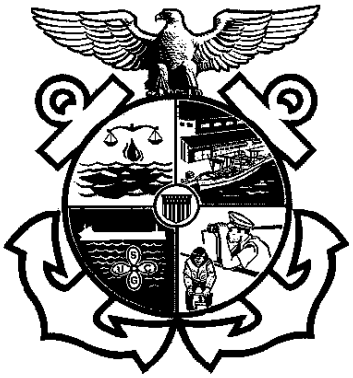
United States Coast Guard



ACSA 840 BOOK

Name of Vessel:	
Official Number:	***Exemption(s) requested:*** [ ] Load line [ ] Class
Date Completed:	***Location:***
Gear Type: [ ] Longline [ ] Trawl	
Examination Type(s): [ ] ACSA Renewal [ ] Mid-period [ ] Dry-dock exam [ ] COC [ ] Internal Structural (ISE) [ ] Other_____	
Inspectors:	

A-Admin
B-Stability
C-Dry-dock
D- Hull Gauging
E- Shaft & Rudder
F-Watertight integrity
G-Machinery
H-Life saving
I-Fixed firefighting
J-Fire & Safety
K-Drills
L-Comms & Nav.

ACSA 840 Version 1/1/2026

A – Administration	Interval	Reference
○ **1. ACSA Exemption Letter** ❑ **ACSA Exemption Renewal Exam** — Confirm a renewal request letter is on file with Sector — USCG Examiner endorses Renewal Examination block on existing letter. ❑ **ACSA Mid-Period Exam** — Confirm the ACSA Exemption Letter is on board and valid. — USCG Examiner endorses ACSA Mid-Period Examination block.	Annual	ACSA Guide
○ **2. Commercial Fishing Vessel Decal and Certificate of Compliance (COC).** ❑ **If conducted by a 3rd party organization** — Confirm a valid COC was issued within the past 2 years. — Confirm a valid Commercial Fishing Vessel Decal was issued within the past 2 years. ❑ **If conducted by the Coast Guard** — Exemption letter will be endorsed to satisfy the requirement for completion of the COC Exam. — Applicable items listed in the CFIVS Exam Book (CG-5587), and its supplement (CG-5587B) examined as part of each ACSA Exemption Renewal and Mid-Period Exam.	Annual	CG-5587 ACSA Guide Annex 2
○ **3. Valid Load Line Certificate? ___Yes ____No** ❑ **Issued by _____** **Issue date _____Exp. _____** **Annual endorsement date_____**	Annual	ACSA Guide

○ **4. The following logged entries must be verified/signed by the Captain or Chief Engineer as appropriate:** ❑ Drills & training (*may refer to drill records for details*) ❑ Watertight door status and maintenance (*may refer to watertight door status log*) ❑ Testing of factory sump pumps & interlocks (when installed) ❑ Weekly bilge alarm testing	Annual	ACSA Guide
○ **5. Station Bill** Designates each person's station & responsibilities ❑ Fire ❑ Flooding __Designates crewmembers to set watertight boundaries __Designates a crewmember(s) to operate dewatering equipment ❑ Abandon ship __Survival craft assignments ❑ Person overboard ***Note:*** *Safety sensitive duties should not fall primarily on untrained fish processors.*	Annual	ACSA Guide
○ **6. Licensing** Must have a Master, Mate, Chief Engineer, and Assistant Engineer; with appropriate endorsements for the tonnage and horsepower of the vessel to which they are sailing on. ❑ If vessel has been approved for automation in lieu of Assistant Engineer, automation check list must be used (see Annex 7)		

B - Stability		
○ **1. Stability Instructions** ❑ Examine Stability Letter and Addendum ❑ Identifies the location of loading mark and draft marks ❑ Ensure master and engineer are familiar with stability instructions and addendum	Annual	46 CFR 28.530
○ **2. Stability Addendum.** Examine stability addendum or LL-11D (on vessels with a load line) to ensure it identifies the following: ❑ Watertight bulkheads ❑ Watertight closures (location, size & type) ❑ Weather-tight closures (location, size & type) ❑ Coamings and vents (heights and locations) ❑ Automatic closure devices, operating stations for doors, hatches, scuttles, chutes, tank vents. ❑ Ventilation devices located on the main deck or above ❑ Sea valves: location, size, type, and remote operating stations. ❑ Size and number of freeing ports and drain lines provided.	Annual	ACSA Guide Section B or LL-11D
○ **3. 5 Year Stability Review** ❑ Not greater than 5 years since last inclining or verification of stability by deadweight survey. ❑ Stability letter reviewed by Marine Safety Center	Every 5 Years	MSC Guidance
○ **4. Factory Sump Pumps** ❑ Examine calculations to ensure sufficient capacity on each side of the factory equals or exceeds the maximum inflow rate as determined by a naval architect. ❑ If no sump pumps are used because freeing ports and /or scuppers are used, this must be listed in the stability addendum.	Annual	ACSA Guide Section B
○ **5. Stability Training** ❑ Unlicensed Masters have completed USCG accepted Stability Training (NPFVOA or AMSEA).		46 USC 4502 (g)(1)

