

Harbor Safety Committee

of the San Francisco Bay Region

*Mandated by the California Oil Spill
Prevention and Response Act of 1990*

Harbor Safety Committee of the San Francisco Bay Region

Thursday, September 12, 2019

Port of Oakland, Exhibit Room

530 Water Street, Oakland, CA

Capt. Lynn Korwatch (M), Marine Exchange of the San Francisco Bay Region (Marine Exchange), Chair of the Harbor Safety Committee (HSC); called the meeting to order at 10:04.

Marcus Freeling (A), Marine Exchange, confirmed the presence of a quorum of the HSC.

Committee members (M) and alternates (A) in attendance with a vote: **Jim Anderson** (M), CA Dungeness Crab Task Force; **John Berge** (M), Pacific Merchant Shipping Association; **Capt. Marie Byrd** (M), United States Coast Guard; **Capt. Bob Carr** (M), San Francisco Bar Pilots; **Sejal Choksi-Chugh** (M), San Francisco Baykeeper; **Capt. Sean Daggett** (M), Sause Bros. Inc.; **Kevin Donnelly** (A), WETA; **Robert Estrada** (M), Inlandboatmen's Union; **Jeff Ferguson** (M), NOAA; **Aaron Golbus** (M), Port of San Francisco; **Troy Hosmer** (M), Port of Oakland; **Jim McGrath** (M), Bay Conservation and Development Commission; **Benjamin Ostroff** (A), Starlight Marine Services; **Major Stephanie Radford** (A), US Army Corps of Engineers; **Jeff Robbins** (M), General Steamship Corporation; **Jeff Vine** (M), Port of Stockton.

The meetings are always open to the public.

Approval of the Minutes-

A motion to accept the minutes of the August 8, 2019 meeting was made and seconded. The minutes were approved without dissent.

Comments by Chair- Capt. Lynn Korwatch

Welcomed the committee members and audience.

Coast Guard Report- Capt. Marie Byrd

- Advised of the recent dive vessel CONCEPTION tragedy which took place in Sector LA/LGB's area of responsibility. An investigation into the fire onboard is being conducted. The USCG has issued a MSIB on passenger vessel compliance and operational readiness (attached). Passenger safety is a priority.
- Advised of a deep draft RORO vessel which experienced an engine fire. No injuries were reported and the investigation is ongoing.

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- Advised of a recent incident involving an adrift barge near the Tiburon Ferry Terminal. Ferries in the vicinity assisted and the barge was safely moored.
- Advised of an unpermitted swimming event that took place between Alcatraz and Aquatic Park. Permits are required for safety. Several of the swimmers went off course and SAR assets were dispatched by the USCG and SFPD. All swimmers were rescued.
- Advised of an August 17th rescue of a skiff in distress. The pilot onboard a ship in the Sacramento Channel spotted a skiff flashing a white light and reported it to VTS. The skiff was taking on water and the USCG was able to assist.
- Advised that Fleet Week is in early October. Lighted buoys will mark the Fleet Week box. A force protection and planning meeting is scheduled for next Monday.
- LT Emily Rowan read from the August- 2019 Prevention/Response Report (attached).
- John Berge asked for information regarding the RORO vessel which capsized in Georgia and if ballast management was a factor. Capt. Byrd advised that Sector Charleston is investigating.
- Robert Estrada asked for more information regarding the adrift barge incident. LT Rowan advised that a 120 foot barge from a construction project became unmoored and drifted near the Tiburon Ferry Terminal. The barge was salvaged and no damage reported.

Army Corps of Engineers Report- Major Stephanie Radford

- Introduced herself as the new USACE San Francisco District Deputy Commander.
- Read from the US Army Corps of Engineers, San Francisco District Report (attached). The dredge Essayons will be back to finish Main Ship Channel dredging in early October after maintenance issues. Oakland Harbor and Redwood City Harbor dredging is proceeding. San Pablo Bay dredging is complete. Debris removal numbers were below average. Public review of the San Francisco to Stockton study is ongoing. The USACE Work Plan is available at a new web address: www.usace.army.mil/Missions/Civil-Works/Budget/
- Capt. Korwatch advised of the NOAA Marine Debris Program. Information can be found at: marinedebris.noaa.gov

Clearinghouse Report- Marcus Freeling (report attached)

OSPR Report- Mike Zamora

- Advised of HSC membership appointments and re-appointments. Capt. Bob Carr and Capt. Paul Ruff have been re-appointed representing the Bar Pilots. Vacancies will be posted.

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- Capt. Korwatch announced that the biennial Harbor Safety Summit will be taking place on September 18-19, 2019 in Long Beach aboard the Queen Mary.

