Marine Exchange of Southern California and Vessel Traffic Service of Los Angeles & Long Beach



Safe, Secure, Efficient, Reliable & Environmentally Sound Maritime Transportation



Information brief to

California Marine & Navigation Conference

New Queuing System for Labor for Container Ships arriving LA/LB

19 May 2022

Captain Kip Louttit
USCG, Retired
Executive Director
Providing Maritime Peace of Mind Since 1923

Agenda

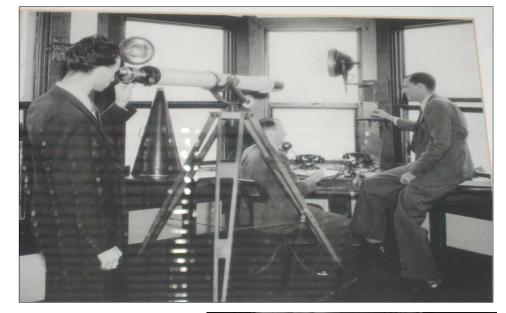
- Marine Exchange
- Maritime
 Information Service
- Vessel Traffic Service
- Backup Situation
- New Queuing
 System for Labor
 for Container Ships
 arriving LA/LB
- End

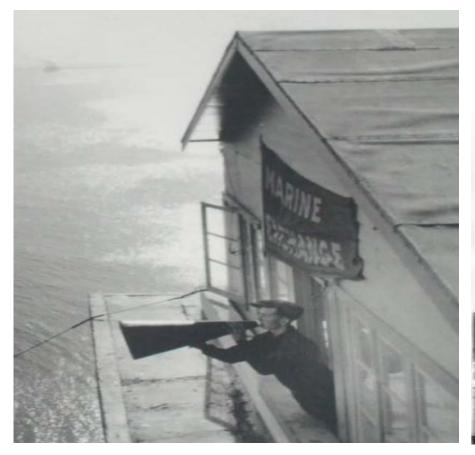


Marine Exchange and approaches to Los Angeles & Long Beach Harbors

MX SoCAL: 1923 to 2022

99 years of changing functions, processes, and technology to meet needs of customers, partners, vessels, and ports.







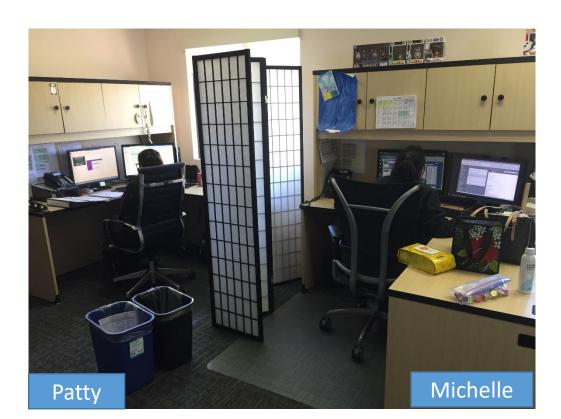


Megaphones, telescopes, blackboards & spindle replaced by state of the market technology ³

What we do – 2 main business lines

Maritime Information Service

- 1923 to present
- Gather and collate schedules for ~4,550 vessels per year arriving, departing & moving around ports of LA/LB



Vessel Traffic Service LA/LB

- 1994 to present
- Unique Public/Private Partnership between MX, USCG & State of California
- Maritime version of Air Traffic Control
- ~28,000 vessel movements per year



Special Huge Challenges Being Met: 1: COVID-19 backup of Tankers & Cruise Ships March-June 2020



2: COVID-19 backup of Container Ships: September 2020-Ongoing



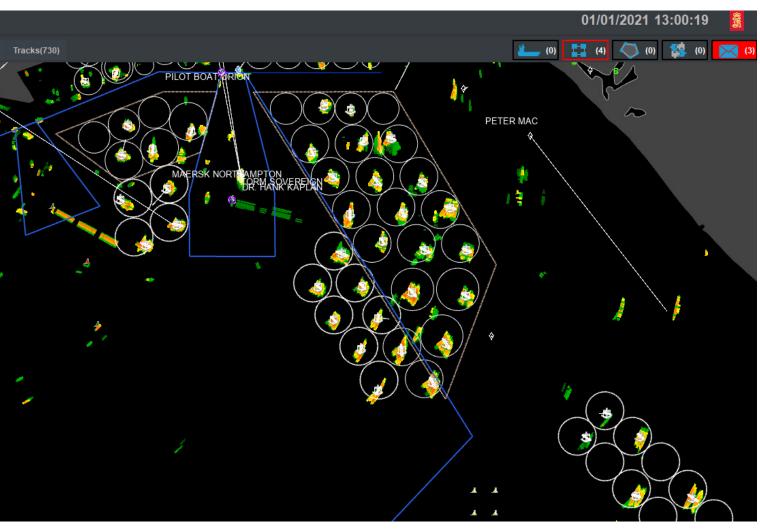
Current Records: 114 total ships at anchor & *loitering* including 86 container ships. 2014-2015 congestion records: 48 total ships at anchor including 28 container ships.