C - Drydock and Internal Structural Exam	Interval	Reference
○ **1. Propeller(s)** ○ **2. Stern bushing(s)** ○ **3. Sea connections** ○ **4. Weldments.** Visually examine condition of all welds for (1) Washed out welds, (2) Cracking, (3) Excess pitting/corrosion ○ **5. Shell Plating.** Visually examine the condition of all shell plating which constitutes the watertight envelope.	Twice in 5 years not to exceed a 3-year interval	46 CFR 61.20-5 NVIC 7-68
○ **6. Sea Chests** ❑ Open for examination ❑ Check all welds, plating and thru -hull penetrations	5 yrs	46 CFR 61.20-5
○ **7. Sea Strainers.** Open for examination and clean	5 yrs	46 CFR 61.20-5(b)
○ **8. Sea and Overboard Valves** ❑ All valves within 6 inches and below of the deepest load waterline must be opened for examination and examined: (1) Seats (2) Guides (3) Body (4) Stem ❑ Valves located as close as possible to the side shell plating ❑ Valves are steel, bronze or other approved material ❑ Non-return valves removed and inspected ❑ Sea chest valves must be accessible from deck plate level without the use of reach rods. ❑ If deck plates cover or block access to sea valves, smaller access plates must be installed to provide access to valve handles and must be labeled	5 yrs	46 CFR 42.15-60 61.20-5 ABS rules 4-4-2/19 46 CFR 56.50-95
○ **9. Valves for emergency bilge suction** (if equipped) ❑ Open for examination and examined ❑ Entering space below the deck plates to open/close valves is avoided ❑ If large plates are above valves, smaller access plates must be installed to provide access and must be labeled	5 yrs	46CFR 61.20-5(b)

C - Drydock and Internal Structural Exam	Interval	Reference
○ **10. Internal Examination of Integral Fuel Oil Tanks** List or diagram of fuel tanks examined. ❑ _____ ❑ _____ ❑ _____ ❑ _____ ❑ _____ ❑ _____ _____	5 yrs	46 CFR 91.43-1
○ **11. Examination of internal spaces** List or diagram of spaces examined provided. ❑ _____ ❑ _____ ❑ _____ ❑ _____ ❑ _____	Twice in 5 years not to exceed a 3-year interval	46 CFR 91.40-3a
○ **12. Keel Coolers**	Twice in 5 years not to exceed a 3-year interval	46 CFR 56.50-96

C - Drydock and Internal Structural Exam	Interval	Reference
○ **13. Ground Tackle** ❑ Ensure suitable for vessel ❑ Anchors and chain / wire rope ranged ❑ Operational test of windless and chain locker pumping arrangements. ❑ Chain to be gauged; Maximum wastage allowed is 12%	5 yrs	ABS Rules Part 2, Chap. 2
○ **14. Hull Markings** ❑ Examine fore and aft draft marks ❑ Examine ACSA Maximum Loading Marks — Horizontal white mark 12 inches long,1 inch wide — Permanently marked by weld bead, punch marks or flat bar — Location as identified in the addendum to the stability letter — Port and starboard sides ❑ Examine Maximum Loading marks	Twice in 5 years not to exceed a 3-year interval	46CFR 97.40-10

D- Hull thickness gauging	Interval	References
○ **1. Periodic gauging requirement** ❑ Obtain copy of gauging report ❑ Gauging shall include, but not limited to the following: — Three transverse sections in the midship 0.5L — Internals of the fore and after saltwater peak tanks — Wind and water strakes, port and stbd, full length — All exposed main deck plating & superstructure deck — Two shots on each bottom plate at the discretion of the attending Marine Inspector — Sea chests — Other suspected areas throughout the hull.	5 yrs	ABS Rules 7-3-2 NVIC 7-68

