

R3 Unit Cost adj. For R10		0.00	ANNUAL MAINTENANCE			DEFERRED MAINTENANCE			R-10 Facility Maintenance Cost Guide
Priority for Funding Codes		SUMMARY	H&S	Res	Mis	H&S	Res	Mis	
		Total Group #I (WCF Work):	\$0	\$0	\$0	\$0	\$0	\$0	
1	High Safety Hazard	Total Group #II (Architectural Work):	\$0	\$0	\$0	\$0	\$0	\$0	
2	Safety Hazard	Total Group #III (Mechanical Work):	\$0	\$0	\$0	\$0	\$0	\$0	
3	Structural Hazards	Total Group #IV (Electrical Work):	\$0	\$0	\$0	\$0	\$0	\$0	
4	Not According to Code	Total Group #I-IV:	\$0	\$0	\$0	\$0	\$0	\$0	
5	Critical Maintenance	Grand Total Groups #I-IV:	\$0			\$0			
6	Energy Conservation	Total Groups #I-IV/sf:	#DIV/0!			#DIV/0!			
7	Routine Maintenance	Base National Cost/sf:	#DIV/0!			#DIV/0!			
8	Outdated/Nice to have		Fields to be filled in by the Inspector						
Data Entry Form -- ANNUAL MAINTENANCE - BARGES (Version R10 9/07/2001)			Ranger District: Bldg ID # : Bldg Name: Size (GSF): (building only) Remote Location Factor Inspector: Insp Date: Year Constructed:						
FMMS #'s	CSI Division	Description	Cycle	Measurements		Annual Maint Cost			Priority for Funding
			Yrs	Quantity	Units	R10 Cost/Unit	H&S	Res	Mis
Division 2 - Hull Maintenance - WCF									
	Hull recoating	Tow & drydock barge, blast clean, prep and repaint hull exterior Including deck and appurtenances per sf of hull area (excluding steel deck under interior first floor).	10		SF	0.98			0
	Bilge recoating	Blast and recoat bilge at each haulout (floor only).	10		SF	0.61			0
	Hull paint touch-up	Grind rust and spot-recoat as needed annually; apply non-skid grit to deck	1		SF	0.05			0
	Deck appurtenance paint touch-up	Sand or brush and touch up deck appurtenances as necessary	1		LS	500.00			0
	Hanging Zincs	Replace hanging zincs	3		EA	30.00			0
	Hanging Zincs	Brush off and inspect annually	1		EA	12.00			0
	Winch Replacement	Replace 5-ton Beebe manual anchoring winches and smaller boom winches	20		EA	231.13	0		
	Capstan and Motor Replacement	Replace electric capstan motors and controls	20		EA	150.00			0
	Winch and Capstan Service	Grease and service all winches annually	1		EA	100.00			0
	Hatches and Bulkhead Doors	Service, grease, and inspect	1		EA	100.00	0		
	Emergency Bilge Pumps	Inspect, test, and service emergency electric bilge pumps annually	1		EA	75.00	0		
	Emergency Bilge Pumps	Replace emergency bilge pumps and controls	25		EA	240.00	0		
	Anchorage and Mooring Lines	Inspect Mooring and Anchor Lines Annually	1		Trip	500.00	0		
	Anchorage and Mooring Lines	Replace Mooring and Anchor Lines, Cable, Chain and Anchors as needed	5		LS	510.00	0		
	Other								
			Total Group I				0	0	0

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Building Category:				Bldg ID # :		Inspector:			
Location:				Bldg Name:		Insp Date:			
Maintenance Level:				Size (GSF):		Year Constructed:			
FMMS #'s	CSI Division	Description	Cycle yrs	Measurements		Annual Maint Cost			Priority for Funding
				Quantity	Units	R10 Cost/Unit	H&S	Res	
Division 1 - General									
	General	Seasonal cleaning (carpets, exterior windows, lighting fixtures, and other nonroutine cleaning)	1		SF	0.25			0 7
	Occupant Abuse	residential and field camps	1		SF	0.15			0 7
	Condition Survey Remote Site	Per barge	1		LS	460.00	0		5
	Seasonal Startup/Shutdown	Per barge	1		LS	1,026.00			0 7
	Floats	Replacement of floats for boat plane moorage (2 required @ 20'x24')	30		SF	1.94			0 7
	Other								
Division 5 - Metals									
	Aluminum Maintenance Deck	Inspect and secure fasteners on maintenance deck and rail annually	1		SF				0 7
	Other								
Division 6 - Wood									
	Cabinetry, Base or Wall	Replacement (per linear foot of base plus lineal foot of wall cabinet, excluding countertop)	25		LF	13.68			0 7
	Countertops	Replacement	25		LF	9.40			0 7
	Cabinetry, Bathroom Vanities	Replacement (Includes countertop)	25		LF	14.56			0 7
	Wood Decking, Porches	Replacement	25		SF	1.20			0 7
	Wood Decking, Porches	Maintenance; annual cost for deck anti-slip	3		SF	0.49			0 7
	Wood Stairs	Replacement cost (based on 4' wide by 12" treads)	25		RISER	6.57			0 7
	Wood Stairs	Annual cost for stair antislip	3		RISER	1.94			0 7
	Other								
Division 7 - Thermal & Moisture Protection									
	Roofing	Replacement (metal, standing seam)	25		SF	0.38			0 7
	Roofing	Annual inspection and minor repair	1		SF	0.10			0 7
	Gutters & Downspouts	Replacement (vinyl, per linear foot of gutter and spouts)	10		LF	0.99			0 7
	Gutters & Downspouts	Annual cost for cleaning and repair	1		LF	1.00			0 7
	Other								

