

Information Sheet
Port of San Diego Recreational Vessel Moorings
Public Meetings
Saturday, January 12, 2002 and Wednesday, January 16, 2002

Purpose of Meetings

Public outreach to present information and receive comment concerning

- State Lands Commission (SLC) requirements concerning chain wear and anchor holding strength
- District's engineering evaluation of the mooring holding strength
- San Diego Mooring Company LLC's (SDMC) proposed fee schedules.

Subsequent to the meetings, District staff will prepare its recommendation concerning a fee schedule to be presented at a Public Hearing conducted by the Board of Port Commissioners on January 29, 2002.

Background information

- April 3, 2001, the Board of Port Commissioners (Board) approved Amendment No. 4 to SDMC's Lease of the District's recreational vessel mooring system and SDMC's mooring fee schedule.
- Prior to becoming effective, SDMC's Lease requires the approval of the California State Lands Commission (SLC).
- Amendment No. 4 required SLC's approval of the Lease by December 31, 2001.
- August 2001, precedent to SLC staff recommending approval of the SDMC lease, SLC recommended that an engineering evaluation be made for each mooring area to determine the maximum size and type of vessel that could be safely moored and that mooring chain be replaced when it reaches 80% of its original diameter.
- SDMC Lease provides that the mooring chain be 0.40 inches in diameter or greater, at its thinnest portion of the link (approximately 50% of the original diameter for the 3/4 inch chain). SDMC's Board-approved mooring fee schedule is based on the 50% wear factor and existing anchor blocks.
- October 2001, engineering evaluation of moorings anchor holding capacity completed by the District.
- District identified 43 vessels currently moored that may exceed the design capacity of their assigned mooring in a wind speed of 48.33 mph, the wind speed for design anchor recommended by the American Boat Yacht Council.
- November 2001, copy of engineering review provided to SLC engineering staff and SDMC.
- December 11, 2001, the Board approved Amendment No. 5 to the SDMC Lease, extending the time for SLC approval to June 30, 2002.
- December 2001 and January 2002, SDMC completed an assessment of the additional cost associated with implementing the new requirements for chain wear and anchor holding strength; SLC completed review of District's engineering evaluation.
- SDMC Rate Schedule proposals, two alternatives:
 - Alternative 1 includes the cost to increase the mooring block weight by 5,000 pounds for 68 moorings; includes the cost of replacing chain when it reaches 80% of its original diameter; accommodates all vessels currently moored (accommodate the 43 large-size vessels currently moored plus capacity for 25 additional large-size vessels).
 - Alternative 2 retains use of existing mooring blocks; includes the cost of replacing chain when it reaches 80% of its original diameter; certain large-size vessels currently moored may exceed the moorings holding capacity in wind speeds of 48.33 miles per hour.

Information pertaining to Public Hearing on January 29, 2002

The Public Hearing will be held in the Don L. Nay Port Administration Building, Board Room, 3165 Pacific Highway, San Diego, CA 92101. Interested parties are welcome to submit comments in writing before, and/or speak at the Public Hearing. The Public Hearing will be held during the Board's regularly-scheduled meeting that commences at 1:00 p.m., January 29, 2002. If you wish to submit written comments to the Board prior to the Public Hearing, they may be sent to the Marine Operations Department, Attn: Proposed Mooring Fees, P.O. Box 120488, San Diego, CA 92112-0488. All comments will become part of the formal correspondence file. The Marine Operations staff will give all written comments to the Board of Port Commissioners.

Attachments:

1. SDMC's currently approved fee schedule (approved by Board in conjunction with Lease Amendment No. 4)
2. SDMC proposed fee schedule including cost of capital improvements to add an additional 5,000 lb block on 43 moorings.
3. SDMC proposed fee schedule, using existing mooring blocks
4. Comparison of SDMC's Proposed Fees versus SDMC's current Board-approved fees and versus the Port's current \$102 permonth fee
5. Maximum Displacement Tables for Boats, Laurel St., America's Cup Harbor, Bay Bridge, and Shelter Is. Moorings (8 pages)
6. Listing, 43 vessels that may exceed the moorings holding capacity in wind speeds of 48.33 miles per hour

Marine Operations Department
January 11, 2002

SDMC's Board-approved Mooring Fee Schedule
Approved by Board of Port Commissioners on April 3, 2001

SCHEDULE OF MONTHLY CHARGES PER BUOY

• Revised 3-6-01

Mooring Fees

Monthly charge per buoy:

Year of Operation	America's Cup Harbor (84 Moorings, less than 35 feet)	America's Cup Harbor (86 Moorings, more than 35 feet)	Laurel Street Roadstead (130 Moorings)
1	\$94.65	\$102.40	\$86.90
2	\$98.00	\$106.00	\$89.95
3	\$101.40	\$109.70	\$93.10
4	\$104.95	\$113.50	\$96.35
5	\$108.60	\$117.50	\$99.70
6	\$112.40	\$121.60	\$103.20

Year of Operation	Shelter Island Roadstead Bay Bridge (44 Moorings)	Roadstead Mediterranean Style Moorings (69 Moorings)	(24 Moorings)
1	\$78.90	\$78.90	\$94.65
2	\$81.65	\$81.65	\$98.00
3	\$84.50	\$84.50	\$101.40
4	\$87.50	\$87.50	\$104.95
5	\$90.55	\$90.55	\$108.60
6	\$93.70	\$93.70	\$112.40

Security Deposit: Two Month's rent

Late Payment Fee: \$5.00

Insufficient Funds ("NSF Check") Charge: \$20.00

Transient Vessel Fee (Guest Moorage): \$6.00 per buoy per day

Improper Tie-Up Fees: \$25.00

*Revised Schedule K rates reflect an adjustment to accommodate the delay in commencement of lease and also include a \$.25 per day reduction required by the lease amendment.

SDMC's Proposed Mooring Fee Schedule
Includes the cost to add an additional 5,000 lb. mooring block to 68 moorings

SCHEDULE OF MONTHLY CHARGES PER BUOY

Revised 12-19-01

(Includes proposed capital improvement)

Mooring Fees

Monthly charge per buoy:

<u>Year of Operation</u>	<u>America's Cup Harbor (84 Moorings, less than 35 feet)</u>	<u>America's Cup Harbor (86 Moorings, more than 35 feet)</u>	<u>Laurel Street Roadstead (130 Moorings)</u>
1	\$124.70	\$132.70	\$116.65
2	\$129.00	\$137.35	\$120.70
3	\$133.60	\$142.15	\$124.95
4	\$138.25	\$147.10	\$129.30
5	\$143.10	\$152.25	\$133.85
6	\$148.10	\$157.60	\$138.55

<u>Year of Operation</u>	<u>Shelter Island Roadstead (44 Moorings)</u>	<u>Bay Bridge Roadstead (69 Moorings)</u>	<u>Mediterranean Style Moorings (24 Moorings)</u>
1	\$108.35	\$108.35	\$124.70
2	\$112.15	\$112.15	\$129.00
3	\$116.00	\$116.00	\$133.60
4	\$120.10	\$120.10	\$138.25
5	\$124.30	\$124.30	\$143.10
6	\$128.70	\$128.70	\$148.10

Security Deposit: Two Month's rent

Late Payment Fee: \$5.00

Insufficient Funds ("NSF Check") Charge: \$20.00

Transient Vessel Fee (Guest Moorage): \$7.50 per buoy per day

Improper Tie-Up Fees: \$25.00

*SDMC's Proposed Mooring Fee Schedule
retaining use of existing mooring blocks*

SCHEDULE OF MONTHLY CHARGES PER BUOY

*Revised 12-19-01

Mooring Fees

Monthly charge per buoy:

<u>Year of Operation</u>	<u>America's Cup Harbor (84 Moorings, less than 35 feet)</u>	<u>America's Cup Harbor (86 Moorings, more than 35 feet)</u>	<u>Laurel Street Roadstead (130 Moorings)</u>
1	\$119.90	\$127.90	\$111.85
2	\$124.10	\$132.40	\$115.75
3	\$128.45	\$137.00	\$119.80
4	\$132.90	\$141.80	\$124.00
5	\$137.60	\$146.75	\$128.35
6	\$142.40	\$151.90	\$132.85

<u>Year of Operation</u>	<u>Shelter Island Roadstead Bay (44 Moorings)</u>	<u>Bridge Roadstead Mediterranean Style (69 Moorings)</u>	<u>Moorings (24 Moorings)</u>
1	\$103.55	\$103.55	\$119.90
2	\$107.20	\$107.20	\$124.10
3	\$110.90	\$110.90	\$128.45
4	\$114.80	\$114.80	\$132.90
5	\$118.85	\$118.85	\$137.60
6	\$123.00	\$123.00	\$142.40

Security Deposit: Two Month's rent

Late Payment Fee: \$5.00

Insufficient Funds ("NSF Check") Charge: \$20.00

Transient Vessel Fee (Guest Moorage): \$7.50 per buoy per day

Improper Tie-Up Fees: \$25.00

*Does not include proposed capital improvement cost for retrofitting mooring buoy weights.

