked at Pier 11 at Honolulu Harbor until it departs.
 - a. PRIDE OF AMERICA: (May 28) reduced the number of crew on the ship to 140 people, no crew is in isolation. The remaining crew will sail with the ship when it departs for Oregon to enter dry dock. The scheduled departure date is anticipated for July 18th.
- 4) Maritime and other Business Operations: There are significant impacts to maritime businesses and fishing vessels in Hawaii and American Samoa. (May 28) During a Community Connection Facebook event, Hawaii Gov. Ige mentioned that the 14-day quarantine order for international travelers past June 30, but would make an official announcement at a later date. Gov. Ige also mentioned that he and all four mayors have been working for the last three weeks to coordinate reopening intersland travel and said they would r (Source: Hawaii COVID19-19 Daily Brief). (May 20) A new mandatory travel declaration is now in use at Hawaii's airports to collect passenger information which helps authorities monitor people subject to the mandatory 14-day self-quarantine order (So The Hawaii governor approved "personal service providers" on Oahu to reopen 29 MAY. This included dine-in service at restaurants, and "non-essential" businesses which are free to bring workers back to the office starting 05 JUN. Hawaii and Kauai Count (Source: Hawaii News Now).

CONNECTING THE DOTS:

Besides medical professionals, who is keeping our economy running during the COVID-19 crisis?

Most people see -

- *Truck drivers*
- *Warehouse workers*
- *Grocery store clerks*
- *Take-out restaurants and home deliveries*
- *Etc.*

Most people don't see but equally important –

- *Dock workers*
- *Train engineers*
- *Mariners (sailors)*
- *Engineers, planners, finance, etc. in energy, IT, food, etc.*
- *Logisticians*
- *Port authorities, government entities, and law enforcement*



CISA
CYBER+INFRASTRUCTURE

DEFEND TODAY, SECURE TOMORROW



Guidance on the Essential Critical Infrastructure Workforce: Ensuring Community and National Resilience in COVID-19 Response

Version 3.0 (April 17, 2020)

THE IMPORTANCE OF ESSENTIAL CRITICAL INFRASTRUCTURE WORKERS

Functioning critical infrastructure is imperative during the response to the COVID-19 emergency for both public health and safety as well as community well-being. Certain critical infrastructure industries have a special responsibility in these times to continue operations.

This advisory guidance and accompanying list are intended to support state, local, tribal, territorial and industry partners in identifying the critical infrastructure sectors and the essential workers needed to maintain the services and functions Americans depend on daily and that need to be able to operate resiliently during the COVID-19 pandemic response.

This document gives advisory guidance on defining essential critical infrastructure workers. Promoting the ability of such workers to continue to work during periods of community restriction, access management, social distancing, or closure orders/directives is crucial to community resilience and continuity of essential functions. The term "workers" as used in this guidance is intended to apply to both employees and contractors performing the described functions.

CISA will continually solicit and accept feedback on the list and will evolve the list in response to stakeholder feedback. We will also use our various stakeholder engagement mechanisms to work with partners on how they are using this list and share those lessons learned and best practices broadly. Feedback can be sent to CISA.CAT@CISA.DHS.GOV.

Essential Critical Infrastructure Workers



COMMON CONCERNS AMONG ALL “ESSENTIAL WORKERS”

- **Personal Protective Equipment (PPEs)**
 - *Where to buy them?*
 - *Who will pay for?*
 - *Who gets first?*
- **Workplace safety**
 - *How to abide by the social distancing guideline while conducting business safely?*
 - *If workforce is tested positive, how to protect others from being infected?*
- **Transfer of goods**
 - *Physical transaction of goods*
 - *Transfer of liability from factories, to deliver, to store or home delivery*

LESSONS LEARNED SO FAR...

Grand Princess



Image source: The Los Angeles Times



March 9, 2020 – Grand Princess arriving San Francisco Bay for the Port of Oakland

MAR 6-8, 2020 – **State and Federal governments** agreed to allow Grand Princess arriving at the Port of Oakland on March 9.

