

Appendix 1. Time and Cost (Private Sector) Page 1

Subchapter	K Reg	T Reg	Title	Time burden (hours)	Time burden (minutes)	Frequency	Annual time burden/ vessel (hours)	Number of vessels affected	Total annual time burden (hours)	Unit time cost (\$/hour)	Total time cost
Recordkeeping											
K	115.310		Certification expiration date stickers	0.08	5	Every 5 yrs.	0.02	All K	6	37	\$236
K	116.520		Emergency evacuation plan	0.50	30	One time	0.50	New K	4	61	\$244
K	116.530		Fire control plan	0.08	5	One time	0.08	New K	1	61	\$41
K	116.610 (g)(4)		Ventilation ducts	0.17	10	One time	0.17	New K	1	37	\$49
K	122.282		Logbook for vessels of >19.8 mtrs (65ft) with overnight accomodation for >49 passengers	0.02	1	Every trip	10.95	Some K	3,854	61	\$235,118
K	122.515		Passenger safety bill	0.08	5	One time	0.08	New K	1	37	\$25
K, T	115.302	176.302	Certificates and Permits	0.17	10	One time	0.17	New K & T	21	37	\$789
K, T	115.306	176.306	Stability letter	0.08	5	One time	0.08	New K & T	11	37	\$395
K, T	115.710	176.710	Inspection and testing prior to hot work	0.25	15	As needed	0.25	All K & T	1,476	91.5	\$135,031
K, T	115.810 (b)	176.810 (b)	Fire protection	1.00	60	Every 5 years	0.20	All K & T	1,181	91.5	\$108,025
K, T	120.220 (d)	183.220 (d)	General safety provisions	0.50	30	One time	0.50	New K & T	64	37	\$2,368
K, T	121.420	184.420	Charts and nautical publications	2.00	120	Annual	2.00	All K & T	11,806	61	\$720,166
K, T	121.506	184.506	Emergency broadcast placard	0.08	5	One time	0.08	New K & T	11	37	\$395
K, T	122.220	185.220	Records of a voyage resulting in a marine casualty	1	60	As needed	1	Some K & T	0	61	\$0
K, T	122.280	185.280	Official logbook for foreign voyages	0.08	5	Every voyage	29.12	Some K & T	8,595	61	\$524,281
K, T	122.340 (c)	185.340 (c)	Vessels carrying vehicles	0.33	20	One time	0.33	Some New K & T	2	37	\$78
K, T	122.402	185.402	Licenses	0.50	30	Annual	0.50	All K & T	2,952	61	\$180,042
K, T	122.506	185.506	Passenger safety orientation	0.03	2	Every trip	*	All K & T	51,427	61	\$3,137,075
K, T	122.510	185.510	Emergency instructions	0.08	5	One time	0.08	New K & T	11	37	\$395
K, T	122.514	185.514	Station bill	0.08	5	One time	0.08	New K & T	11	37	\$395
K, T	122.516	185.516	Life jacket placards	0.33	20	One time	0.33	New K & T	42	37	\$1,563
K, T	122.518	185.518	Inflatable survival craft placards	0.17	10	One time	0.17	New K & T	21	37	\$789
K, T	122.602	185.602	Hull markings	1.00	60	One time	1.00	New K & T	128	37	\$4,736
K, T	122.604	185.604	Lifesaving equipment markings	2.00	120	One time	2.00	New K & T	256	37	\$9,472
K, T	122.606	185.606	Escape hatches and emergency exits	0.17	10	One time	0.17	New K & T	21	37	\$789
K, T	122.608	185.608	Fuel shutoff valves	0.25	15	One time	0.25	New K & T	32	37	\$1,184
K, T	122.610	185.610	Watertight doors and watertight hatches	0.17	10	One time	0.17	New K & T	21	37	\$789
K, T	122.612	185.612	Fire protection equipment	2.00	120	One time	2.00	New K & T	256	37	\$9,472
K, T	122.702	185.702	Maintenance	0.25	15	One time	0.25	Some new K & T	7	61	\$451
K, T	122.704 (c)	185.704 (c)	Maintenance of falls	0.17	10	Every 2.5 years	0.07	Some K & T	13	37	\$467
T	183.320 (d) and (e)		Generators and motors	0.17	10	One time	0.17	New T	20	37	\$740
Reporting											
K, T	115.105 (a)	176.105 (a)	How to obtain or renew	0.50	30	Every 5 yrs.	0.10	All K & T	590	61	\$36,008
K, T	115.202	176.202	Permit to proceed	0.25	15	As needed	0.00	All K & T	15	61	\$900
K, T	115.204	176.204	Permit to carry Excursion Party	0.25	15	As needed	0.03	All K & T	148	61	\$9,002
K, T	115.500 (a)	176.500 (a)	When required	0.08	5	Every 3 yrs.	0.03	All K & T	157	61	\$9,602
K, T	115.612	176.612	Notice and plans required	0.50	30	Every 6 yrs.	0.08	All K & T	492	61	\$30,007

