

WATERFRONT PROJECTED SPENDING AND RESERVES EACH YEAR

	Length	Width	Sq Feet	Cost per unit/ Sq. Ft.	2020 Est. Replacm't \$	Useful Life built (est.)	Years until Replacem ent	Straight-line Add'l Reserve \$ ANNUALLY	Reserve. Required at end of 2020	Reserve Balance at 8/2020
South float	95	28	2660	\$35	\$93,100	1998	25	\$3,724	\$81,928	\$41,831
NE float	95	24	2280	\$35	\$79,800	1998	25	\$3,192	\$70,224	\$35,855
NW float	95	24	2280	\$35	\$79,800	1998	25	\$3,192	\$70,224	\$35,855
Outer float System	225.5	10	2255	\$35	\$78,925	2003	25	\$3,157	\$53,669	\$27,402
2 Anchors + chain for Floats	1			\$5,000	\$5,000	2015	12	\$417	\$2,083	\$1,064
Ramp Float	30	12	360	\$35	\$12,600	2003	25	\$504	\$8,568	\$4,375
Launch Float	37	15	555	\$35	\$19,425	2003	25	\$777	\$13,209	\$6,744
Inner Float System	186	10	1860	\$35	\$65,100	2018	25	\$2,604	\$5,208	\$2,659
Disposal of Old Floats					\$40,000		25			
Pilings for Floats (23)	23			\$1,250	\$28,750	2009	25	\$1,150	\$12,650	\$6,459
Total for FLOATS					\$502,500			\$18,717	\$317,763	\$162,243
Main Pier decking	200	10	2000	\$25	\$50,000	2010	20	\$2,500	\$25,000	\$16,792
Underdecking (beams, etc.)	1			\$40,000	\$40,000	2000	25	\$1,600	\$32,000	\$21,494
Pilings for Pier (46)	46			\$1,250	\$57,500	2000	25	\$2,300	\$46,000	\$30,897
cross bracing	23			\$300	\$6,900	2000	25	\$276	\$5,520	\$3,708
Ramps (2020)	3			\$6,000	\$18,000	1994	25	\$720	\$18,720	\$12,574
Ramps	2			\$6,000	\$12,000	2013	25	\$480	\$3,360	\$2,257
Dock House	1			\$12,000	\$12,000	2017	15	\$800	\$2,400	\$1,612
Electrical, including lights, phone,	1			\$35,000	\$35,000	2015	10	\$3,500	\$17,500	\$11,754
Water system (dock & ramp)	1			\$3,000	\$3,000	2015	10	\$300	\$1,500	\$1,008
Gin Pole	1			\$5,000	\$5,000	2010	15	\$333	\$3,333	\$2,239
jib hoist	1			\$15,000	\$15,000	2017	15	\$1,000	\$3,000	\$2,015
Total for PIER					\$254,400			\$13,809	\$158,333	\$106,350
Neptune (+ eng./trans. below)	1			\$91,200	\$91,200	1988	50	\$1,824	\$58,368	\$7,796
Trident (+ eng./trans. Below)	1			\$91,200	\$91,200	1997	50	\$1,824	\$41,952	\$5,604
Total LAUNCHES					\$182,400			\$3,648	\$100,320	\$13,400
Neptune Engine	1		10000 hr	25,000	\$25,000	2012	13	\$1,923	\$15,385	\$7,316
Neptune Transmission	1		3300 hrs	3,800	\$3,800	2016	4.5	\$844	\$3,378	\$1,606
Trident Engine	1		10000 hr	25,000	\$25,000	2019	13	\$1,923	\$1,923	\$915
Trident Transmission	1		3300 hrs	3,800	\$3,800	2019	4.5	\$844	\$844	\$402
Total LAUNCH	1				\$57,600			\$5,535	\$21,530	\$10,239
HERB FARNHAM	1			50,000	\$50,000	1985	50	\$1,000	\$35,000	\$7,000
WORKBOAT	1			10,000	\$10,000	2005	20	\$500	\$7,500	\$8,500
Kayak racks (5)	5			\$600	\$3,000	2015	10	\$300	\$1,500	\$146
Rowboat (9' Cobalt)	1			1,000	\$1,000	1992	25	(5)	N/A	\$97
Moorings >16' (18)	17		per list D	2,200	\$37,400	2000	20	(2)	\$1,870	\$37,400
Moorings < 17' (7)	5		per list D	1,200	\$6,000	2000	20	(2)	\$300	\$584
Flag Pole - Yard Arm	1			4,000	\$4,000	2000	40	18	\$100	\$2,000
Bulkhead (140'?)	1			45,000	\$45,000	2016	25	19	\$1,800	\$7,200
Launching Ramp	1			20,000	\$20,000	2010	25	13	\$800	\$8,000
Total GENERAL					\$116,400			\$5,170	\$63,100	\$6,142
Total HURRICANE	1			5000	\$5,000			\$0	\$5,000	\$5,000
Total for all WATERFRONT					\$1,178,300			\$48,379	\$708,547	\$318,874

