

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

Harbor Safety Committee of the San Francisco Bay Region
Thursday, October 11, 2018
California Maritime Academy, Richmond Maritime Safety & Security Center
756 West Gertrude Street, Richmond, 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 10:01.

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. Bob Carr (M), San Francisco Bar Pilots; Capt. Marie Byrd (A), United States Coast Guard; Ben Eichenberg (A), San Francisco Baykeeper; Jeff Ferguson (M), NOAA; Aaron Golbus (M), Port of San Francisco; Bob Gregory (M), Foss Maritime Company; Chris Hendry (M), Chevron Shipping Company; Capt. Thomas Kirsch (M), Blue and Gold Fleet; Andrew Marshall (M), Port of Benicia; Lt.Col. Travis Rayfield (M), US Army Corps of Engineers; Jeff Robbins (M), General Steamship Corporation; Julian Rose (M), Andeavor; 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 September 13, 2018 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 that this year's Fleet Week was very successful with 7,500 additional personnel and 35 local and state partners providing security for the event. Over 65 law enforcement vessels patrolled the bay and ferry security was increased. Catharine Hooper, Port of San Francisco



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Consultant, advised of the massive collaborative effort to support security and safety for Fleet Week and recognized the USCG Auxiliary and other participating agencies for their efforts. A question was asked about USCG boardings of commercial tugs. Capt. Byrd advised that boating safety was a priority with focus on both recreational and charter vessels. Commercial tugs with large numbers of passengers onboard were also subject to boarding and vessel inspection. Catherine Hooper advised that all personnel associated with Navy vessels were inspected. Capt. Byrd advised that Catharine Hooper was recognized by the Canadian consulate for her work with Fleet Week.

- Advised of a USCG MSIB issued regarding vessel air draft and overhead power lines. There were two recent incidents in which vessels struck power lines in the region.
- Advised of a USCG Safety Alert issued regarding a recent fatal gangway accident.
- Advised that Sector San Francisco anticipates sending personnel to assist with hurricane response.
- Advised that results from the El Faro investigation are being evaluated. Third party oversight and increased inspection enforcement are critical to prevention.
- LCDR Rebecca Deakin read from the September- 2018 Prevention/Response Report (attached).
 Several Letters of Warning were issued. A crane barge in the San Joaquin River hit PG&E power lines on September 14th.

Army Corps of Engineers Report- Lt.Col. Travis Rayfield

- Advised that emergency response was a focus during Fleet Week. USACE personnel have been deployed to Florida to assist hurricane recovery.
- Read from the US Army Corps of Engineers, San Francisco District Report (attached). The dredge
 Essayons is currently dredging the Richmond Outer Harbor. The contract protest for Richmond
 Inner Harbor dredging has been resolved. Pinole Shoal dredging is deferred but USACE will work
 with the Dredge Work Group on the issue. Debris removal numbers were above average for
 September. Work on the SF Bay to Stockton study is postponed due to Hurricane Florence
 response. The FY 2019 Work Plan is being developed.
- In response to a question from Capt. Korwatch, Catharine Hooper advised that the placement of ships in the Fleet Week Parade of Ships is determined primarily by seniority and berthing order.



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Clearinghouse Report- Marcus Freeling (report attached)

• Capt. Korwatch advised that there have been issues with vessels not submitting the required escort forms to the clearinghouse in a timely manner. The submission of escort forms is required for all escorted transits.

OSPR Report- Mike Zamora

- Advised that changes have been made to OSPR's inland regulations and a 15 day comment period starts today. The regulations will be finalized and resubmitted after the comment period.
- Announced that John Koeppen, owner/operator of fishing vessel Lulu, has been appointed to the HSC as alternate member representing commercial fishing. Term ends on October 10, 2021.
- Advised that Bob Gregory will be retiring and a replacement HSC member position representing tug operators is being advertised.

NOAA Report- Jeff Ferguson

- Advised that recent USACE surveys have been applied to NOAA charts.
- Advised that tide gauges in Bolinas Lagoon and Coyote Creek are being transferred to partner
 organizations and will no longer appear on the NOAA website. The data will still be available
 through the partner organizations.
- Advised that Coast Pilot 7 will include the International Inland Navigation Rules in Appendix B.
- Capt. Korwatch advised that she has been asked to give a presentation at the CeNCOOS meeting
 on November 14-15. The organization is interested in what meteorological data best helps
 mariners. Feedback is welcome. Jim Anderson advised that fisherman use meteorological
 information regularly and it would be beneficial to collaborate. Aside from PORTS, many
 stations are not centralized and data is on different sites. John Berge advised that funding was
 an issue.

State Lands Commission Report- Mike Moline

- Read from the State Lands Commission September Report (attached).
- Advised that Prevention First 2018 was a very successful event and thanked all who participated.
- Advised that State Lands is hiring Marine Safety Specialists.



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International Sailing Series Report- Remy Cross, LeadDog Marketing Group

Remy Cross, LeadDog Marketing Group, and the Sail GP team gave a presentation to the committee on the Sail GP sailboat racing event being planned for San Francisco in May, 2019 (slides attached). Event plans are officially public. Practice days are tentatively scheduled for April 30, 2019 and May 3, 2019 with the actual sailboat races to take place on May 4-5, 2019. A technical base will be set up on Treasure Island. The races will be conducted on the City Front Race Coarse from 11:00 – 16:00. An event village will be located at the Yacht Club Peninsula. Inflatable stake marks will be used to mark the race box. Shoreline traffic will not be allowed during the races unless absolutely necessary. The race box is smaller than that of the America's Cup. The USCG and local agencies will help provide enforcement for the event and a centralized control room will be established. A medical plan and safety boats will be in place. 2,500 – 5,000 spectators are expected. Feedback is welcome. LCDR Rebecca Deakin, USCG, advised that race plans are not finalized yet and a Notice of Proposed Rulemaking will need to be issued. Aaron Golbus suggested that a stakeholders meeting be scheduled to discuss race plans. Capt. Korwatch asked if permits have been received for the race. Remy Cross advised that all required permits have been submitted but not all have been issued yet. Catharine Hooper advised that May is a busy time for cruise ships which may be impacted by the event. Capt. Carr proposed that the Navigation Work Group hold a meeting on race planning and Capt. Korwatch approved. Meeting details will be provided. Ben Eichenberg advised that after event cleanup and pollution prevention are priorities.

