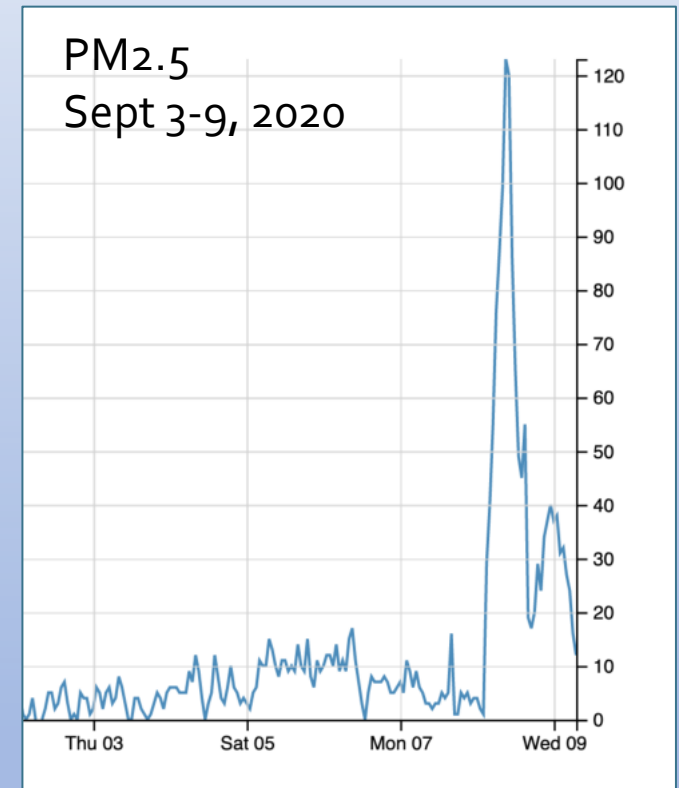




JBNA ZOOM discussion

Wednesday, September 9th, 2020

- ✧ Welcome & Program
- ✧ Correspondence & Announcements
- ✧ Global Cruise Activist Network
- ✧ Community Voices
 - ✧ Parks and associated impacts
 - ✧ Zero Waste Initiative





GLOBAL CRUISE / ACTIVIST NETWORK

<https://globalcruiseactivistnetwork.com/>

Saudi Arabia has bought 8% stake in world's biggest cruise operator Carnival for bargain basement price

Stock down 81% this year



Carnival surged as much as 18 per cent to US\$10.04 Monday in New York after Saudi Arabia's Public Investment Fund said in a filing that it holds 43.5 million shares of the cruise company. Reuters/Jorge Delgado/File Photo

BLOOMBERG NEWS
JONATHAN LEVIN

April 6, 2020
2:41 PM EDT

Filed under
Investing

Carnival Corp. shares jumped after Saudi Arabia's Public Investment Fund said it acquired an 8.2 per cent stake in the world's biggest cruise operator.

Carnival surged as much as 18 per cent to \$10.04 Monday in New York after the fund said in a filing that it holds 43.5 million shares of the cruise company.

Trump's economic recovery committee



Cruise Law News

2 hrs · 🌐

Why is the U.S. not exclusively assisting people and small businesses but bailing out a foreign-flagged, foreign incorporated cruise line like Carnival Corporation which avoids all U.S. taxes & U.S. wage and labor laws & U.S. occupational health & safety laws?

Yesterday morning, Jim Cramer provided his thoughts on CNBC: "Carnival got a terrific bail-out by the Federal Reserve . . . a disgrace . . . Carnival was a principal purveyor of COVID-19 that killed alot of people . . . are we limited to (giving bail-outs) to companies owned by Micky Arison?"

according to Sundial Capital Research.

Carnival Corp. board member Randall Weisenburger bought US\$10 million of stock in the beleaguered cruise-line operator last week. The shares have jumped 56 per cent since the purchase.

Others are going further to maximize returns.

Group AG is seeing

healthy clients ramp

ing to place more

they see as

Cruise Ships & Covid-19

"Cruise ship travel exacerbates the global spread of Covid-19 and ... cruise ship travel markedly increases the risk and impact of the Covid-19 disease outbreak within the United States."