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Subchapter	K Reg	T Reg	Title	Time burden (hours)	Time burden (minutes)	Frequency	Annual time burden/ vessel	Number of vessels affected	Total annual time burden	Unit time cost	Total time cost	
K, T	115.700	176.700	Permission for repairs and alterations	0.50	30	As needed	0.50	All K & T	2,952	61	\$180,042	
K, T	115.704	176.704	Breaking of safety valve seals	0.17	10	As needed	0.00	All K & T	10	61	\$612	
K, T	115.920 (c)	176.920(c)	Exemption	0.50	30	As needed	0.50	Some K & T	2,804	61	\$171,039	
K, T	115.930	176.930	Equivalents	0.25	15	As needed	0.00	All K & T	15	61	\$900	
K, T	116.202	177.202	Plans and information required	1.00	60	One time	1.00	New K & T	128	61	\$7,808	
K, T	116.330	177.330	Sailing vessels	0.33	20	One time	0.33	Some new K & T	0.4	61	\$26	
K, T	116.340	177.340	Alternate design considerations	0.33	20	One time	0.33	Some new K & T	4	61	\$258	
K, T	122.208	185.208	Accidents to machinery	0.17	10	As needed	0.09	All K & T	502	61	\$30,607	
K, T	122.230	185.230	Report of an accident to an aid to navigation	0.17	10	As needed	0.09	All K & T	502	61	\$30,607	
Recordkeeping and Reporting												
K, T	122.502	185.502	Crew and passenger list	0.5	30	All approp. trips	25.00	Some K & T	73,788	61	\$4,501,038	
K, T	122.503	185.503	Voyage plan	0.67	40	All approp. trips	33.50	Some K & T	98,875	61	\$6,031,390	
K, T	122.504	185.504	Passenger count	0.08	5	All approp. trips	20.73	Some K & T	116,246	61	\$7,091,009	
									Total Annual Hours	379,479	Total Cost	\$23,206,456

* Not all K and T vessels have the same annual burden for this item. Those vessels that regularly operate on foreign voyages have an annual burden equal to 26 trips per year x 1 announcement per trip x 0.03 hours (2 minutes) per announcement = 0.78 hours. Those vessels that do not regularly operate on foreign voyages have an annual per vessel burden of 274 trips per year x 1 announcement per trip x 0.03 (2 minutes) per announcement = 8.22 hours.

