

RICHARDSON'S BAY REGIONAL AGENCY

Thursday, August 21, 2014

5:30 P.M. to 7:00 P.M.

Sausalito City Council Chambers 420 Litho Street Sausalito, CA

PUBLIC COMMENT IS INVITED CONCERNING EACH AGENDIZED ITEM PURSUANT TO THE BROWN ACT. PLEASE LIMIT YOUR COMMENTS TO THREE (3) MINUTES.

AGENDA

5:30 P.M. CALL TO ORDER - ROLL CALL

1. Minutes of May 15, 2014 Meeting
2. Review report of Harbor Administrator
3. Approval of prior expenditures for May - August 2014
4. Winter water quality test results
5. Vessel Census 2014 results
6. Vessel registration program update
7. Public comments invited concerning items NOT on this Agenda (3-minute limit)
8. Staff comments
9. Board member matters

NEXT MEETING: Tentatively planned for October 16, 2014. Board members please review your calendars and advise Staff as to your availability.

A COMPLETE AGENDA PACKET IS AVAILABLE FOR VIEWING ON THE RBRA WEBSITE <http://rbra.ca.gov> , AND AT THE SAUSALITO CITY LIBRARY.

TO RECEIVE AN ELECTRONIC MEETING NOTICE, PLEASE EMAIL REQUEST TO DON ALLEE AT dallee@co.marin.ca.us

RICHARDSON'S BAY REGIONAL AGENCY

MEMORANDUM

August 15, 2014

TO: RBRA Board

FROM: Ben Berto, RBRA Clerk

SUBJECT: August meeting

Board members:

There are a number of interesting items for the Board's consideration. The first relate to the anchorage: a report on the results of this year's vessel survey, and the latest status on the registration/documentation program.

Also of interest are the water quality results from the wet weather testing. As has been the trend in recent years, overall water quality is very good, with some spikes following rain events due to landside runoff. Richardson's Bay isn't exporting any water quality problems anywhere.

A minor matter has to do with a change in County of Marin policies concerning insurance for private vehicles used for business purposes. Staff is recommending that the RBRA Board determine that it is acceptable for the Harbor Administrator, who uses his personal vehicle on RBRA business on a daily basis, be reimbursed for the cost of additional insurance covering that RBRA use. Since technically the Harbor Administrator is an employee of the County, the County is the additional insured.

Fiscal Year 2013-2014 has ended, and as the pie chart demonstrates, RBRA was very close to the approved budget in both revenues and expenditures.

Former RBRA Boardmember Tom Cromwell is retiring from public service. As of this posting, Staff is not aware of whether the City of Belvedere has replaced Tom, so he may attend the RBRA one last time. Although Tom only briefly served as a RBRA Boardmember, Staff appreciated his participation and informed perspective. Tom, best wishes on wherever future plans take you.

I will see the remaining Boardmembers, with the exception of member Wachtel, next Thursday.

RICHARDSON'S BAY REGIONAL AGENCY

MINUTES OF MAY 15, 2014

HELD AT SAUSALITO CITY HALL CHAMBERS

MEMBERS PRESENT: Kate Sears (Marin County); Ken Wachtel; (Mill Valley); Herb Weiner (Sausalito); Erin Tollini (Tiburon)

ABSENT: Thomas Cromwell (Belvedere)

STAFF: Bill Price (Harbor Administrator); Ben Berto (RBRA Clerk)

ADDITIONAL: Chief Jennifer Tejada (Sausalito Police Department); Lt. Scott Anderson, Marin County Sheriff's Department, Leslie Alden (Aide to Supervisor Sears)

Meeting called to order at 5:30 PM.

Minutes of March 20, 2014 Meeting

Minutes were approved.

Review report of Harbor Administrator

Mr. Price began by announcing the new 5 year license to operate at the Army Corps of Engineers Base Yard, which is a vital location for the RBRA. He also gave an update on the tugboat "Respect" project. He noted that the CalRecycle grant billing is moving ahead without hiccups; we are receiving regular reimbursements from them. He also indicated that they were covering the removal of a 50' concrete sailboat impounded by the RBRA as part of the "Respect" project, which would save the RBRA budget approximately \$50K.

He reported on the pursuit of a grant through the Oil Spill and Response Agency (OSPR) that will bring a trailer full of oil spill boom and absorbent materials to Richardson's Bay. He also spoke to the wet weather water tests which had just been completed, and said that the results were predictable in that the rainy days showed considerable spikes in the storm drain locations. Compiled results were not available at the time. Also, the Water Board did not participate in the tests since they didn't have a laboratory contract and couldn't process their samples.

Mr. Price relayed to the Board that the Turney Street dock would be undergoing a reconfiguration due to the need for an ADA compliant ramp. The City of Sausalito has been working on this project and Member Weiner explained the work further.

Prior expenditures

The expenditure report was accepted unanimously.

Vessel Registration Enforcement – Discussion and Resolution

Mr. Berto started the discussion by reporting the recent census results had indicated a growing number of vessels (approximately 210 in 2014). He pointed out that a large percentage of them were out of registration. Many of these vessels were last registered in 2013, and 60% were reported in poor condition or worse. He related a recent experience by the Harbor Administrator who had been chasing for three months with success an owner of a 2007 vessel found drifting in the bay. Mr. Berto advised that with this program in place we would have a tool to manage the anchorage. He mentioned our good relationship with law enforcement and felt that the program was ready to go after one more meeting with the subcommittee to look at the appeal process to ensure consistency.

In discussions regarding costs for the program, it was determined that most of the extra costs would be reimbursed through grants. Mr. Berto had contacted the insurance company and they were supportive, and he reported on our meeting with the anchor-outs held at the regular Sausalito PD / anchor-out community meeting. He also laid out the plan to post notifications on all expired registration vessels in June 2014.

Chair Sears thanked Chief Tejada, Lt. Anderson, and Staff for making this key program a priority and developing it, and she said she was happy to have the baseline census information that has been collected over the years. Member Tollini asked what happens if a vessel is out of registration less than a year, and Mr. Berto replied that we were blanketing the 2013 vessels with notices but that while they could be cited now, under the law they could not be towed away until January 2015. Chair Sears expressed the need to track this program carefully and Mr. Berto responded that it was a central goal to track actions and results, which would show attrition rates accurately.

Chair Sears asked that the Board pass the resolution so Staff could go start cleaning up the anchorage. The resolution passed unanimously.

Public Comments

None

Staff Comments

Mr. Berto brought up the recent hacking of our RBRA website and said that steps were made to address the issue, but he felt it would pose a problem in the future and might take extra funds to create a secure site.

Board Member Matters

None

The meeting was adjourned at 6:05 PM.

NOTE: The next meeting of the RBRA is tentatively scheduled for **July 17, 2014 at 5:30 PM** at the Sausalito City Hall Chambers.

RICHARDSON'S BAY REGIONAL AGENCY

HARBOR ADMINISTRATOR'S REPORT

August 13, 2014

WORKING RELATIONSHIPS

- **Boating and Waterways** –The VTIP Grant for turned in vessels in FY 14/15 is tentatively approved for \$12,500. We had requested \$15,000. 2) The operations and maintenance grant has been spent down completely (expecting a check for \$16,801) and a new grant application is going through review. This new application includes funds to repower the “Waste Aweigh” pump-out vessel.
- **Cal Recycle** – The tugboat “Respect” was finally removed August 4th. Unfortunately, the project cast a shadow on RBRA’s operations, which we are still recovering from.
- **Corps of Engineers** – Clearing yard for the annual Art Festival. Working with new leadership to cement our relationship and clear up some lingering issues with sub-contractors
- **Office of Spill Prevention and Response** – Expecting to complete paperwork on the grant to store a fully deployable oil spill trailer in Sausalito. The only other trailer is currently located in Bolinas Lagoon, so the new trailer offers the capability to quickly address Richardson’s Bay emergency spills.

