

Appendix A: Requirements Causing the Information Collection

Subject and Affected Population	33 CFR	Respondents
Subpart A – General		
Authorizing classification societies to perform plan reviews, certifications and inspections & Appeals.		
Any classification society that wishes to be authorized must submit an application to the Coast Guard. Classification societies authorized to perform such duties must keep available plans, calculations, records of inspections. Any person/classification society not satisfied with a ruling may appeal the ruling in writing. Any person not satisfied with a ruling may appeal the ruling in writing.	157.04(b), (c)(3) – (6) 157.06	Authorized Classification Societies are estimated to approve 75% of Build Plans annually. Historically one Appeal per year.
Subpart B - Design, Equipment, and Installation		
Owner or operator of a tank vessel engaged in the transfer of crude oil from an offshore oil exploitation or production facility on the Outer Continental Shelf must apply for acceptance of a special ballast arrangement, when necessary. Each tank vessel that carries oil in bulk must have an instruction manual that describes the automatic and manual operation of the cargo and ballast system in the vessel. Owner, builder or designer of a new vessel that carries oil in bulk as cargo and wishes to enter the navigable waters of the United States must submit documentation to the Coast Guard. Owner or operator of a tank vessel that will be modified to meet segregated ballast tanks requirements must submit calculations, plans and specifications for existing vessels.	157.10b(d) 157.23 157.24 157.24(a)	New US and Foreign Tank Vessels.
Subpart C – Vessel Operation		
Availability and use of the cargo and ballast system instruction manual. The master of a tank vessel must ensure that the instruction manual is available and used when the cargo or ballast systems are operated.	157.49	All US and Foreign Tank Vessels Carrying Oil in US annually. Foreign Tank Ships estimated as 50% of
Subpart D – Crude Oil Washing (COW) System on Tank Vessels		
Submission of COW plans for U.S. tank vessels.		
Owner or operator of a tank vessel must submit COW plans for U.S. tank vessels. The owner or operator of a U.S. tank vessel having a COW system must submit 2 copies of the COW operations and equipment manual for inspection of U.S. vessels. U.S. tank vessels having a COW system are required to have COW documents on board. If more than one tank vessel is constructed from the same plans, the owner or operator may submit a written request to the Commandant for only one of those tank vessels of the same class to be inspected. If a U.S. tank vessel has tanks similar in dimensions and internal structure, the owner or operator may submit a written request to the OCMI for only one of those tanks to be inspected. The owner or operator of a U.S. tank vessel that is to be inspected must submit to the Coast Guard inspector evidence that the COW piping system has passed a test of 1 ½ times the design working pressure. After passing the inspections, the owner, operator, and master shall ensure that the results of the inspections are recorded in the Crude Oil Washing Operations and Equipment Manual.	157.1 157.108 157.116 157.144 157.146 157.148 157.15	New US Tank Vessels.
Submission of COW plans for foreign tank vessels.		
Owner or operator of a foreign tank vessel must submit COW plans for the vessels. Foreign tank vessels having a COW system that desire a Coast Guard approved manual must submit 2 copies of a manual that meets 33 CFR 158.138. A foreign tank vessel having a COW system that desires a letter from the Coast Guard accepting the plans submitted must have COW documents on board. If a foreign tank vessel has tanks similar in dimensions and internal structure, the owner or operator may submit a written request to the Commandant for only one of those tanks to be inspected. The owner or operator of a foreign tank vessel that is to be inspected must submit to the Coast Guard inspector evidence that the COW system has been installed in accordance with the plans accepted. After passing the inspections, the owner, operator, and master shall ensure that the results of the inspections are recorded in the Crude Oil Washing Operations and Equipment Manual.	157.102 157.11 157.118 157.147 157.148 157.15	New Foreign Tank Vessels.
Subject and Affected Population		
Subpart E – Dedicated Clean Ballast Tanks on Tank Vessels		
Dedicated clean ballast tanks for U.S. tank vessels.		
Owner or operator of a tank vessel that will be modified to meet clean ballast tanks requirements must submit plans for U.S. Owner or operator of a tank vessel that will be modified to meet clean ballast tanks requirements must submit a manual. U.S. tank vessels equipped with dedicated clean ballast tanks are required to have related documents on board. The owner or operator of a tank vessel that wants to make alterations to the dedicated clean ballast tanks must submit plans to show alterations.	157.2 157.206 157.214 157.218	New US Tank Vessels.
Dedicated clean ballast tanks for foreign tank vessels.		
Foreign flag vessels that wish to obtain a letter from the Coast Guard accepting the clean ballast tanks plans, and fall under any of the DWT determinations above would have to show proof of meeting the clean ballast tanks requirements. Foreign flag vessels that wish to obtain a letter from the Coast Guard accepting the clean ballast tanks plans, and fall under any of the DWT determinations above would have to show proof of meeting the clean ballast tanks requirements and submit an operations manual. A foreign tank vessel equipped with dedicated clean ballast tanks that desires a letter from the Coast Guard accepting the plans submitted must have them on board. The owner or operator of a tank vessel that wants to make alterations to the dedicated clean ballast tanks must submit plans to show alterations.	157.202 157.202 157.208 157.216 157.218	New Foreign Tank Vessels.
Exemptions		
The owner or operator of a vessel seeking an exemption or modification from these requirements must submit an application requesting an exemption. The application must be in writing and submitted to the Commandant The owner, operator, and master of each vessel that has been granted an exemption must ensure that the letter that grants the exemption is on board the vessel, or the certificate of inspection bearing the exemption is on board the vessel.	157.302 157.310(e) and (f)	Historically none.