Appendix 2. Time and Cost (Government) Page 3

Subchapter	K Reg	T Reg	Title	Time burden (hours)	Frequency	Annual time burden	Number of vessels affected	Total annual time burden (hours)	Unit time cost (\$/hour)	Total time cost
Recordkeeping										
K	115.310		Certification expiration date stickers	0.00	NA	0.00	All K	0	24	\$0
K	116.520		Emergency evacuation plan	0.50	One time	0.50	New K	4	49	\$196
K	116.530		Fire control plan	0.08	One time	0.08	New K	1	49	\$33
K	116.610 (g)(4)		Ventilation ducts	0.00	One time	0.00	New K	0	24	\$0
K	122.282		Logbook for vessels of >19.8 mtrs (65ft) with overnight accomodation for >49 passengers	0.00	Every trip	0.00	Some K	0	49	\$0
K	122.515		Passenger safety bill	0.00	One time	0.00	New K	0	33.5	\$0
K, T	115.302	176.302	Certificates and Permits	0.00	One time	0.00	New K & T	0	33.5	\$0
K, T	115.306	176.306	Stability letter	0.00	One time	0.00	New K & T	0	33.5	\$0
K, T	115.710	176.710	Inspection and testing prior to hot work	0.00	As needed	0.00	All K & T	0	46	\$0
K, T	115.810 (b)	176.810 (b)	Fire protection	0.00	Every 3 years	0.00	All K & T	0	46	\$0
K, T	120.220 (d)	183.220 (d)	General safety provisions	0.00	One time	0.00	New K & T	0	33.5	\$0
K, T	121.420	184.420	Charts and nautical publications	0.00	Annual	0.00	All K & T	0	33.5	\$0
K, T	121.506	184.506	Emergency broadcast placard	0.00	One time	0.00	New K & T	0	33.5	\$0
K, T	122.220	185.220	Records of a voyage resulting in a marine casualty	0.00	As needed	0.00	Some K & T	0	49	\$0
K, T	122.280	185.280	Official logbook for foreign voyages	0.00	Every voyage	0.00	Some K & T	0	49	\$0
K, T	122.340 (c)	185.340 (c)	Vessels carrying vehicles	0.00	One time	0.00	Some New K & T	0	33.5	\$0
K, T	122.402	185.402	Licenses	0.00	Annual	0.00	All K & T	0	49	\$0
K, T	122.506	185.506	Passenger safety orientation	0.00	Every trip	0.00	All K & T	0	49	\$0
K, T	122.510	185.510	Emergency instructions	0.00	One time	0.00	New K & T	0	33.5	\$0
K, T	122.514	185.514	Station bill	0.00	One time	0.00	New K & T	0	33.5	\$0
K, T	122.518	185.518	Inflatable survival craft placards	0.00	One time	0.00	New T	0	33.5	\$0
K, T	122.516	185.516	Life jacket placards	0.00	One time	0.00	New K & T	0	33.5	\$0
K, T	122.602	185.602	Hull markings	0.00	One time	0.00	New K & T	0	33.5	\$0
K, T	122.604	185.604	Lifesaving equipment markings	0.00	One time	0.00	New K & T	0	33.5	\$0
K, T	122.606	185.606	Escape hatches and emergency exits	0.00	One time	0.00	New K & T	0	33.5	\$0
K, T	122.608	185.608	Fuel shutoff valves	0.00	One time	0.00	New K & T	0	33.5	\$0
K, T	122.610	185.610	Watertight doors and watertight hatches	0.00	One time	0.00	New K & T	0	33.5	\$0
K, T	122.612	185.612	Fire protection equipment	0.00	One time	0.00	New K & T	0	33.5	\$0
K, T	122.702	185.702	Maintenance	0.00	One time	0.00	Some new K & T	0	49	\$0
K, T	122.704 (c)	185.704 (c)	Maintenance of falls	0.00	Every 2.5 years	0.00	Some K & T	0	33.5	\$0
T	183.320 (d) and (e)		Generators and motors	0.00	One time	0.00	New T	0	33.5	\$0
Reporting										
K, T	115.105 (a)	176.105 (a)	How to obtain or renew	0.17	Every 3 yrs.	0.06	All K & T	335	49	\$16,391
K, T	115.202	176.202	Permit to proceed	0.08	As needed	0.00	All K & T	5	49	\$231
K, T	115.204	176.204	Permit to carry Excursion Party	0.08	As needed	0.01	All K & T	47	49	\$2,314
K, T	115.500 (a)	176.500 (a)	When required	0.08	Every 3 yrs.	0.03	All K & T	157	49	\$7,713
K, T	115.612	176.612	Notice and plans required	0.50	As needed	0.08	All K & T	492	49	\$24,104
K, T	115.700	176.700	Permission for repairs and alterations	0.17	As needed	0.50	All K & T	2,952	49	\$144,624
K, T	115.704	176.704	Breaking of safety valve seals	0.17	As needed	0.00	All K & T	10	49	\$492
K, T	115.920 (c)	176.920 (c)	Exemption	0.17	As needed	0.17	Some K & T	2,804	49	\$137,392
K, T	115.930	176.930	Equivalents	0.17	As needed	0.00	All K & T	10	49	\$492
K, T	116.202	177.202	Plans and information required	1.00	One time	1.00	New K & T	128	49	\$6,272