NOAA Report- Jeff Ferguson

- Advised that the NOAA Ship Fairweather is currently surveying off Point Reyes. Pier 80 will be surveyed in October at the Bar Pilots' request.
- Advised that a USCG Federal Register Notice has been issued regarding potential termination of the NAVTEX system. NOAA uses the system to transmit weather warnings and feedback is requested. Warnings are transmitted through several other systems as well.
- Advised that warmer water in the Pacific Ocean has been labeled the Northeast Pacific Marine Heat Wave of 2019 and is being monitored.

State Lands Commission Report- (report attached)

- The State Lands Public Service Meeting will be held on September 24, 2019 in Martinez.

Work Group Reports-

Harbor Safety Plan Update Work Group- Linda Scourtis advised that the 2019 San Francisco Harbor Safety Plan Update has been compiled. The Harbor Safety Plan Update Transmittal Memo and the SF HSC Executive Summary 2018/2019 were distributed (attached). There were minimal changes to the plan this year. A motion was made and seconded to approve the 2019 HSP Update. The motion passed without dissent. Capt. Korwatch thanked all those who contributed. John Berge asked about making the HSP a living document. Capt. Korwatch advised that the issue will be discussed at the upcoming Harbor Safety Summit and feedback will be solicited from other HSCs. Ted Mar, OSPR, advised that California HSC regulations are more stringent than other states. The LA/LGB HSC votes on plan updates throughout the year. Marcus Freeling advised that many of the HSP updates are yearly statistical reports submitted by several agencies.

Tug Work Group- Capt. Sean Daggett advised that there was nothing to report.

Navigation Work Group- Capt. Bob Carr advised that there was nothing to report. Aaron Golbus advised that Sail GP is planning to return and is interested in a getting feedback on their event held last May. Jim McGrath advised of concerns from the windsurfing community. A Navigation Work Group meeting on the issue will be scheduled.

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Ferry Operations Work Group- Kevin Donnelly advised that Golden Gate Ferry will begin ferry service to the Chase Center on October 5th. A floating dock from the Port of San Francisco will be used.

Dredge Issues Work Group- Nothing to report.

PORTS Work Group- Troy Hosmer advised that there was nothing to report.

Prevention through People Work Group- Nothing to report.

PORTS Report- Marcus Freeling

- Advised that SF PORTS is running well despite a few issues. New Satlinks will be installed at Pier 17 and other PORTS stations which should fix data transmission problems.
- Advised that the Amorco humidity sensor has been intermittent. The sensor might have to be replaced.
- Advised that PORTS buoy mounted current sensors will be serviced in late October or November.
- Advised that PORTS data is publicly available through NOAA's Tides and Currents website.

Public Comment-

- Aaron Golbus advised that Fleet Week is in early October with the Parade of Ships on October 11th. Ships will begin arriving on October 5th docking at Pier 35, Pier 27, Pier 17, Pier 19 and Pier 30/32. An Australian naval vessel will be attending and a Fleet Festival will be held. A debris removal exercise will also be held at Pier 27.
- Capt. Korwatch announced that the AMSC meeting has been delayed until October 15th to accommodate Fleet Week.

Old Business- None

- Capt. Carr advised of whale strike prevention and distributed a flyer titled: 5 Things You Can Do to Reduce the Risk of Whale Strike. Information is posted to the Bar Pilots website. Several whales have been in the bay this year.

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New Business-

- Stas Margaronis, Propeller Club, announced a conference with several California ports on December 3rd regarding storm flooding and sea-level defense (agenda attached). Federal, state and local agencies will be attending the conference. Information and tickets are available on the Propeller Club website: propellerclubnortherncalifornia.org/storms-flooding-sea-level-defense-conference/
- Capt. Korwatch announced that the Marine Exchange is holding an Open House on September 16th, 11:00 – 15:00, at the new Emeryville office.

Next Meeting-

1000-1200, October 10, 2019

California Maritime Academy, Richmond Maritime Safety & Security Center
756 West Gertrude Street, Richmond, CA

Adjournment-

A motion to adjourn to meeting was made and seconded. The motion passed without dissent and the meeting adjourned at 10:53.

Respectfully submitted:



Capt. Lynn Korwatch



Marine Safety Information Bulletin

Commandant
U.S. Coast Guard
Inspections and Compliance Directorate
2703 Martin Luther King Jr Ave SE, STOP 7501
Washington, DC 20593-7501

MSIB Number: 008-19
Date: September 10, 2019
E-Mail: CGCVC@uscg.mil

Passenger vessel compliance and operational readiness

On September 2, 2019, the small passenger vessel CONCEPTION caught fire and sank off the coast of Santa Cruz Island, California with loss of life. A Coast Guard Marine Board of Investigation (MBI) has been convened and will conduct a thorough and comprehensive marine casualty investigation to determine the causal factors that contributed to this tragic incident. The Coast Guard and the maritime industry do not have to delay until the MBI has completed their investigation before taking immediate and positive action.