E - Tail shaft and rudder examinations	Interval	Reference
○ **1. Each tail shaft must be drawn & visually inspected as follows:**		46 CFR
❑ **Single tail shafts**	Twice in 5 yrs	61.20-17(b)
❑ **Multiple shafts**	5 yrs	61.20-17(c)
❑ **Tail shafts with oil lubricated bearings** ***need not be pulled*** as long as each of the following is done:	Need not be pulled	61.20-17(e)
— Tail shaft bearing clearances at each dry-dock — Seal assemblies examined at each dry-dock	Each dry-dock	
— Analysis of tail shaft oil lubricant in accordance with manufacturer's recommendations.	Minimum 6 months	
— NDT tapered tail shaft and keyway in place (if fitted)	5 yrs	
— NDT coupling bolts and flange for props with coupling in place (if fitted).	When removed	
❑ **Tail shafts with inaccessible portions** fabricated materials resistant to corrosion by sea water, or fitted with a continuous liner, or a sealing gland which prevents sea water from contacting the shaft.	5 yrs	61.20-17(d)
○ **2. Tail Shaft Exam Item:** ❑ **Tail shafts with fitted keys** — NDT of forward 1/3 of the shaft's taper section and keyway — Visual examination of entire shaft ❑ **Shafts with propeller fitted by means of coupling flange** — NDT coupling flange, fillet at propeller end, coupling bolts — Visual examination of entire shaft	See D 1. For intervals	61.20-18(b) 61.20-18(c)
○ **3. Rudder and Rudder Shaft Examination, to include but not limited to the following:** ❑ Ensure rudder bearing clearances are within manufacturer's specifications.	Twice in 5 yrs	ABS Rules 3-2-11
❑ Rudder plating, welds, water leakage ❑ Rudder stocks, and if fitted with a tapered stock, the keyways, keys and locking nuts ❑ Pintles ❑ Gudgeons. ❑ Coupling bolts, if fitted with flange couplings ❑ Rudder supporting structure ❑ Skegs, fairwaters/fairings, shoe, pieces, carrier, and anti-lifting devices, if fitted	When removed	

<table>
<tr><th>E - Tail shaft and rudder examinations</th><th>Interval</th><th>Reference</th></tr>
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○ **4. Examination requirements for tail shaft bearing wear-down (Check Applicable Box)**

❑ Non-rubber water lubricated bearings must be refurbished as follows:

— Propelling machinery located amidships:

For shaft diameters		After stern tube bearing refurbished
Greater than	Less than or equal to	When clearance worn down to
	229 mm (9 in)	6.4 mm (.025 in)
229 mm (9 in)	305 mm (12 in)	7.95 mm (0.3125 in)
305 mm (12 in)		9.53 mm (0.375 in)

— Propelling machinery located aft:

For shaft diameters		After stern tube bearing refurbished
Greater than	Less than or equal to	When clearance worn down to
	229 mm (9 in)	4.8 mm (.1875 in)
229 mm (9 in)	305 mm (12 in)	6.35 mm (0.25 in)
305 mm (12 in)		7.93 m (0.3125 in)

❑ Rubber water lubricated bearings must be refurbished when any water groove is ½ the original depth.

❑ Oil lubricated bearings must be re-bushed when deemed necessary by the Officer in Charge, Marine Inspection. The manufacturer's recommendation shall be considered in making this determination.

</td><td>Twice in 5 yrs not to exceed 3 yr interval</td><td>46 CFR 61.20-23(a)

61.20-23(a)(1)

61.20-23(a)(2)

61.20-23(b)

61.20-23(c)</td></tr>
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F - Watertight and Weathertight Integrity	Interval	Reference
○ **1. All watertight/weather tight closures as listed in the stability addendum or ABS LL-11d:** ❑ Closures clearly labeled/identified & correlate to stability addendum or ABS LL-11d ❑ Labeled "Opening authorized for transit only – keep closed at sea" ❑ All dogs operable __ Strike at least 1/3 of wedge without the use of a wrench __ Dogs move downward for closure ❑ Chalk or light tested for fit and watertight integrity ❑ Seal not painted, badly cracked or deteriorated ❑ Examine sealing edge of closure frame. __Door frame/door not warped/knife edge not painted	Annual	ACSA Guide Section F Discussion ABS LL-11d
○ **2. All closures listed in stability booklet addendum shall have administrative controls for managing the status as listed below:** ❑ Closing watertight doors at sea enforced by master & mates. ❑ Detailed preventive maintenance schedule for each of the closures listed. ❑ Written instructions for at-sea security watches. ❑ Each closure listed must include required closure status for at least the following vessel conditions: — When the vessel is in transit — When the vessel is actively fishing/processing — When idle on the fishing grounds	Annual	ACSA Guide Section F Discussion