Appendix 2. Time and Cost (Government) Page 4

Subchapter	K Reg	T Reg	Title	Time burden (hours)	Frequency	Annual time burden	Number of vessels affected	Total annual time burden	Unit time cost	Total time cost
K, T	116.330	177.330	Sailing vessels	0.33	One time	0.33	Some new K & T	0	49	\$21
K, T	116.340	177.340	Alternate design considerations	0.33	One time	0.33	Some new K & T	4	49	\$207
K, T	122.208	185.208	Accidents to machinery	0.17	As needed	0.09	All K & T	502	49	\$24,586
K, T	122.230	185.230	Report of an accident to an aid to navigation	0.17	As needed	0.09	All K & T	502	49	\$24,586
Recordkeeping and Reporting										
K, T	115.505	176.505	Stability verification	0.17	As needed	0.17	Some K & T	0	77	\$0
K, T	122.502	185.502	Crew and passenger list	0.02	All approp. trips	0.83	Some K & T	2,460	49	\$120,520
K, T	122.503	185.503	Voyage plan	0.02	All approp. trips	0.83	Some K & T	2,460	49	\$120,520
K, T	122.504	185.504	Passenger count	0.02	All approp. trips	4.15	Some K & T	23,249	49	\$1,139,211
Total Annual Hours								36,120	Total Cost	\$1,769,903