This bulletin identifies regulations related to firefighting, lifesaving, preparations for emergencies, and means of escape that serve as a reminder for owner and operators to ensure the safety of the passengers and crew while onboard. It is recommended that owners, operators, and masters of passenger vessels immediately complete the following:

- Review the routes and conditions listed on the vessel's Certificate of Inspection (COI) including the number of passengers and overnight passengers permitted. Ensure crewmembers are aware of and clearly understand their obligations including any additional requirements detailed on the COI.
- Review emergency duties and responsibilities with the crew and any other crewmember in a safety sensitive position to ensure they comprehend and can comply with their obligations in an emergency to include the passenger safety orientation. Ensure emergency escapes are clearly identified, functional, and remain clear of objects that may impede egress.
- Review the vessel log book and ensure records of crew training, emergency drills, and equipment maintenance are logged and current. Additionally, it is recommended that the master complete log entries to demonstrate to the Coast Guard that the vessel is operating in compliance with routes and conditions found on the COI.
- Ensure all required firefighting and lifesaving equipment is onboard and operational.
- Reduce potential fire hazards and consider limiting the unsupervised charging of lithium-ion batteries and extensive use of power strips and extension cords.
- Review the overall condition of the passenger accommodation spaces and any other space that is readily available to passengers during the voyage for unsafe practices or other hazardous arrangements.

Owners, operators, or masters of passenger vessels that are unsure of the requirements placed on the vessel's COI or otherwise required by regulation are encouraged to contact their local [Officer in Charge, Marine Inspection](#). Alternatively, questions may be forwarded to Coast Guard Office of Commercial Vessel Compliance, Domestic Compliance Division (CG-CVC-1) by email at CGCVC@uscg.mil.

SIGNIFICANT PORT SAFETY AND SECURITY CASES (AUGUST 2019)

MARINE CASUALTIES

Loss of Propulsion (03AUG19): A foreign flag container vessel experienced a loss of propulsion while departing the Port of Oakland. The causative factor was a stuck fuel valve. Coast Guard attended the vessel and witnessed the successful repair. Case closed.

Loss of Propulsion (15AUG19): A foreign flag bulk carrier experienced a loss of propulsion while departing the Port of Stockton. The causative factor was a faulty relay switch in the main junction box for the main engine aux blowers. The faulty relay switch was removed, and a new relay switch was installed. Class & Coast Guard attended the vessel and witnessed the successful repair and satisfactory operation of the vessel's propulsion system. Coast Guard received and reviewed the Class report. Case closed.

Loss of Propulsion (29AUG19): A foreign flag bulk carrier experienced a loss of propulsion while transiting outbound from the Port of Stockton. The causative factor was an oil pressure sensor malfunction. Class and Coast Guard attended the vessel and witnessed the successful repair. Coast Guard received and reviewed the Class report. Case closed.

NAVIGATIONAL SAFETY

Letter of Deviation, S-Band Radar (02AUG19): Vessel was issued an inbound LOD due to an inoperable S-band radar. A technician attended the vessel while at anchorage, effected repairs, and sent Coast Guard a report for review. Case closed.

Rule 9 Violation (07AUG19): A U.S. recreational vessel impeded commercial traffic in a narrow channel. Commercial traffic used preventative measures to avoid collision. Actions were caught on camera, and the footage was retrieved by VTS. Small Boat Station San Francisco also witnessed the unsafe operations. Case closed.

Illegal Charter Operations (AUG19): Nine vessels were found operating illegal charters as small passenger vessels, defined in 46 U.S.C § 2101. A COTP Order was issued for each vessel. Cases pends.

SIGNIFICANT INCIDENT MANAGEMENT DIVISION CASES

Letter of Warning (08AUG19): IMD received a notification of a 30-ft recreational vessel that sank and spilled petroleum products at a dock in Bethel Island, CA. Once on scene, IMD determined that the vessel was not actively sheening. All the petroleum products were removed from the vessel. The vessel remains in the water as its owner coordinates salvage. A NOFI and LOW were issued. Case closed.

Letter of Warning (08AUG19): IMD received a notification of a vessel that partially sank and was sheening at a marina in Isleton, CA. IMD responded and the owner hired a local salvage company. The company removed an estimated 25 gallons of emulsified oil and removed the vessel from the water. A NOFI and LOW were issued. Case closed.

Letter of Warning (26AUG19): IMD received a report of a vessel sinking in Monterey, CA. There was a sheen reported and confirmed by on-scene assets. The owner successfully salvaged the vessel with no further impact. A NOFI and LOW were issued. Case closed.

