



# MISP Data: Open Access

## Web-based Summary Reports

*PBWG* | March 30, 2022

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Marine Invasive Species Program - MEPD

California State  
Lands Commission



# OUTLINE

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1. Objectives
2. Type of data and data collection
3. Process and output
4. Feedback and group discussion

# OBJECTIVES

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- Make data readily available
- Share info with interested parties
- Increase collaboration
- Increase visibility of SLC work
- Simple reproducible process

## QUARTERLY SUMMARY REPORTS

# WHAT KIND OF DATA?

## VESSEL ARRIVAL PATTERNS

- Vessel type
- Port
- Cumulative by Quarter
- Historical

## BALLAST WATER DISCHARGING PATTERNS

### Other ideas:

- Wetted Surface Area
- LPOC
- Compliance

# DATA COLLECTION

- Marine Exchanges
- Vessel reporting forms

**Ballast Water Management Database**

1/7/93  
BW  
Reports  
Need  
Attention  
MISP (262 E)

Vessel Schedule | Browse Vessel | Working Inspections | Reports | Contacts | Entity Maintenance

Vessel Schedule For: 03/14/2022

Berth: [ ] Port: [ ] Vessel: [ ] Time: [ ] Agent: [ ]

Port (Berth)	Vessel Name (Call Sign)	Arrival Time	Vessel Agent	Insp Priority	Insp Priority Descr	Inspection Status
<input type="checkbox"/> Oakland (OAKS9)		0100		High	No Insp last 3 mo. Violation in last 12 mo. Name Change	
<input type="checkbox"/> Richmond (RCH8)		0600		High	No Insp last 12 mo. Expired 60 day grace period	
<input type="checkbox"/> Los Angeles/Long Beach (H4)		0700		High	No Insp last 5 yr. 1st arrival subject to BF regulations	
<input type="checkbox"/> Los Angeles/Long Beach (92)		0600		High	No Insp last 5 yr. 1st arrival subject to BF regulations	
<input type="checkbox"/> Los Angeles/Long Beach (ANC)		0400		High	Vessel new to CA. 1st arrival subject to BF regulations	
<input type="checkbox"/> Carquinez (BNC2)		0000		High	Vessel new to CA	
<input type="checkbox"/> Carquinez (CRH1)		1810		High	No Insp last 12 mo. 1st arrival subject to BF regulations	
<input type="checkbox"/> Oakland (OAKS7)		1600		High	No Insp last 3 mo. 1st arrival subject to BF regulations	
<input type="checkbox"/> Richmond (RLW2)		1500		High	No Insp last 12 mo. Vessel Discharging	
<input type="checkbox"/> San Francisco (ANCS)		0600		Medium	No Insp last 12 mo.	
<input type="checkbox"/> Los Angeles/Long Beach (ANC)		1200		Medium	No Insp last 12 mo.	

**MISP Application** California State Lands Commission

Dashboard | Approver | Back to Ballast Water | Communication | User Maintenance | Support | Account

Hello, Lina Ceballos (lina.ceballos@slc.ca.gov)

### My Dashboard

My Work Click on the row: to EDIT a SAVED/REJECTED report, or to VIEW a SUBMITTED report

Search Vessels [IMO Number or Vessel Name] Add to My Vessels

Please contact us at [slc.mepdmisp@slc.ca.gov](mailto:slc.mepdmisp@slc.ca.gov) if you need to change your vessel's name or any other vessel information

My Vessels (Total = 0) Click on the row: to VIEW Vessel History

**Your vessel list is empty.**

To add a vessel to "My Vessels":

1. Start typing the vessel name or IMO number into the field to activate the search.
2. When the vessel name is found, select the vessel name from the list.
3. Click on "Add to My Vessels."