Work Group Reports-

Tug Work Group- Bob Gregory advised that there was nothing to report

Navigation Work Group- Capt. Bob Carr advised that a Work Group meeting will be scheduled for Sail GP planning. Details will be provided by email.

Ferry Operations Work Group- Capt. Thomas Kirsch advised that there was nothing to report.

Dredge Issues Work Group- Julian Rose advised that Pinole Shoal dredging and channel depth are a continuing concern. Safety and economic issues must be balanced against environmental issues such as delta smelt protection. A condition survey is scheduled in late October.

PORTS Work Group- Nothing to report.



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Prevention through People Work Group- Nothing to report.

PORTS Report- Marcus Freeling

- Advised that the UP Railroad Bridge wind station is still offline due to bridge electrical issues.
 Efforts will continue to be made to determine the status of electrical cable repairs.
- Advised that PORTS IP modems are in the process of being upgraded to newer models. The upgrades should improve connection and maintain functionality of PORTS stations.
- Advised that data for the Southampton Shoal LB6 buoy mounted current sensor has been intermittent recently. A malfunctioning antenna or radio interference could be the cause and the issue will be addressed.
- Advised that a team from NOAA will be conducting the annual maintenance of SF PORTS tide stations next week.
- Advised that PORTS data is publicly available through NOAA's Tides and Currents website.
 Additionally, the Marine Exchange website is being updated to include more information about SF PORTS. www.sfmx.org

Public Comment-

- Aaron Golbus advised that the Port of San Francisco has several spaces available along the waterfront for maritime partners. Tours of the facilities will be given tomorrow, 10:00 13:00.
- Capt. Korwatch announced that the upcoming AMSC meeting will be held on October 16th at the Port of Oakland.
- It was announced that Navigating the Future will be held on October 31st at Shell Martinez. The event is a forum on LNG bunkering, refining, cyber security and safety. Information on the event is posted to the Marine Exchange website.
- Capt. Korwatch advised of an e-navigation conference scheduled for November 6-7 at Cal Maritime. A focus will be on autonomous vessels and information is posted to the Marine Exchange website.

Old Business- None



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New Business-

- John Berge advised that the five-year EPA Vessel General Permit covering discharges will not be renewed by the end of the year when the current permit is set to expire. Vessels operating under the current permit will be allowed to continue discharging until the permit is renewed.
- Capt. Korwatch advised that there will not be a December HSC meeting.
- Capt. Carr announced that the annual Bar Pilot party will be held on December 13th and includes a toy drive as usual.

Next Meeting-

1000-1200, November 8, 2018 Port of San Francisco, Pier 1, Bayside Conference Room The Embarcadero, San Francisco, CA

Adjournment-

A motion to adjourn was made and seconded. The motion passed without dissent and the meeting adjourned at 11:18.

Respectfully submitted:

Capt. Lynn Korwatch

SIGNIFICANT PORT SAFETY AND SECURITY CASES (SEPT 2018)

MARINE CASUALTIES

Loss of propulsion (08SEP18): A U.S. flag vehicle carrier experienced a loss of propulsion at Anchorage 8 while conducting propulsion tests. Technicians identified two air lines had been incorrectly installed, preventing the governor from working as designed. Repairs were made and the propulsion system was tested to Class satisfaction. Case closed.

Loss of propulsion (10SEP18): A U.S. flag small passenger vessel experienced a loss of propulsion while transiting in the San Francisco Bay. The port engine was brought back online and vessel proceeded to berth under power. Loss of propulsion was attributed to a failed alternator. Both alternators were replaced, propulsion was tested to Coast Guard satisfaction. Case closed.

Equipment Failure (12SEP18): A U.S. flag oil recovery vessel experienced a reduction of propulsion while transiting to Richmond. A technician identified the causative factor to be a loose connection within the throttle control. Repair was made and propulsion system was tested to Coast Guard satisfaction. Case closed.

Allision (14SEP18): A U.S. flag towing vessel pushing a crane barge in the San Joaquin river came into contact with 03 PG&E overhead power lines. The crane caught the power lines which fell into the waterway. San Joaquin sheriff and CG Station Rio Vista responded, but the tug was able to free itself. A Safety Marine Information Broadcast was broadcasted immediately and an Emergency Safety Zone was established in support of the emergency response operations. PG&E isolated the lines to effect repairs. Case Closed.

Equipment Failure (17SEP18): A foreign flag tank vessel notified the USCG that the vessel's emergency generator was unable to start automatically as originally designed. The vessel's class society placed a condition of class on the vessel while transiting in navigable waters. A COTP Order was issued requiring the vessel to provide a detailed plan outlining measures to be taken to meet these conditions while transiting in the San Francisco Bay. The COTP Order was lifted upon the vessel's departure from port. Case closed.

VESSEL SAFETY CONDITIONS

Vessel Detention, (08SEP18): A foreign flag container vessel was detained due to an inoperable emergency generator. Batteries servicing the emergency generator were renewed. Primary and secondary starts were tested to Coast Guard and Class satisfaction. The detention was lifted. Case closed.

NAVIGATIONAL SAFETY

Letter of Deviation (LOD), (08SEP18): A foreign flag tank vessel was issued an inbound letter of deviation for an inoperable Primary Marine Radar. Radar was repaired and tested with satisfactory results. Case closed.

Letter of Deviation (LOD), (09SEP18): A foreign flag tank vessel was issued an inbound letter of deviation for an inoperable Automatic Identification System (AIS). AIS was repaired and tested with satisfactory results. Case closed.

Letter of Deviation (LOD), (15SEP18): A foreign flag freight vessel was issued an inbound letter of deviation for an inoperable Gyrocompass. Gyrocompass was repaired and tested with satisfactory results. Case closed.