DEBRIS REMOVAL

- Disposed of 23 vessels. 5 vessels are currently awaiting demolition
- 2 boats are currently impounded

RAPID RESPONSE

- 3 vessels recovered and secured

WATER QUALITY

- 2014 Dry Weather testing cycle begins in October. State Water Board will participate since they finally have a lab contract.
- Working with contractors at the Corps of Engineers to maintain a solid absorbent boom around the tugboat project area to contain the residual oil that might escape.
- Met with Sausalito city official and Harbormaster at Bridgeway Marine Corporation to discuss allegations of tenants pumping directly into the Bay. Marina is going to institute a mandatory pump-out program and install a pump-out facility.

OTHER

- Working with Sea trek Kayak and the Bay Model to secure used dock sections to place at the pier location for future use
- Still working with Cass Gidley Marina to remove and dispose old dock sections and rebuild dock already in place
- Completed 2014 vessel census and retrieved all ownership data. Compiled and distributed to police, sheriff and Coast Guard.
- Patrol vessel “Mud Puppy” in shop for annual maintenance. SPD still splitting costs on O. & M. Applying for a new patrol boat hull now, to be constructed in 2016 if approved.

Richardson Bay Regional Agency

RBRA Vessel Disposal List May - August 2014

Date	Name	Type	Amount	Condition	Location
5/17/2014	Marhefka	28' wooden powerboat	1893.75	VTIP	SF Marina \$\$
5/20/2014	Pollock	40' wooden powerboat	5900.00	VTIP	Pier 39 \$\$
5/23/2014	Friendship	20' f/g sailboat	1,435.00	sinking/abnd - CalRecycle	Sausalito anchorage
5/24/2014	Wings of Angels	38' wooden sailboat	3,008.08	abandoned - CalRecycle	Sausalito anchorage
5/30/2014	Chloe	37' wooden powerboat	4175.00	abandoned - CalRecycle	Sausalito harbor
5/30/2014	Good Vintage	746' wooden powerboat	8553.08	VTIP	San Rafael
5/31/2014	Zydeco	30' f/g sailboat	2247.50	adrift/abnd - CalRecycle	Sausalito anchorage
6/10/2014	Alma	29' f/g sailboat	1,592.61	sunken/abnd - CalRecycle	Sausalito anchorage
6/21/2014	Chrysler	15' f/g runabout	753.66	VTIP	Sausalito
6/21/2014	Crestliner	18' f/g runabout	2,439.95	sunken/abnd - CalRecycle	Belvedere shoreline
6/27/2014	Elco	40' wooden powerboat	11,603.75	sunken/abnd - CalRecycle	Sausalito anchorage
6/28/2014	Colonial	37' woodn powerboat	1,600.15	abandoned - CalRecycle	Sausalito harbor
7/2/2014	Beachcraft	19' f/g runabout	453.24	VTIP	Sausalito
7/2/2014	Reinell JK	21' f/g runabout	530.00	VTIP	Sausalito anchorage
7/14/2014	Aldebaran	60' ferrocement sailboat	25,296.79	abandoned - CalRecycle	Sausalito anchorage
7/14/2014	Hermana	63' wooden powerboat	25,241.45	abandoned - CalRecycle	San Rafael/Sausalito
7/19/2014	August Sol	20' f/g sailboat	1,026.34	abandoned - CalRecycle	Sausalito harbor
7/19/2014	Un Un	30' f/g sailboat	2,803.35	abandoned - CalRecycle	Sausalito anchorage
7/21/2014	Fairliner	32' wooden powerboat	4,100.00	abandoned - CalRecycle	Sausalito harbor
7/25/2014	Formula	26' f/g powerboat	3,500.00	VTIP	Sausalito
8/16/2014	BelCal*	25' f/g sailboat	1,500.00	VTIP	Sausalito
8/16/2014	Indifference*	37' f/g sailboat	4,172.00	abandoned - CalRecycle	Sausalito anchorage
8/19/2014	Erin*	40' steel sailboat	6,395.00	abandoned - CalRecycle	Sausalito harbor

23 vessels total \$ 120,220.70

* indicates estimated invoices

\$\$ indicates 10% invoice paid by outside party

RBRA - BALANCE SHEET

May 10 - August 10, 2014

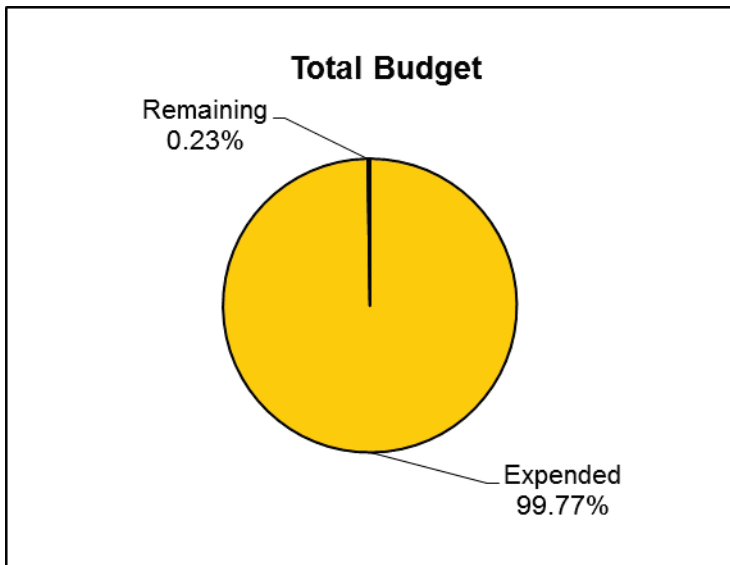
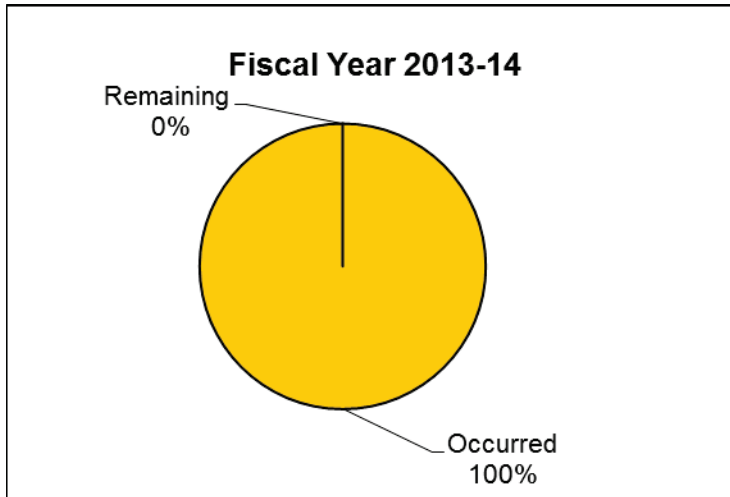
DATE	COST CENTER	DESCRIPTION	REVENUES
5/13/2014	Bldgs & Grounds Rent	Mooring rental	-150.00
5/13/2014	Bldgs & Grounds Rent	Mooring rental	-150.00
5/21/2014	Sales and Services	Reimbursement - boat disposal	-460.00
6/19/2014	Bldgs & Grounds Rent	Mooring rental	-150.00
6/26/2014	Bldgs & Grounds Rent	Mooring rental	-150.00
6/26/2014	Bldgs & Grounds Rent	Mooring rental	-1,000.00
7/3/2014	City Contribution	Marin County annual dues	-107,106.00
6/30/2014	State - Grant	CalRecycle Grant Reimbursement	-69,732.91
6/30/2014	State - Grant	Pump-out Grant Reimbursement	-8,292.95
7/16/2014	Bldgs & Grounds Rent	Mooring rental	-150.00
7/16/2014	Bldgs & Grounds Rent	Mooring rental	-150.00
6/30/2014	Int on Pooled Invst	Interest payment	-38.96
7/23/2014	City Contribution	Mill Valley annual dues	-12,601.00
TOTAL			-200,131.82