—**Robert R. Redfield**

Director, United States Centers for Disease Control

"People on a large ship, all together, at the same time, all the time — you couldn't ask for a better incubator for infection."

— **Dr. Anthony S. Fauci**

Director, National Institute of Allergy and Infectious Diseases

Investigative reports in the *Wall Street Journal*, *Washington Post*, and *Miami Herald*, have found that Cruise ships played a major role in the spread of the Covid-19 pandemic.

Carnival Cruise Lines is under investigation for homicide in Australia for failure to follow long-established public-health protocols and sparking an epidemic that forced closures of two local hospitals.

Carnival Cruise Lines is under investigation by the United States House Committee on Transportation and Infrastructure for its failure to manage, contain, and respond to Covid-19.

COVID-19

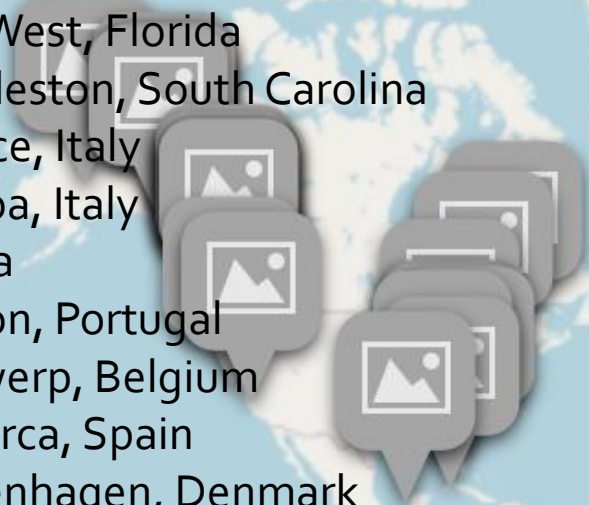
Opportunity –
to hit the
reset button



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Falmouth, U.K.
Southampton, U.K.
Vancouver, B.C.
Juneau, Alaska
Anchorage, Alaska
London, U.K.
Skagway, Alaska
Hoonah, Alaska
Gold Coast, Australia
Sydney, Australia
The Bahamas
Cayman Islands
Belize
Fort Lauderdale, Florida
Miami, Florida
New York, New York
Bar Harbor, Maine

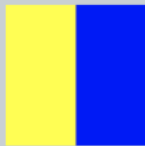
Kiel, Germany
Barcelona, Spain
Key West, Florida
Charleston, South Carolina
Venice, Italy
Genoa, Italy
Malta
Lisbon, Portugal
Antwerp, Belgium
Majorca, Spain
Copenhagen, Denmark
Monterey Bay, California
Victoria, B.C.
Bergen, Norway
Olden, Norway
Los Angeles, California
Seattle, Washington





GLOBAL CRUISE/ACTIVIST NETWORK

K
Kilo



"I wish to communicate with you."

L
Lima



"You should stop your vessel instantly."



GLOBAL CRUISE / ACTIVIST NETWORK

1. Self-determination of communities
 2. Economic impacts
 3. Cultural impacts
 4. Labor
 5. Climate Change
 6. Air Pollution
 7. Water Pollution
 8. Monitoring & Transparency
 9. Environment & Biodiversity
 10. Public Health
 11. Crime Victims
 12. Worker Repatriation
-

Principles
of
Responsible
Cruise
Tourism



#3 Cultural & Quality of Life Impacts:
Adopt a policy of “do no harm” to retain and enhance cruise port communities’ cultural identity, distinctive character, and quality of life.

(3.2) Demonstrate respect for the lives and livelihoods of the people most directly affected by cruise ship pollution and over-tourism, even if it requires fewer and smaller ships with fewer passengers.

(3.54) In ports of call, stagger arrival and departure times with other cruise ships to prevent land transportation surges and limit traffic so as to not overwhelm the local community with noise and congestion impacts.

#6 Air Pollution: Stop polluting the air.