PREVENTION / RESPONSE - SAN FRANCISCO HARBOR SAFETY STATISTICS

August 2019

PORT SAFETY CATEGORIES*	Aug-2019	Aug-2018	**3yr Avg
Total Number of Port State Control Detentions:	0	0	0.28
SOLAS (0), STCW (0), MARPOL (0), ISM (0), ISPS (0)			
Total Number of COTP Orders:	8	3	4.08
Navigation Safety (1), Port Safety & Security (7), ANOA (0)			
Marine Casualties (reportable CG 2692) within SF Bay:	13	11	9.86
Allision (0), Collision (3), Fire (1), Capsize (0), Grounding (0), Sinking (0)			
Steering (0), Propulsion (6), Personnel (2), Other (1), Power (0)			
Total Number of (routine) Navigation Safety issues/Letters of Deviation:	1	0	1.81
Radar (1), Gyro (0), Steering (0), Echo Sounder (0), AIS (0)			
ARPA (0), Speed Log (0), R.C. (0), Other (0)			
Reported or Verified "Rule 9" or other Navigational Rule Violations:	2	0	0.53
Significant Waterway events/Navigation related Cases:	0	1	0.28
Total Port Safety (PS) Cases opened	24	15	16.83
MARINE POLLUTION RESPONSE			
Pollution Discharge Sources (Vessels)	Aug-2019	Aug-2018	**3yr Avg
U.S. Commercial Vessels	0	0	0.81
Foreign Freight Vessels	0	0	0.11
Public Vessels	0	0	0.64
Commercial Fishing Vessels	0	1	0.53
Recreational Vessels	11	8	4.28
Pollution Discharge Sources (Facilities)			
Regulated Waterfront Facilities	0	0	0.36
Regulated Waterfront Facilities - Fuel Transfer	0	0	0.06
Other Land Sources	4	2	2.78
Mystery Spills - Unknown Sources	7	4	4.81
Number of Pollution Incidents within San Francisco Bay			
Spills < 10 gallons	20	4	6.14
Spills 10 - 100 gallons	1	1	1.08
Spills 100 - 1000 gallons	0	2	0.14
Spills > 1000 gallons	0	0	0.00
Spills - Unknown Size	1	8	6.97
Total Pollution Incidents	22	15	14.33
Oil Discharge/Hazardous Materials Release Volumes by Spill Size			
Estimated spill amount from U.S. Commercial Vessels	0.00	0.00	16.10
Estimated spill amount from Foreign Freight Vessels	0.00	0.00	0.17
Estimated spill amount from Public Vessels	0.00	0.00	2.94
Estimated spill amount from Commercial Fishing Vessels	0.00	200.00	7.46
Estimated spill amount from Recreational Vessels	85.50	7.00	26.70
Estimated spill amount from Regulated Waterfront Facilities	0.00	0.00	1.69
Estimated spill amount from Regulated Waterfront Facilities - Fuel Transfer	0.00	0.00	0.11
Estimated spill amount from Other Land Sources	0.00	300.00	13.51
Estimated spill amount from Unknown Sources (Mystery Sheens)	unk	unk	0.00
Total Oil Discharge and/or Hazardous Materials Release (Gallons)	85.50	507.00	68.67
Penalty Actions			
Civil Penalty Cases	0	0	0.00
Notice of Violations	0	0	0.31
Letters of Warning	3	5	3.00
Total Penalty Actions	3	5	3.31

* NOTE: Values represent all cases within the HSC jurisdiction during the period. Significant cases are detailed in the narrative.

** NOTE: Values represent an average month over a 36 month period for the specified category of information.

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Of the San Francisco Bay Region**

**Report of the
U.S. Army Corps of Engineers, San Francisco District
September 12, 2019**

1. CORPS O&M DREDGING PROGRAM

The following report covers the planned FY 2019 dredging program for San Francisco Bay. While this program is subject to change based on a number of variables, it is based on actual FY 19 appropriations including the FY 2019 Work Plan. Please refer to the Local Notice to Mariners for details of dredge operations.

FY 2019 DREDGING

- a. **SF Main Ship Channel** – FY 19 dredging was planned being planned with expected work originally forecast to be completed in June by Essayons. Maintenance and repairs have required Essayons to remain in dry-dock for longer than anticipated with a series of unanticipated maintenance issues. Based on additional time in repairs the number of days allocated to actual dredging on West Coast projects was reduced. **However, the Essayons reported to SF Main Ship Channel and began dredging on 19 July and demobilized on 31 July. Based on revised availability for the Essayons and remaining material above grade, the Essayons is being planned for a remobilization in early October for an additional 5-7 days.**
- b. **Richmond Inner Harbor** – The Richmond Inner Dredging Episode bids were opened on 29 April. Bid evaluations were conducted and the contract was awarded on 14 May to Curtin Maritime. Dredging commenced in mid-June and is expected to complete by end of September.
- c. **Richmond Outer Harbor (and Richmond Long Wharf)** –In alignment with last year’s proposal to alternate Hopper dredging between Pinole Shoals and Richmond Outer, dredging for Richmond Outer dredging was conducted with the Essayons and completed in November 2018. Richmond Outer is expected to be deferred in FY19.
- d. **Oakland Harbor** –The FY 19 Dredging contract is being accelerated to allow for additional placement time. On 21 June, the Division Counsel denied the Agency Protest and the contract was awarded on 24 June to Manson Dredging. **NTP was issued on July 9th and dredging is currently underway.**
- e. **Redwood City Harbor** – The 2019 dredging contract was planned as a partnership with the Coastal Conservancy in order to place material at a beneficial reuse site. All Environmental coordination including confirmatory sediment testing and analysis for suitability of planned upland placement has been approved. Contract awarded on 17 June to R.E. Staite. A public meeting was held on 26 July and was well received by the community. **The NTP was issued on 1 July and dredging is underway.**
- f. **San Pablo Bay (Pinole Shoal)** –In alignment with last year’s proposal to alternate Gov’t Hopper dredging Pinole will be dredged in 2019. **The Essayons demobilized from SF Main and finished dredging on 08 August.**

