

R3 Unit Cost adj. For R10		0.00			ANNUAL MAINTENANCE			DEFERRED MAINTENANCE			R-10 Facility Maintenance Cost Guide		
		SUMMARY			H&S	Res	Mis	H&S	Res	Mis			
Priority for Funding Codes		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8	Outdated/Nice to have	Fields to be filled in by the Inspector											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:			Remote Location Factor					
Building Category:					Bldg ID # :								
Location:					Bldg Name:								
Maintenance Level:					Size (GSF):		(building only)						
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	7	
	Bilge recoating	Blast and recoat bilge at each haulout (floor only).			10	SF		0.61			0	7	
	Hull paint touch-up	Grind rust and spot-recoat as needed annually; apply non-skid grit to deck			1	SF		0.05			0	7	
	Deck appurtenance paint touch-up	Sand or brush and touch up deck appurtenances as necessary			1	LS		500.00			0	7	
	Hanging ZinCs	Replace hanging zinCs			3	EA		30.00			0	7	
	Hanging ZinCs	Brush off and inspect annually			1	EA		12.00			0	7	
	Winch Replacement	Replace 5-ton Beebe manual anchoring winches and smaller boom winches			20	EA		231.13	0			2	
	Capstan and Motor Replacement	Replace electric capstan motors and controls			20	EA		150.00			0	7	
	Winch and Capstan Service	Grease and service all winches annually			1	EA		100.00			0	7	
	Hatches and Bulkhead Doors	Service, grease, and inspect			1	EA		100.00	0			2	
	Emergency Bilge Pumps	Inspect, test, and service emergency electric bilge pumps annually			1	EA		75.00	0			5	
	Emergency Bilge Pumps	Replace emergency bilge pumps and controls			25	EA		240.00	0			5	
	Anchorage and Mooring Lines	Inspect Mooring and Anchor Lines Annually			1	Trip		500.00	0			2	
	Anchorage and Mooring Lines	Replace Mooring and Anchor Lines, Cable, Chain and Anchors as needed			5	LS		510.00	0			5	
	Other												
								Total Group I	0	0	0		

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Location:		Bldg Name:			Insp Date:						
Maintenance Level:		Size (GSF):			(building only)			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 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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FMMS #'s	CSI Division	Description		Cycle	Measurements		Annual Maint Cost			Priority for Funding
				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									

**Total Groups #I-IV:
Grand Total Groups #I-IV:**