

Maintenance Tasks	Labor / Craft / Employee Category Required	# of Employees / Employee Category	Est. ST Labor Hours	Est. OT Labor Hours	Employee ST Wages	Employee OT Wages	Vessel Crew ST Labor \$/Hr	Vessel Crew OT Labor \$/Hr	EH ST Labor \$ / Hr.	EH OT Labor \$ / Hr.	Est. Material / Equipment Rentals / Services Costs	Travel Pay Hours	Crew Travel Pay Rate (%)	Travel Pay (\$)	Penalty Pay Hours	Penalty Pay Rate (% of wage)	Penalty Pay (\$)	Task Sub Total / Employee Category Labor & Material Costs	Est. VMP&I Task Cost - Vessel Crew	Est. VMP&I Task Cost - EH Personnel
<b>Provide Labor for USCG Annual Inspections</b>																				
<b>Vessel Crew:</b>	Assistant Engineer	2	10	2	\$34.84	\$69.68	\$53.26	\$78.72			\$1,000.00	1.5	\$39.36	\$118.08	2	100%	\$139.36	\$2,637.52	\$2,637.52	
		0	0	0	\$0.00	\$0.00	\$0.00	\$0.00				0	\$0.00	\$0.00	0	100%	\$0.00	\$0.00		
		0	0	0	\$0.00	\$0.00	\$0.00	\$0.00				0	\$0.00	\$0.00	0	100%	\$0.00	\$0.00		
		0	0	0	\$0.00	\$0.00	\$0.00	\$0.00				0	\$0.00	\$0.00	0	100%	\$0.00	\$0.00		
<b>EH Personnel:</b>	Machinist Journeyman	1	10	2	\$26.14	\$52.28			\$51.97	\$69.22	\$1,000.00	1.5		\$77.96	2	100%	\$52.28	\$1,788.38		\$2,576.75
	Electrical Journeyman	1	10	2	\$26.14	\$52.28			\$51.97	\$69.22		1.5		\$77.96	2	100%	\$52.28	\$788.38		
		0	0	0	\$0.00	\$0.00			\$51.97	\$69.22		0		\$0.00	0	100%	\$0.00	\$0.00		
		0	0	0	\$0.00	\$0.00			\$51.97	\$69.22		0		\$0.00	0	100%	\$0.00	\$0.00		
<b>Clean Scuppers</b>																				
<b>Vessel Crew:</b>	Assistant Engineer	1	4	0	\$34.84	\$69.68	\$53.26	\$78.72			\$250.00	0	\$39.36	\$0.00	1	100%	\$34.84	\$497.88	\$1,318.58	
	Oiler	1	8	0	\$23.23	\$46.46	\$36.73	\$52.48				0	\$0.00	\$0.00	6	100%	\$139.38	\$433.22		
	Wiper	1	8	0	\$20.46	\$40.92	\$33.09	\$46.22				0	\$0.00	\$0.00	6	100%	\$122.76	\$387.48		
		0	0	0	\$0.00	\$0.00	\$0.00	\$0.00				0	\$0.00	\$0.00	0	100%	\$0.00	\$0.00		
<b>EH Personnel:</b>	shore gang lead	1	4	0	\$26.98	\$53.96			\$51.97	\$69.22	\$250.00	0		\$0.00	1	100%	\$26.98	\$484.86		\$1,622.74
	shore gang	2	8	0	\$25.53	\$51.06			\$51.97	\$69.22		0		\$0.00	6	100%	\$306.36	\$1,137.88		
		0	0	0	\$0.00	\$0.00			\$51.97	\$69.22		0		\$0.00	0	100%	\$0.00	\$0.00		
		0	0	0	\$0.00	\$0.00			\$51.97	\$69.22		0		\$0.00	0	100%	\$0.00	\$0.00		
<b>Minor Bilge Preservation (Incl cleaning, mech. prep., &amp; painting.)</b>																				
<b>Vessel Crew:</b>		0	0	0	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	0	\$0.00	\$0.00	0	100%	\$0.00	\$0.00	\$0.00	
		0	0	0	\$0.00	\$0.00	\$0.00	\$0.00				0	\$0.00	\$0.00	0	100%	\$0.00	\$0.00		
		0	0	0	\$0.00	\$0.00	\$0.00	\$0.00				0	\$0.00	\$0.00	0	100%	\$0.00	\$0.00		
		0	0	0	\$0.00	\$0.00	\$0.00	\$0.00				0	\$0.00	\$0.00	0	100%	\$0.00	\$0.00		
<b>EH Personnel:</b>		0	0	0	\$0.00	\$0.00			\$51.97	\$69.22	\$0.00	0		\$0.00	0	100%	\$0.00	\$0.00		\$0.00
		0	0	0	\$0.00	\$0.00			\$51.97	\$69.22		0		\$0.00	0	100%	\$0.00	\$0.00		
		0	0	0	\$0.00	\$0.00			\$51.97	\$69.22		0		\$0.00	0	100%	\$0.00	\$0.00		
		0	0	0	\$0.00	\$0.00			\$51.97	\$69.22		0		\$0.00	0	100%	\$0.00	\$0.00		
<b>Re-Work Void Hatch at Car Deck</b>																				
<b>Vessel Crew:</b>		0	0	0	\$0.00	\$0.00	\$0.00	\$0.00			\$0.00	0	\$0.00	\$0.00	0	100%	\$0.00	\$0.00	\$0.00	
		0	0	0	\$0.00	\$0.00	\$0.00	\$0.00				0	\$0.00	\$0.00	0	100%	\$0.00	\$0.00		
		0	0	0	\$0.00	\$0.00	\$0.00	\$0.00				0	\$0.00	\$0.00	0	100%	\$0.00	\$0.00		
		0	0	0	\$0.00	\$0.00	\$0.00	\$0.00				0	\$0.00	\$0.00	0	100%	\$0.00	\$0.00		
<b>EH Personnel:</b>		0	0	0	\$0.00	\$0.00			\$51.97	\$69.22	\$0.00	0		\$0.00	0	100%	\$0.00	\$0.00		\$0.00
		0	0	0	\$0.00	\$0.00			\$51.97	\$69.22		0		\$0.00	0	100%	\$0.00	\$0.00		
		0	0	0	\$0.00	\$0.00			\$51.97	\$69.22		0		\$0.00	0	100%	\$0.00	\$0.00		
		0	0	0	\$0.00	\$0.00			\$51.97	\$69.22		0		\$0.00	0	100%	\$0.00	\$0.00		