(6.1) Publicly commit to 100% shore power by 2025. (6.2) Lead in the development of a universal shore power system. (6.3) Retrofit ships for shore power, and immediately require all ships to use shore power where it is available. (6.4) Pay 100% of the costs of shore power infrastructure in all ports of call by 2025. Do not ask, solicit or lobby for taxpayer subsidies.

#8 Monitoring & Transparency: Publicly disclose your performance

(8.1) Install additional continuous monitoring equipment for monitoring air emissions, including but not limited to NO_x , SO_x , particulate matter (nano, ultrafine, fine, and coarse), and CO_2 . (8.2) Publicly report the data from all air emission and effluent discharge monitoring equipment, including the location and volume of discharges and all other data, in real time to a publicly available website.



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**#9 Environment
& Biodiversity:
Respect the
integrity of
vulnerable
ecosystems and
protected areas.**

(9.3) Garbage and recycling should be processed in the port of origin. Disposal of waste products, including garbage, recyclables, and industrial waste should be processed in the home port, and not dumped in ports of call.

#10 Public Health: Protect public health

(10.5) When an outbreak occurs, cease all travel immediately and inform local officials of the outbreak.

(10.6) Never, under any circumstances, contribute to the spread of an epidemic. Avoid the transmission of diseases to host communities.

(10.8) Provide a transparent public real-time reporting of infectious diseases identified among crew or passengers so residents of port communities know what is coming their way.



GLOBAL CRUISE / ACTIVIST NETWORK

Communities against cruise pollution

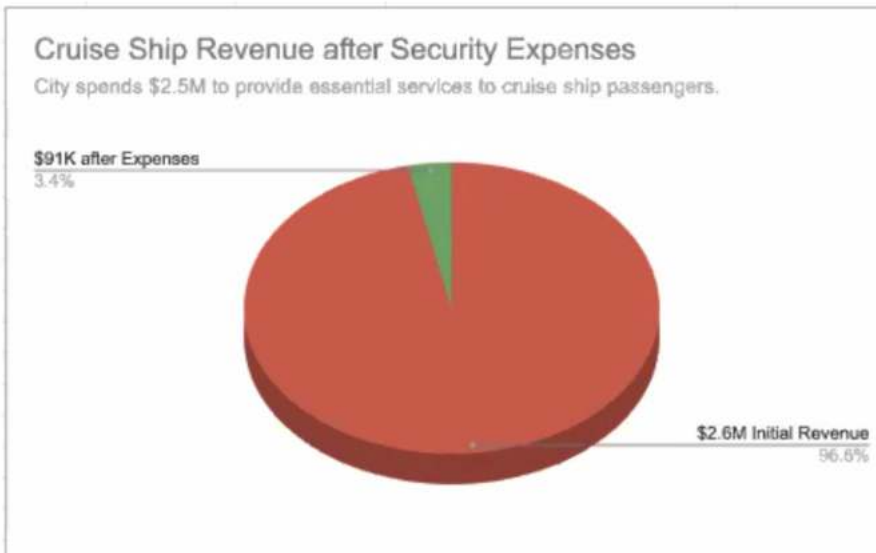
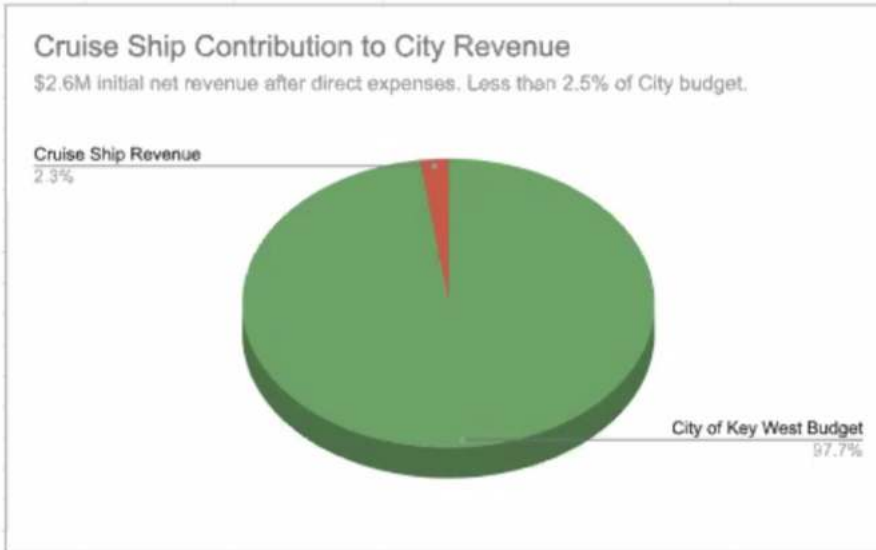
- differing impacts
 - differing port governance
 - differing state/prov/nat governance
 - networking, informing
 - sharing experiences
 - differing asks:
 - abolish
 - limit
 - controls
-