Appendix 3. Assumptions Page 5

Subchapter	K Reg	T Reg	Title	Assumptions
Recordkeeping				
K	115.310		Certification expiration date stickers	The application of the stickers takes about 5 minutes (0.08 hrs.) and occurs every 3 years. All K vessels (471) must do this. The work is done by an E1 - 5, outside government.
K	116.520		Emergency evacuation plan	Posting the plan is done once, by an O1/2 level individual, and takes 0.5 hrs. It only affects new K vessels (50).
K	116.530		Fire control plan	As above
K	116.610 (g)(4)		Ventilation ducts	Marking ventilation fire dampers is done once only and takes 10 minutes (0.17 hrs). It should only affect new K vessels (50) and is performed by an E-1 - 5.
K	122.282		Logbook for vessels of >19.8 mtrs (65ft) with overnight accomodation for >49 passengers	396 K vessels are >19.8 meters (65 ft). Approximately 2 entries, each taking 1minute (0.02 hrs), are made in the logbook every trip. Affected vessels make 1 trip per day and make trips on 75% of the year (274 days). Logbook is maintained by an O-1/2
K	122.515		Passenger safety bill	Identical assumptions to 116.520
K, T	115.302	176.302	Certificates and Permits	It takes 10 minutes to post these. Posting is done once and is done by an E- 1- 5. All new T& K vessels (150) must do this.
K, T	115.306	176.306	Stability letter	Posting takes 5 minutes. All other assumptions are as for 115.302 and 176.302, above.
K, T	115.710	176.710	Inspection and testing prior to hot work	The inspection, as well as the preparation of the certificate, takes 15 minutes. The work is performed by an O-3/4 level individual. All K & T vessels need this once per year.
K, T	115.810 (b)	176.810 (b)	Fire protection	The inspection occurs every 3 years. The inspection and preparation of the certificate require one hour for completion. All other assumptions are as for 115.710 and 176.710.
K, T	120.220 (d)	183.220 (d)	General safety provisions	Marking all electrical circuits and equipment takes 30 minutes, is performed once by an E-1 - 5, and affects all new K & T vessels (150).
K, T	121.420	184.420	Charts and nautical publications	Assembling all the necessary charts takes 2 hours and is performed annually. All K & T veseels require this and the work is performed by an O-1/2.
K, T	121.506	184.506	Emergency broadcast placard	Posting this takes 5 minutes and is done once by an E-1 - 5, for all new K and T vessels per year.
K, T	122.220	185.220	Records of a voyage resulting in a marine casualty	Data from MSMS show 181 and 525 marine casualties in 1998 for K & T vessels respectively. Maintaining and assembling records takes 1 hour per casualty. The work is done by an O-1/2.
K, T	122.280	185.280	Official logbook for foreign voyages	Only 5% of K & T vessels (338) regularly make foreign voyages. Approximately 2 entries, each taking 5 minutes (0.08 hrs), are made in the logbook every day on a voyage. Voyages are 7 days long and are undertaken 26 times per year. Logbook is maintained by an O-1/2.
K, T	122.340(c)	185.340(c)	Vessels carrying vehicles	Assume 5% of new K&T carry vehicles. It takes 20 minutes for each one to post all the "No Smoking" signs. The work is done by an E-1 - 5.
K, T	122.402	185.402	Licenses	It takes 30 minutes to assemble licenses. The work is done by an O-1/2. All T& K vessels must do this once annually.
K, T	122.506	185.506	Passenger safety orientation	is 1 trip made per day for 274 days of the year (non foreign voyages - 80% of pop'n). Vessels that regularly operate on foreign voyages make weekly trips for 26 weeks of the year. The announcement takes 2 minutes.
K, T	122.510	185.510	Emergency instructions	Mounting the instructions takes 5 minutes, is done once by all new K & T vessels and the work is done by an E-1 - 5.
K, T	122.514	185.514	Station bill	As for 122.510 and 185.510 above.

Appendix 3. Assumptions Page 6

Subchapter	K Reg	T Reg	Title	Assumptions
K, T	122.516	185.516	Life jacket placards	Posting life jacket placards takes 20 minutes. All other assumptions are as for 122.510 and 185.510 above.
K, T	122.518	185.518	Inflatable survival craft placards	Posting the placards takes 10 minutes. "X" have inflatable survival craft. All other assumptions are as for 122.510 and 185.510 above.
3	122.602	185.602	Hull markings	Making all the necessary hull markings takes 1 hour, is done once by an E-1 - 5 for all new K & T vessels.
K, T	122.604	185.604	Lifesaving equipment markings	Complying with all the requirements here takes 2 hours. All other assumptions are as for 122.602 and 185.602.
K, T	122.606	185.606	Escape hatches and emergency exits	Marking emergency exits and escape hatches takes 10 minutes. All other assumptions are as for 122.602 and 185.602.
K, T	122.608	185.608	Fuel shutoff valves	Marking fuel shutoff valves takes 15 minutes. All other assumptions are as for 122.602 and 185.602.
K, T	122.610	185.610	Watertight doors and watertight hatches	Marking watertight doors and hatches takes 10 minutes. All other assumptions are as for 122.602 and 185.602.
K, T	122.612	185.612	Fire protection equipment	Marking all fire protection equipment takes 2 hrs. All other assumptions are as for 122.602 and 185.602.
K, T	122.702	185.702	Maintenance	(survival craft). 343 and 985 existing K & T vessels have said equipment. Assume the same proportion of new vessels have survival craft. The work is done by an O-1/2.
K, T	122.704 (c)	185.704(c)	Maintenance of falls	The information collection required - marking the falls- takes 5 minutes and must be performed every 2.5 years. The recordkeeping is done by an E-1 - 5 for all K & T vessels.
T	183.320 (d) and (e)		Generators and motors	Attaching the nameplates to generators and motors takes 10 minutes per vessel. It is performed by an E-1 - 5 for all new T vessels and is done once per vessel. The report is made by an O-1/2.
Reporting				
K, T	115.105 (a)	176.105 (a)	How to obtain or renew	This takes 30 minutes, occurs every 3 yrs., is required for all K and T vessels and is performed by an O-1/2.
K, T	115.202	176.202	Permit to proceed	This takes 15 minutes. All K & T vessels do this once every other year. The application is filled out and submitted by an O-1/2.
K, T	115.204	176.204	Permit to carry Excursion Party	Assumptions identical to those of 115.202 and 176.202.
K, T	115.500 (a)	176.500 (a)	When required	This takes a 5 minute phone call every 3 years. All K & T vessels are required to do this. The call is made by an O-1/2.
K, T	115.612	176.612	Notice and plans required	All K&T vessels have to be drydocked for safety related repairs or load line examination approximately once every 6 years. The notice and plans are prepared and submitted by an O-1/2.
K, T	115.700	176.700	Permission for repairs and alterations	Submitting drawings etc. for alterations and repairs takes 30 minutes and occurs once every other year for all K and T vessels. The submission is performed by an O-1/2. Preparation and submission of plans takes 30 minutes.
K, T	115.704	176.704	Breaking of safety valve seals	Reporting takes 10 minutes and is necessary once every 10 years for all K & T vessels. The reporting is done by an O-1/2.
K, T	115.920 (c)	176.920(c)	Exemption	per year and have to apply for exemption. The time requirement is 30 minutes and performed by an O-1/2.
K, T	115.930	176.930	Equivalentents	Submitting the request for approval takes 15 minutes. All K & T vessels do this once per year. The submission is done by an O-1/2.