**General Notes:**  
1) Yellow highlighted fields require reader input, and all numerical fields highlighted in yellow require population.  
2) Olive green fields represent Vessel Crew controlled areas  
3) Light Purple fields are EH controlled areas.

## Engine Room Employee Wages and Weighted Labor Rates, FY 2011

Job Classification	Hourly Wage	Straight Time Weighted Rate*	Over Time Weighted Rate**	Other (Travel) Weighted Rate**
Staff Chief Engineer (L)	\$45.36	\$67.32	\$102.41	\$51.20
Alt Staff Chief Eng (L)	\$42.16	\$63.07	\$95.26	\$47.62
Chief Engineer (L)	\$41.34	\$61.97	\$93.40	\$46.70
Assistant Engineer (L)	\$34.84	\$53.26	\$78.72	\$39.36
Oiler (U)	\$23.23	\$36.73	\$52.48	\$26.24
Wiper (U)	\$20.46	\$33.09	\$46.22	\$23.11

L= MEBA - Licensed

U= MEBA - Unlicensed

\* The straight time weighted wage rate is the primary cost center for labor costs for regular work hours paid at straight time pay. The weighted hourly wage rate includes the employer share of benefits for pension (5.31%), Social Security (6.2%), and Medicare (1.45%). This weighted wage rate also includes costs related to annual leave, sick leave, military/holiday/misc leave, health insurance, MEBA training fund and sick leave buy-out, based on historical averages for the two bargaining units.

\*\* Overtime weighted rate is twice the hourly wage rate plus pension (5.31%), Social Security (6.2%) and Medicare (1.45%). "Other" pay weighted wage rate, which includes travel time, is straight time pay plus pension (5.31%), Social Security (6.2%) and Medicare (1.45%).

