



AMP Operator Summary Report
2020: January to December
Vessel Type: Containership

03/01/21
09:43 AM

Operator	AMPed Calls	AMPed Equiv Calls	Calls	AMPed Pct
APL Ltd	56	18	85	87%
CMA CGM (America) LLC	43	42	109	78%
COSCON	26	2	30	93%
Evergreen Marine Corp	126	0	147	86%
Hapag- Lloyd AG	30	7	42	88%
Hyundai Merchant Marine Co Ltd	53	1	64	84%
Maersk Line	46	4	106	47%
MSC Mediterranean Shipping Co	41	0	42	98%
Ocean Network Express	155	13	216	78%
Pacific International Lines	1	0	1	100%
Wan Hai Lines Ltd	0	1	2	50%
Yang Ming Marine Transport	52	5	64	89%
Zim Integrated Shipping	0	10	24	42%
	629	103	932	79%

AMP Operator Summary Report for vessel connections for Port of Los Angeles only

California Air Resources Board (CARB) At- Berth Regulation Requirements:

- Emission/ power reduction percentages increase over time:
 - 2012 - 25%
 - 2014 - 50%
 - 2017 - 70%
 - 2018 - 80%
- Two pathways to reduce emissions
 - Reduced onboard power generation option
 - Equivalent emission reduction options
- CARB considers Port of Los Angeles and Port of Long Beach one port under this regulation

Governor Newsom State of Emergency August & September 2020 - Heat Events. Vessels arriving between 8/17/20 to 8/20/20 until 8/24/20, and between 9/4/20 to 9/8/20 until 9/11/20 were ordered to reduce electrical power demand due to extreme stress on California's electrical grid. Vessel calls during these times were given exemptions by the emergency order to CARB At- Berth regulation pursuant to an "emergency event". A total of 24 container ships called during the emergency events (August = 11 calls; September = 13 calls). Overall AMP percentage from January to December 2020 would be 80% if the 24 ship calls were excluded.

For more information see CARB website: <http://www.arb.ca.gov/ports/shorepower/shorepower.htm>