- g. **Suisun Bay Channel (and New York Slough)** – 2019 Clamshell contract was awarded to R.E. Staite on 17 July. Notice to Proceed was issued on 26 July. Dredging is expected to begin mid-September and complete mid-November.

2. DEBRIS REMOVAL – Debris removal for August 2019 was 27 tons. Dillard: 10 tons; other boats: 17 tons, including 5 abandoned vessels. Average for August from 2009 to 2018 is 40 tons (Range: 5-86.5 tons).

BASEYARD DEBRIS COLLECTION TOTALS:

MONTH	RACCOON	DILLARD	MISC	TOTAL
2019	TONS	TONS	TONS	TONS
JAN	55	0	78	133
FEB	40	0	50	90
MAR	40	29.5	15	84.5
APR	45	35	450	530
MAY	25	136	36	197
JUN	14.5	0	30	44.5
JUL	13.5	0	45	58.5
AUG	0	10	17	27
SEP	0	0	0	0
OCT	0	0	0	0
NOV	0	0	0	0
DEC	0	0	0	0

YR TOTAL
1,164.5

3. UNDERWAY OR UPCOMING HARBOR IMPROVEMENTS

None to report.

4. EMERGENCY (URGENT & COMPELLING) DREDGING

None to report.

5. OTHER WORK

San Francisco Bay to Stockton – The Draft Report & EIS was released on 10 MAY 19 and is going through concurrent public review, policy review and Agency Technical Review (ATR) through 24 JUN 19. USACE, the NFS, and related stakeholders held a public meeting on 11 JUN 19 for public comment.

The draft can be found at:

<http://www.saj.usace.army.mil/About/DivisionsOffices/Planning/EnvironmentalBranch/EnvironmentalDocuments.aspx>

HYDROGRAPHIC SURVEY UPDATE

Address of Corps' web site for completed hydrographic surveys:

<http://www.spn.usace.army.mil/Missions/Surveys,StudiesStrategy/HydroSurvey.aspx>

The following surveys are posted:

Alameda Point Navigation Chanel: Condition survey of June 6, 2019.

Berkeley Marina (Entrance Channel): Condition survey of July 17, 2019.

Islais Creek Channel: Condition survey of July 12, 2019.

Larkspur Ferry Channel: Condition survey of July 11, 2019.

Main Ship Channel: Condition survey of August 8 & 9, 2019.

Mare Island Strait: Condition survey of July 10, 2018.

Marinship Channel (Richardson Bay): Condition survey of August 6, 2019.

Napa River: Condition survey of July 10, 2019.

Northship Channel: Condition survey of June 27, 2019.

Oakland Inner Harbor: Condition survey of July 24-30, 2019.

Oakland Outer Harbor: Condition survey of July 31, 2019.

Petaluma River (Across-the-Flats): Condition survey of December 19, 2017.

Petaluma River (Main Channel): Condition survey of December 12-13, 2017.

Petaluma River (Extended Channel): Condition survey of March 19-26, 2018.

Pinole Shoal Channel: Condition survey of August 19-29, 2019.

Redwood City Harbor: Condition survey of May 24-28, 2019.

Richmond Inner Harbor: Condition survey of February 26, 2019.

Richmond Inner Harbor (Santa Fe Channel): Condition survey of December 20, 2016.

Richmond Outer Harbor (Longwharf): Condition survey of July 23, 2019.

Richmond Outer Harbor (Southampton Shoal): Condition survey of July 19, 2019.

Sacramento River Deep Water Ship Channel: Condition survey of August 7, 2019.

San Bruno Shoal: Condition survey of July 11, 2018.

San Leandro Marina (and Channel): Condition survey of March 30 and April 1, 2015.

San Rafael (Across-the-Flats): Condition survey of September 24, 2018.

San Rafael (Creek): Condition survey of September 24, 2018.

Stockton Ship Channel: Condition survey of March 26, 2019.

Suisun Bay Channel: Condition survey of May 16-20, 2019.

Suisun Bay Channel (Bullshead Reach): Condition survey of May 16-20, 2019.

Suisun Bay Channel (New York Slough): Condition survey of June 5, 2019.