Barcelona



Unsurprisingly, the law has been met by opposition from many, who say the approach is all wrong for a city where tourism accounts for some 12 percent of its GDP. “Of the 32 million people who **visited Barcelona** last year, only eight million stayed in hotels,” said Manel Casals, director general of the Barcelona Hotel Association. “Twenty-three million were **day-trippers** who spend very little money in the city. You’re not going to regulate tourism by limiting the number of beds. They’re not regulating tourism, they’re only regulating where people sleep.”

Cruiseport revenues do not serve the citizens.



Goal 1-1 of City Comprehensive Plan: "Minimize threats to health, safety, and welfare which may be caused by incompatible land uses, environmental degradation, hazards and nuisances."



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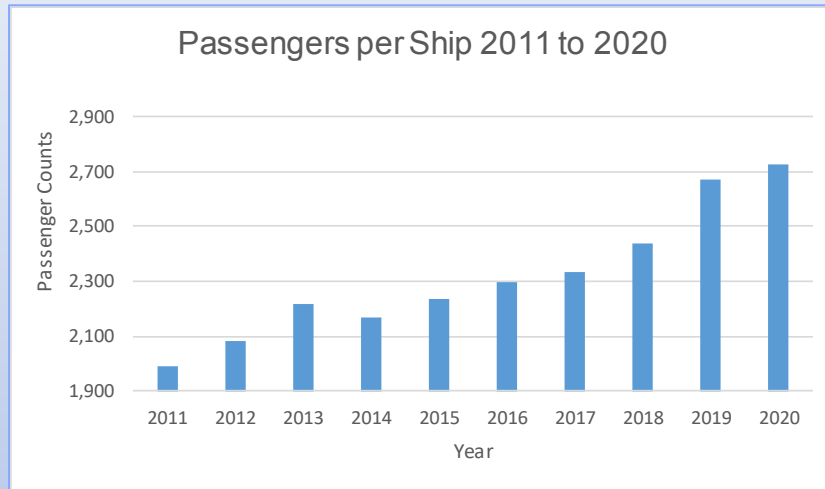
Cruise ships are already too large for the shallow Florida Keys National Marine Sanctuary. Yet some want even larger ships.