Current Yr Reserve Additions

Projected Reserve Balance at Year End

Notes:

- 1) Timing of floats and pier is current assessment of needs
- 2) Assumes it is practical, and cost effective to replace pier over multiple years
- 3) Pilings coorespond to float and partial pier replacement
- 4) Timing requires multiple transmission replacements, assume engine comes w/ new trans.
- 5) Assumes no cost inflation, all figures are in 2019 dollars
- 6) Hurricane reserve must always be funded, and could be needed twice in one year
- 7) The year 2030+ is everything expected to be replaced after 2029
- 8) The costs and timing in this projection require complete updating every 4 years to ensure adequate future reserves
- 9) Reserves needs are understated as we don't include the additional funding needed for the next set of replacements beginning right after an asset is replaced.

2020 Unfunded S.L. Reserve Requirement -\$389,673

	2020 Est. Replac'm't \$	Projected Year of Replacement & Discounted Cost in 2020 Dollars										"Later" 2030+	
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029		
South float	\$93,100			\$93,100									
NE float	\$79,800					\$79,800							
NW float	\$79,800						\$79,800						
Outer float System	\$78,925				\$78,925								
2 Anchors + chain for Floats	\$5,000			\$5,000									
Ramp Float	\$12,600								\$12,600				
Launch Float	\$19,425								\$19,425				
Inner Float System	\$65,100												\$65,100
Disposal of Old Floats	\$40,000			\$10,000	\$10,000	\$10,000	\$10,000						
Pilings for Floats (23)	\$28,750				\$5,000						\$7,500		\$16,250
Total for FLOATS	\$502,500												
Main Pier decking	\$50,000					\$12,500			\$12,500	\$12,500			\$12,500
Underdecking (beams, etc.)	\$40,000			\$8,000	\$8,000	\$8,000	\$8,000		\$8,000				
Pilings for Pier (46)	\$57,500			\$11,500	\$11,500	\$11,500	\$11,500		\$11,500				
cross bracing	\$6,900			\$1,380	\$1,380	\$1,380	\$1,380		\$1,380				
Ramps (2020)	\$18,000	\$16,628											\$1,372
Ramps	\$12,000												\$12,000
Dock House	\$12,000												\$12,000
Electrical, including lights, phone,	\$37,220	\$2,220					\$35,000						
Water system (dock & ramp)	\$3,000								\$1,500	\$1,500			
Gin Pole	\$5,000							\$5,000					
jib hoist	\$15,000												\$15,000
Total for PIER	\$256,620												
Neptune (+ eng./trans. below)	\$91,200												\$91,200
Trident (+ eng./trans. Below)	\$91,200												\$91,200
Total LAUNCHES	\$182,400												
Neptune Engine	\$25,000						\$25,000						
Neptune Transmission	\$7,600		\$3,800									\$3,800	
Trident Engine	\$25,000												\$25,000
Trident Transmission	\$7,600					\$3,800				\$3,800			
Total LAUNCH	\$65,200												
HERB FARNHAM	\$50,000												\$50,000
WORKBOAT	\$10,000				\$8,500				\$1,500				
Kayak racks (5)	\$3,000							\$3,000					
Rowboat (9' Cobalt)	\$1,000			\$1,000									
Moorings >16' (18)	\$37,400			\$4,400	\$8,800			\$8,800			\$8,800		\$6,600
Moorings < 17' (7)	\$6,000					\$3,000					\$3,000		
Flag Pole - Yard Arm	\$4,000												\$4,000
Bulkhead (140'?)	\$45,000												\$45,000
Launching Ramp	\$20,000												\$20,000
Total GENERAL	\$116,400												
Total HURRICANE	\$5,000	\$5,000											
Total for all 1	\$1,188,120	\$23,848	\$3,800	\$129,380	\$137,105	\$129,980	\$170,680	\$16,800	\$68,405	\$17,800	\$23,100	\$467,222	
		\$18,848	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000
	\$318,874	313,874	355,074	270,694	178,589	93,609	(32,071)	(3,871)	(27,276)	(76)	21,824	(400,398)	

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YI	Projected Year End Balance of total Waterfront Reserves										2030+
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029 (ten years)	