Lease

Exhibit K.xls

*Comparison of SD Mooring Company's (SDMC) Proposed Fees
versus SDMC's current Board-approved Fee Schedule (Amd 4)
and versus the Port's current \$102/month fee (UPD)*

Table 1 Notes:

1. The % increase shown is for year 1 of SDMC Operation;
2. Rates for years 2 through year 6 increase annually by 3.45%;
3. Includes the cost to retrofit 68 moorings with a 5,000 lb. mooring block and replace all steel members in the load path (includes mooring chain) when they reach 80% of their original thickness.
4. The pro-rated cost for the mooring block retrofit, distributed among the 437 moorings, is \$4.80 per mooring per month (5% of the total increase per mooring).
5. Guest moorage would increase +25% > Amd 4; +121% > UPD

Table 1

America's Cup Harbor 84 moorings vessels <35'	America's Cup Harbor 86 moorings Vessels >35'	Laurel Street 130 moorings	Shelter Island 44 moorings	Bay Bridge 69 moorings	Mediterranean Mooring at Laurel St 24 moorings
+ 32% >Amd4 + 22% >UPD	+30% > Amd 4 +30% > UPD	+34% >Amd 4 +14% > UPD	+37% >Amd 4 +6% > UPD	+37% >Amd 4 +6% > UPD	+ 32% >Amd4 + 22% >UPD

Table 2 Notes:

6. The % increase shown is for year 1 of SDMC Operation;
7. Rates for years 2 through year 6 increase annually by 3.45%;
8. Excludes the cost to retrofit 68 moorings with a 5,000 lb. mooring block;
9. Includes the cost to replace all steel members in the load path (includes mooring chain) when they reach 80% of their original thickness.
10. Guest moorage would increase +25% > Amd 4; +121% > UPD

Table 2

America's Cup Harbor 84 moorings vessels <35'	America's Cup Harbor 86 moorings Vessels >35'	Laurel Street 130 moorings	Shelter Island 44 moorings	Bay Bridge 69 moorings	Mediterranean Mooring at Laurel St 24 moorings
+ 27% >Amd4 + 18% >UPD	+25% > Amd 4 +25% > UPD	+29% >Amd 4 +10% > UPD	+31% >Amd 4 +2% > UPD	+31% >Amd 4 +2% > UPD	+ 27% >Amd4 + 18% >UPD

Marine Operations Department
January 11, 2002

Laurel Street Roadstead Public Mooring

Expansion Area (1987), BUOY DESIGNATION: A8-A10, B8-B10, B14, C9-C11, C15, D10-D12, D15, E7-E12, E14, F7-F14, G7-G13, H7-H13, J7-J12			
MAX. LOA ((ft)	MAX. DISPLACEMENT (lbs) FOR BOATS OF		
	SAILBOATS	CABIN CRUISERS, TRAWLERS, POWERBOATS	MULTIHULLS
24	unlimited	35000	unlimited
30	41000	28000	unlimited
36	29500	21500	unlimited
42	21000	17000	unlimited
48	19000	15500	unlimited
54	19000	15000	unlimited
60	19000	14500	unlimited
66	19000	13500	unlimited

Expansion Area (1987), BUOY DESIGNATION: A1-A7, A11-14, B6, B7, B11-B13, C7, C8, C12-C14, D7-D9, D13, D14, E13			
MAX. LOA ((ft)	MAX. DISPLACEMENT (lbs) FOR BOATS OF		
	SAILBOATS	CABIN CRUISERS, TRAWLERS, POWERBOATS	MULTIHULLS
24	unlimited	38000	unlimited
30	45000	31000	unlimited
36	33000	24500	unlimited
42	24000	18000	unlimited
48	20000	16500	unlimited
54	20000	16000	unlimited
60	20000	15500	unlimited
66	20000	14500	unlimited

Original Area (1984), BUOY DESIGNATION: B1-B5, C1-C6, D1-D6, E1-E6, F1-F6, G1-G6, H1-H6, J1-J6, K1-K3, L1, L2, M1			
MAX. LOA ((ft)	MAX. DISPLACEMENT (lbs) FOR BOATS OF		
	SAILBOATS	CABIN CRUISERS, TRAWLERS, POWERBOATS	MULTIHULLS
24	unlimited	unlimited	unlimited
30	unlimited	unlimited	unlimited
36	unlimited	55500	unlimited
42	56500	44000	unlimited
48	49000	33500	unlimited
54	46500	28500	unlimited
60	41500	25000	unlimited
66	39000	24000	unlimited

42 knots (48.33 mph) - Wind speed for design anchor recommended by the American Boat Yacht Council (ABYC).