Anchorages off Los Angeles and Long Beach

Normal, 2019, Pre-COVID Average 17 ships at anchor

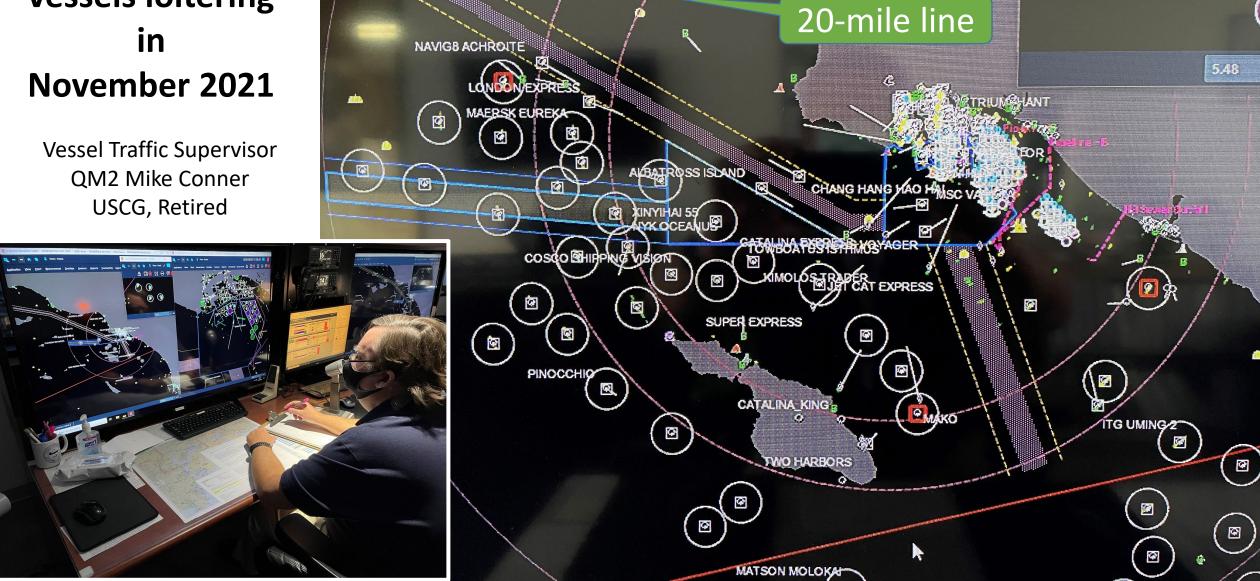
October 2021 As many as 55 anchored





The anchorages are the circles; the yellow and white icons are the ships

Plus,
as many as 62
vessels loitering
in
November 2021



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CARIBE ALLIANCE

The future... the present... Working Group:





Pacific Maritime Association

Plus ~10 Ocean Carriers and Terminals









PMA currently paying

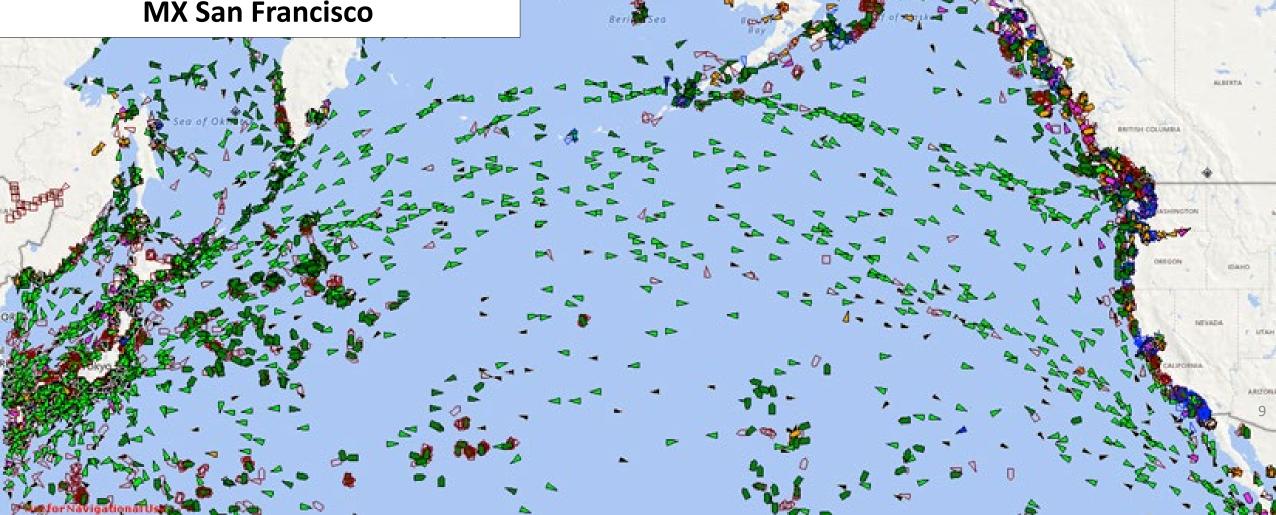
New system launched 16 Nov 2021
Pacific Maritime Management Service
Partnership of:

