

## Appendix A: Requirements Causing the Information Collection

Subject and Affected Population	33 CFR	Respondents
<b>Subpart A – General</b>		
<b>Authorizing classification societies to perform plan reviews, certifications and inspections &amp; Appeals.</b> 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.
<b>Subpart B – Design, Equipment, and Installation</b>		
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.
<b>Subpart C – Vessel Operation</b>		
<b>Availability and use of the cargo and ballast system instruction manual.</b> 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 Total Foreign Population.
<b>Subpart D – Crude Oil Washing (COW) System on Tank Vessels</b>		
<b>Submission of COW plans for U.S. tank vessels.</b> 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.
<b>Submission of COW plans for foreign tank vessels.</b> 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.
<b>Subject and Affected Population</b>		
<b>Subpart E – Dedicated Clean Ballast Tanks on Tank Vessels</b>		
<b>Dedicated clean ballast tanks for U.S. tank vessels.</b> 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.
<b>Dedicated clean ballast tanks for foreign tank vessels.</b> 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.
<b>Exemptions</b>		
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	196

**Classification Society Copies of Build Plan Approvals**

Annual Respondents	7	Annual Respondents	7
Annual Responses	147	Annual Responses	147
Hours per Response	1	Hour Burden	147
Hour Burden	147	Cost Burden	\$11,466
Wage Rate	\$78		
Cost Burden	\$11,466		

**Build Plan and Related Submissions*****US Tank Vessels***

				Annual Respondents	196
				Annual Responses	196
				Hour Burden	196
				Cost Burden	\$15,288
	Tank Ship	Tank Barge	Total		
Annual Respondents	4	1	5		
Annual Responses	4	1	5		
Hours per Response	1	1			
Hour Burden	4	1	5		
Wage Rate	\$78	\$78			
Cost Burden	\$312	\$78	\$390		

***Foreign Tank Vessels***

	Tank Ship	Tank Barge	Total
Annual Respondents	191	0	191
Annual Responses	191	0	191
Hours per Response	1	1	
Hour Burden	191	0	191
Wage Rate	\$78	\$78	
Cost Burden	\$14,898	\$0	\$14,898

**Appeals and Exemptions**

	Appeals	Exemptions	Total	Annual Respondents	1
Annual Respondents	1	0	1	Annual Responses	1
Annual Responses	1	0	1	Hour Burden	4
Hours per Response	4	8		Cost Burden	\$312
Hour Burden	4	0	4		
Wage Rate	\$78	\$78			
Cost Burden	\$312	\$0	\$312		

***Total Reporting***

Reporting Respondents	204
Reporting Responses	344
Reporting Hour Burden	347
Reporting Cost Burden	\$27,066

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

Tank Ship Population: Foreign	11,251
Foreign Tank Ships in US per Year	50%

Tank Barge Population: Foreign	237
Tank Barge Population: Unspecified	14
Non-US Tank Barges Affected by COI	0%

**US Tank Vessels**

	Tank Ship	Tank Barge	Total
Recordkeeping Respondents	412	5,025	<b>5,437</b>
Recordkeeping Responses	412	5,025	<b>5,437</b>
Hours per Action	0.2	0.2	
Hour Burden	83	1,005	<b>1,088</b>
Wage Rate	\$78	\$78	
Cost Burden	\$6,474	\$78,390	<b>\$84,864</b>

**Foreign Tank Vessels**

	Tank Ship	Tank Barge	Total
Recordkeeping Respondents	5,626	0	<b>5,626</b>
Recordkeeping Responses	5,626	0	<b>5,626</b>
Hours per Action	0.2	0.2	
Hour Burden	1,126	0	<b>1,126</b>
Wage Rate	\$78	\$78	
Cost Burden	\$87,828	\$0	<b>\$87,828</b>

**Unspecified Tank Vessels**

	Tank Ship	Tank Barge	Total
Recordkeeping Respondents	22	0	<b>22</b>
Recordkeeping Responses	22	0	<b>22</b>
Hours per Action	0.2	0.2	
Hour Burden	5	0	<b>5</b>
Wage Rate	\$78	\$78	
Cost Burden	\$390	\$0	<b>\$390</b>

**Total Recordkeeping**

Recordkeeping Respondents	<b>11,085</b>
Recordkeeping Responses	<b>11,085</b>
Recordkeeping Hour Burden	<b>2,219</b>
Recordkeeping Cost Burden	<b>\$173,082</b>

**Appendix D: Total Estimated Annual Burden on Industry**

	Reporting	Recordkeeping	Total
Respondents	204	11,085	<b>11,289</b>
Responses	344	11,085	<b>11,429</b>
Hour Burden	347	2,219	<b>2,566</b>
Cost Burden	\$27,066	\$173,082	<b>\$200,148</b>

<b>Total Respondents</b>	<b>11,289</b>
<b>Total Responses</b>	<b>11,429</b>
<b>Total Hour Burden</b>	<b>2,566</b>
<b>Total Cost Burden</b>	<b>\$200,148</b>

\*Estimates may not sum due to rounding

**Appendix E: Estimated Annual Federal Government Cost**

	ACS Approvals	Build Plans	Appeals	Total
Annual Respondents	7	196	1	204
Annual Responses	147	196	1	344
Hours per Review	5	10	40	
Hour	735	1,960	40	2,735
Wage Rate	\$105	\$105	\$105	
Cost	\$77,175	\$205,800	\$4,200	<b>\$287,175</b>

<b>Total Cost</b>	<b>\$287,175</b>
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\*Estimates may not sum due to rounding