Letter of Deviation (LOD), (18SEP18): A foreign flag tank vessel was issued an outbound letter of deviation for an inoperable Secondary Marine Radar. Secondary Marine Radar was repaired and tested with satisfactory results. Case closed.

Letter of Deviation (LOD), (26SEP18): A foreign flag tank vessel was issued an inbound letter of deviation for an inoperable Secondary Marine Radar. Radar was repaired and tested with satisfactory results. Case closed.

SIGNIFICANT INCIDENT MANAGEMENT DIVISION CASES

Letter of Warning, (05SEP18): The owner of recreational vessel was removing fuel from his tanks and spilled approximately 1 gallon of diesel into the bilge. The bilge pump kicked on and discharged the diesel into the water at Emeryville Marina. The owner responded and conducted cleanup operations for the spilled diesel. Case closed.

Letter of Warning, (08SEP18): A recreational vessel discharged an unknown amount diesel from their bilge into Moss Landing Harbor. The harbor master responded with boom and owner conducted cleanup operations. Case closed.

Case Pends, (08SEP18): While fueling at the Oakland Marina, a CG vessel spilled approximately 6 gallons of diesel. The crew conducted clean up operations and noted that the diesel fuel line at the marina was leaking into the water. CG IMD personnel responded and had boom placed around the pipe. Due to overall disrepair of the diesel fuel line, an admin order was placed on the marina until the line was fixed. The harbor master replaced part of the pipe, however during a pressure test, the line proved to still be leaking. Additional repairs were made and the fuel dock was temporarily re-opened for 30 days.

Letter of Warning, (18SEP18): A commercial fishing vessel struck a rock near Golden Gate Bridge while transiting out to sea. The owner transited to Stinson Beach where he attempted to beach the vessel. When he was unable to beach the vessel, the owner began to transit through the narrow channel into the lagoon. A local fisherman assisted the owner to ensure he would not grounded himself in the channel. The owner tied the vessel off a seawall. CG IMD personnel arrived on scene and federalized the case in order to remove the threat of pollution from the environmentally sensitive lagoon. The owner later hired a salvage company to tow the vessel out of the lagoon. Case Closed

Letter of Warning, (21SEP18): A commercial fishing vessel discharged approximately 1 gallon of diesel from their bilge. Case closed.

PREVENTION / RESPONSE - SAN FRANCISCO HARBOR	SAFETY STA	ATISTICS	
September 2018			
PORT SAFETY CATEGORIES*	Sep-2018	Sep-2017	**3yr Avg
Total Number of Port State Control Detentions:	1	0	0.39
SOLAS (1), STCW (0), MARPOL (0), ISM (0), ISPS (0)			
Total Number of COTP Orders:	1	2	3.25
Navigation Safety (0), Port Safety & Security (1), ANOA (0)			
Marine Casualties (reportable CG 2692) within SF Bay:	6	10	9.58
Allision (0), Collision (0), Fire (0), Capsize (0), Grounding (1), Sinking (0)			
Steering (0), Propulsion (1), Personnel (2), Other (2), Power (0)			
Total Number of (routine) Navigation Safety issues/Letters of Deviation:	5	2	2.33
Radar (3), Gyro (1), Steering (0), Echo Sounder (0), AIS (1)			
ARPA (0), Speed Log (0), R.C. (0), Other (0)			
Reported or Verified "Rule 9" or other Navigational Rule Violations:	0	0	0.44
Significant Waterway events/Navigation related Cases:	0	0	0.39
Total Port Safety (PS) Cases opened	13	14	16.39
MARINE POLLUTION RESPONSE			
Pollution Discharge Sources (Vessels)	Sep-2018	Sep-2017	**3yr Avg
U.S. Commercial Vessels	0	1	0.67
Foreign Freight Vessels	0	0	0.08
Public Vessels	2	1	0.58
Commercial Fishing Vessels	2	0	0.44
Recreational Vessels	10	2	2.89
Pollution Discharge Sources (Facilities)			
Regulated Waterfront Facilities	0	0	0.08
Regulated Waterfront Facilities - Fuel Transfer	0	0	0.00
Other Land Sources	4	1	1.28
Mystery Spills - Unknown Sources	4	5	3.83
Number of Pollution Incidents within San Francisco Bay			
Spills < 10 gallons	14	5	3.81
Spills 10 - 100 gallons	0	0	0.97
Spills 100 - 1000 gallons	0	0	0.14
Spills > 1000 gallons	0	0	0.00
Spills - Unknown Size	8	5	5.03
Total Pollution Incidents	22	10	9.94
Oil Discharge/Hazardous Materials Release Volumes by Spill Size			
Estimated spill amount from U.S. Commercial Vessels	0.00	0.06	7.45
Estimated spill amount from Foreign Freight Vessels	0.00	0.00	8.50
Estimated spill amount from Public Vessels	6.00	0.25	2.57
Estimated spill amount from Commercial Fishing Vessels	2.00	0.00	7.40
Estimated spill amount from Recreational Vessels	2.00	3.00	20.94
Estimated spill amount from Regulated Waterfront Facilities	0.00	0.00	0.11
Estimated spill amount from Regulated Waterfront Facilities - Fuel Transfer	0.00	0.00	0.00
Estimated spill amount from Other Land Sources	1.00	1.00	10.50
Estimated spill amount from Unknown Sources (Mystery Sheens)	unk	unk	0.00
Total Oil Discharge and/or Hazardous Materials Release (Gallons)	11.00	4.31	57.48
Penalty Actions			
Civil Penalty Cases	0	0	0.00
Notice of Violations	0	0	0.25
Letters of Warning	4	0	2.47
Total Penalty Actions	4	0	2.72
* NOTE: Values represent all cases within the HSC jurisdiction during the period. Significant of	cases are detaile	ed in the narrat	iv e.

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

Harbor Safety Committee Of the San Francisco Bay Region

Report of the U.S. Army Corps of Engineers, San Francisco District October 11, 2018

1. CORPS O&M DREDGING PROGRAM

The following report covers the upcoming FY 2018 dredging program for San Francisco Bay. This program is subject to change based on a number of variables including final FY 2018 appropriations and Corps Work Plan. Please refer to the Local Notice to Mariner for details of dredge operations.