			EXPENDITURES
5/16/2014	Laboratory Services	Solano Co. - Wet Weather Water tests	1,360.00
5/13/2014	Rent - Equip Rental	Hertz Equipment rental - backhoe rental	996.01
5/13/2014	Rent - Off Space	Sausalito Shipyard - Slip rental	425.00
5/16/2014	Laboratory Services	Solano Co. - Wet Weather Water tests	1,320.00
5/14/2014	Prof Svcs - Other	Alexander - Website services	260.00
5/20/2014	Com Srvc - Cell Phon	AT&T - Mobile service	76.95
5/21/2014	HazMat Clean Up	HMA - asbestos inspection	545.00
5/21/2014	Prof Svcs - Legal	Legal services - County Counsel	1,076.25
5/21/2014	Prof Svcs - Other	Day labor	150.00
5/27/2014	Prof Svcs - Other	San Rafael Yacht Harbor - boat disposal	5,900.00
5/27/2014	Prof Svcs - Other	Wedlock - pre-disposal survey	235.00
5/27/2014	HazMat Clean Up	HMA - asbestos inspection	475.00
6/3/2014	Com Srvc - Broadband	AT&T - Broadband	40.00
6/3/2014	Com Srvc - Broadband	AT&T - phone/fax line	45.44
6/3/2014	Trav-Meals	Crew Lunch - Safeway	25.05
6/3/2014	Trav-Meals	Crew lunch - Tommy's Wok	26.60
6/3/2014	Trav-Meals	Mollie Stone - Water test Ice	6.68
6/3/2014	Trav-Meals	Safeway - Crew water	6.74
6/3/2014	Oth Maintenance	West Marine - boat parts	9.74
5/27/2014	Prof Svcs - Other	Day labor	150.00
5/30/2014	Rent - Off Space	Schoonmaker Point Marina - slip rental	411.00
5/30/2014	Rent - Off Space	Schoonmaker Point Marina - slip rental	160.00
5/30/2014	Rent - Off Space	Schoonmaker Point Marina - slip rental	243.00
5/30/2014	Rent - Off Space	Libertyship Way - Dry storage	240.00
6/11/2014	Prof Svcs - Other	San Rafael Yacht Harbor - boat disposal	7,500.00
5/28/2014	HazMat Clean Up	HMA - asbestos inspection	350.00
5/30/2014	HazMat Clean Up	Bay Cities - Debris removal services	950.15
5/29/2014	Prof Svcs - Other	MT Head - pump-out services	375.00
6/10/2014	Rent - Equip Rental	Hertz Equipment rental - backhoe rental	865.50
5/29/2014	Rent - Off Space	ICB - Office rental	420.00
6/11/2014	Prof Svcs - Other	San Rafael Yacht Harbor - boat disposal	3,700.00
6/11/2014	Prof Svcs - Other	EMS - pump-out services	200.00
5/31/2014	ProfServ-CntySalRe	Other - Chrgs for Cur Svcs - Miscellaneous	11,529.98
6/5/2014	Trav-Meals	Crew lunch	46.44
6/5/2014	Trav - Mileage	Mileage - Harbormaster	103.04
6/5/2014	Oth Maintenance	Tools at Home depot, Harbor Freight	126.11
6/10/2014	Rent - Equip Rental	Hertz Equipment rental - backhoe rental	608.50

6/11/2014	Prof Svcs - Other	San Rafael Yacht Harbor - boat disposal	1,200.00
6/19/2014	Prof Svcs - Other	Parker Diving - boat salvage	1,931.25
6/18/2014	HazMat Clean Up	Bay Cities - Debris removal services	941.90
6/19/2014	Com Srvc - Cell Phon	AT&T - Mobile service	79.08
6/25/2014	Rent - Equip Rental	Hertz Equipment rental - backhoe rental	1,113.01
6/19/2014	Prof Svcs - Other	Dave's Diving - Recover anchor	200.00
6/24/2014	HazMat Clean Up	HMA - asbestos inspection	725.00
6/30/2014	HazMat Clean Up	American Textile - absorbent materials	703.08
6/30/2014	Com Srvc - Broadband	AT&T - Broadband	40.00
6/30/2014	Com Srvc - Broadband	AT&T - phone/fax line	45.54
6/30/2014	Rent - Off Space	Clipper Yacht Harbor - slip rental	82.00
6/30/2014	Trav-Meals	Saylor's - Crew lunch	22.45
6/30/2014	Trav-Meals	Safeway - Zip locks for posting	15.22
6/30/2014	Publicat & Legal Not	SailFlow - annual internet wind analysis	99.95
6/24/2014	Prof Svcs - Other	Day labor	150.00
6/25/2014	HazMat Clean Up	Bay Cities - Debris removal services	380.90
7/2/2014	Rent - Off Space	Schoonmaker Point Marina - slip rental	411.00
7/2/2014	Rent - Off Space	Schoonmaker Point Marina - slip rental	243.00
7/2/2014	Rent - Off Space	Schoonmaker Point Marina - slip rental	160.00
7/2/2014	Rent - Off Space	Libertyship Way - Dry storage	240.00
6/30/2014	Rent - Equip Rental	Hertz Equipment rental - backhoe rental	603.66
6/27/2014	Prof Svcs - Other	Wedlock - pre-disposal survey	235.00
6/27/2014	Prof Svcs - Other	Wedlock - pre-disposal survey	235.00
6/30/2014	HazMat Clean Up	HMA - asbestos inspection	685.00
6/27/2014	Prof Svcs - Other	Day labor	100.00
6/27/2014	HazMat Clean Up	HMA - asbestos inspection	350.00
6/30/2014	Professional Svcs	Misc Rev - Other	42,716.00
6/30/2014	Prof Svcs - Other	Parker Diving - boat salvage	5,983.75
6/30/2014	Prof Svcs - Other	Parker Diving - boat salvage	856.25
6/30/2014	Prof Svcs - Other	Parker Diving - boat salvage	2,850.00
6/30/2014	Prof Svcs - Other	MT Head - pump-out services	400.00
6/30/2014	Prof Svcs - Other	EMS - pump-out services	225.00
6/30/2014	ProfServ-CntySalRe	Other - Chrgs for Cur Svcs - Miscellaneous	17,294.97
6/30/2014	Rent - Off Space	Clipper Yacht Harbor - slip rental	250.00
6/30/2014	Trav-Meals	Panda Express - crew lunch	30.58
6/30/2014	Printing Supplies	JCX Expendables - Gaffer's tape	92.36
6/30/2014	Oth Maintenance	Tools, keys, boat parts	134.20
6/30/2014	Oil & Gas Outside	Clipper Fuel Dock - patrol boat fuel	163.90
6/30/2014	HazMat Clean Up	Bay Cities - Debris removal services	531.85
6/30/2014	Rent - Equip Rental	Hertz Equipment rental - backhoe rental	618.30
7/8/2014	Prof Svcs - Other	Diego Truck - Haul boat to dump	530.00
7/9/2014	Rent - Off Space	ICB - Office rental	420.00
7/15/2014	HazMat Clean Up	Marin Resource Recovery Center - hazmat disposal	591.75
7/15/2014	Publicat & Legal Not	Marin IJ - Legal notice fees	751.60
6/30/2014	Prof Svcs - Other	San Rafael Yacht Harbor - boat disposal	4,700.00
7/11/2014	HazMat Clean Up	Parker Diving - boat salvage	2,730.00
7/11/2014	HazMat Clean Up	HMA - asbestos inspection	705.00
7/18/2014	Maint & Rep Su - Oth	Hirschfeld McCormick - engine repair	1,335.78
6/30/2014	Prof Svcs - Legal	Legal services - County Counsel	1,947.50
6/30/2014	Com Srvc - Cell Phon	AT&T - Mobile service	77.08
7/15/2014	Prof Svcs - Other	Parker Diving - boat salvage	305.00
7/15/2014	Prof Svcs - Other	Parker Diving - boat salvage	6,176.45
7/15/2014	Prof Svcs - Other	Parker Diving - boat salvage	3,296.79
7/15/2014	HazMat Clean Up	HMA - asbestos inspection	350.00
7/18/2014	Prof Svcs - Other	Wedlock - pre-disposal survey	235.00
7/22/2014	Prof Svcs - Other	Dave's Diving - Mooring inspection	100.00
7/18/2014	Prof Svcs - Other	Martin Bros. - Boat disposal	14,000.00
7/18/2014	Prof Svcs - Other	Martin Bros. - Boat disposal	22,000.00
7/22/2014	Prof Svcs - Other	Day labor	150.00