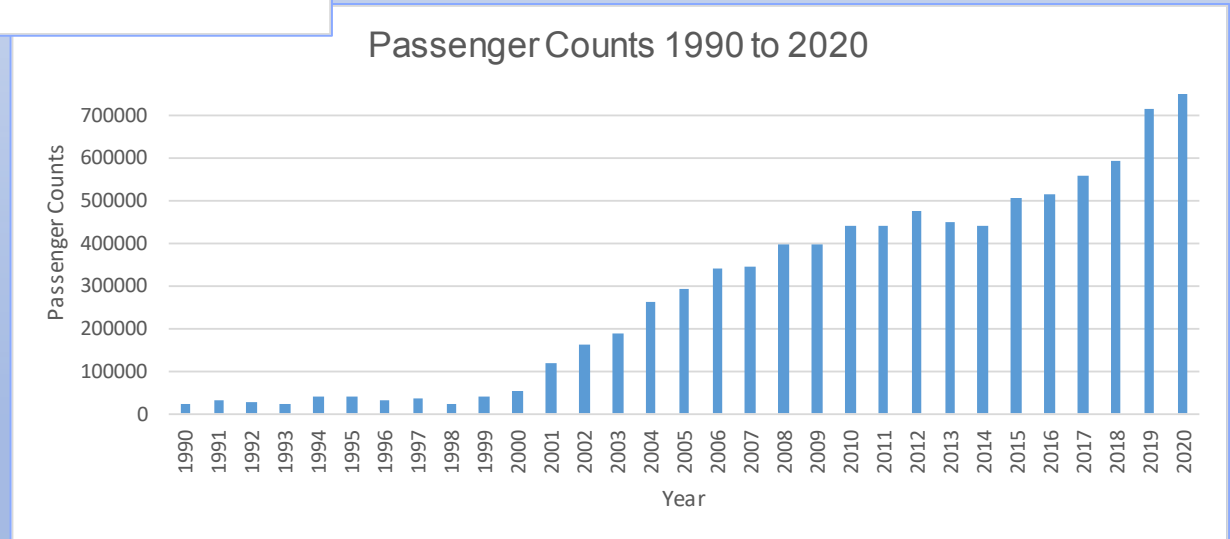
your priorities ?

growth 1990-2020

larger ships, more ships, and more people

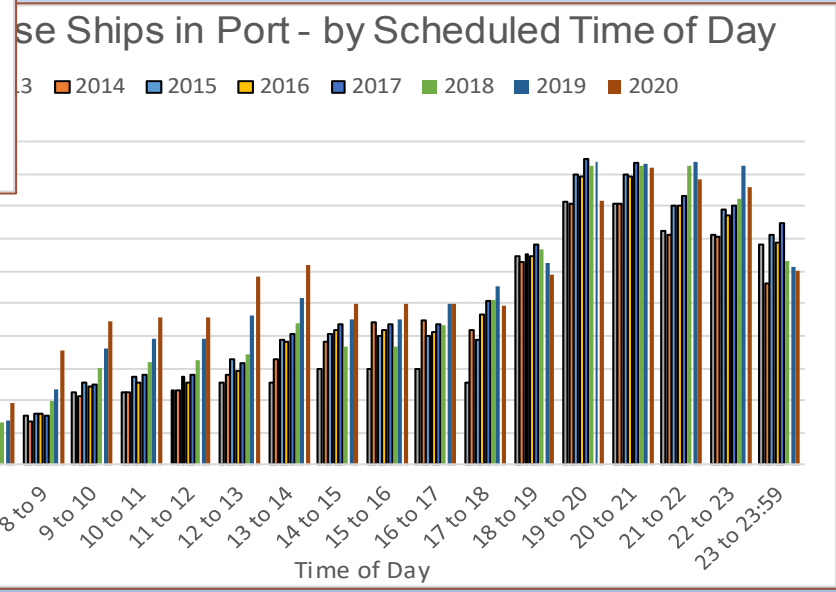
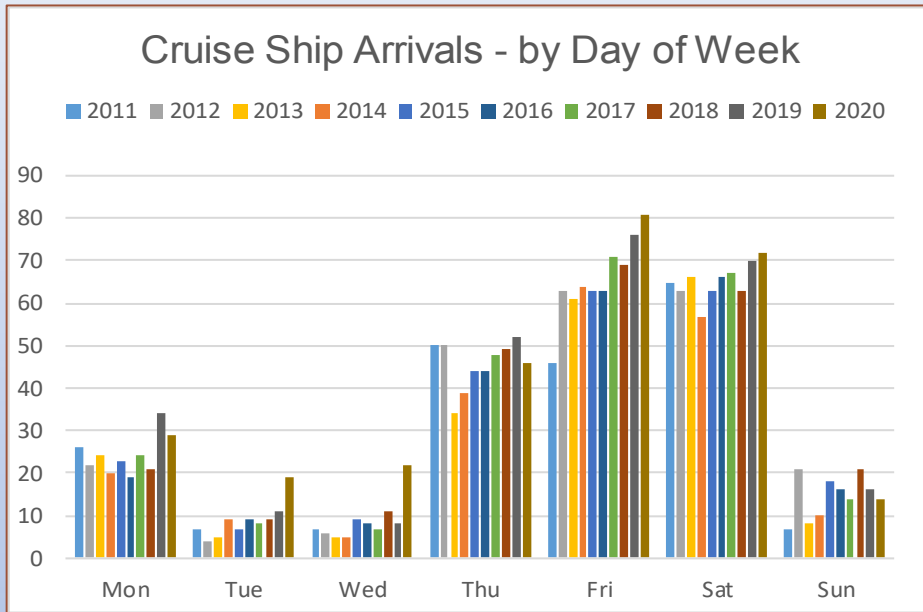