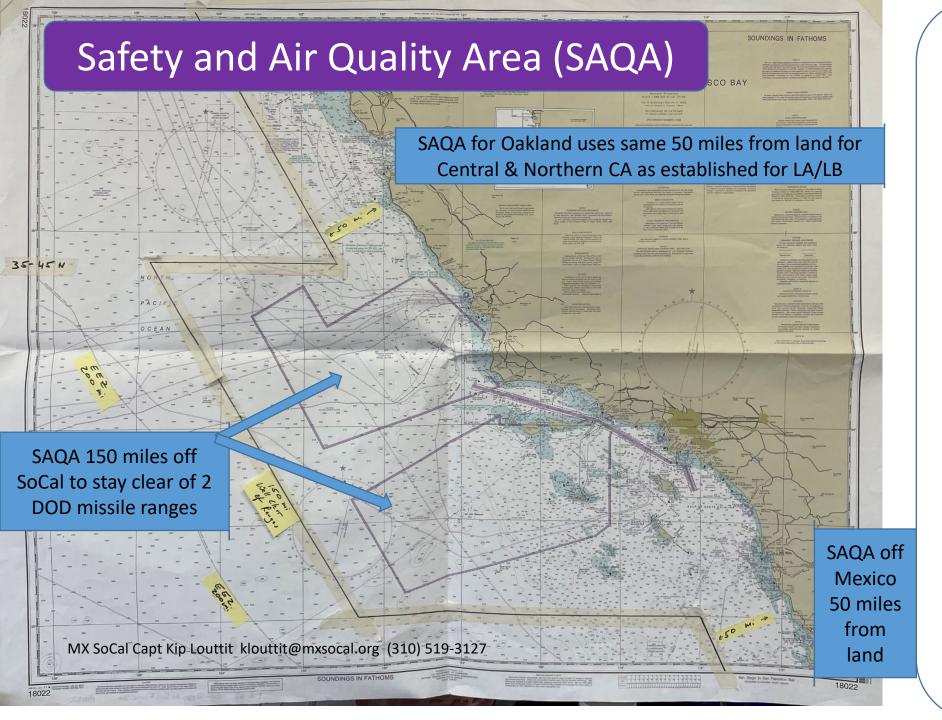
- MX SoCal & MX Alaska (Juneau)
- Oakland Added 11 January 2022
 MX San Francisco

Queuing for Labor for Container Ships:

100-year-old process: Queue upon Arrival,
originally at breakwater and then at 20-mile line from LA/LB

New Process: Queue upon Departure from Last Port of Call, made possible by satellite phones, e-mail & AIS





Pacific Maritime Management Service (PacMMS)

Until vessels have a berthing assignment in the reasonable future (defined as 72 hours), vessels must stay out the outlined Safety and Air Quality Area (SAQA)

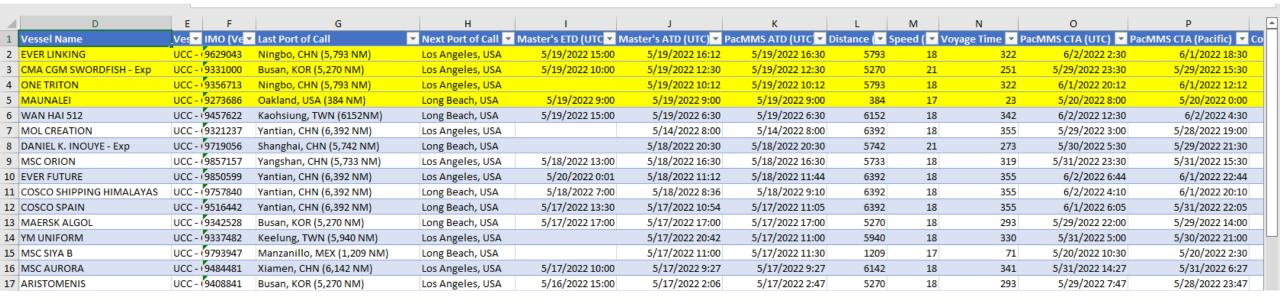
Exceptions:

- Vessels not carrying containers
- Container ships in normal transits to/from ports for normal operations such as bunkers (refueling)
- Force Majeure & Emergencies

Calculated Time of Arrival (CTA) Calculation for Labor:

- Date & Time of departure from Last Port of Call (LPOC)
- + Voyage time in hours (distance / speed = time)
- = CTA date and time

CTA = used in place of ATA (Actual Time of Arrival) at 25-mile line for labor allocation.

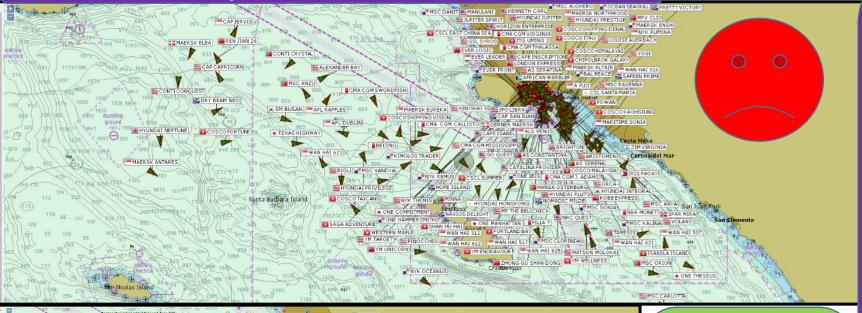


This report comes from MX AK Daily at 1100 and 2300 & imports into our MARIS system...

Enables slow speed steaming and/or loitering outside SoCal/SAQA waters



PacMMS Implemented 1600 16 Nov



Record Low 3 Feb was first day with 0 ships loitering since early August 2021

Look at all the open water, increasing safety and air quality!

The twin goals of the new queuing system for labor administered by PacMMS are being met! <u>62</u> vessels of all types loitering noon 16 Nov.

This was <u>bad</u> for safety & air quality.

The new queuing system for labor was implemented this date, operated by PacMMS.

We first got down to 0 vessels of all types loitering on 3 Feb.

O vessels loitering Many days since CIFIC MARIJIME SON

Pacific Maritime Management Services Screen shot Thu 19 May 2022 time Management Services (PacMMS)



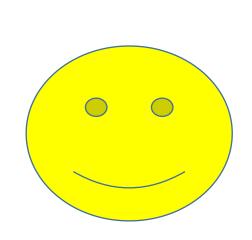




The anchorages Monday noon.

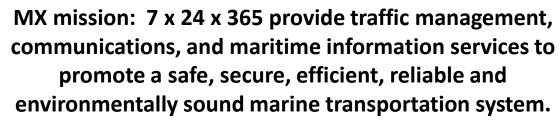
31 vessels anchored including 7 container ships. 0 vessels loitering.