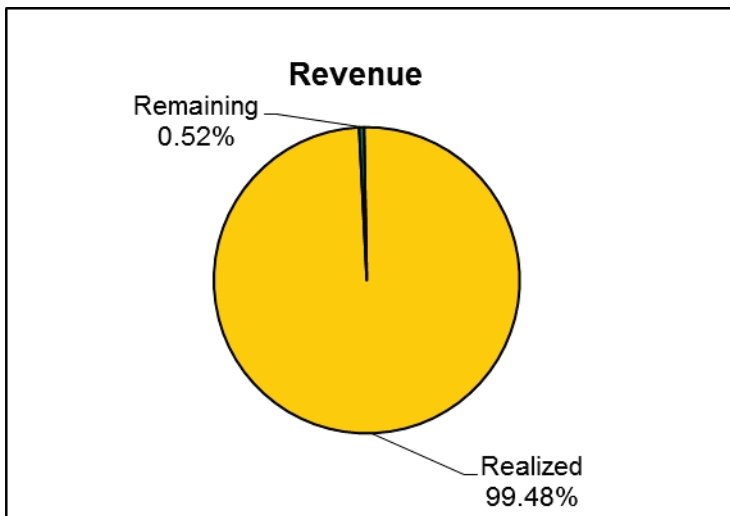
7/22/2014	Prof Svcs - Other	San Rafael Yacht Harbor - boat disposal	3,500.00
7/25/2014	Prof Svcs - Other	Dave's Diving - Boat cleaning	85.00
7/23/2014	HazMat Clean Up	HMA - asbestos inspection	350.00
7/30/2014	HazMat Clean Up	West Contra Costa Landfill - boat disposal	453.24
7/30/2014	Oth Maintenance	Boat parts, camera batteries	84.13
8/6/2014	Prof Svcs - Other	EMS - pump-out services	212.50
8/6/2014	Prof Svcs - Other	MT Head - pump-out services	375.00
8/6/2014	Rent - Off Space	ICB - Office rental	420.00
8/6/2014	Prof Svcs - Other	Dave's Diving - Rapid Response	350.00
8/6/2014	Prof Svcs - Other	Parker Diving - Rapid Response	1,814.38
8/6/2014	Prof Svcs - Other	Parker Diving - Rapid Response	352.50
TOTAL			192,496.08

Percent of Budget and Percent of FY2013-2014 as of June 30, 2014



Expenditures vs. Adopted Budget

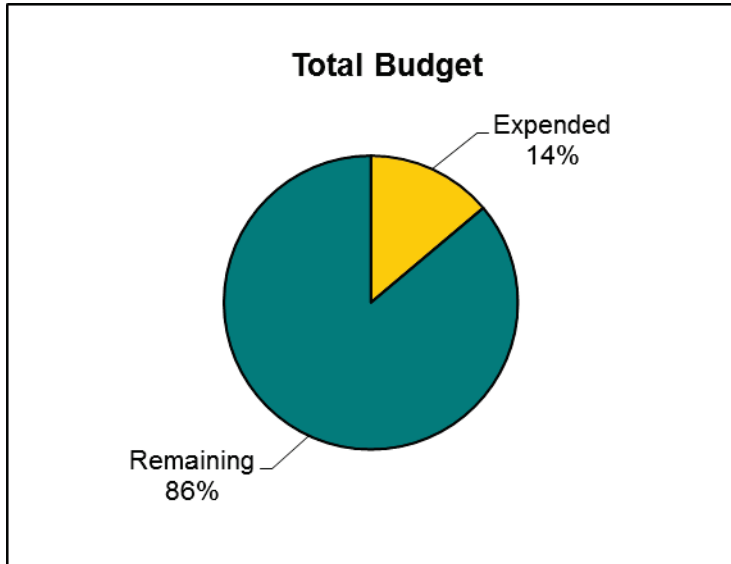
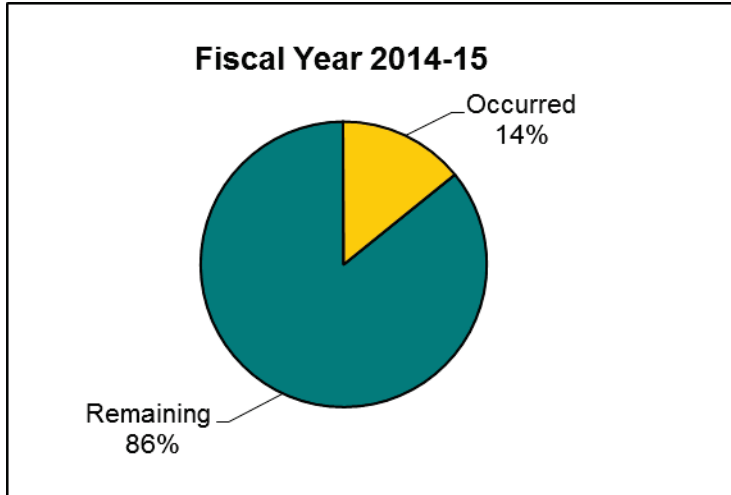
Expenditures	\$470,567
Adopted Budget	\$471,672



Realized Revenue vs. Budgeted Revenue

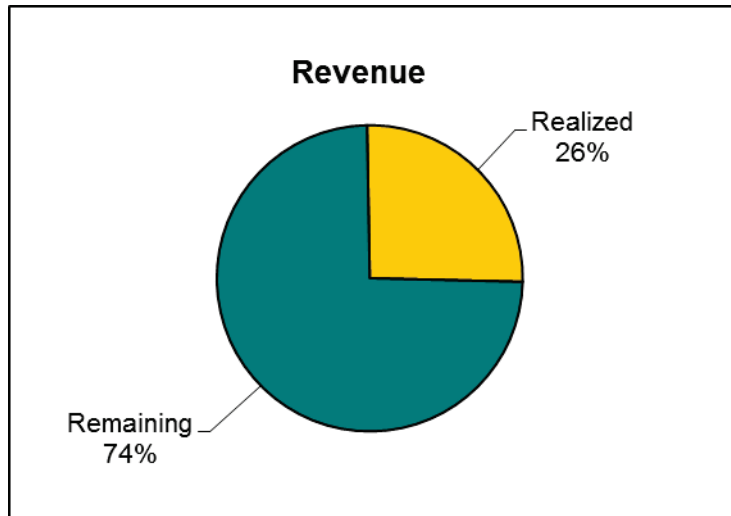
Realized Revenue	\$469,201
Budgeted Revenue	\$471,673

Percent of Budget and Percent of Year as of August 12, 2014



Expenditures vs. Adopted Budget

Expenditures	\$ 64,761
Adopted Budget	\$467,548



Realized Revenue vs. Budgeted Revenue

Realized Revenue	\$120,007
Budgeted Revenue	\$467,813

DRY SEASON

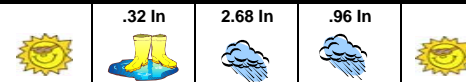
	Single Sample					30 Day Geo Mean
Total Coliform Not To Exceed	10,000					1000
E. coli Not to Exceed	235					126
Fecal Coliform Not to Exceed	400					200
Enterococcus Not to Exceed	104					35