F - Watertight and Weathertight Integrity	Interval	Reference
○ **3. Personnel access doors located on the main deck and opening to the vessel's interior in the aft 1/3L of the vessel and other locations that pose a particular risk to down flooding:** ❑ If watertight door: — Minimum coaming height 3 inches — Shall be six-dog "quick acting" type ❑ If weathertight door — Minimum coaming height 24 inches	Annual	ACSA Guide Section F Discussion
○ **4. Factory space high water alarms** ❑ Installed in each corner of the factory **or** ❑ Installed in an alternate arrangement approved by the OCMI ❑ Alarm at water level greater than 6 inches ❑ Time delay (up to 5 seconds) may be allowed ❑ Visual alarm — Installed in the factory — Installed at the machinery control flat — Installed in the pilot house at pilot station instrument panel ❑ Distinctive indicator *(not to be confused with general alarm)* ❑ Audible alarm in pilot house	Annual	ACSA Guide Section F
○ **5. Vents** ❑ Ensure vent heights are min 30 inches above the main deck ❑ Examine condition of closures ❑ Examine vent balls and seats **Fuel tank vents** ❑ Inspect flame screen (minimum 30 X 30 mesh) ❑ operation and seating of ball check valves	Annual	46 CFR 42.15-50 56.50-85(a)7&8
○ **6. Below deck watertight doors, hatches and bulkheads** ❑ Existing internal watertight subdivision shall be maintained or restored to original condition — Watertight bulkheads — Bulkhead penetrations — Watertight doors	Annual	ACSA Guide section F

G - Machinery systems	Interval	Reference
○ **1. Fuel System** Fuel supply piping on the pressure side must be: ❑ Seamless piping of steel, annealed copper or brass or tubing or nickel copper meeting the requirements for materials and for thickness ❑ Non-metallic flexible hose allowed only where flexibility is required to prevent damage from vibration. Such hose must not be more than 30 inches in length. ❑ Fuel / hydraulic hoses meet J-1942 or SAE J-1942-1. ❑ Hose fittings meet SAE J-1475. ❑ Approved fire sleeve material as listed in the SAE qualified hose list installed over approved hose.	Annual	46 CFR 56.60 56.50-70(a)(2) 56.60-25(b)
○ **2. Sight gauges on tanks** ❑ Must be welded or brazed to the tank ❑ Must be heat resistant material ❑ Protected from mechanical damage ❑ Both ends of sight gauge must be fitted with devices that will automatically close should the gauge break	Annual	58.50-10(a)(6)
○ **3. Main Propulsion Machinery Testing** ❑ Obtain copy of the written test procedures ❑ Test automatic shut-down on over-speed (if installed) ❑ Test low lube oil pressure alarm and shut down ❑ Test jacket water high temperature alarm ❑ Maintained to manufacturer's specifications	Annual	46CFR 51.40-10 58.05-10 Table 62.35-50 ABS: 4-7-1
○ **4. Electrical and Auxiliary Prime Mover Testing** ❑ Obtain copy of written test procedures ❑ . Test over speed device so that the speed cannot exceed the maximum rated speed by more than 15% If automated, provide calibration standards set by the manufacturer. * ❑ Test alarm and shutdown of low lube oil sensor ❑ Test jacket water high temperature alarm ❑ Maintained to manufacturer's specifications	Annual	46CFR 111.12-1(b)&(c)
○ **5. Reverse Power Relay Test Generators** Test reverse power relays or mechanical interlock.	Annual	ACSA Guide Section G