Bay Bridge Roadstead Moorings

Area (1), BUOY DESIGNATION: A3-A11, B3-B11, C3-C11, D3-D11, E3-E11, F3-F11, G2, G3			
MAX. LOA ((ft)	MAX. DISPLACEMENT (lbs) FOR BOATS OF		
	SAILBOATS	CABIN CRUISERS, TRAWLERS, POWERBOATS	MULTIHULLS
24	unlimited	49500	unlimited
30	unlimited	41000	unlimited
36	44000	34000	unlimited
42	34000	25000	unlimited
48	28000	19500	unlimited
54	25500	19500	unlimited
60	24000	18500	unlimited
66	24000	17500	unlimited

Area (2), BUOY DESIGNATION: A2, B2, D2, E2, F2			
MAX. LOA ((ft)	MAX. DISPLACEMENT (lbs) FOR BOATS OF		
	SAILBOATS	CABIN CRUISERS, TRAWLERS, POWERBOATS	MULTIHULLS
24	unlimited	37500	unlimited
30	44500	30500	unlimited
36	32000	24000	unlimited
42	23500	17500	unlimited
48	20000	16500	unlimited
54	20000	16000	unlimited
60	20000	15000	unlimited
66	20000	14500	unlimited

Area (3) BUOY DESIGNATION: C2			
MAX. LOA ((ft)	MAX. DISPLACEMENT (lbs) FOR BOATS OF		
	SAILBOATS	CABIN CRUISERS, TRAWLERS, POWERBOATS	MULTIHULLS
24	unlimited	42000	unlimited
30	unlimited	34000	unlimited
36	36000	27500	unlimited
42	27000	19500	unlimited
48	21500	17500	unlimited
54	21500	17000	unlimited
60	21500	16500	unlimited
66	21500	15500	unlimited

42 knots (48.33 mph) - Wind speed for design anchor recommended by the American Boat Yacht Council (ABYC).

Bay Bridge Roadstead Moorings

Area (4), BUOY DESIGNATION: A1, B1, C1, D1, E1, F1 AND G1			
MAX. LOA ((ft)	MAX. DISPLACEMENT (lbs) FOR BOATS OF		
	SAILBOATS	CABIN CRUISERS, TRAWLERS, POWERBOATS	MULTIHULLS
24	unlimited	41000	unlimited
30	unlimited	34000	unlimited
36	36000	27000	unlimited
42	26500	19000	unlimited
48	21500	17500	unlimited
54	21500	17000	unlimited
60	21500	16000	unlimited
66	21500	15500	unlimited

42 knots (48.33 mph) - Wind speed for design anchor recommended by the American Boat Yacht Council (ABYC).

Shelter Island Roadstead Moorings

Area (1), BUOY DESIGNATION: S1, S2, S5, S7, S9, S11, S13, S15, S17, S19 S21, S30, S32, S34, S36, S38, S40, MARKER A			
MAX. LOA ((ft)	MAX. DISPLACEMENT (lbs) FOR BOATS OF		
	SAILBOATS	CABIN CRUISERS, TRAWLERS, POWERBOATS	MULTIHULLS
24	unlimited	unlimited	unlimited
30	unlimited	unlimited	unlimited
36	unlimited	75500	unlimited
42	unlimited	61500	unlimited
48	69000	49000	unlimited
54	66500	43000	unlimited
60	60000	35500	unlimited
66	57500	29500	unlimited

Area (2), BUOY DESIGNATION: S3, S23, S26, S28, S43, S44			
MAX. LOA ((ft)	MAX. DISPLACEMENT (lbs) FOR BOATS OF		
	SAILBOATS	CABIN CRUISERS, TRAWLERS, POWERBOATS	MULTIHULLS
24	unlimited	unlimited	unlimited
30	unlimited	unlimited	unlimited
36	unlimited	69500	unlimited
42	unlimited	56500	unlimited
48	63000	44500	unlimited
54	60500	39000	unlimited
60	54500	31500	unlimited
66	52000	27500	unlimited

Area (3), BUOY DESIGNATION: S4, S6, S8, S10, S12, S14, S16,
S39, S41, S42, MARKERS B & F

MAX. LOA ((ft)	MAX. DISPLACEMENT (lbs) FOR BOATS OF		
	SAILBOATS	CABIN CRUISERS, TRAWLERS, POWERBOATS	MULTIHULLS
24	unlimited	unlimited	unlimited
30	unlimited	unlimited	unlimited
36	unlimited	63000	unlimited
42	64500	50500	unlimited
48	56500	39500	unlimited
54	54000	34000	unlimited
60	48500	27500	unlimited
66	46000	26000	unlimited

42 knots (48.33 mph) - Wind speed for design anchor recommended by the American Boat Yacht Council (ABYC).