FY 2018 DREDGING

- **a. SF Main Ship Channel** Project is now being executed based on 2 dredging episodes, the first of which was completed by the Essayons on 6/6/18 with the second episode scheduled to start in October 2018 with the West Coast Hopper Contract as dredged by the Stuveysant.
- **b. Richmond Inner Harbor** FY 18 dredging contract was awarded on 4 September but a protest was received by the District thereby delaying mobilization. Extent of potential delays has not been determined. The protest is being assessed and future updates will address status. This action is still being worked.
- c. Richmond Outer Harbor (and Richmond Long Wharf) —In alignment with last year's proposal to alternate Hopper dredging, planned dredging for Richmond Outer will proceed with Essayons. Due to scheduling issue with the West Coast Hopper Contract the Essayons will perform the dredging with two Episodes. The first episode has been completed and the second episode is underway.
- **d.** Oakland Harbor The 2018 dredge cycle is expected to start in September with planned upland disposal through November. Contract has been awarded.
- **e. Redwood City Harbor** 2018 dredge cycle has been postponed to 2019. With Mob/Demob and limited carryover funds the projected contract was deemed to be less than cost efficient and the decision was made to plan for a larger scale maintenance dredging episode in alignment with the semi-annual cycle.
- **f.** San Pablo Bay (Pinole Shoal) –In alignment with last year's proposal to alternate Gov't Hopper dredging Pinole will be deferred in 2018.
- g. Suisun Bay Channel (and New York Slough) 2018 Clamshell cycle has been awarded and dredging is underway

2. DEBRIS REMOVAL – Debris removal for September 2018 was 59.5 tons. Raccoon: 20 tons; Dillard: 28.5 tons; other boats: 11 tons, including 4 abandoned vessels. Average for September from 2008 to 2017 is 34 tons (Range: 8.5-70.5 tons).

BASEYARD DEBRIS COLLECTION TOTALS:

MONTH	RACCOON	DILLARD	MISC	TOTAL
2018	TONS	TONS	TONS	TONS
JAN	45	0	50	95
FEB	20	18	50	88
MAR	20	46.5	17	83.5
APR	26	35.5	15	76.5
MAY	3	10	15	28
JUN	10	25	75	110
JUL	10	13.5	105	128.5
AUG	26	5	27	58
SEP	20	28.5	11	59.5
OCT	0	0	0	0
NOV	0	0	0	0
DEC	0	0	0	0

YR TOTAL
727

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 study is now being conducted by the Wilmington District to more efficiently match the study with available resources. Funding was allocated in the FY17 work plan. The Tentatively Selected Plan (TSP) milestone for Phase I (Western Reach) of the project was held on 29 June 2016 utilizing FY14 carryover funds. The recommended plan is to deepen the Phase I reach of the project from a depth of -35 feet to -38 feet MLLW. The final report is scheduled to be approved in February 2019. Additional funding was allocated to the project for FY18 and the schedule is being reassessed. The Wilmington team had intended to come out for a series of workshops on the study with stakeholders but preparation and response for Hurricane Florence postponed the workshops.

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 May 23, 2018. **Berkeley Marina (Entrance Channel):** Condition survey of July 9, 2018.

Islais Creek Channel: Condition survey of July 17, 2018. Larkspur Ferry Channel: Condition survey of July 9, 2018. Main Ship Channel: Condition survey of April 5, 2018. Mare Island Strait: Condition survey of July 10, 2018.

Marinship Channel (Richardson Bay): Condition survey of December 7, 2017.

Napa River: Condition survey of May 9-10, 2018. **Northship Channel:** Condition survey of June 29, 2018.

Oakland Entrance Channel (Reach 1A-1C): Post-dredge surveys of January 17 & 19, 2018.

Oakland Inner Harbor: Condition survey of June 14, 2018. **Oakland Outer Harbor:** Condition survey of June 15, 2018.

Petaluma River (Across-the-Flats): Condition survey of September 12-14, 2014. 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 July 23-26, 2018. **Redwood City Harbor:** Condition survey of February 7-8, 2018. **Richmond Inner Harbor:** Condition survey of June 26, 2018.

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

Richmond Outer Harbor (Longwharf): Condition survey of August 7, 2018.

Richmond Outer Harbor (Southampton Shoal): Condition survey of August 7, 2018. **Sacramento River Deep Water Ship Channel:** Condition survey of May 17-21, 2018.

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 May 14-17, 2018. **Suisun Bay Channel:** Condition survey of May 31 & June 1, 2018.

Suisun Bay Channel (Bullshead Reach): Condition survey of April 19, 2017.

Suisun Bay Channel (New York Slough): Condition survey of May 31 & June 1, 2018.

Disposal Site Condition Surveys:

SF-08 (Main Ship Channel Disposal Site): Condition survey of May 3, 2018.

SF-09 (Carquinez): Condition survey of September 17, 2018.

SF-10 (San Pablo Bay): Condition survey of September 17, 2018.

SF-11 (Alcatraz Island): Condition survey of August 28, 2018.

SF-16 (Suisun Bay Disposal Site): Condition survey of July 3, 2018.