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			Yrs	Quantity	Units	R10 Cost/Unit	H&S	Res	Mis	
Division 8 - Building Doors & Windows										
	Doors & Frames	Replacement (exterior doors, frames, hardware and weatherstripping)	25		Ea	54.72			0	7
	Doors & Frames	Replacement (interior doors, frames, hardware)	25		Ea	34.20			0	7
	Windows & Frames	Replacement (Glazing, Glass Replacement, Entire Unit)	25		Ea	41.04			0	7
	Windows and Doors	Annual sealing and adjustment	1		Ea	10.00			0	7
	Other									
Division 9 - Building Finishes										
	Acoustical Ceiling	Tile replacement (per s.f. of ceiling area)	25		SF	0.15			0	7
	Acoustical Ceiling	Annual cost for average replacement of 1 tile per 1000 sf (per actual sf)	1		SF	0.04			0	7
	Flooring - Carpet	Replacement, carpet and pad; (per sf of carpeted floor area second flr. and stair only)	10		SF	0.65			0	7
	Flooring - Vinyl	Replacement, vinyl; (per sf of vinyl floor area second flr bthrms & entries & first flr less mech. and area under stairs)	10		SF	0.70			0	7
	Painting-Exterior	Stain (per sf of exterior wall area)	5		SF	0.50			0	7
	Painting-Exterior	Repaint (per sf of actual wall area)	5		SF	0.45			0	7
	Painting-Interior	Repainting (per sf of interior wall area)Ceiling only	7		SF	0.17			0	7
	Pressure Wash	Roof, vinyl and metal siding	5		SF	0.18			0	7
	Other									
Division 10 - Specialties										
	Laundry - Crew	Service calls	1		BLDG	342.00	0			5
	Fire Extinguishers	One year & Five year inspections/tests	1		Ea	20.00	0			2
	Smoke Alarms	Annual inspections/tests	1		Ea	15.00	0			2
	Other									

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			Yrs	Quantity	Units	R10 Cost/Unit	H&S	Res	
Division 11 - Equipment									
	Appliances	Average per appliance (Range, refrigerator, washer, dryer, dishwasher)	10		Ea	132.70			0 7
	Range	Replacement	10		Ea	143.21			0 7
	Refrigerator	Replacement	10		Ea	148.77			0 7
	Refrigerator - Sunfrost	Replacement - Sunfrost High Efficiency Refridgerator	15		Ea	199.18			0 7
	Clothes Washer	Replacement	10		Ea	158.18			0 7
	Clothes Dryer	Replacement	10		Ea	120.13			0 7
	Dishwasher	Replacement	10		Ea	93.20			0 7
	Garbage Disposal	Replacement	10		Ea	47.20			0 7
	Microwave Oven	Replacement	10		Ea	47.20			0 7
	Trash Compactor	Replacement	10		Ea	132.70			
Division 12 - Furnishings									
Other									
Division 13 - Special Construction									
	Fuel Tank, steel, 1250 gal, in bilge	Empty, clean, repaint, and replace all gasketing and valves	25		Ea	120.00			0 7
	Fuel Tank, alum, 500 gal, in bilge	Empty, clean, and replace all gasketing and valves	25		Ea	120.00			0 7
	Fuel Tank	Annual cost of service	1		Ea	50.00			0 7
	Propane Tank	Replacement 100 gal; replace regulator	10		Ea	30.00	0		5
Other									
			Total Group II				0	0	0
Division 15 - Mechanical									
Plumbing									
	Fixtures-Water Closets	Replacement	25		Ea	44.48			0 7
	Fixtures- Showers	Replacement	25		Ea	53.49			0 7
	Fixtures- Lavatory	Replacement	25		Ea	28.11			0 7
	Fixtures- Kitchen Sink	Replacement	25		Ea	44.36			0 7
	Hot Water Heater-Electric	Annual cost of service	1		Ea	50.00	0		5
	Hot Water Heater-Oil/Gas/Prpoane	Annual cost of service	1		Ea	250.00	0		5
	Hot Water Heater-Electric	Replacement 50 gallon	10		Ea	95.80			0 7
	Hot Water Heater-Oil	Replacement 50 gallon	10		Ea	235.10			0 7
	Hot Water Heater-Oil	Replacement 70 gallon	10		Ea	320.60			0 7
Other									

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