○ **6. Preventative Maintenance Records** ❑ At the request of the examiner the owner/operator will provide preventive maintenance records for propulsion and electrical generation machinery.	Annual	ACSA Guide Section G
○ **7. Fire safety hazard survey** ❑ Conduct survey of machinery spaces to identify fire safety hazards.	Annual	ACSA Guide Section G
○ **8. Electrical wiring on main engines** ❑ Electrical cables connecting starting batteries to main propulsion starters ❑ Cables connecting main propulsion engines to generators — Must meet IEEE Std 45, IEC 92-3, MIL-C-24640A or MIL-C-24643A(2) — The use of electrical welding cables is not authorized	Annual	46CFR 111.60-1(a)
○ **9. Vital System Piping:** ❑ Examine fuel oil for main propulsion / emergency generators ❑ Examine lubricating oil systems ❑ Examine cooling water for main propulsion / emergency generators ❑ Examine bilge and ballast systems __Verify the operation of fixed bilge pump(s) to ensure they are capable of self-priming and taking suction from the furthest spaces from where the pumps are installed. ❑ Examine starting and control air systems ❑ Examine fire main and firefighting systems	Annual	46CFR 56.07-5(f) 56.50-1 56.50-60 56.50-80 56.50-95 56.50-57 56.50-15 56.70

○ **10. Non-metal expansion joints** ❑ External: Examine for excessive wear, fatigue, deterioration, damage, misalignment, improper flange to flange spacing, and leakage ❑ When external examination reveals excessive wear or other signs of deterioration or damage, internal examination must be conducted	Annual	46 CFR 61.15-12
○ **11. Pressure Vessels** (Compressed air receivers >5 CF) ❑ Internal and external examination ❑ Data plate or stamped data is legible ❑ Hydrostatic testing unless examined internally by a marine inspector & no defect found which would impair the safety of the pressure vessel. As an alternative, ultrasonic testing may be conducted on the lower 1/3 of the pressure vessel and at the marine inspector's discretion. ❑ Relief Valves tested: Set to relieve at or below MAWP	5 yrs 5 yrs Twice in 5 yrs	46 CFR 61.10-5 54.15-5
○ **12. Guards and Exposed Hazards** ❑ Each exhaust pipe within 15 feet of fuel, lube, or hydraulic oil sources must be insulated or otherwise guarded to prevent ignition. ❑ Guards shall be installed in way of all rotating machinery/equipment. ❑ No device used for hanging clothing or any other combustible material, in way of heaters.	Twice in 5 yrs	46 CFR 28.215
○ **13. Electrical Systems** ❑ There is no requirement or expectation that existing electrical system installations will comply with the standards for inspected vessels in wiring material and Marine Inspectors will not require replacement of electrical cabling and wiring without cause. Discovery of unsafe conditions will be a cause for modifications to such equipment at the discretion of the Marine Inspector. Any changes to electrical systems shall be in accordance with requirements for inspected vessels. ❑ Power strips shall not be used, except for a temporary basis and not used for general purpose power distribution. If used, they must be rated for marine use and in no circumstance will daisy chaining be allowed.	Twice in 5 yrs	UL NFPA

H - Life Saving Equipment & Arrangements	Interval	Reference
○ **1. Liferafts** ❑ Liferafts approved under 46 CFR 160.151. ❑ Mounted so can be manually launched by one person.	Annual	ACSA Guide Sect. H 1
○ **2. Liferaft Embarkation ladders** ❑ Must be installed for each life raft embarkation station that is five feet or more above the waterline in normal operating conditions ❑ Embarkation stations provided with a means to affix embarkation ladder to a welded pad eye or other suitable structurally sound device ❑ Each embarkation ladder lowered and inspected	Annual	Sect. H 2
○ **3. Immersion Suits** ❑ Immersion suits maintained to manufactures specifications ❑ Each immersion suit is required to be fitted with a Coast Guard approved strobe type PML.	Annual	NVIC 1-08 Sect. H 3