# MISP Reports PROCESS

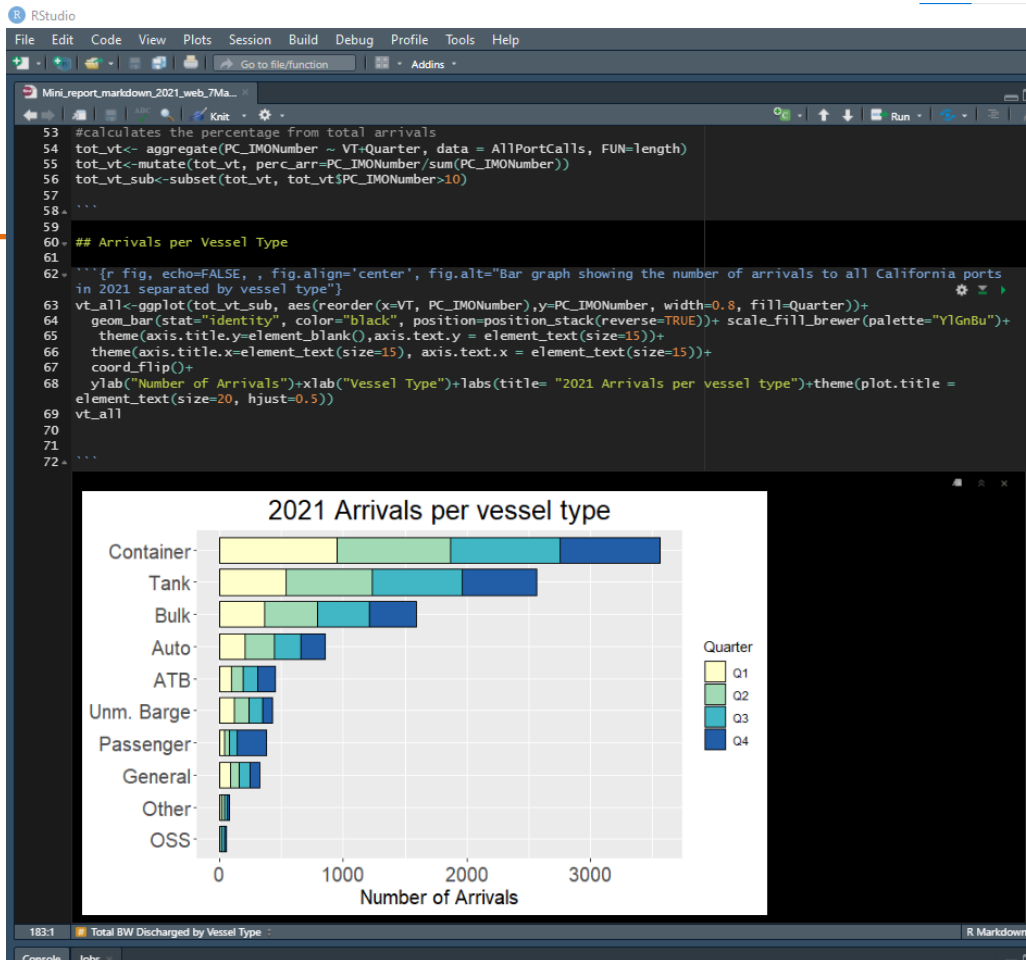
QC and  
clean up

~1 month  
delay

Extract from  
database

Run **R Script**  
html output

Publish on  
website



# OUTPUT

[html file](#)

[MISP website](#)  
(in progress)

## 2021 Summary Report

Marine Invasive Species Program  
Jan-Dec, 2021

The Marine Invasive Species Program monitors and analyzes vessel arrival patterns at all California ports. Staff obtains arrivals data from the Marine Exchanges of Southern California and the San Francisco Bay Region and ballast water data from the vessel-submitted reporting forms.

### Arrival Patterns

Arrivals per Vessel Type   Arrivals per port   Arrivals per region   Arrivals data

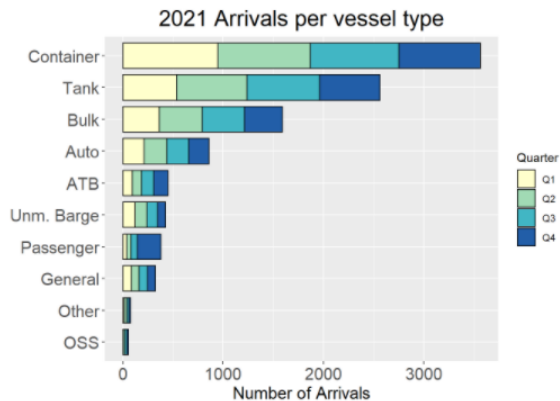
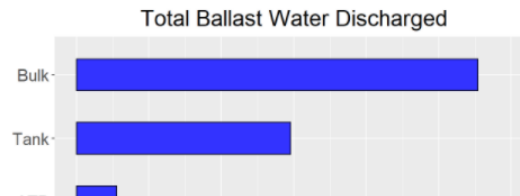


Figure 1. Number of arrivals per vessel type at all California ports during 2021. Q1= January to March, Q2= April to June, Q3= July to September, Q4= October to December

### Ballast Water

Total BW Discharged by Vessel Type   Total BW Discharged per Port   Ballast Water discharge data





# Open data **FEEDBACK**

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- States' plans
- Timelines - frequency
- Data needs – targeted audiences
- Shareability – platforms – formats