Shelter Island Roadstead Moorings

Area (4), BUOY DESIGNATION: S18, S20, S22, S24, S25, S27, S29, S31, S33, S35, S37, MARKERS C			
MAX. LOA ((ft)	MAX. DISPLACEMENT (lbs) FOR BOATS OF		
	SAILBOATS	CABIN CRUISERS, TRAWLERS, POWERBOATS	MULTIHULLS
24	unlimited	unlimited	unlimited
30	unlimited	unlimited	unlimited
36	unlimited	60000	unlimited
42	61500	48000	unlimited
48	53500	37000	unlimited
54	51000	32000	unlimited
60	45500	26000	unlimited
66	43000	25500	unlimited

42 knots (48.33 mph) - Wind speed for design anchor recommended by the American Boat Yacht Council (ABYC).

America's Cup Harbor Moorings

Area (1), BUOY DESIGNATION: A1-A11, B12, C1-C12, D1-D14, E15, F1-F15, G1-G16 and J1-J16 -- 36' LOA MAXIMUM			
MAX. LOA ((ft)	MAX. DISPLACEMENT (lbs) FOR BOATS OF		
	SAILBOATS	CABIN CRUISERS, TRAWLERS, POWERBOATS	MULTIHULLS
24	27000	21000	unlimited
30	24000	15000	unlimited
36	15500	13500	unlimited
42	-	-	-
48	-	-	-
54	-	-	-
60	-	-	-
66	-	-	-

Area (2), BUOY DESIGNATION: B1-B11, E1-E14 and H1-H16 -- 36' LOA MAXIMUM			
MAX. LOA ((ft)	MAX. DISPLACEMENT (lbs) FOR BOATS OF		
	SAILBOATS	CABIN CRUISERS, TRAWLERS, POWERBOATS	MULTIHULLS
24	39500	31000	unlimited
30	37000	24500	unlimited
36	25500	18500	unlimited
42	-	-	-
48	-	-	-
54	-	-	-
60	-	-	-
66	-	-	-

Area (3), BUOY DESIGNATION: K1-K4, M1-M14 N1-N14, P1-P14, Q1-Q13 and S1-S11 -- 54' LOA MAXIMUM			
MAX. LOA ((ft)	MAX. DISPLACEMENT (lbs) FOR BOATS OF		
	SAILBOATS	CABIN CRUISERS, TRAWLERS, POWERBOATS	MULTIHULLS
24	unlimited	unlimited	unlimited
30	unlimited	61500	unlimited
36	unlimited	52500	unlimited
42	50000	38500	unlimited
48	46000	31000	unlimited
54	43500	26500	unlimited
60	-	-	-
66	-	-	-

42 knots (48.33 mph) - Wind speed for design anchor recommended by the American Boat Yacht Council (ABYC).

America's Cup Harbor Moorings

Area (4), BUOY DESIGNATION: L1-L14, O1-O14, R3-R13 and U3 -- 54' LOA MAXIMUM			
MAX. LOA ((ft)	MAX. DISPLACEMENT (lbs) FOR BOATS OF		
	SAILBOATS	CABIN CRUISERS, TRAWLERS, POWERBOATS	MULTIHULLS
24	unlimited	unlimited	unlimited
30	unlimited	61500	unlimited
36	unlimited	52000	unlimited
42	49500	38500	unlimited
48	45500	31000	unlimited
54	43500	26000	unlimited
60	-	-	-
66	-	-	-

Area (5), BUOY DESIGNATION: R1 & R2 (54' LOA MAX.), T1-T4, U1, U2, V1 and V2			
MAX. LOA ((ft)	MAX. DISPLACEMENT (lbs) FOR BOATS OF		
	SAILBOATS	CABIN CRUISERS, TRAWLERS, POWERBOATS	MULTIHULLS
24	unlimited	unlimited	unlimited
30	unlimited	unlimited	unlimited
36	unlimited	unlimited	unlimited
42	unlimited	unlimited	unlimited
48	unlimited	82500	unlimited
54	unlimited	75000	unlimited
60	unlimited	65000	unlimited
66	98500	57500	unlimited

42 knots (48.33 mph) - Wind speed for design anchor recommended by the American Boat Yacht Council (ABYC).