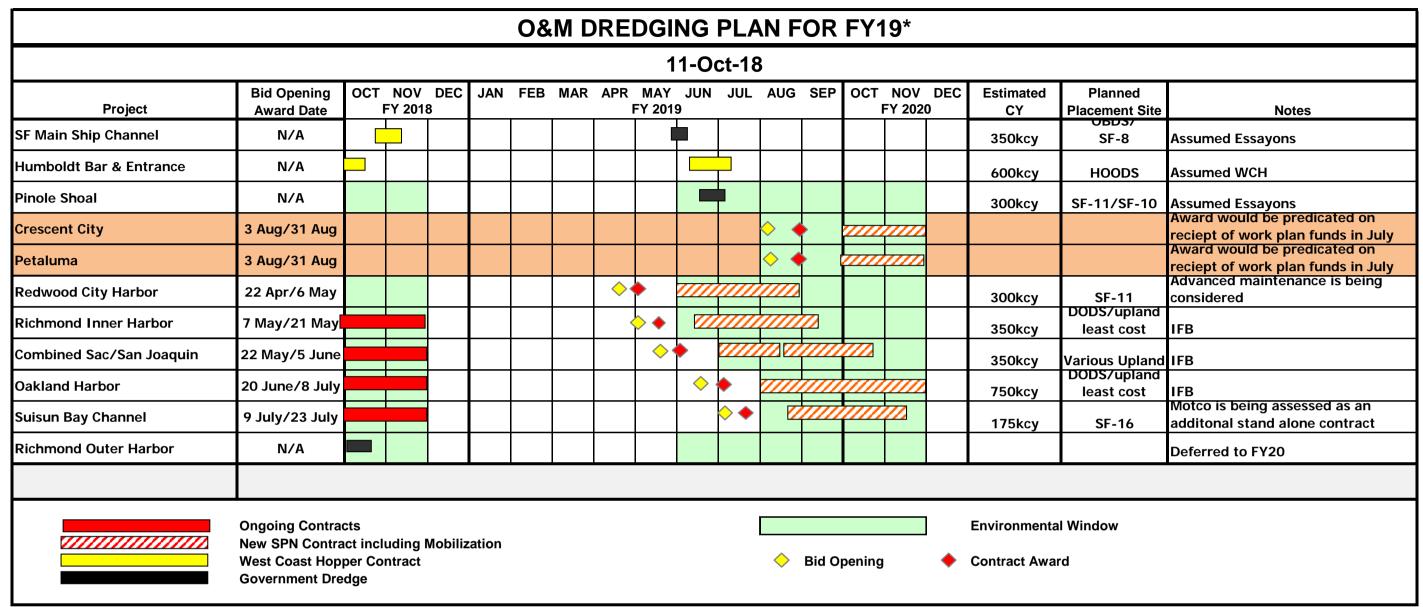
SF-17 (Ocean Beach Disposal Site): Condition survey of May 4, 2018.

Requested Surveys:

Pre/Post-dredge and condition surveys are scheduled to occur thru November for all of San Francisco District's in-bay projects which are planned to be dredged in FY18/FY19.

NEW WEB ADDRESS - USACE WORK PLAN:

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



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

Date of Update:

10/10/2018



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@sfmx.org

San Francisco Clearinghouse Report

October 11, 2018

- In September the clearinghouse did not contact OSPR regarding any possible escort violations.
- In September the clearinghouse did not receive any notifications of vessels arriving at the Pilot Station without escort paperwork.
- The clearinghouse has contacted OSPR a total of 1 time in 2018 regarding possible escort violations. 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 September there were 88 tank vessel arrivals; 11 ATBs, 3 Chemical Tankers, 16 Chemical/Oil Tankers, 32 Crude Oil Tankers, 15 Product Tankers, and 11 Tugs with Barges.
- In September there were 277 total vessel arrivals.

San Francisco Bay Clearinghouse Report For September 2018

San Francisco Bay Region Totals

	<u>2018</u>		2017	
Tanker arrivals to San Francisco Bay	66		72	
ATB arrivals	11		13	
Barge arrivals to San Francisco Bay	11		12	
Total Tanker and Barge Arrivals	88		97	
Tank ship movements & escorted barge movements	261		316	
Tank ship movements	163	62.45%	190	60.13%
Escorted tank ship movements	133	50.96%	159	50.32%
Unescorted tank ship movements	30	11.49%	31	9.81%
Tank barge movements	98	37.55%	126	39.87%
Escorted tank barge movements	12	4.60%	19	6.01%
Unescorted tank barge movements	86	32.95%	107	33.86%

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	176		254		0		117		547	
Unescorted movements	71	40.34%	113	44.49%	0	0.00%	47	40.17%	231	42.23%
Tank ships	54	30.68%	83	32.68%	0	0.00%	42	35.90%	179	32.72%
Tank barges	17	9.66%	30	11.81%	0	0.00%	5	4.27%	52	9.51%
Escorted movements	105	59.66%	141	55.51%	0	0.00%	70	59.83%	316	57.77%
Tank ships	101	57.39%	129	50.79%	0	0.00%	66	56.41%	296	54.11%
Tank barges	4	2.27%	12	4.72%	0	0.00%	4	3.42%	20	3.66%

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 2018

San Francisco Bay Region Totals

	2018		2017	
Tanker arrivals to San Francisco Bay	584		797	
ATB arrivals	92		146	
Barge arrivals to San Francisco Bay	102		150	
Total Tanker and Barge Arrivals	686		1,093	
Tank ship movements & escorted barge movements	2,822		3,562	
Tank ship movements	1,541	54.61%	2,075	58.25%
Escorted tank ship movements	1,221	43.27%	1,618	45.42%
Unescorted tank ship movements	320	11.34%	457	12.83%
Tank barge movements	1,281	45.39%	1,487	41.75%
Escorted tank barge movements	168	5.95%	218	6.12%
Unescorted tank barge movements	1,113	39.44%	1,269	35.63%

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	1,759		2,746		0		1,201		5,706	
Unescorted movements	817	46.45%	1,386	50.47%	0	0.00%	543	45.21%	2,746	48.12%
Tank ships	670	38.09%	1,075	39.15%	0	0.00%	494	41.13%	2,239	39.24%
Tank barges	147	8.36%	311	11.33%	0	0.00%	49	4.08%	507	8.89%
Escorted movements	942	53.55%	1,360	49.53%	0	0.00%	658	54.79%	2,960	51.88%
Tank ships	859	48.83%	1,195	43.52%	0	0.00%	602	50.12%	2,656	46.55%
Tank barges	83	4.72%	165	6.01%	0	0.00%	56	4.66%	304	5.33%

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.