Appendix B: Total Estimated Annual Burden on Industry from Reporting Requirements

Build Plans Reviewed by ACS	75%
Total Annual Build Plans	126

Classification Society Copies of Build Plan Approvals

Annual Respondents	7	Annual Respondents	7
Annual Responses	95	Annual Responses	95
Hours per Response	1	Hour Burden	95
Hour Burden	95	Cost Burden	\$13,041
Wage Rate	\$138		
Cost Burden	\$13,041		

Build Plan and Related Submissions

US Tank Vessels				Annual Respondents	126
				Annual Responses	126
				Hour Burden	126
				Cost Burden	\$17,388
	Tank Ship	Tank Barge	Total		
Annual Respondents	4	11	15		
Annual Responses	4	11	15		
Hours per Response	1	1			
Hour Burden	4	11	15		
Wage Rate	\$138	\$138			
Cost Burden	\$552	\$1,518	\$2,070		

Foreign Tank Vessels

	Tank Ship	Tank Barge	Total
Annual Respondents	111	0	111
Annual Responses	111	0	111
Hours per Response	1	1	
Hour Burden	111	0	111
Wage Rate	\$138	\$138	
Cost Burden	\$15,318	\$0	\$15,318

Appeals and Exemptions

				Annual Respondents	1
				Annual Responses	1
				Hour Burden	4
				Cost Burden	\$552
	Appeals	Exemptions	Total		
Annual Respondents	1	0	1		
Annual Responses	1	0	1		
Hours per Response	4	8			
Hour Burden	4	0	4		
Wage Rate	\$138	\$138			
Cost Burden	\$552	\$0	\$552		

Total Reporting

Reporting Respondents	134
Reporting Responses	222
Reporting Hour Burden	225
Reporting Cost Burden	\$30,981

Appendix C: Total Estimated Annual Burden on Industry from Recordkeeping Requirements

Tank Ship Population: Foreign	7,872
Foreign Tank Ships in US per Year	50%

Tank Barge Population: Foreign	342
Tank Barge Population: Unspecified	20
Non-US Tank Barges Affected by COI	0%

US Tank Vessels

	Tank Ship	Tank Barge	Total
Recordkeeping Respondents	389	4,620	5,009
Recordkeeping Responses	389	4,620	5,009
Hours per Action	0.2	0.2	
Hour Burden	78	924	1,002
Wage Rate	\$138	\$138	
Cost Burden	\$10,736	\$127,512	\$138,248

Foreign Tank Vessels

	Tank Ship	Tank Barge	Total
Recordkeeping Respondents	3,936	0	3,936
Recordkeeping Responses	3,936	0	3,936
Hours per Action	0.2	0.2	
Hour Burden	787	0	787
Wage Rate	\$138	\$138	
Cost Burden	\$108,634	\$0	\$108,634

Unspecified Tank Vessels

	Tank Ship	Tank Barge	Total
Recordkeeping Respondents	94	0	94
Recordkeeping Responses	94	0	94
Hours per Action	0.2	0.2	
Hour Burden	19	0	19
Wage Rate	\$138	\$138	
Cost Burden	\$2,594	\$0	\$2,594

Total Recordkeeping

Recordkeeping Respondents	9,039
Recordkeeping Responses	9,039
Recordkeeping Hour Burden	\$1,808
Recordkeeping Cost Burden	\$249,476

Appendix D: Total Estimated Annual Burden on Industry

	Reporting	Recordkeeping	Total
Respondents	134	9,039	9,173
Responses	222	9,039	9,261
Hour Burden	225	1,808	2,032
Cost Burden	\$30,981	\$249,476	\$280,457

Total Respondents	9,173
Total Responses	9,261
Total Hour Burden	2,032
Total Cost Burden	\$280,457

*Estimates may not sum due to rounding

Appendix E: Estimated Annual Federal Government Cost

	ACS Approvals	Build Plans	Appeals	Total
Annual Respondents	7	126	1	134
Annual Responses	95	126	1	222
Hours per Review	5	10	40	
Hour Burden	473	1,260	40	1,773
Wage Rate	\$88	\$88	\$88	
Cost Burden	\$41,580	\$110,880	\$3,520	\$155,980

Total Respondents	134
Total Responses	222
Total Cost Burden	\$155,980

*Estimates may not sum due to rounding