Disposal Site Condition Surveys:

SF-08 (Main Ship Channel Disposal Site): Condition survey of June 11, 2019.

SF-09 (Carquinez): Condition survey of June 25, 2019.

SF-10 (San Pablo Bay): Condition survey of June 25, 2019.

SF-11 (Alcatraz Island): Condition surveys of July 3, 2019 and August 5, 2019.

SF-16 (Suisun Bay Disposal Site): Condition survey of April 26, 2019.

SF-17 (Ocean Beach Disposal Site): Condition survey of June 11, 2019.

Requested Surveys:

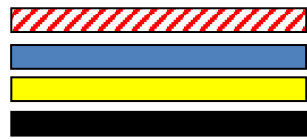
Pre/Post-dredge and condition surveys are scheduled to occur throughout the year for all of San Francisco District's in-bay projects which are planned to be dredged in FY19.

NEW WEB ADDRESS – USACE WORK PLAN:

<http://www.usace.army.mil/Missions/Civil-Works/Budget/>

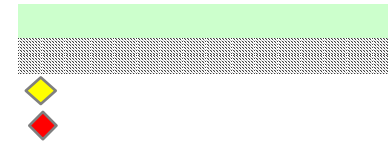
O&M DREDGING PLAN FOR FY19*

Projects	Bid Opening Award Date	FY 2020												Estimated CY	Dredge Type	Placement Site	
		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB					
Redwood City Harbor	22 May/17 Jun			◆	◆										616kcy	Clam Shell	SF-11
Richmond Inner Harbor	29 Apr/14 May	◆	◆												300kcy	Clam Shell	DODS/upland least cost
Combined Sac/San Joaquin	10 Jun/27 Jun			◆	◆										350kcy	Pipeline	Various Upland
Oakland Harbor	8 May/26 June		◆												750kcy	Clam Shell	DODS/upland
Suisun Bay Channel	28 Jun/17 Jul			◆	◆										132kcy	Clam Shell	SF-16
Crescent City	19 Jun /1 Jul			◆	◆										100kcy	Clam Shell/ PipeLine	Whaler/ HOODS
Hopper																	
SF Main Ship Channel	N/A						■			■					350kcy	Essayons	OBDS/ SF-8
San Pablo Bay/Mare Island Straight	N/A							■							200kcy	Essayons	SF-11/SF-10
Humboldt Bar & Entrance	N/A														1200kcy	Yaquina/ WCH	HOODS
Richmond Outer Harbor	N/A																



New SPN Contract including Mobilization
 Baseline
 West Coast Hopper Contract
 Government Dredge

Environmental Window
 Environmental Window Change
 Bid Opening
 Contract Award



* Program execution is based on the FY19 President's Budget, Workplan and Federal Standard plan for each project.

Date of Update: 10 September 2019



Harbor Safety Committee of the
San Francisco Bay Region Clearing House
c/o Marine Exchange of the San Francisco Bay Region
505 Beach Street, Suite 300
San Francisco, California 94133-1131
415-441-6600 fax 415-441-3080 hsc@sfmtx.org

San Francisco Clearinghouse Report

September 12, 2019

- ✎ In August the clearinghouse did not contact OSPR regarding any possible escort violations.
- ✎ In August the clearinghouse received 1 notification of a vessel arriving at the Pilot Station without escort paperwork.
- ✎ The clearinghouse has not contacted OSPR in 2019 regarding possible escort violations. The clearinghouse contacted OSPR 1 time in 2018 about a possible escort violation. The clearinghouse did not contact OSPR in 2017 about possible escort violations. The clearinghouse contacted OSPR 1 time in 2016 about a possible escort violation. The clearinghouse contacted OSPR 3 times in 2015 about possible escort violations. The clearinghouse contacted OSPR 5 times regarding possible escort violations in 2014. The clearinghouse contacted OSPR 1 time in 2013. The clearinghouse contacted OSPR 3 times in 2012 regarding possible escort violations, 3 times in 2011, 6 times in 2010, 8 time 2009; 4 times 2008; 9 times in 2007; 9 times in 2006; 16 times in 2005; 24 times in 2004; twice in 2003; twice in 2002; 6 times in 2001; 5 times in 2000.
- ✎ In August there were 99 tank vessel arrivals; 14 ATBs, 3 Chemical Tankers, 16 Chemical/Oil Tankers, 27 Crude Oil Tankers, 24 Product Tankers, and 15 Tugs with Barges.
- ✎ In August there were 279 total vessel arrivals.

San Francisco Bay Clearinghouse Report For August 2019

San Francisco Bay Region Totals

	<u>2019</u>		<u>2018</u>	
Tanker arrivals to San Francisco Bay	70		75	
ATB arrivals	14		14	
Barge arrivals to San Francisco Bay	15		14	
Total Tanker and Barge Arrivals	99		103	
Tank ship movements & escorted barge movements	337		336	
Tank ship movements	197	58.46%	202	60.12%
Escorted tank ship movements	160	47.48%	160	47.62%
Unescorted tank ship movements	37	10.98%	42	12.50%
Tank barge movements	140	41.54%	134	39.88%
Escorted tank barge movements	20	5.93%	25	7.44%
Unescorted tank barge movements	120	35.61%	109	32.44%

Percentages above are percent of total tank ship movements & escorted barge movements for each item.