Rain Totals for the week prior to testing



WET SEASON

	Single Sample					30 Day Geo Mean
Total Coliform Not To Exceed	10,000					1000
E. coli Not to Exceed	235					126
Fecal Coliform Not to Exceed	400					200
Enterococcus Not to Exceed	104					35



WALDO POINT GATES COOP Station #41	11-Sep-13	18-Sep-13	25-Sep-13	2-Oct-13	8-Oct-13	8-Oct-13
Total Coliform 10,000 / 1000	1720	3873	448	2382	784	1410
E. coli 235 / 126	189	98	75	389	109	143
Fecal 400 / 200	240	50	50	130	60	86
Enterococcus 104 / 35	41	52	96	20	450	71

20-Mar-14	26-Mar-14	1-Apr-14	9-Apr-14	16-Apr-14	16-Apr-14
1624	931	3448	389	161	799
84	161	173	31	41	78
0	0	0	0	0	0
98	185	323	41	20	86

KAPPAS HOUSEBOATS Station #43	11-Sep-13	18-Sep-13	25-Sep-13	2-Oct-13	8-Oct-13	8-Oct-13
Total Coliform 10,000 / 1000	1106	181	435	373	345	407
E. coli 235 / 126	31	30	52	41	41	38
Fecal 400 / 200	130	110	240	50	80	107
Enterococcus 104 / 35	52	10	9	30	9	17

20-Mar-14	26-Mar-14	1-Apr-14	9-Apr-14	16-Apr-14	16-Apr-14
122	199	1664	97	134	221
20	20	214	41	10	32
0	0	0	0	0	0
9	41	108	10	9	20

WALDO "A" DOCK Station #40	11-Sep-13	18-Sep-13	25-Sep-13	2-Oct-13	8-Oct-13	8-Oct-13
Total Coliform 10,000 / 1000	231	201	97	223	109	161
E. coli 235 / 126	31	10	10	20	10	14
Fecal 400 / 200	50	8	17	23	17	19
Enterococcus 104 / 35	10	9	10	10	52	14

20-Mar-14	26-Mar-14	1-Apr-14	9-Apr-14	16-Apr-14	16-Apr-14
31	146	2282	110	228	192
10	20	131	31	173	43
0	0	0	0	0	0
10	41	288	9	9	25

WALDO POINT SOUTH 40 Station 15	11-Sep-13	18-Sep-13	25-Sep-13	2-Oct-13	8-Oct-13	8-Oct-13
Total Coliform 10,000 / 1000	865	181	341	211	657	375
E. coli 235 / 126	120	31	31	52	85	55
Fecal 400 / 200	80	50	17	80	14	38
Enterococcus 104 / 35	10	9	41	9	20	15

20-Mar-14	26-Mar-14	1-Apr-14	9-Apr-14	16-Apr-14	16-Apr-14
189	578	1723	98	185	321
31	86	107	31	10	39
0	0	0	0	0	0
20	135	235	30	31	57

CLIPPER BASIN #4 Station 14	11-Sep-13	18-Sep-13	25-Sep-13	2-Oct-13	8-Oct-13	8-Oct-13
Total Coliform 10,000 / 1000	1789	97	73	110	644	246
E. coli 235 / 126	85	10	10	9	10	15
Fecal 400 / 200	140	17	13	13	7	19
Enterococcus 104 / 35	30	9	9	10	10	12

20-Mar-14	26-Mar-14	1-Apr-14	9-Apr-14	16-Apr-14	16-Apr-14
110	988	1236	75	75	237
41	189	63	10	10	34
0	0	0	0	0	0
10	328	171	10	9	35

ARQUEZ MARINA Station #37	11-Sep-13	18-Sep-13	25-Sep-13	2-Oct-13	8-Oct-13	8-Oct-13
Total Coliform 10,000 / 1000	173	31	315	31	108	89
E. coli 235 / 126	10	9	31	9	9	12
Fecal 400 / 200	23	2	13	4	8	7
Enterococcus 104 / 35	10	9	41	9	9	12

20-Mar-14	26-Mar-14	1-Apr-14	9-Apr-14	16-Apr-14	16-Apr-14
216	5475	4352	41	52	406
31	318	305	10	20	57
0	0	0	0	0	0
9	663	213	9	9	40

DRY SEASON

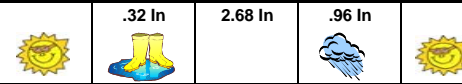
	Single Sample					30 Day Geo Mean
Total Coliform Not To Exceed	10,000					1000
E. coli Not to Exceed	235					126
Fecal Coliform Not to Exceed	400					200
Enterococcus Not to Exceed	104					35

Rain Totals for the week prior to testing



WET SEASON

	Single Sample					30 Day Geo Mean
Total Coliform Not To Exceed	10,000					1000
E. coli Not to Exceed	235					126
Fecal Coliform Not to Exceed	400					200
Enterococcus Not to Exceed	104					35



CLIPPER BASIN #1, Station CB1 (NEW)	11-Sep-13	18-Sep-13	25-Sep-13	2-Oct-13	8-Oct-13	8-Oct-13
Total Coliform 10,000 / 1000	336	52	2723	98	132	228
E. coli 235 / 126	30	9	63	9	41	23
Fecal 400 / 200	17	4	50	13	23	16
Enterococcus 104 / 35	9	9	96	10	30	19

	20-Mar-14	26-Mar-14	1-Apr-14	9-Apr-14	16-Apr-14	16-Apr-14
Total Coliform 10,000 / 1000	455	24196	1785	292	617	1288
E. coli 235 / 126	52	1935	110	63	52	129
Fecal 400 / 200	0	0	0	0	0	0
Enterococcus 104 / 35	10	4611	193	10	52	86

SCHOONMAKER BEACH Station #33 (EHS)	29-Aug-12	5-Sep-12	12-Sep-12	26-Sep-12	3-Oct-12	19-Oct-09
Total Coliform 10,000 / 1000	86	134	52	161	583	141
E. coli 235 / 126	20	9	20	10	31	16
Fecal 400 / 200	50	1	2	2	23	4
Enterococcus 104 / 35	9	9	9	9	31	12

	20-Mar-14	26-Mar-14	1-Apr-14	9-Apr-14	16-Apr-14	16-Apr-14
Total Coliform 10,000 / 1000	51	583	1872	295	173	310
E. coli 235 / 126	10	341	63	10	20	34
Fecal 400 / 200	0	0	0	0	0	0
Enterococcus 104 / 35	9	41	121	9	9	20

SCHOONMAKER Station #32	11-Sep-13	18-Sep-13	25-Sep-13	2-Oct-13	8-Oct-13	8-Oct-13
Total Coliform 10,000 / 1000	332	9	24196	9	213	169
E. coli 235 / 126	30	9	31	9	10	15
Fecal 400 / 200	50	2	4	2	30	8
Enterococcus 104 / 35	10	9	9	9	10	9

	20-Mar-14	26-Mar-14	1-Apr-14	9-Apr-14	16-Apr-14	16-Apr-14
Total Coliform 10,000 / 1000	20	373	281	201	74	126
E. coli 235 / 126	9	63	41	10	9	18
Fecal 400 / 200	0	0	0	0	0	0
Enterococcus 104 / 35	9	73	10	9	10	14

GALILEE / NAPA Station #8	11-Sep-13	18-Sep-13	25-Sep-13	2-Oct-13	8-Oct-13	8-Oct-13
Total Coliform 10,000 / 1000	199	9	86	31	146	59
E. coli 235 / 126	52	9	9	9	31	16
Fecal 400 / 200	50	7	22	2	26	13
Enterococcus 104 / 35	30	9	9	9	74	17

	20-Mar-14	26-Mar-14	1-Apr-14	9-Apr-14	16-Apr-14	16-Apr-14
Total Coliform 10,000 / 1000	63	295	1137	30	110	147
E. coli 235 / 126	9	20	97	9	20	20
Fecal 400 / 200	0	0	0	0	0	0
Enterococcus 104 / 35	9	20	10	30	9	14