HARBOR SAFETY COMMITTEE MONTHLY REPORT - SEPTEMBER COMPARISON

VESSEL TRANSFERS

	Total Transfers	Total Vessels Monitored	Total Transfers Percentage	
SEPTEMBER 1 - 30, 2017	214	74	34.58	
SEPTEMBER 1 - 30, 2018	201	88	43.78	

CRUDE OIL / PRODUCT TOTALS

	Crude Oil (D)	Crude Oil (L)	Overall Product (D)	Overall Product (L)	GRAND TOTAL
SEPTEMBER 1 - 30, 2017	16,911,000		22,691,745	6,222,839	28,914,584
SEPTEMBER 1 - 30, 2018	15,185,000		19,385,893	6,244,594	25,630,487

OIL SPILL TOTAL

	TERMINAL	VESSEL	Total	Gallons Spilled
SEPTEMBER 1 - 30, 2017	1	0	1	LCO - 25 Gallons
SEPTEMBER 1 - 30, 2018	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.

SAILGP

PRACTICE DAYS | 11:00 - 15:00

- Tentatively schedule for Tuesday, April 30th and Friday, May 3rd
- Looking to pick 2x dates with lightest traffic
- Could adjust practice racing times slightly and/or stop practice racing when/if needed to let a commercial ship through

RACE DAYS

- The Race Box should not impact any commercial vessels as there are traffic lanes north, east and west of the course
- There are windows throughout the day when <u>if</u>
 <u>absolutely necessary</u>, commercial vessels could use a restricted traffic lane south of the Race Box along the shore
 - Before the start (11AM-12PM)
 - 5 minutes between Races
 - 15 minutes after the end of Races (2PM)

11:00 - 16:00 Active Race Box

11:18 - 12:13 Dock Out and Crew Training

12:00 - 14:00 Race Window

12:13 - 12:33 Fleet Race

12:33 - 12:49 Break between Race (approx. 16 min)

12:49 - 13:09 Fleet Race

13:09 - 13:25 Break between Race (approx. 16 min)

13:25 - 13:45 Final Race

13:45 - 13:55 Return to Dock



SAN FRANCISCO | APRIL & MAY 2019

ON WATER OPERATIONS PLAN



- A new annual sailing league featuring the world's best sailors racing in 50' foiling catamarans.
- The inaugural season will start in 2019, with six teams and five events in global, iconic cities. the first event would be staged in Sydney Australia.
- The ambition of the International Sailing Series is to grow to ten events and ten teams by its third year, providing long term stability as a professional sailing series.
- The San Francisco event would feature two official practice days followed by two race days over a weekend. The races will be scheduled over a two hour broadcast window in the afternoon.









ON WATER IMPACT TENTATIVE SCHEDULE

PRACTICE DAYS

- Tentatively schedule for Tuesday, April 30th and Friday, May 3rd
- Looking to pick 2x dates with lightest traffic
- Could adjust practice racing times slightly and/or stop practice racing when needed to let a commercial ship through

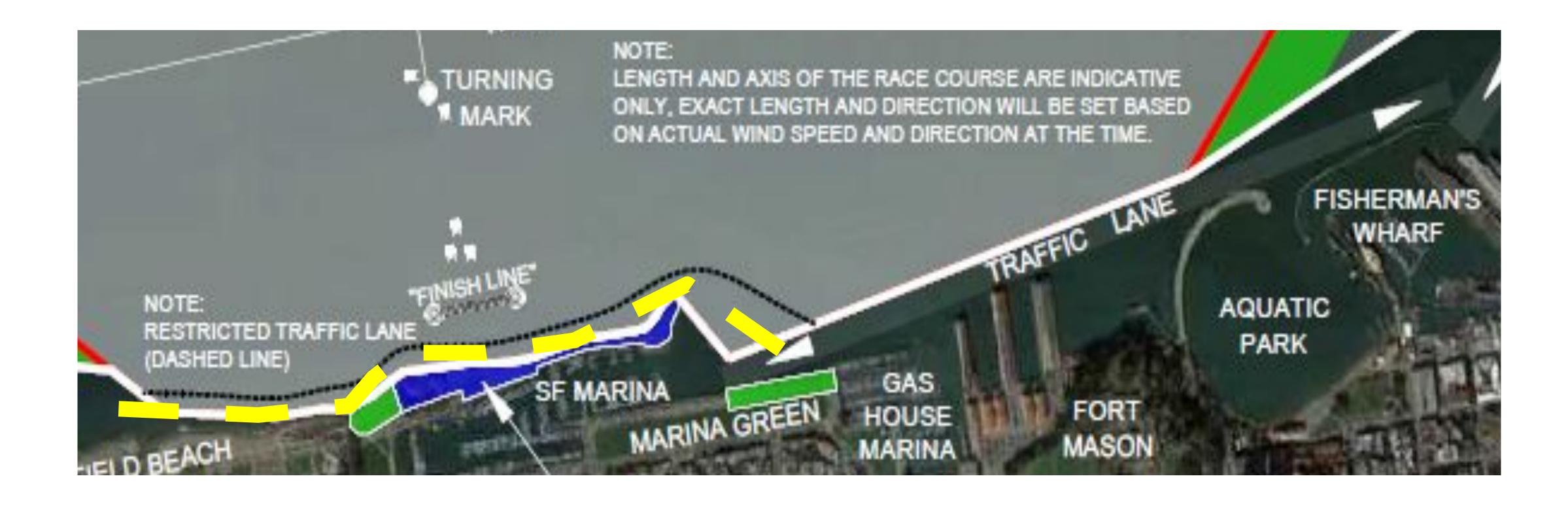
11:00 - 15:00 Active Race Box

ON WATER IMPACT TENTATIVE SCHEDULE

RACE DAYS	11:00 - 16:00	Active Race Box
The Race Box should not impact any commercial vessels as there are traffic	11:18 - 12:13	Dock Out and Crew Training
lanes north, east and west of the course.	12:00 - 14:00	Race Window
There are windows throughout the day	12:13 - 12:33	Fleet Race
when <u>if absolutely necessary, commercial</u> vessels could use a restricted traffic lane	12:33 - 12:49	Break between Race (approx. 16 min)
south of the Race Box along the shore	12:49 - 13:09	Fleet Race
 Before the start (11AM-12PM) 5 minutes between Races 	13:09 - 13:25	Break between Race (approx. 16 min)
 15 minutes after the end of Races (2PM) 	13:25 - 13:45	Final Race
	13:45 - 13:55	Return to Dock