Escorts reported to OSPR 0 0

Movements by Zone	Zone 1	%	Zone 2	%	Zone 4	%	Zone 6	%	Total	%
Total movements	207		335		0		142		684	
Unescorted movements	90	43.48%	156	46.57%	0	0.00%	61	42.96%	307	44.88%
Tank ships	70	33.82%	119	35.52%	0	0.00%	54	38.03%	243	35.53%
Tank barges	20	9.66%	37	11.04%	0	0.00%	7	4.93%	64	9.36%
Escorted movements	117	56.52%	179	53.43%	0	0.00%	81	57.04%	377	55.12%
Tank ships	108	52.17%	159	47.46%	0	0.00%	73	51.41%	340	49.71%
Tank barges	9	4.35%	20	5.97%	0	0.00%	8	5.63%	37	5.41%

Notes:

1. Information is only noted for zones where escorts are required.
2. All percentages are percent of total movements for the zone.
3. Every movement is counted in each zone transited during the movement.
4. Total movements is the total of all unescorted movements and all escorted movements.

San Francisco Bay Clearinghouse Report For 2019

San Francisco Bay Region Totals

	<u>2019</u>		<u>2018</u>	
Tanker arrivals to San Francisco Bay	508		787	
ATB arrivals	106		123	
Barge arrivals to San Francisco Bay	93		143	
Total Tanker and Barge Arrivals	601		1,053	
Tank ship movements & escorted barge movements	2,687		3,398	
Tank ship movements	1,519	56.53%	1,853	54.53%
Escorted tank ship movements	1,223	45.52%	1,458	42.91%
Unescorted tank ship movements	296	11.02%	395	11.62%
Tank barge movements	1,168	43.47%	1,545	45.47%
Escorted tank barge movements	165	6.14%	227	6.68%
Unescorted tank barge movements	1,003	37.33%	1,318	38.79%

Percentages above are percent of total tank ship movements & escorted barge movements for each item.

Escorts reported to OSPR 0 0

Movements by Zone	Zone 1	%	Zone 2	%	Zone 4	%	Zone 6	%	Total	%
Total movements	1,620		2,631		0		1,130		5,381	
Unescorted movements	730	45.06%	1,270	48.27%	0	0.00%	513	45.40%	2,513	46.70%
Tank ships	578	35.68%	979	37.21%	0	0.00%	458	40.53%	2,015	37.45%
Tank barges	152	9.38%	291	11.06%	0	0.00%	55	4.87%	498	9.25%
Escorted movements	890	54.94%	1,361	51.73%	0	0.00%	617	54.60%	2,868	53.30%
Tank ships	834	51.48%	1,204	45.76%	0	0.00%	554	49.03%	2,592	48.17%
Tank barges	56	3.46%	157	5.97%	0	0.00%	63	5.58%	276	5.13%

Notes:

1. Information is only noted for zones where escorts are required.
2. All percentages are percent of total movements for the zone.
3. Every movement is counted in each zone transited during the movement.
4. Total movements is the total of all unescorted movements and all escorted movements.



CALIFORNIA STATE LANDS COMMISSION

HARBOR SAFETY COMMITTEE MONTHLY REPORT - AUGUST COMPARISON

VESEL TRANSFERS

	Total Transfers	Total Vessels Monitored	Total Transfers Percentage
AUGUST 1 - 31, 2018	220	89	40.45
AUGUST 1 - 31, 2019	243	77	31.69

CRUDE OIL / PRODUCT TOTALS

	Crude Oil (D)	Crude Oil (L)	Overall Product (D)	Overall Product (L)	GRAND TOTAL
AUGUST 1 - 31, 2018	17,957,641		23,633,669	7,762,372	31,396,041
AUGUST 1 - 31, 2019	16,419,290		22,738,321	8,430,061	31,168,382

OIL SPILL TOTAL

	<u>TERMINAL</u>	<u>VESSEL</u>	<u>Total</u>	<u>Gallons Spilled</u>
AUGUST 1 - 31, 2018	0	0	0	0
AUGUST 1 - 31, 2019	0	0	0	0

Disclaimer:

Please understand that the data is provided to the California State Lands Commission from a variety of sources; the Commission cannot guarantee the validity of the data provided to it.

To: Harbor Safety Committee of the San Francisco Bay Region
Date: 12 September 2019
Subject: **Annual Update of Harbor Safety Plan**
From: Linda Scourtis

The State's Harbor Safety Committees are required to periodically update their plans for submittal to the OSPR Administrator. The Administrator subsequently determines whether to accept the revised Safety Plans.