MARINEWAYS Station MW (NEW)	11-Sep-13	18-Sep-13	25-Sep-13	2-Oct-13	8-Oct-13	8-Oct-13
Total Coliform 10,000 / 1000	410	185	313	85	160	200
E. coli 235 / 126	63	10	41	9	20	22
Fecal 400 / 200	170	8	23	4	27	20
Enterococcus 104 / 35	10	9	9	9	9	9

	20-Mar-14	26-Mar-14	1-Apr-14	9-Apr-14	16-Apr-14	16-Apr-14
Total Coliform 10,000 / 1000	292	24196	2909	311	3255	1835
E. coli 235 / 126	20	1012	318	85	2014	256
Fecal 400 / 200	0	0	0	0	0	0
Enterococcus 104 / 35	9	3654	313	20	10	73

PELICAN HARBOR Station #6	11-Sep-13	18-Sep-13	25-Sep-13	2-Oct-13	8-Oct-13	8-Oct-13
Total Coliform 10,000 / 1000	119	41	96	110	146	94
E. coli 235 / 126	10	9	9	10	10	10
Fecal 400 / 200	4	1	8	4	8	4
Enterococcus 104 / 35	9	9	10	9	9	9

	20-Mar-14	26-Mar-14	1-Apr-14	9-Apr-14	16-Apr-14	16-Apr-14
Total Coliform 10,000 / 1000	213	4106	226	156	63	287
E. coli 235 / 126	20	256	41	30	20	42
Fecal 400 / 200	0	0	0	0	0	0
Enterococcus 104 / 35	9	246	41	9	9	24

DRY SEASON

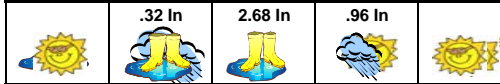
	Single Sample	30 Day Geo Mean
Total Coliform Not To Exceed	10,000	1000
E. coli Not to Exceed	235	126
Fecal Coliform Not to Exceed	400	200
Enterococcus Not to Exceed	104	35

Rain Totals for the week prior to testing



WET SEASON

	Single Sample	30 Day Geo Mean
Total Coliform Not To Exceed	10,000	1000
E. coli Not to Exceed	235	126
Fecal Coliform Not to Exceed	400	200
Enterococcus Not to Exceed	104	35



SAUSALITO YACHT HARBOR Station #5	11-Sep-13	18-Sep-13	25-Sep-13	2-Oct-13	8-Oct-13	8-Oct-13
Total Coliform 10,000 / 1000	41	10	41	41	31	29
E. coli 235 / 126	9	9	9	9	20	11
Fecal 400 / 200	4	2	13	8	11	6
Enterococcus 104 / 35	9	9	9	9	9	9

20-Mar-14	26-Mar-14	1-Apr-14	9-Apr-14	16-Apr-14	16-Apr-14
148	862	285	84	9	122
52	63	62	9	9	28
0	0	0	0	0	0
10	62	30	9	9	17

SAUSALITO YACHT HARBOR Station #3	11-Sep-13	18-Sep-13	25-Sep-13	2-Oct-13	8-Oct-13	8-Oct-13
Total Coliform 10,000 / 1000	122	10	85	359	85	79
E. coli 235 / 126	10	9	9	20	30	14
Fecal 400 / 200	4	13	13	8	11	9
Enterococcus 104 / 35	9	9	9	9	9	9

20-Mar-14	26-Mar-14	1-Apr-14	9-Apr-14	16-Apr-14	16-Apr-14
63	862	158	10	108	98
9	201	10	10	10	18
0	0	0	0	0	0
9	161	10	85	9	26

CONTROL STATION DAYMARK #6 Station C	11-Sep-13	18-Sep-13	25-Sep-13	2-Oct-13	8-Oct-13	8-Oct-13
Total Coliform 10,000 / 1000	173	9	74	9	10	25
E. coli 235 / 126	9	9	9	9	10	9
Fecal 400 / 200	2	2	4	1	2	2
Enterococcus 104 / 35	9	9	9	9	9	9

20-Mar-14	26-Mar-14	1-Apr-14	9-Apr-14	16-Apr-14	16-Apr-14
41	122	20	63	9	36
10	10	10	9	9	10
0	0	0	0	0	0
10	20	9	9	9	11

CONTROL O STRAWBERRY POINT	11-Sep-13	18-Sep-13	25-Sep-13	2-Oct-13	8-Oct-13	8-Oct-13
Total Coliform 10,000 / 1000	63	98	41	388	31	79
E. coli 235 / 126	9	10	10	31	9	12
Fecal 400 / 200	4	2	4	4	2	3
Enterococcus 104 / 35	10	10	9	9	9	9

20-Mar-14	26-Mar-14	1-Apr-14	9-Apr-14	16-Apr-14	16-Apr-14
9	8164	3255	51	10	165
9	156	109	9	9	26
0	0	0	0	0	0
9	275	168	10	10	33

RICHARDSON'S BAY REGIONAL AGENCY REPORT

August 14, 2014

TO: RBRA Board
FROM: Ben Berto, RBRA Clerk
SUBJECT: Anchorage Vessel Survey

Board members:

Staff has compiled the results of the biennial Richardson's Bay anchored vessel survey, conducted on April 24, 2014. Following is a comparison of the 2014 data with prior surveys, particularly the 2012 survey. Some interesting information emerges for your Board's consideration.

Table 1 below shows the total vessels counted in the 2014 and 2012 surveys, split out into whether and the number of those year's vessels' were also present in Richardson's Bay during prior surveys.

Table 1: 2014 & 2012 vessel counts compared to prior surveys.

Vessel counts	Total	New 2014	Present 2012	Present 2010	Present 2008
2014 survey	205	115	50	24	16
% of total		56%	24%	12%	8%
2012 survey	159	---	83	39	37
% of total			52%	25%	23%

Of the 205 vessels tallied as being anchored in Richardson's Bay in April 2014, 115 have newly arrived since April 2012, 50 were present in Richardson's Bay in the 2012 survey (more specifically, they arrived between April 2010 and April 2012 and have remained since), 24 vessels have been present since 2010 (i.e., arrived between April 2008 and April 2010), and 16 have been present in Richardson's Bay since before the first survey in 2008.

Of the 159 vessels tallied in the 2012 survey, 83 were newly arrived since the April 2010 survey, 39 were present in the 2010 survey (i.e., arrived between April 2008 and April 2010), and 37 had been present in Richardson's Bay since before the first survey in 2008.

In terms of percentages, in both the 2014 and 2012 surveys, slightly more than one-half of the vessels (56% in the 2014 survey and 52% of the 2012 survey) had arrived in the interim since the last survey. This reflects the fairly fast vessel turnover, with vessels

arriving and departing or being salvaged by RBRA at a fairly quick rate. This is also reflected in the fact that as of this year's count, only 16 vessels (or 8%) have been present since April 2008 or earlier.

The 205 vessels anchored in Richardson's Bay on April 24, 2014 represent an increase of 47 vessels (or 29%) since the 2012 survey. As noted previously, this increase is worrisome since RBRA has never salvaged vessels at a higher rate than the last couple of years, and those efforts appear to be going backwards against the ongoing influx. Since the 2010 survey, the RBRA has disposed of over 300 vessels with the AWAFF, VTIP and CalRecycle grant programs. The cost for this work has been over \$740K.

More figures of interest tallied in this year's survey are the registration and documentation figures shown in Table 2 below.

Table 2: Documentation and registration rates

Registration year	2015	2013	Pre-2103 or none	Current documentation
No. of vessels	82	45	66	12
% of total	40%	22%	32%	6%
City of Sausalito	28	7	12	5
% of total	54%	13%	23%	10%
Other RBRA juris.	54	38	54	7
% of total	35%	25%	35%	5%

Relevant information gleaned from these figures include that as of April 2014, only 46% of the vessels on the anchorage (or 95 out of 205) were currently registered or documented. Also as of April, under relevant State law 66 vessels were far enough out of current registration or documentation (i.e., pre-2013 or not registered/documented) that they could be impounded.