Good for safety and air quality.











MX: There when you need us most... emergencies (fires, medical, rescue), fog and bad weather, traffic anomalies, natural or man-made disasters, etc.

24 Hour Vessel Traffic Center Watch Floor: 310-832-6411

www.mxsocal.org info@mxsocal.org VHF-FM Channel 14

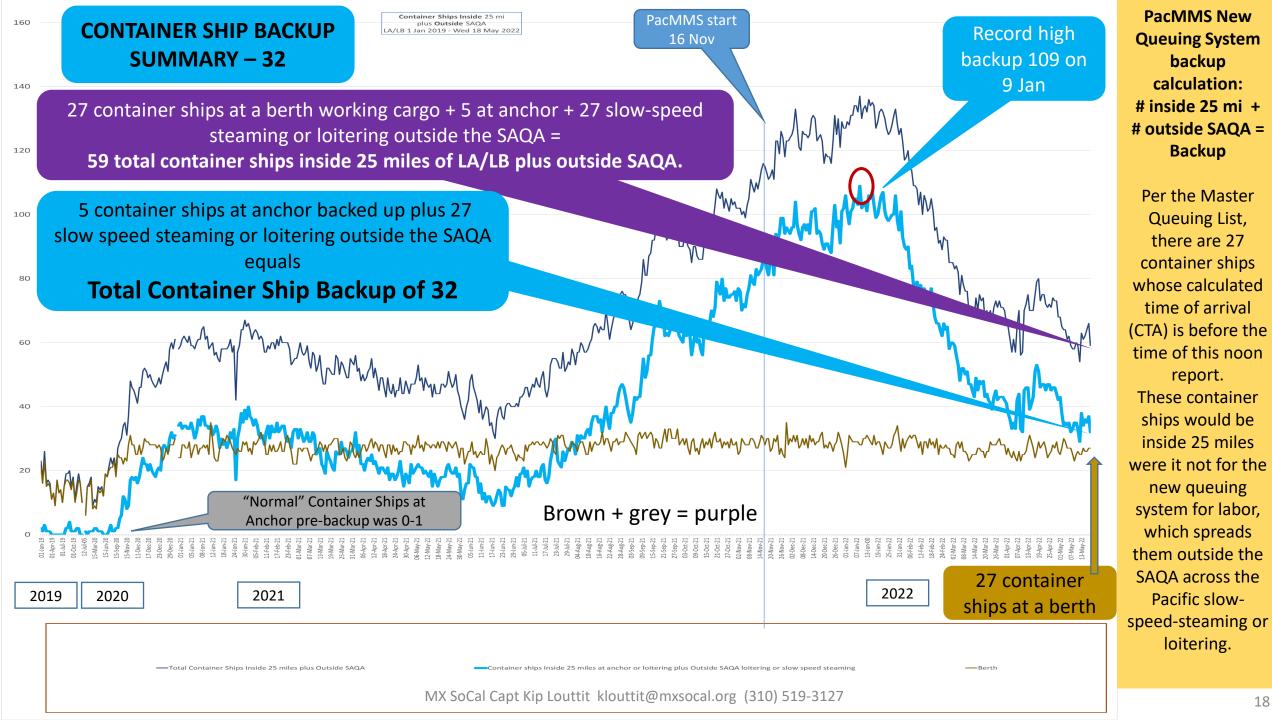
Providing Maritime Peace of Mind since 1923

Point of Contact:

CAPT Kip Louttit, Executive Director

Work: 310-519-3127 Cell: 310-897-1714 <u>klouttit@mxsocal.org</u>

Backups



Container Ships Outside Safety and Air Quality Area in backup

_	
	Container Ships outside
	SAQA
16-Nov	Within Today's date/time
17-Nov	7
18-Nov	8
19-Nov	10
20-Nov	13
21-Nov	20
22-Nov	20
23-Nov	33
24-Nov	35
25-Nov	38
26-Nov	43
27-Nov	44
28-Nov	44
29-Nov	45
30-Nov	51

The new queuing system for labor started on 16 Nov 2021, so it took a few weeks in November for all ships to enroll.

This data goes with slides 1, 4, and 5.

1-Dec	54
2-Dec	55
3-Dec	56
4-Dec	65
5-Dec	61
6-Dec	59
7-Dec	58
8-Dec	66
9-Dec	68
10-Dec	67
11-Dec	68
12-Dec	69
13-Dec	71
14-Dec	71
15-Dec	74
16-Dec	71
17-Dec	72
18-Dec	71
19-Dec	69
20-Dec	66
21-Dec	67
22-Dec	65
23-Dec	66
24-Dec	66
25-Dec	74
26-Dec	81
27-Dec	77
28-Dec	78
29-Dec	73
30-Dec	82
31-Dec	81

1-Jan	84
2-Jan	84
3-Jan	81
4-Jan	85
5-Jan	88
6-Jan	89
7-Jan	93
8-Jan	92
9-Jan	97
10-Jan	88
11-Jan	89
12-Jan	93
13-Jan	94
14-Jan	94
15-Jan	93
16-Jan	96
17-Jan	93
18-Jan	90
19-Jan	93
20-Jan	95
21-Jan	97
22-Jan	98
23-Jan	93
24-Jan	93
25-Jan	90
26-Jan	92
27-Jan	95
28-Jan	95
29-Jan	101
30-Jan	94
31-Jan	91

