

SAN FRANCISCO DISTRICT FY 2017 DREDGING PROGRAM

WEDA PACIFIC CHAPTER
2016 ANNUAL MEETING
SAN DIEGO, CALIFORNIA

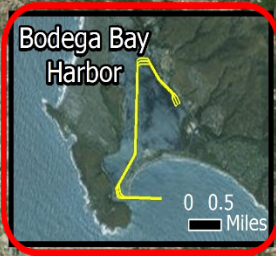
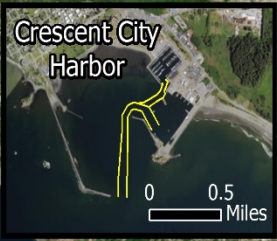
Mr. Al Paniccia
Navigation Program Manager
19 October 2016

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**SACRAMENTO RIVER
DEEP WATER SHIP
CHANNEL**



**STOCKTON
DEEP WATER SHIP
CHANNEL**

**PINOLE
SHOAL**

**SUISUN BAY CHANNEL
NEW YORK SLOUGH**

**RICHMOND
HARBOR**

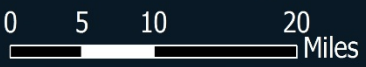
**SAN FRANCISCO HARBOR
MAIN SHIP CHANNEL**

**OAKLAND
HARBOR**

**REDWOOD CITY
HARBOR**



San Francisco District Navigation Projects Overview



Petaluma River
Napa River
Mare Island

San Rafael Creek
Larkspur
West Richmond Channel

San Bruno Shoal
Oyster Point
San Leandro Marina

Pillar Point



Courtesy of eCoastal GIS
USACE San Francisco District

FY 2017 New Contracts

- Bodega Bay
- Humboldt Bar & Entrance (WCH contract)
- Richmond Inner Harbor
- Redwood City Harbor
- Suisun Bay Channel
- Sacramento River (30 Ft Project)
- San Joaquin River, Port of Stockton



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FY 2017 Government Hopper

- Richmond Outer Harbor
- San Pablo Bay (Pinole Shoal)
- San Francisco Main Ship Channel



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HUMBOLDT BAR & ENTRANCE



- New Contract: West Coast Hopper contract from Portland District
- Contractor: TBD
- Volume: Est 750 KCY
- Disposal: HOODS
- Env Window:
15 Mar to 30 Sep



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BODEGA BAY



- New Contract:
Clamshell
- Contractor: TBD
- Volume: Est 75 KCY
- Disposal: SF-DODS
- Env Window:
1 Jul to 1 Oct



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SF MAIN SHIP CHANNEL



- Gov't. Hopper
- Contractor: N/A
- Volume: Est 350 KCY
- Disposal: OBDS/SF-17
- Env Window: N/A



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RICHMOND HARBOR



Richmond Outer Harbor

- Gov't. Hopper
- Contractor: N/A
- Volume: Est 250 KCY
- Disposal: SF-11
- Env Window:
1 Jun to 30 Nov

Richmond Inner Harbor

- New Contract:
Clamshell
- Contractor: N/A
- Volume: Est 350 KCY
- Disposal: SF-DODS
- Env Window:
1 Jun to 30 Nov



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OAKLAND HARBOR



- Existing Contract: Clamshell
- Contractor: Dutra
- Volume: Est 600 KCY
- Disposal: SF-DODS
- Env Window:
1 Aug to 30 Nov



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REDWOOD CITY HARBOR



- New Contract:
Clamshell
- Contractor: TBD
- Volume: Est 350 KCY
- Disposal: SF-11
- Env Window:
1 Jun to 30 Nov



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SAN PABLO BAY (PINOLE SHOAL)



- Gov't Hopper
- Contractor: N/A
- Volume: Est 150 KCY
- Disposal: SF-9/SF-10
- Env Window:
1 Jun to 30 Nov



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SUISUN BAY CHANNEL



- New Contract:
Clamshell
- Contractor: TBD
- Volume: Est 175 KCY
- Disposal: SF-16
- Env Window:
1 Aug to 30 Nov



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SACRAMENTO RIVER (30 FT PROJECT)



- New Contract:
Pipeline
- Contractor: TBD
- Volume: Est 100 KCY
- Disposal: Various
- Env Window:
1 Aug to 30 Nov



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SAN JOAQUIN RIVER, PORT OF STOCKTON



- New Contract:
Pipeline
- Contractor: TBD
- Volume: Est 300 KCY
- Disposal: Various
- Env Window:
1 Aug to 30 Nov



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FY 2017 DREDGING PLAN

O&M DREDGING PLAN FOR FY17*

Project	District	Bid Open & Award Dates	2016			2017												Volume	Placement Site	Notes	
			OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC				
			FY 2017												FY 2018						
Humboldt Bar & Entrance	SPN/NWP	Jan/Feb 2017 Jan/Feb 2017																WCH Contract	750kcy	HOODS	West Coast Hopper Contract
Noyo Harbor	SPN	N/A N/A																	15kcy	Upland	Pipeline
Bodega Bay	SPN	May 2017 Jun 2017																	75kcy	SF-DODS	Clamshell
SF Main Ship Channel	SPN/NWP	N/A N/A																ESSAYONS	350kcy	OBDS/ SF-8	Gov't Hopper
Richmond Inner Harbor	SPN	Apr 2017 May 2017																	350kcy	SF-DODS	Clamshell
Richmond Outer Harbor	SPN/NWP	N/A N/A																ESSAYONS	250kcy	SF-11	Gov't Hopper
Oakland Harbor	SPN	N/A N/A																	600kcy	SF-DODS	Clamshell, Option to Contract
Redwood City Harbor	SPN	Jun 2017 Jul 2017																	350kcy	SF-11	Clamshell
Pinole Shoal	SPN/NWP	N/A N/A																ESSAYONS	150kcy	SF-10	Gov't Hopper
Suisun Bay Channel	SPN	Jun 2017 Jul 2017																	175kcy	SF-16	Clamshell
Sacramento River (30 Ft)	SPN	May 2017 Jun 2017																	100kcy	Various Upland	Pipeline
San Joaquin, Port of Stockton	SPN	Jun 2017 Jul 2017																	300kcy	Various Upland	Pipeline



Ongoing Contracts



New SPN Contract



West Coast Hopper Contr



Gov't Dredge



Environmental Window

* Program execution is based on the FY17 President's Budget and Federal Standard

Updated: 10/13/2016



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QUESTIONS?

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