Current registration/documentation rates for vessels within the City of Sausalito's jurisdiction were substantially higher (64%) than for the remainder of the anchorage (40%). This reflects Sausalito's ongoing enforcement program pre-RBRA involvement, resulting in those vessels that remained in Sausalito's jurisdiction getting registered. In the County and other jurisdictional waters, the inability to cite for lack of current or proper registration/documentation prior to RBRA's involvement resulted in considerably lower registration/documentation rates.

It should be noted that the Harbor Administrator has recently observed a considerable increase in current overall registration and documentation, no doubt resulting from the efforts and outreach/publicity that RBRA and law enforcement agencies have invested in the vessel registration program

Conclusions

The high vessel throughput rate noted by Staff following the 2012 survey continues to be manifested in this year's survey. Vessels are arriving and leaving Richardson's Bay on a fairly constant basis. Unfortunately many of those present (more than half according to the 2014 survey) are in fair-poor or worse condition. Richardson's Bay continues to be a convenient place to bring and store vessels of varying conditions. While the RBRA has done a workmanlike job of attending to the most problematic of those, it lacks the resources to do much more than the registration/documentation program (see attached update report) at this time.

If the RBRA were ever to come up with a program to effectively organize and regulate vessels arriving in Richardson's Bay, it is likely that many of the derelict vessels currently in the anchorage would, through normal processes of attrition and relocation, be reduced to a much lower number and percentage than is presently the case.

Survey limitations

One factor present in this and prior year's surveys is the difficulty in some cases of making accurate vessel comparisons survey-by-survey. The reason is there are enough unregistered, unnamed, moderate length, old, poor condition white fiberglass sailboats that it can be difficult to ascertain for a certainty whether some of those are new to the anchorage or have been there previously. In addition, staff included in this year's survey tenders and small skiffs that have or previously had motors and thus are required to be registered, whereas in previous years it has not counted those boats.

A direct benefit of RBRA's registration/documentation program will be a significant reduction in the number of such vessels in the future. What to do about currently and properly registered semi-derelict vessels is a question left to future deliberations (see registration program report elsewhere in this month's agenda).



COURTESY NOTICE



RICHARDSON'S BAY REGIONAL AGENCY

VESSEL REQUIRED TO HAVE/PROPERLY DISPLAY CURRENT REGISTRATION OR DOCUMENTATION

This vessel does not show current, complete, or proper registration or documentation, and is in violation of Local, State, and/or Federal laws, including CA Vehicle Code §9850 et seq. (see back of notice for regulation information).

Proper registration or documentation must be fixed to the vessel within 10 calendar days of this notice, or by _____.

Failure to correct vessel registration or documentation by the above date will result in enforcement actions including but not limited to: citation, fines, towing, and disposal (see CA Harbors & Navigation Code §523 et.seq.). Note: this courtesy notice does not preclude issuance of a citation during the 10 day notice period.

Contact the Richardson's Bay Regional Agency Harbor Administrator Bill Price with any questions at:

Cell (415) 971-3919

bprice@marincounty.org

Marin County Community Development Agency
3501 Civic Center Dr. Room 308, San Rafael, CA 94903

Notice Date: _____



California State Vehicle Code

Numbering of Undocumented Vessels

9850. Every undocumented vessel using the waters or on the waters of this state shall be currently numbered. No person shall operate nor shall any county, city, or political subdivision give permission for the operation of any undocumented vessel on those waters unless the undocumented vessel is numbered in accordance with this chapter, or in accordance with applicable federal law, or in accordance with a federally approved numbering system of another state, and unless (1) the certificate of number issued to such undocumented vessel is in full force and effect, and (2) the identifying number set forth in the certificate of number is displayed on each side of the bow of the undocumented vessel for which the identifying number was issued.

Amended Ch. 298, Stats. 1987. Effective January 1, 1988.

California Boating Law – Harbors and Navigation Code

523. (a) Any peace officer, as described in Section 663, or any lifeguard or marine safety officer employed by a county, city, or district while engaged in the performance of official duties, may remove, and, if necessary, store a vessel removed from a public waterway under any of the following circumstances:

- (1) When the vessel is left unattended and is moored, docked, beached, or made fast to land in a position that obstructs the normal movement of traffic or in a condition that creates a hazard to other vessels using the waterway, to public safety, or to the property of another.
 - (2) When the vessel is found upon a waterway and a report has previously been made that the vessel has been stolen or a complaint has been filed and a warrant thereon issued charging that the vessel has been embezzled.
 - (3) When the person or persons in charge of the vessel are by reason of physical injuries or illness incapacitated to an extent as to be unable to provide for its custody or removal.
 - (4) When an officer arrests any person operating or in control of the vessel for an alleged offense, and the officer is, by any provision of this code or other statute, required or permitted to take, and does take, the person arrested before a magistrate without unnecessary delay.
 - (5) When the vessel interferes with, or otherwise poses a danger to, navigation or to the public health, safety, or welfare.
 - (6) When the vessel poses a threat to adjacent wetlands, levies, sensitive habitat, any protected wildlife species, or water quality.
 - (7) When a vessel is found or operated upon a waterway with a registration expiration date in excess of one year before the date on which it is found or operated on the waterway.
- (b) Costs incurred by a public entity pursuant to removal of vessels under subdivision (a) may be recovered through appropriate action in the courts of this state.

This list is not inclusive of all applicable statutes. The agencies reserve their right to enforce any applicable Federal, State and/or local statutes, regulations and/or ordinances.

SIGHTINGS

personal ais — continued

someone who goes overboard," says Honey, who is renowned as a top tier offshore navigator. "The range is way too short on direction-finding systems. The personal EPIRB devices work, but they communicate the position of the person overboard to a search and rescue center, not to the boat that's looking for them. We used AIS PLBs in the 2013 Sydney-Hobart Race on *Perpetual Loyal* and they were terrific because you have a range of several miles, assuming you have your AIS antenna on your masthead."

A case in point was the rescue, in March, of British sailor Andrew Taylor, 46, who fell overboard in hellacious conditions during the China-to-San Francisco leg of the Clipper Round the World Race. "The boat looking for the man overboard was more than a mile from where the MOB was, but as soon as he turned on his AIS PLB, they went straight to him," recalls Honey. AIS PLBs are already required for some classes of offshore racing, and we suspect they will soon be standard issue for many daysailers and cruisers also — especially since they retail for less than \$300 apiece. That's what we call reasonably priced life insurance.

— andy

what do circumnavigators look like?

Charlie and Cathy Simon of Spokane and Nuevo Vallarta are currently in Fiji in the process of doing a 14-month, 26,000-mile circumnavigation as part of the World Cruising Club's World ARC 2014. Their Taswell 58 *Celebrate* is one of 15 boats that will be sailing around the world together.

While the fleet was in Bora Bora, French Polynesia, Cathy thought it would be fun to have a luncheon with all the ladies who'll be doing



CELEBRATE

A great group of women circumnavigators-to-be lunching at Bora Bora. Left front: Laurie (and Richard) Owen on 'Nexus', a US-based 58-ft semi-custom cat. Left back: Jenny (and Jonathan) Crowe on 'Merlyn of Poole', an Oyster 45 from Great Britain. Back center: Suzana Buraca, World ARC Rally Control. Right back: Cathy (and Charlie) Simon of the Spokane / Nuevo Vallarta-based Taswell 58 'Celebrate'. Next right: Sandra (and Tom) Frank on 'Sweet Pear', a Switzerland-based Outborn 441. Right center: Dawn (and Michael) Roberts on 'ViVo', a US-based F/P 60 cat. Right front: Tracey (and Tim) Ramsey on 'Folie a Deux', a US-based Lagoon 380.

the entire trip. There were 10 such women. Unfortunately, only seven are in the accompanying photograph. Nonetheless, we suspect the photo will jolt a lot of notions about what circumnavigators look like.