1-Feb	94
2-Feb	90
3-Feb	88
4-Feb	83
5-Feb	84
6-Feb	76
7-Feb	77
8-Feb	75
9-Feb	74
10-Feb	75
11-Feb	73
12-Feb	77
13-Feb	73
14-Feb	72
15-Feb	72
16-Feb	69
17-Feb	69
18-Feb	69
19-Feb	68
20-Feb	64
21-Feb	60
22-Feb	60
23-Feb	58
24-Feb	59
25-Feb	61
26-Feb	60
27-Feb	61
28-Feb	56

<u>_</u>	1-Mar	56
	2-Mar	58
	3-Mar	55
	4-Mar	53
	5-Mar	52
	6-Mar	45
	7-Mar	48
	8-Mar	47
	9-Mar	47
	10-Mar	46
	11-Mar	42
	12-Mar	44
	13-Mar	42
	14-Mar	40
	15-Mar	44
	16-Mar	44
	17-Mar	45
	18-Mar	44
	19-Mar	47
	20-Mar	41
	21-Mar	43
	22-Mar	39
	23-Mar	38
	24-Mar	37
	25-Mar	39
	26-Mar	40
	27-Mar	39
	28-Mar	39
	29-Mar	40
	30-Mar	41
	31-Mar	37

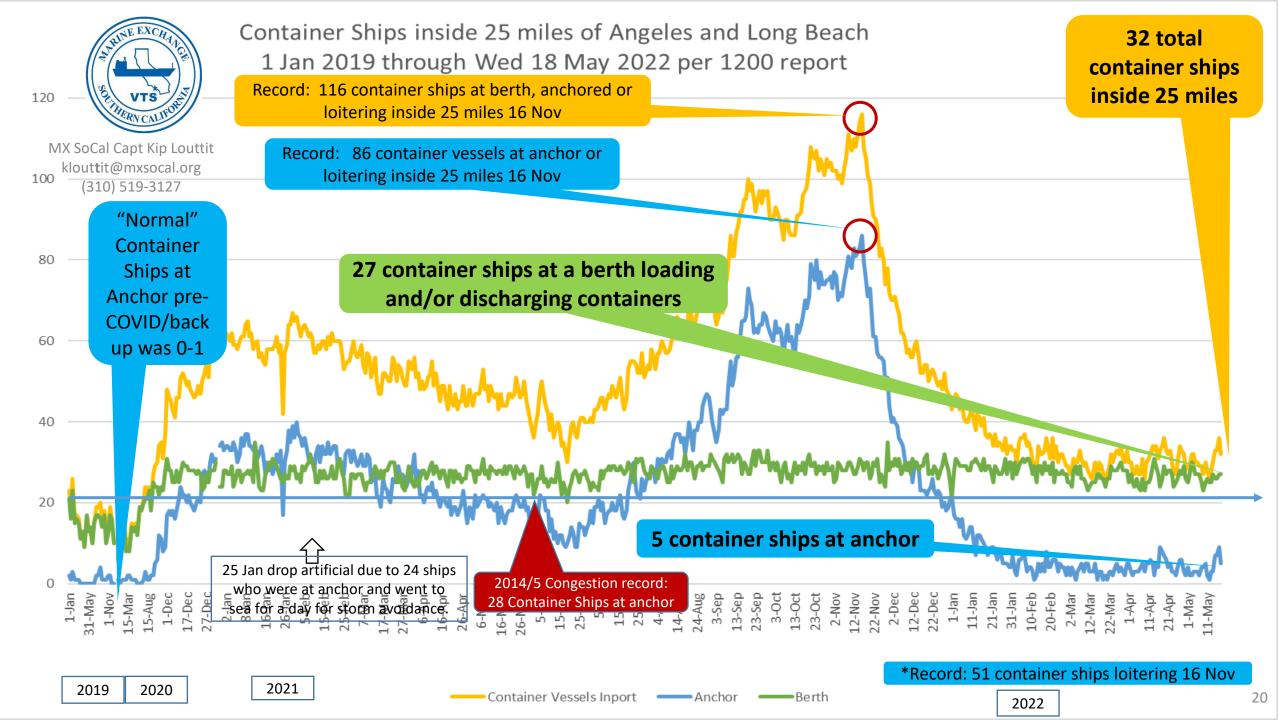
1-Apr	36
2-Apr	35
3-Apr	34
4-Apr	30
5-Apr	32
6-Apr	30
7-Apr	38
8-Apr	39
9-Apr	30
10-Apr	27
11-Apr	39
12-Apr	40
13-Apr	41
14-Apr	37
15-Apr	36
16-Apr	39
17-Apr	42
18-Apr	45
19-Apr	44
20-Apr	40
21-Apr	43
22-Apr	42
23-Apr	42
24-Apr	44
25-Apr	45
26-Apr	41
27-Apr	40
28-Apr	40
29-Apr	41
30-Apr	40

1-May	39
2-May	36
3-May	32
4-May	32
5-May	31
6-May	32
7-May	30
8-May	29
9-May	31
10-May	30
11-May	31
12-May	28
13-May	35
14-May	31
15-May	29
16-May	31
17-May	30
18-May	27