I-Fixed Fire Fighting Equipment & Arrangements	Interval	Reference
○ **1. Spaces requiring a fixed fire fighting system** ❑ Any space containing: — Internal combustion engine greater than 50 hp — An incinerator — Gasoline storage tank(s) or other flammable materials — Paint lockers over 60 cubic feet in volume	Annual	46 CFR 28.320(a)
○ **2. Engineered fixed fire extinguishing systems for main engineering spaces shall be:** ❑ Installed in accordance with 46 CFR 76.15 and other appropriate NFPA standards.	Annual	46 CFR 76.15 NVIC 6-72
○ **3. Spaces protected by fixed CO2 systems <u>OF NOT</u> more than 300 lbs** *CO2 cylinders may be located inside the protected space.* ❑ If cylinders are located <u>inside</u> the space protected: — A heat actuator is required that will automatically operate in addition to the remote pulls ❑ If cylinders are stored <u>in a CO2 room</u>: — Room must be well ventilated — Must not be located where ambient temp exceeds 130 deg. F — Cylinders must be securely fastened and supported ❑ Controls must be located outside the space protected ❑ Not located in an area that could be cut off or made inaccessible in the event of fire in space protected ❑ Complete but simple instructions for operation of the system must be in a conspicuous place near pull boxes and at the control station located at the cylinder location ❑ Alarm and time delay is required unless space is small and there is suitable horizontal escape from the space ❑ Perform functional test ❑ Cylinders weighed ❑ System must alarm for at least 20 seconds before CO2 is released ❑ Ventilation — Protected spaces with mechanical ventilation must automatically shut down on activation of the CO2 system. — Means for closing all openings to the space protected must be provided and must be able to be accomplished from outside the space.	Annual	<u>46 CFR</u> 76.15-20(b) 76.15-10(a) 76.15-20(b) 76.15-20(a) 76.15-20(b) 76.15-20(d) 76.15-10(a) 76.15-10(h) 76.15-10(f) 76.15-35(a) 76.15-35(c)

○ **4. Spaces protected by fixed CO2 systems <u>of MORE</u> than 300 pounds**	**Interval**	**Reference**
		46 CFR
❑ CO2 cylinders must be stored outside the space protected	Annual	
❑ Controls must be located outside the space protected		76.15-20(a)
❑ Not located in an area that could be cut off or made inaccessible in the event of fire in space protected		76.15-10(a)
❑ Complete but simple instructions for the operation of the system must be in a conspicuous place near pull boxes and at the control station located at the cylinder location		
❑ Alarm and time delay is required	Annual	
❑ Perform functional test		76.15-10(f)
❑ Cylinders weighed		
❑ System must alarm for at least 20 seconds before CO2 is released into space.		
❑ Ventilation		76.15-35(a)
— Protected spaces with mechanical ventilation must automatically shut down on activation of the CO2 system.		76.15-35(c)
— Means for closing all openings to the space protected must be provided and must be able to be accomplished from outside the space.		
○ **5. Pre-engineered fire extinguishing systems**		
May be used in place of fixed CO2 systems provided they are qualified by the restrictions and standards set forth in 46 CFR 28.320	Annual	46 CFR
		28.320(d)
❑ Spaces less than 33.98 cubic meters (1200 cubic ft.) that are normally unoccupied i.e.:		
— Small main engine spaces		
— Paint / flammable storage lockers		
❑ Must be approved by Commandant for the intended application		ACSA Guide Section I
❑ Capable of manual activation from outside the space in addition to any automatic actuation devices. Automatically shut down all power ventilation to the protected space.		
❑ A visible and audible alarm must sound at the vessel's operating station, indicating discharge		
○ **6. Heat detectors in spaces containing fixed gas fire extinguishing systems**	Annual	46CFR
❑ Heat detector (rate of rise / maximum temperature) must be installed in each space protected by a fixed gas fire extinguishing system		161.002

○ **7. Smoke Detectors for accommodation spaces** ❑ Acceptable detectors include: — Independent modular smoke detector: Must meet UL-217 standards. — Smoke actuated fire detecting unit: Must be installed IAW 46CFR76.33.	**Interval** Annual	**Reference** ACSA Guide section I discussion
○ **8. Structural fire protection** ❑ A-0 boundaries must isolate all internal combustion machinery spaces.	Annual	ACSA Guide section I discussion
○ **9. Non-combustible insulation.** ❑ Any insulation replaced in hidden spaces must be of non-combustible material IAW 46CFR Subchapter Q. ❑ If foam insulation is replaced it must be USCG or ABS approved material.	Annual	ACSA Guide section I discussion