ON WATER IMPACT TENTATIVE SCHEDULE

Restricted traffic lane south of the Race Box along the shore



RACE BOX LOGISTICS

- In order to deliver high quality races in a fair, safe, timely and professional manner, the race course must be set up in a protected race box, exclusive to the race yachts and a limited number of accredited vessels. The race box will be set up and managed by Race Management (RM).
- The race box will be demarcated by a series of approximately 12 large, orange, inflatable "stake marks" along the perimeter.
- Only boats with an official flag are allowed to enter and operate within the race box. Any vessel that does not have an official flag shall stay outside of the stake marks delineating the race box.
- The stake marks will be set as early as practical by the RM course marshals to give public boaters an idea of where they can spectate from; however, the stake marks may need to be repositioned if the course shifts, in which case the course marshal will relocate the spectator fleet accordingly.

- The race box will be patrolled one hour before the race broadcast window begins and up to 30 minutes after the conclusion of racing.
- The Regatta Director, lain Murray, is in charge running the races. The Regatta Director designs the race course and his team of mark layers move and set the turning marks as required
- Additionally, the Regatta Director oversees all race box operations, including:
 - TV boats
 - Press boats
 - Guest chasers
 - Umpires
 - VIP areas
 - Safety operations

ON WATER SAFETY PLANNING & SUPPORT

SAFETY PRECAUTIONS

- Race Management will be responsible for authorized vessels and activity within the Race Box.
- The USCG and supporting law enforcement agencies will focus on the safety of spectator craft and mariners outside of the Race Box.
- UHF Radio communication with all Race Yachts and Support Boats
- Monitoring relevant Marine VHF channels (transit/ferries/harbour & Emergency)
- Event Control Room on shore to monitor all on water operations with broadcast footage, Race box and assets map, radio communications with all on water assets (during practice sailing as a single point of contact and during race days)
- Agencies invited to provide liaison officers during racing and to attend a readiness Exercise to provide assurance and testing approx 4 days out from the event
- On Water Safety Manager for planning and liaison
- All On Water Spectators (OWS) will be registered and Sail GP will be in direct communication throughout planning and race days

ON WATER SAFETY

PLANNING & SUPPORT

SUPPORT BOATS

- Team Support Boats (6) includes EMT & Diver per boat
- Rescue Boat (1) Command Center in case of incident
- Local Safety Boats (2) for Spectator Zones
- Mark Boats (3)
- Race Course Marshals (15)
- Race Committee Boat (1)
- →Umpire (1)
- Medical Response Boat (1)
- Guest Chaser (3)
- → Press/Media Boats (4)





- ⋆ Team Support Boats (6)
- Mark Boats (3)
- + Stake Boats (12)
- → Race Course Marshals (15)
- → Race Committee Boat (1)
- Umpire (1)
- → Medical Response Boat (1)