The Committee will vote today whether to adopt an updated Executive Summary (enclosed with this memo), which highlights Committee activities since June 2018. Additionally, Chapter XI, Ferries, received minor revisions that will be included in the plan.

In addition to appendices updated by SFMX, appendices were revised by their responsible agencies and will be included in the plan once approved by the Administrator.

A note: over the years, the HSC has performed its plan updates on an annual basis. The Port of LA/LB, however, revises its plan as changes are made, thus providing a "living document," an approach presented at a previous meeting of this committee. Beginning with the upcoming plan year, SFMX will make available substantive changes, such as Best Maritime Practices, as they are approved by the HSC; working group activity reports will continue to be added to the plan on an annual schedule. We hope this will contribute to the Safety Plan's functionality.

Executive Summary 2018/2019

The Harbor Safety Committee continued its collaborative process to engage the maritime community in supporting navigation safety in the Bay, including reviewing the locations of the Bay's Critical Maneuvering Areas to confirm their continued applicability.

Also during 2018-2019:

- The Navigation Work Group initiated a discussion with NOAA on CATZOG and its impact on vessel passage planning in the Bay. Progress has been made between NOAA and USACE to have necessary data acquired in a manner consistent with NOAA's standards. The work group continues to monitor the issue.
- The Prevention through People Work Group chair formed a regional group for marina and harbors managers to discuss common issues such as abandoned watercraft and to receive training on compliance activities.
- The Dredging Issues Work Group monitored the San Francisco to Stockton deepening project and continued to act as a clearinghouse for dredging concerns of the regional maritime community.
- All PORTS IP modems were upgraded to maintain functionality and to improve connection to real-time marine condition reports.

The Committee also received a number of presentations related to a diverse range of topics including:

- An on-water trial of a hydrogen fuel cell powered ferry that is expected to begin transiting Bay Area passengers in October 2019;
- New regulations proposed by the CA Air Resources Board to extend at-berth powering requirements to tankers and Ro-Ro vessels in addition to container and cruise ships already covered. The State Board hearing is scheduled in December 2019;
- An overview of the Central and Northern California Ocean Observing System (CeNCOOS), which measures surface currents, temperature, water quality and waves; and
- A description of a new major league baseball stadium proposed to be developed in a marine terminal at the Port of Oakland.

See Appendix C, Annual Work Group reports, for activities conducted over the previous year.

STRATEGIES FOR STORMS, FLOODING & SEA LEVEL DEFENSE

Tuesday December 3, 2019 | 8:30 AM – 5:00 PM

Scott's Seafood (Jack London Square), 2 Broadway, Oakland, CA 94607



CONFERENCE AGENDA

7.30-8.45 Registration

8.45 Call To Order:

Propeller Club of Northern California, Stas Margaronis

9.00 Welcome:

- Elaine Forbes, Executive Director, Port of San Francisco
- Danny Wan, Acting Executive Director, Port of Oakland (Invited)
- Mario Cordero, Executive Director, Port of Long Beach

9.20 California Insurance Commissioner, Ricardo Lara (invited)

9.40 Storms, Flooding & Sea Level: Science and Impacts:

- U.S. Geological Survey, Patrick Barnard
- National Oceanographic and Atmospheric Administration (NOAA), Rob Cifelli
- U.C. Berkeley, Daniella Hirschfeld
- California Coastal Conservancy, Amy Hutzell
- San Francisco Estuary Institute, Warner Chabot

10.40 Break

11.00 California Ports & U.S. Navy Climate Adaptation Strategies:

- Port of San Francisco, Elaine Forbes
- Port of Long Beach, Justin Luedy
- Port of Redwood City, Kristine Zortman,
- Port of Hueneme, Kristin Decas (invited)
- Port of Los Angeles, Adrienne Newbold
- Port of Oakland, Jan Novak
- Port of San Diego, Phil Gibbons
- U.S. Navy Region Southwest, Garth Nagel

12:15 Lunch @ Scott's Seafood

with Keynote Speaker: Kate Gordon, Director, Governor's Office of Planning and Research

1:45 Emergency and Long-Range Planning

Moderator: Juliette Hart, U.S. Geological Survey. Panelists:

- Federal Emergency Management Agency (FEMA), Jesse Carpentier
- U.S. Army Corps of Engineers, Stu Townsley (invited)
- California State Lands, Jennifer Lucchesi
- California Coastal Commission, Carey Batha
- Bay Conservation and Development Commission, Jessica Fain
- California Department of Transportation, Tracey Frost

3:00 Break

3:15 Experiences From The Netherlands:

- Arcadis, Piet Dircke
- Deltares USA, Kees Nederhoff
- Port of Rotterdam, Joost de Nooijer
- University of Amsterdam, Lars de Ruig

4:30 Summary, Conclusion & Thank You: Stas Margaronis

6:00 Reception at Scott's Seafood