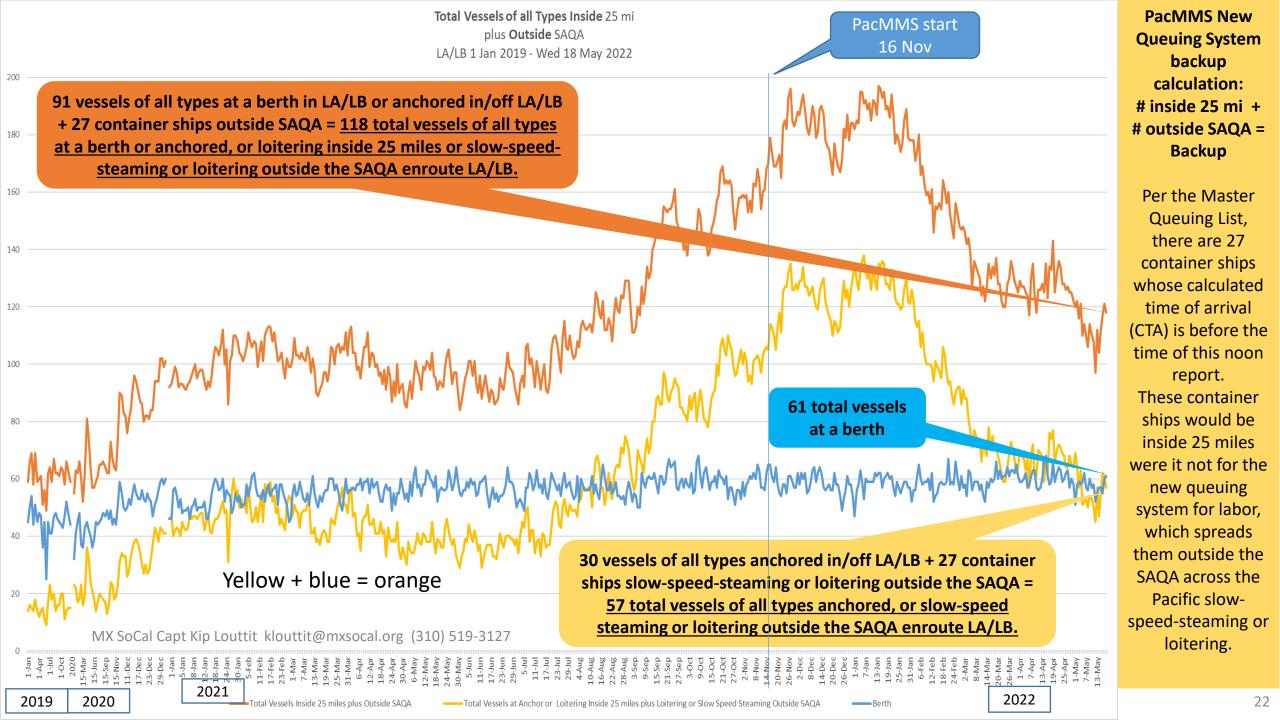
Today's Outside SAQA Count

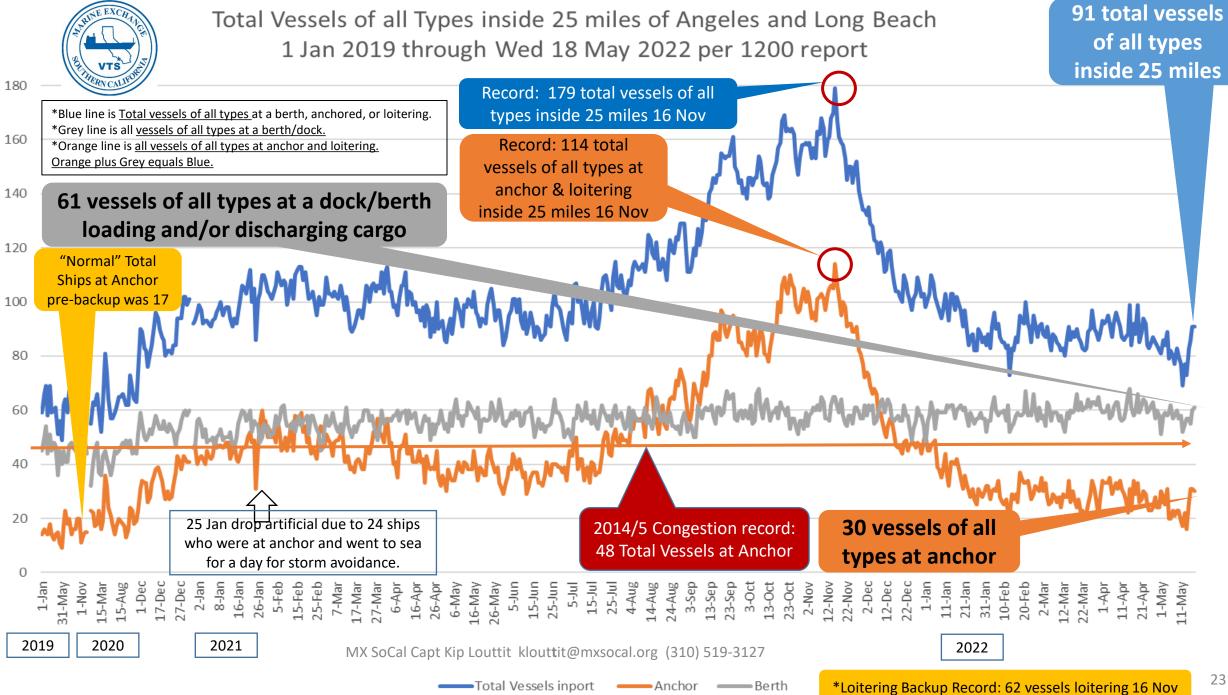
Record Hi

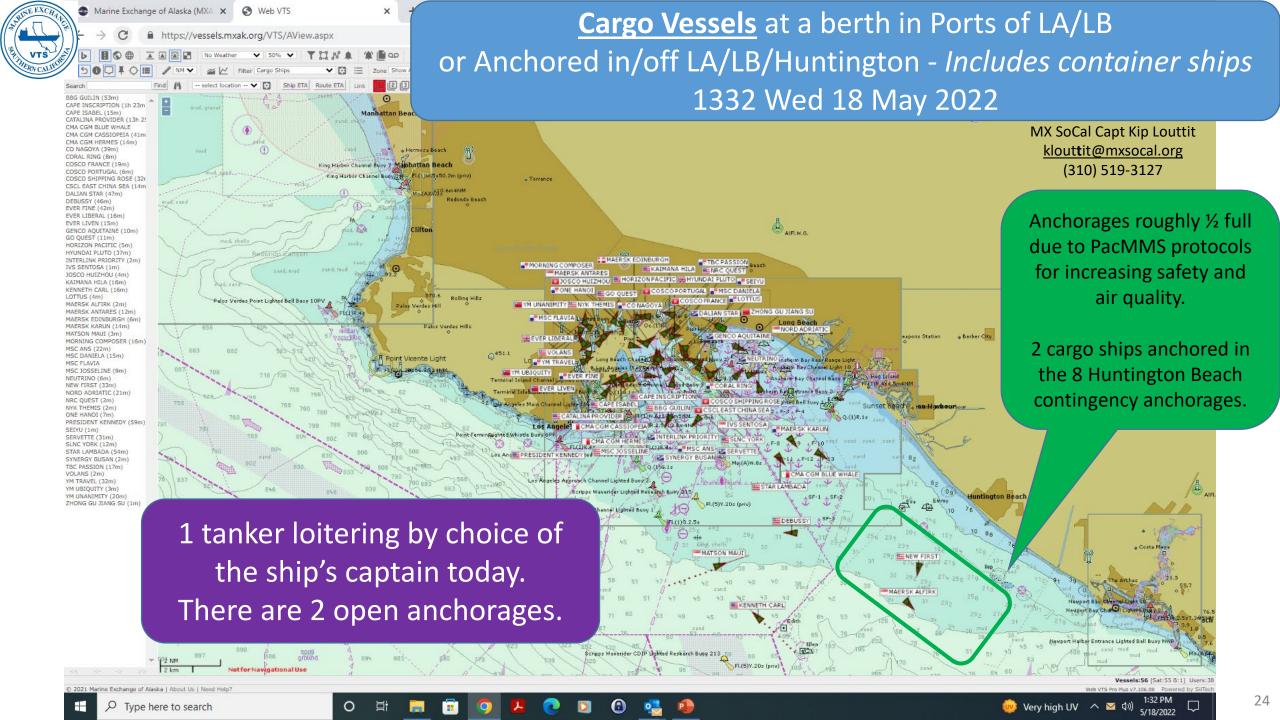
This data is the subset of the backup that is outside the SAQA. For the complete backup, we add the container ships anchored and/or loitering inside 25 miles.