Seattle –
new dock??



growth 1990-2012

more ships and more days in port



cold ironing – shore power necessary conditions to make it real

Shore power

Since 2009, shore power installations for cruise ships at the Port of Vancouver have eliminated 582 tonnes of air pollutants and 20,757 tonnes of greenhouse gases. Shore power, cold ironing or alternative marine power, is a clean technology that enables ships fitted with the necessary technical apparatus to shut down auxiliary engines and connect to hydroelectric power while at berth, thereby virtually eliminating related air emissions and engine noise.

Port of Vancouver annual cruise ship shore power results

Results	2018	2017	2016	2015	2014	2013	2012	2011	2010
Successful connections	63	54	54	77	76	82	60	35	44
Shore-power-capable ships	91	68	70	92	98	106	74	58	58
Fuel savings (tonnes)	792	671	689	885	841	978	725	424	476
Net greenhouse gas emission reductions (tCO ₂ e)	2516	2,126	2,185	2,811	2,656	3,092	2,266	1,318	1,521
Criteria air contaminants reduced (tonnes)	59	50	51	66	78	91	80	47	54

Vancouver:

2018 - 243 visits
91 capable (37%)

62 connected

70% capable connected

26% visits connected

2015

84% capable connected

2013

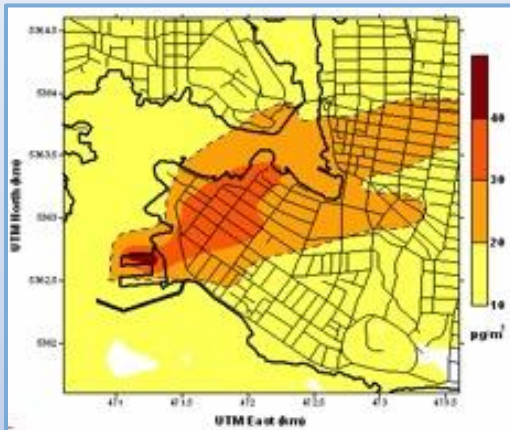
77% capable connected

Conditions:

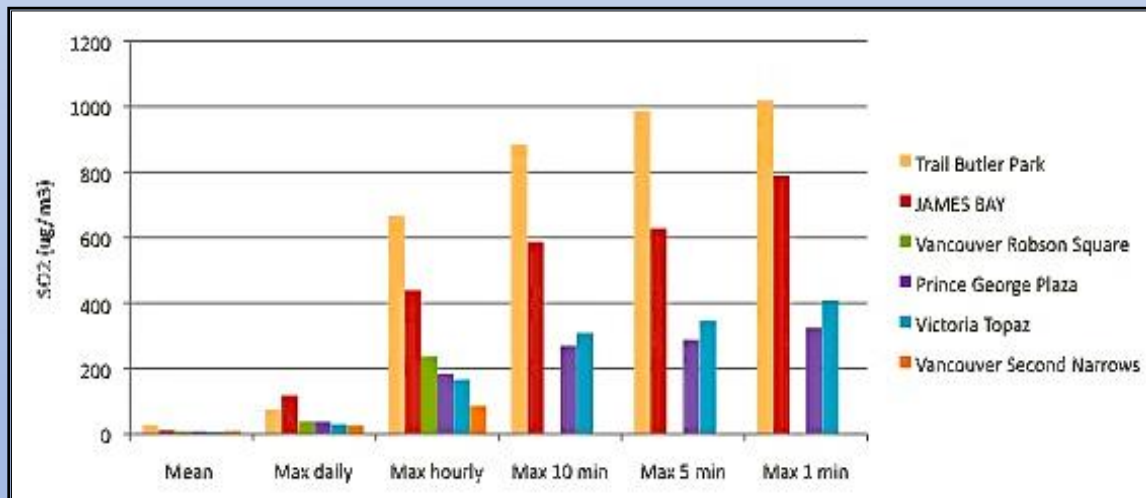
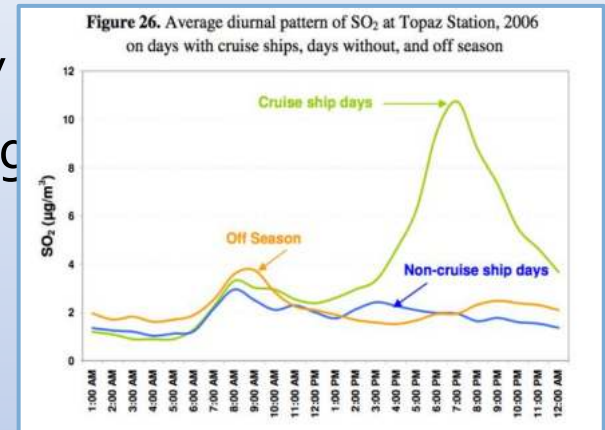
- 6-10 hour or longer stays
- max 2 ships to facilitate hook-up
- stagger arrivals/departures to facilitate hook-ups

- industry pay/install
- industry use
- BC Hydro grid
- earlier studies say 'no' - changes

James Bay Air Quality Study (JBAQS) and MAML: *dispersion studies and real measures*



- 2006 JB Air Quality Study
- 2007 Ph 1 Field Monitoring
- 2008 December
- Dispersion maps



*MAML (2009)
"between the
smelter and
pulp mill"*

SO₂ results (June-August, 2009) MAML, BC MoE

"the clouds of black smoke billowing over the legislature buildings": NO_x & PM_x



Novacastrian, 33S/152E now 48N/123W of Big Pond (· Jul 24

But then we look at this scene, captured from Mt Tolmie #yyj and wonder what is the cost of all these cruise ships ...some 250 + visiting this year? Why is there no dock power at Ogden Pt? #yyj @Transport_gc July 19 at 1840



Cruise-ships overpower skyline & community 18 deck (storey) floating resorts

Combustion of diesel fuels creates GHG and other compounds:
NO_x, CO_x, SO_x & PM_x (and VOCs)



Novacastrian, 33S/152E now 48N/123W of Big Pond (· Jul 25

A bit of a wake up call @timescolonist @jackknox @CHEK_News @lisahelps The \$\$\$'s and the jobs are nice, but at what cost to us? This was this afternoon at 6:16PM : just look at the pollutants falling over Victoria ... it is not just a James Bay issue #yyj @Transport_gc



Alaskan Port Violations ships using Victoria as a port-of-call

Of the 243 cruise ship visits to Victoria in 2018, 100 (41%) were by ships which violated Alaskan air or water environmental regulations. . .

An additional three pending settlements were cited and a \$US37,500 fine paid by Norwegian Cruise Lines . . .

"increase in public complaints coincides with an increase in the number of ships operating . . . (Scrubbers). Complaints show a weekly trend with certain vessels reporting excess smoke, smell of exhaust and a blue haze settling over downtown Juneau"

Ship Name	<u>Air Violation</u>	<u>Water Violation</u>	# of Victoria Visits
Amsterdam	x		18
Emerald Princess	x	x	20
Eurodam	x	x	22
Golden Princess	x	x	1
<u>Nieuw Amsterdam</u>	x	x	1
Regatta		x	9
Ruby Princess		x	23
Seven Seas Mariner		x	4
Star Princess		x	1
<u>Westerdam</u>	x	x	1
		Total	100



your priorities ?



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