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Subchapter	K Reg	T Reg	Title	Assumptions
K, T	116.202	177.202	Plans and information required	Submitting all the necessary information takes 1 hour. All K & T vessels do this once. The individual who does this is an O-1/2.
K, T	116.330	177.330	Sailing vessels	Submitting the required documents takes 20 minutes and is required of all new K & T that are sailing vessels (1% =1.5). The submission occurs once and is performed by an O-1/2.
K, T	116.340	177.340	Alternate design considerations	Submission of the alternate design request takes 20 minutes, occurs once and 10% of all new K & T vessels will submit requests. The submission is done by an O-1/2.
K, T	122.208	185.208	Accidents to machinery	The report takes 10 minutes to prepare and submit. All K& T vessels do this once every other year. The submission is performed by an O-1/2.
K, T	122.230	185.230	Report of an accident to an aid to navigation	Assumptions identical to those of 122.208 and 185.208.
Recordkeeping and Reporting				
K, T	122.502	185.502	Crew and passenger list	certain criteria. Assume 50% of all K & T vessels need to do this 50 times per year. Submission is by an O-1/2.
K, T	122.503	185.503	Voyage plan	Preparing and submitting the list takes 40 minutes. All other assumptions are as for 122.502 and 185.502 above.
K, T	122.504	185.504	Passenger count	certain criteria. Assume 50% of all K & T vessels need to do this 274 times per year. Submission is by an O-1/2.

* Based on Assumptions made in Appendix 3 there are Approximately 32,677 responses Reported Annually as a Result of this Regulation.

Reporting	K Reg	T Reg	Title	Responses
K, T	115.105 (a)	176.105 (a)	How to obtain or renew	1,968
K, T	115.202	176.202	Permit to proceed	2,952
K, T	115.204	176.204	Permit to carry Excursion Party	2,952
K, T	115.500 (a)	176.500 (a)	When required	1,968
K, T	115.612	176.612	Notice and plans required	984
K, T	115.700	176.700	Permission for repairs and alterations	2,952
K, T	115.704	176.704	Breaking of safety valve seals	590
K, T	115.920 (c)	176.920(c)	Exemption	590
K, T	115.930	176.930	Equivalents	5,903
K, T	116.202	177.202	Plans and information required	5,903
K, T	116.330	177.330	Sailing vessels	1
K, T	116.340	177.340	Alternate design considerations	13
K, T	122.208	185.208	Accidents to machinery	2,952
K, T	122.230	185.230	Report of an accident to an aid to navigation	2,952