MAR 8, The CA Governor's Office released the detail plan:

- “Passengers who require acute medical treatment and hospitalization will be transported to healthcare facilities in California.
- If passengers do not require acute medical care following health screenings, those who are California residents will go to Travis Air Force Base for testing and isolation. Non-Californians will be transported by the federal government to facilities in other states.”

MAR 9-16: Disembark

MAR 16: Grand Princess undocked Port of Oakland then anchored in San Francisco Bay

April 8: Departed San Francisco

May 4: Current position: anchored at sea near Mexico



Grand Princess Arriving San Francisco Bay for the Port of Oakland – March 9, 2020



Grand Princess docked in Port of Oakland - March 9-15, 2020



Grand Princess

CAPE MOHICAN
(U.S. MARAD vessel)



Image source: USA Today

Grand Princess passengers leaving coronavirus quarantine at Travis Air Force Base (CA) - March 23, 2020



Image source: San Francisco Chronicle

COVID-19 Pandemic on USS Theodore Roosevelt & Other Warships



Image source: The EdgeMakets.com

A screenshot of a CNN news article. The headline reads: "Number of coronavirus cases from second warship outbreak nears 100 as Navy restricts information on pandemic". The article is by Ryan Browne, CNN, and was updated on May 1, 2020. The main image shows a US Navy destroyer at sea. To the right of the main image is a sidebar with "MORE FROM CNN" and an advertisement for "INSURANC" (Insurance) with a "GET A QUOTE" button. Below the main image, a caption states: "(CNN) — Nearly 100 sailors from the US Navy destroyer USS Kidd have tested positive for coronavirus, two US defense officials told CNN Friday."

Source: CNN May 1, 2020

NAVY HOSPITAL SHIPS: USNS MERCY & COMFORT

USNS MERCY arrived in the Port of Los Angeles on March 27.



© John Robinson Photo 2020

Image source: lbport.com

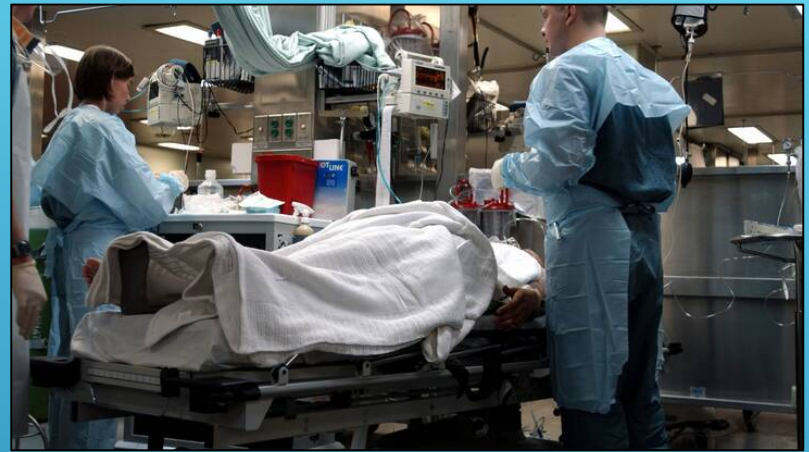
USNS COMFORT arrived in the NYC on March 29 and departed on May 1.



© Erik Pendrich Rex

Image source: dailymail.co.uk

NAVY HOSPITAL SHIPS: USNS MERCY & COMFORT



"It takes a boatload of people to run the hospital ships."

THE MARITIME/INTERMODAL FREIGHT (NEAR-PORT) DOMAIN HAS BEEN ABLE TO RESPOND TO THE COVID-19 CRISIS THROUGH ESTABLISHED ROBUST INTERACTIONS.

THERE IS NO SUBSTITUTE TO HUMAN INTERACTIONS AND RELATIONSHIPS DURING EMERGENCY RESPONSES.

MARITIME AND INTERMODAL FREIGHT ISSUES HAVE BEEN, ARE, AND WILL ALWAYS BE SEGMENTED.

THE MORE WE UNDERSTAND THESE INTERCONNECTED BROADLY, THE BETTER WE COULD DISCUSS AND FORMULATE APPROPRIATE SOLUTIONS.