© EXTRACTION POINT

To be confirmed – Gas House Cove
 Marina

GROUND CONTROL

 Ambulances and medical teams TBD provider

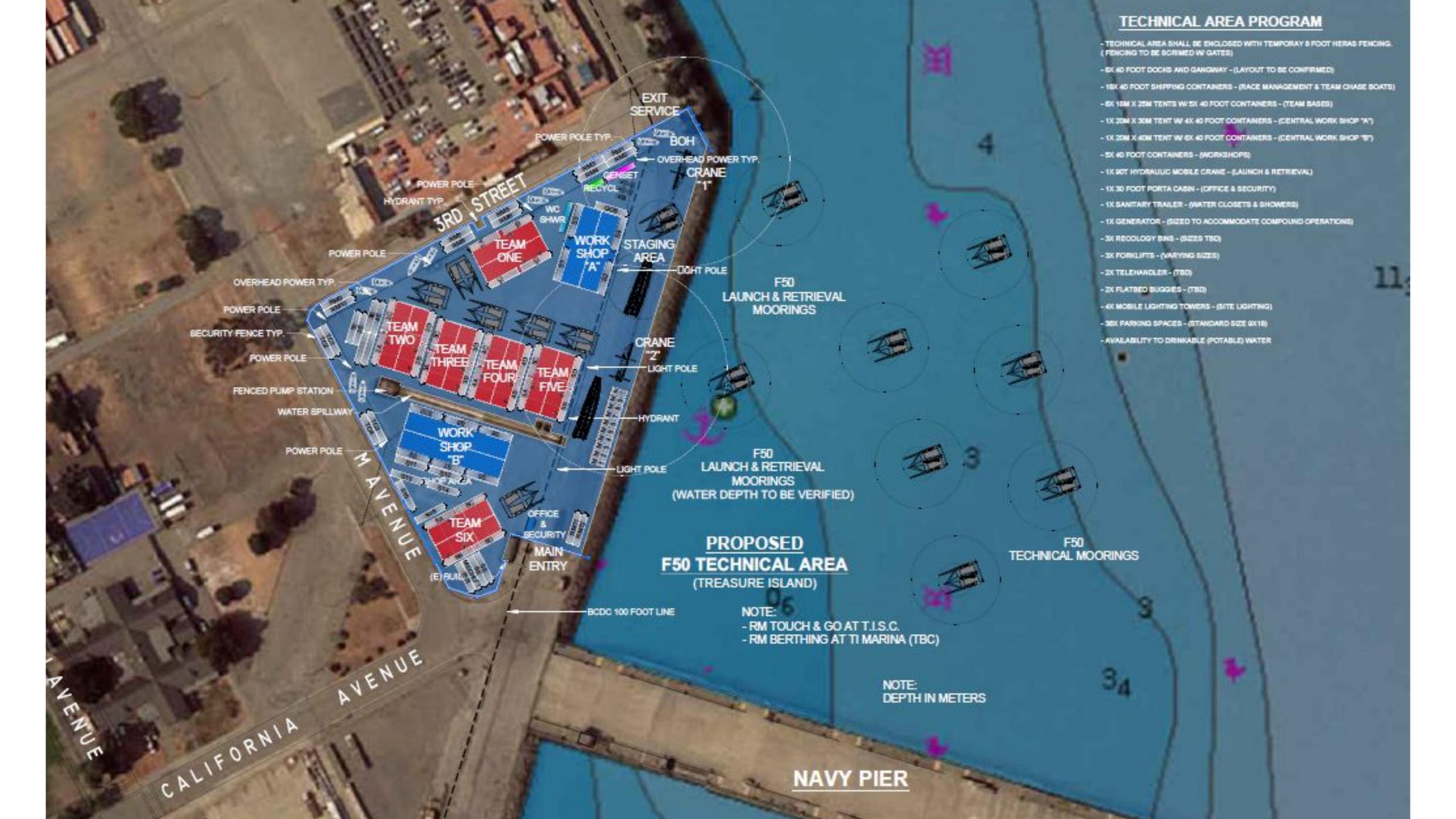
HOSPITALS

- San Francisco General
- UCSF Medical Center
- California Pacific Medical
 Center
- Kaiser



- Incident Reports
 - League will provide Event
 Control Services including
 radio communications, event
 control room and incident
 report tracking.





RACE YACHT STAGING

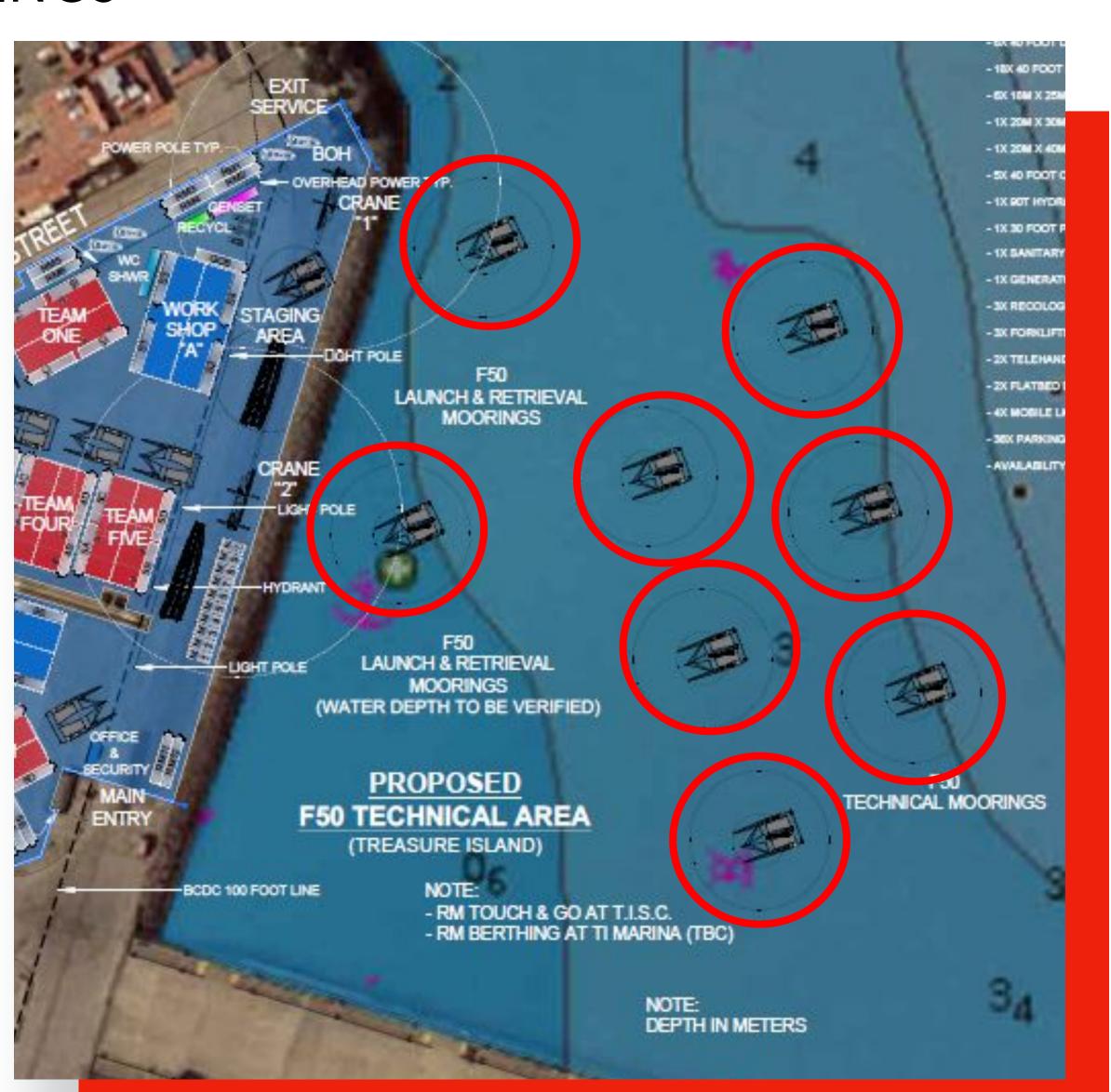
- Timeline: April 1st May 15th
- Treasure Island will host the Tech Area where the yachts are assembled
- The six competing teams and Race Management operation teams will be setup in this Tech Area
- The area will include a crane to drop and host the boats in and out of the water.



TREASURE ISLAND MOORINGS

Timeline: April 1st – May 15th

→ Total Moorings: 8



SF MARINA MOORINGS

Timeline: May 1st – May 6th

→ Total Moorings: **7**



F50 MOORING SPECIFICATIONS

- AC50 Drogue Conical 1500lt:
- Dimensions Base Dia 1.5m x Top Dia 0.3m x Height
 2.0m
- Capacity 1,500lt
- Fabric Heavy duty 40oz Polyurethane (orange)
- Details
 - 1 x inflation/deflation valve
 - 1 x 50mm fill/discharge fitting with cap
 - 2 x reinforcing for S/S load plates
 - 2 x 10mm S/S plates c/w 16mm D & internal webbing strop SWL 4000kg