32,677

all K vessel #	383
all T vessel #	5,520
Total	5,903
new K vessel #	8
new T vessel #	120
Total	128

Appendix 4. Database Page 8

Data used in calculations

Population

Total population of K vessels	383
Total population of T boats	5520
Annual new entrants: K vessels	8
Annual new entrants: T boats	120
Number of T boats > 19.8 meters (65 ft.)	1167
Number of K vessels > 19.8 meters (65 ft.)	352
Percentage of K vessels that regularly operate on foreign voyages	0.05
Number of K vessels that regularly operate on foreign voyages	19
Percentage of T boats that regularly operate on foreign voyages	0.05
Number of T boats that regularly operate on foreign voyages	276
Percentage of new K vessels that carry vehicles	0.05
Number of new K vessels that carry vehicles	0
Percentage of new T boats that carry vehicles	0.05
Number of new T boats that carry vehicles	6
Percentage of new K vessels that are sailing vessels	0.01
Number of new K vessels that are sailing vessels	0
Percentage of new T boats that are sailing vessels	0.01
Number of new T boats that are sailing vessels	1
Percentage of K vessels that do not regularly operate on foreign voyages	0.95
Percentage of these that make at least 1 foreign voyage per year	0.5
Number of K vessels that make at least one foreign voyage per year but do not regularly operate on foreign voyages	182
Percentage of T boats that do not regularly operate on foreign voyages	0.95
Percentage of these that make at least 1 foreign voyage per year	0.5
Number of T boats that make at least one foreign voyage per year but do not regularly operate on foreign voyages	2622
Percentage of new K vessels that apply for alternate design considerations	0.1
Number of new K vessels that apply for alternate design	1
Percentage of new T boats that apply for alternate design	0.1
Number of new T boats that apply for alternate design considerations	12
Percentage of K vessels that make trips as outlined in 122.502 and 185.502	0.5
Number of K vessels that make trips as outlined in 122.502 and 185.502	192
Percentage of T boats that make trips as outlined in 122.502 and 185.502	0.5
Number of T boats that make trips as outlined in 122.502 and 185.502	2760
Percentage of K vessels that have falls	0.35
Number of K vessels that have falls	134
Percentage of T boats that have falls	0.01
Number of T boats that have falls	55
Number of existing K vessels that have primary lifesaving equipment	268
Percentage of new K vessels that have primary lifesaving equipment	0.70
Number of new K vessels that have primary lifesaving equipment	6
Number of existing T boats that have primary lifesaving equipment	1104
Percentage of new T boats that have primary lifesaving equipment	0.20
Number of new T boats that have primary lifesaving equipment	24

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Frequency

Number of passenger safety orientation announcements per trip	1
Number of non foreign trips per day for K & T vessels	1
Percentage of year operated by K & T vessels	0.75
Number of non foreign trips per year for K & T vessels	273.75
Number of logbook entries per non foreign trip	2
Number of foreign trips per year for K & T vessels	26
Number of logbook entries per day per foreign trip	2
Number of days per foreign trip	7
Number of times hotwork performed annually	1
Number of annual requests per vessel for permit to proceed	0.01
Number of annual requests per vessel for Excursion permit	0.1
Annual number of applications for permission for repairs and alterations	0.5
Annual occurrences of breaking of safety valve seals	0.01
Annual applications per vessel for equivalencies	0.01
Annual occurrences of reportable accidents to machinery	0.5
Annual occurrences of reportable accidents to aids to navigation	0.5
Number of annual trips taken per vessel that meet the criteria specified in 122.502 and 185.502	50
Number of falls per vessel	1
Annual number of foreign voyages undertaken by K & T vessels that ordinarily do not make foreign voyages	1
Annual occurrence of drydocking for safety related repairs or load line examinations	0.17