The World ARC is a somewhat unusual sailing event in that participants don't have to do the entire event. As a result, there are actually 47 boats, nine of them from the United States, participating in the WARC 2014, which ends next April in St. Lucia. Seventeen of them, two more than will be going all the way around, will be either drop-

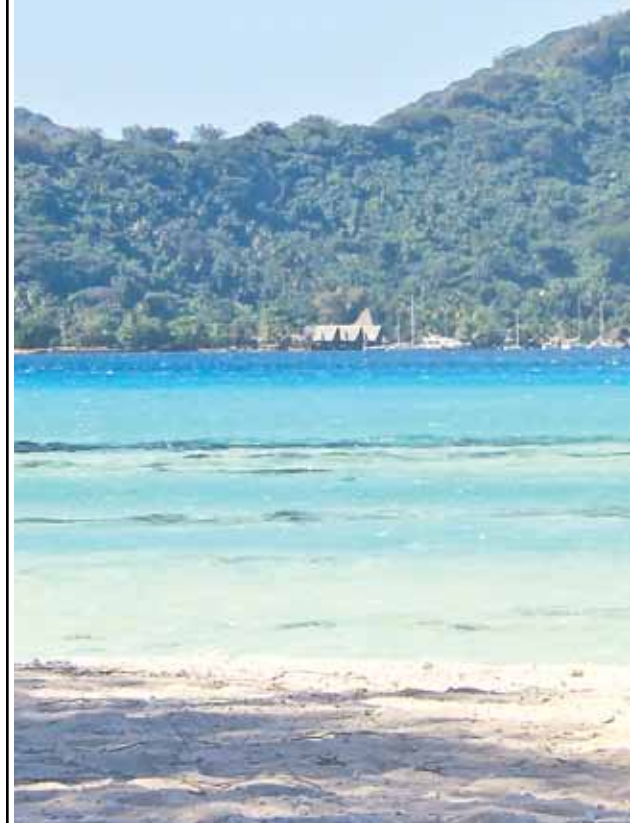
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moored boats

Richardson Bay, which lies between Sausalito and the Tiburon Peninsula, has a colorful history that includes construction of liberty ships during WWII, and a long tradition of boaters living aboard. It's also become the moorage of choice for boat owners trying to avoid high-priced local slip fees.

Although the official maximum stay at anchor is 90 days, local law enforcement agencies have generally taken a hands-off approach to compliance, as there has

Ah, to be young, good looking and cruising the Bora Bora lagoon. . . Actually, it's pretty cool to cruise French Polynesian waters at any age — even if you wouldn't dare try on a grass skirt and a coconut bra. On page 90 read about the travels of these handsome Swedes and other young voyagers in our 'Generation Y Not' feature on page 90.



must get legal

never been the political will among leaders of neighboring cities and the Richardson Bay Regional Authority to play hardball with dozens of longtime anchor-outs and derelict boat owners. We suspect that dealing with Richardson Bay anchorage-dwellers is about as attractive to Marin County Sheriffs as rousting naked joggers during the Bay to Breakers is to San Francisco police.

But this month the RBRA and the
continued in middle column of next sightings page

circumnavigators — continued

ping out in Australia or pausing there and rejoining a subsequent WARC. There are already a considerable number of boats signed up for WARC 2015.

How are the Simons liking the adventure so far? "Charlie and I are having the time of our lives!" says Cathy. After heading west from Bora Bora *Celebrate* visited Niue, then sailed on to Fiji. Their latest dispatch describes their approach: "What spectacular downwind sailing we had out of Niue sailing wing-on-wing with the whisker pole out. We were seeing 14.1 knots of speed surfing on the waves! South Pacific Ocean sailing is great! *Nexus* and *Vivo* left the anchorage just ahead of us and were seeing 16 and 15 knots of speed." Nice.

— richard



SIGHTINGS

historic *freda* back in action

At the highly anticipated re-launch of the antique sloop *Freda*, May 31, her eight-year restoration's overseer, Bob Darr, explained to several hundred onlookers that this beamy 50-footer (LOA) is special for at least three reasons: her design, her longevity — she was first launched in 1885 from what is now Beach Road in Belvedere — and her construction. She is, in fact, the last remaining example of what was called an 'American sloop yacht', the first style of boat built strictly for recreational purposes.

continued on outside column of next sightings page

get legal

Sheriff's Department are finally taking a first step toward getting derelict boats and anchor-outs into basic compliance with the laws that their marina-dwelling neighbors have always been forced to abide by. That is, all boats in the anchorage must now — some would say, finally! — be currently registered and tagged, or face enforcement including citations, fines,



INSET: WOODY SKORIAK

LATITUDE / ANDY

Sitting pretty after her exhaustive eight-year refit, the 129-year-old 'Freda' is a nautical treasure. Inset, left: Bob Darr and former owner Diane Brenden were all smiles. Inset, right: 'Freda's shapely transom is a signature element of her design.

— continued

towing and disposal.

Marin sheriffs will be issuing notices and urging compliance. But the guy to contact if you have issues to discuss is Harbor Administrator Bill Price. Email him: bprice@marincounty.org. Or call (415) 971-3919. The next step? How about a regulated public mooring field?

— andy



INSET: WOODY SKORIAK

freda — continued

Darr, who serves as the program director for the Arques School of Traditional Boatbuilding (located at Sausalito's Spaulding Wooden Boat Center), reminded us that *Freda's* design is similar to the earliest sloop yachts of New England. But her lines were adapted for the Bay's windier conditions, giving her a deeper keel and a wide (12.5-ft) beam that's carried well aft to her splendid transom that's evocative of the "female form," as Darr put it.

It would take a book-length article relate all the colorful details involved in *Freda's* 129-year history, but one thing we think is important to acknowledge is that she was built by a local sailor named Harry Crookson, who is said to have earned the money for her materials by working as a bartender. Part of the 'Corinthian' philosophy of yachting, which was becoming popular at the time, was that boats should be sailed and cared for by amateur owners, rather than hired professionals. Fittingly, *Freda* became the flagship of the then-new Corinthian YC in Tiburon.

The fact that she has survived through the decades is a testament to the countless hours that various owners have put into her — even before the Arques refit. In 1955 the young Harold Sommer, who became one of the waterfront's most revered characters, bought the sloop in a state of disrepair from a Tiburon contractor who'd run her into a bridge and demasted her. She was then 70 years old, although boats of her type and materials were only intended to last 20 or 30 years. During the 25 years that Sommer owned *Freda*, he did major hull repairs and upgrades, without which, according to Darr, "*Freda* would not be with us today."

In the early 1980s, Sommer sold the vintage sloop to Jerry and Diane Brenden in order to take on an even more ambitious challenge: the famous Sausalito schooner *Wanderbird*. In 1994 *Freda's* stewardship was transferred to a local nonprofit, which worked out a deal with the then-independent Arques school to complete the first phase of a three-part rebuild that entailed completely renewing her decks, transom and cabin. But lack of funding in the late '90s stalled the rest of the project until 2006, when Arques took it on in a partnership with Spaulding Wooden Boat Center.

Even with a grant for materials from the Master Mariners Association and many private funders, the meticulous work, done by Arques apprentices and master woodworkers, progressed slowly. But every inch of her was rebuilt or restored to museum-quality specs.

Following the original technique of sawing frames from "naturally occurring trees and branches" (rather than steam-bending them), Arques craftsmen sourced limbs of locally grown black locust for frames, pepperwood for large hull timbers, and fir for planking and decking. The crew designed and poured a new lead keel, weighing 7,500 pounds, to replace the existing iron keel. (We should note that when first launched, *Freda* originally had a centerboard, following the example of her eastern cousins.) All in all, it has taken a colossal

continued on outside column of next sightings page



LATITUDE ARCHIVES

'Freda' was powered up and lookin' good when this shot was taken during a Master Mariners Regatta in the 1980s.