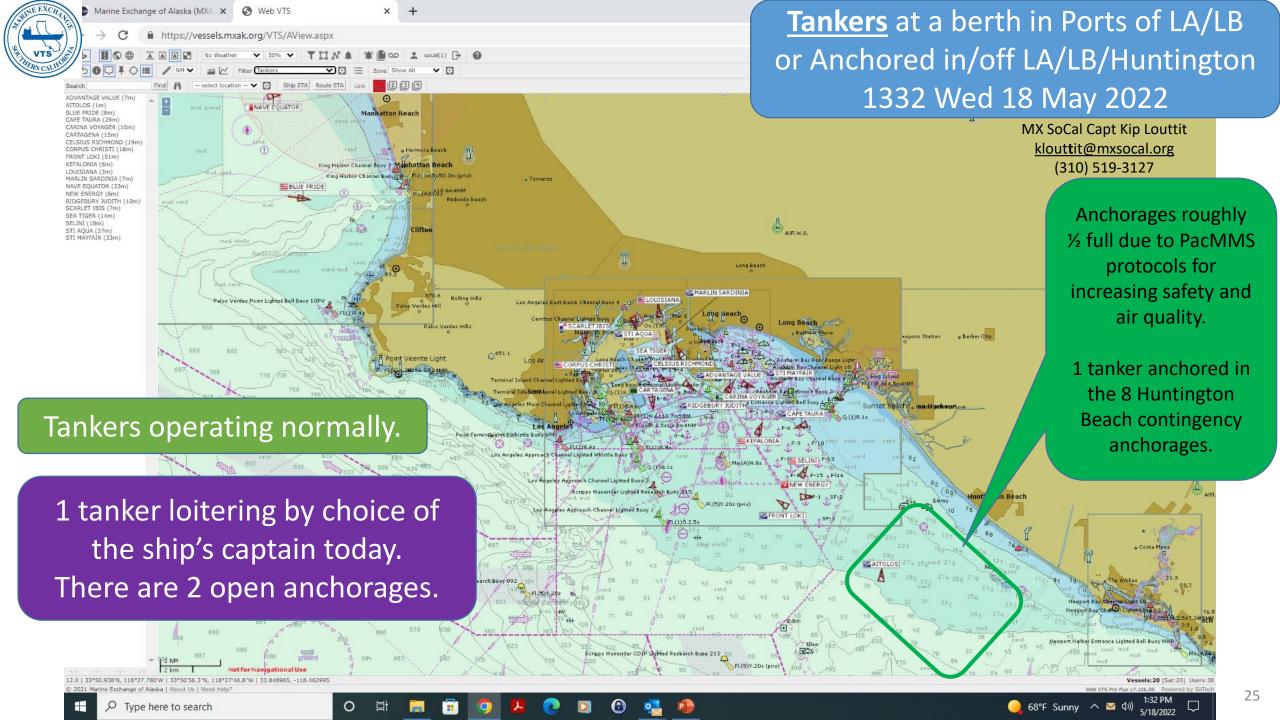


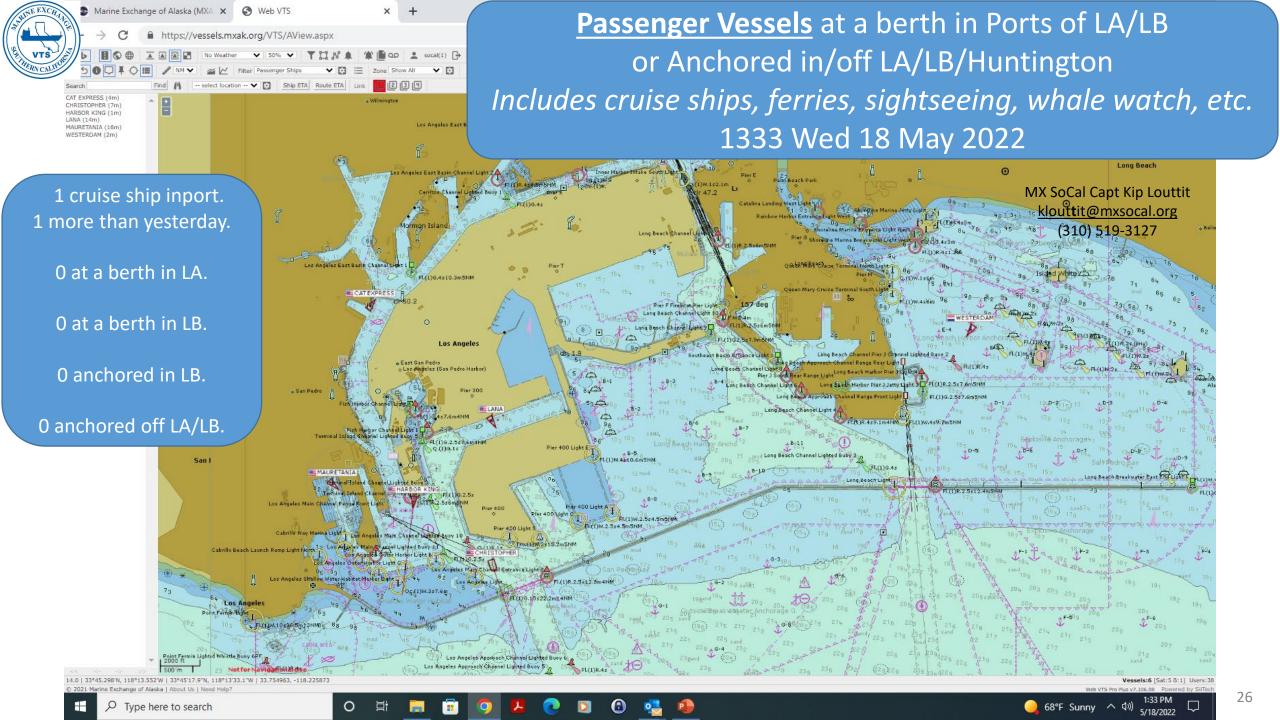






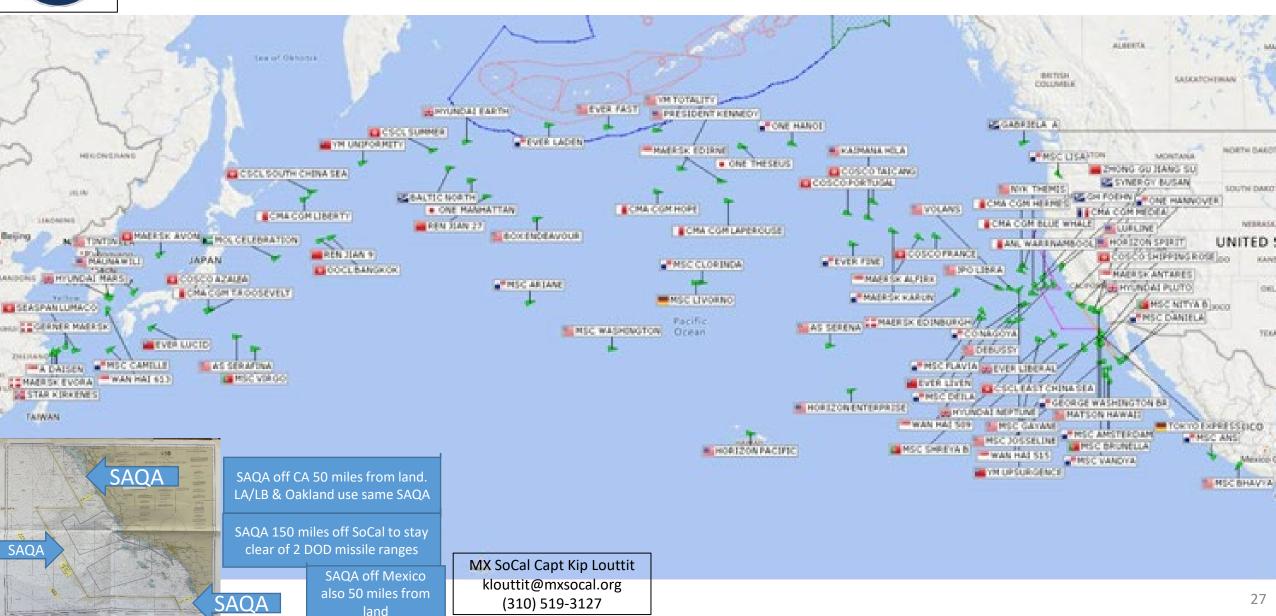








Pacific Maritime Management Services (PacMMS) - Screen shot Thu 12 May 2022



End