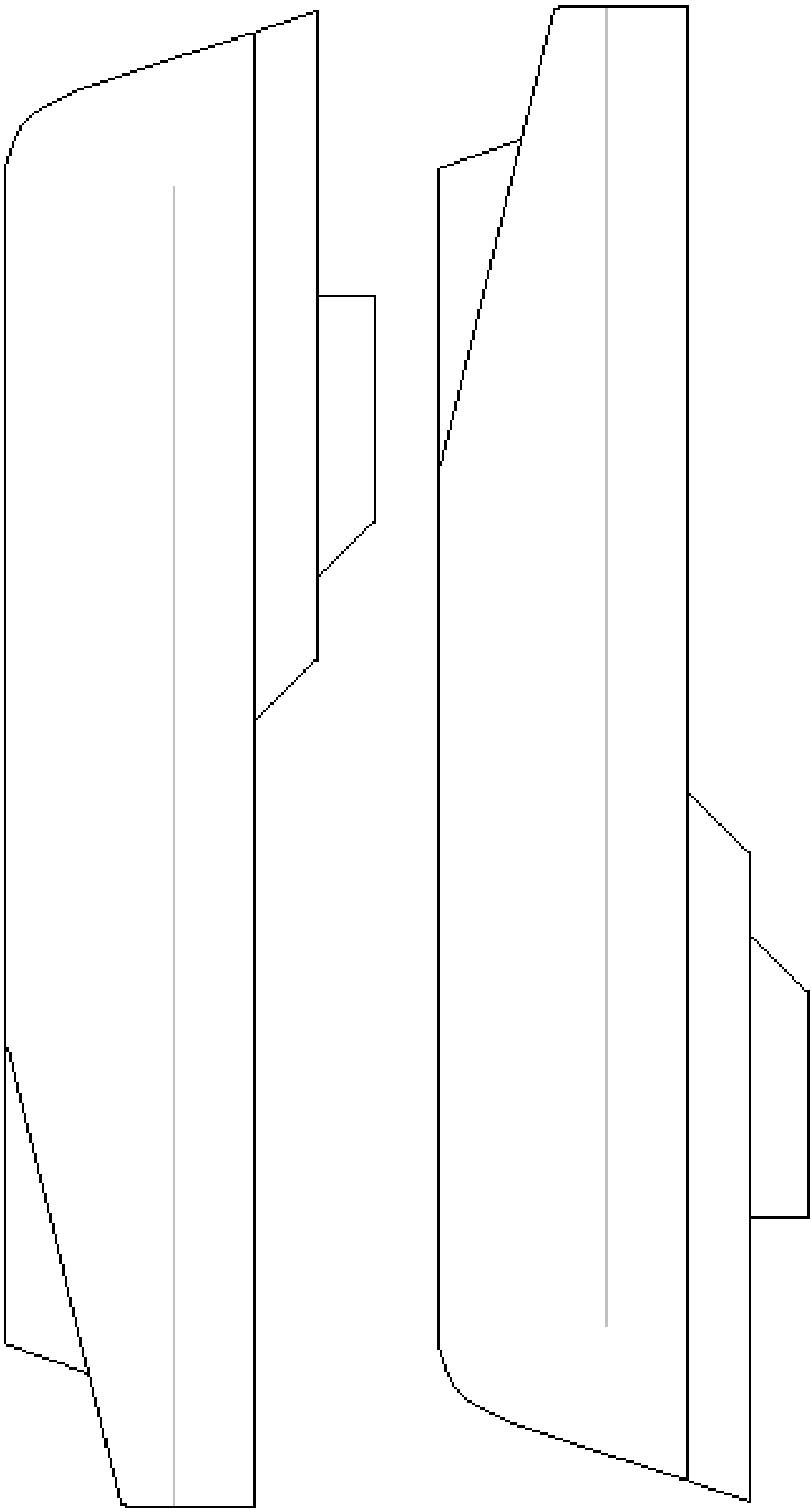
J - Other Fire Fighting and Safety Equipment	Interval	Reference
○ **1. Emergency Lighting** ☐ Locations sufficient for emergency egress ☐ Test reserve power supply ☐ Installed to illuminate, control stations and main/emergency switchboards	Annual	46 CFR 199.110, 46 CFR 112.43 ACSA Guide Section J
○ **2. Portable fire/dewatering pump** ❑ Must be independently powered ❑ Must be stowed outside the engine room ❑ Suction hoses must be capable of reaching into the bottom of all spaces. ❑ Internal combustion engines must have a means of venting the exhaust outside the space. *(It is acceptable to install a standpipe extending to the bilges for connection to the intake of the portable dewatering pump)* ❑ Sufficient suction hose w/foot valve to reach water from highest lift ❑ Sufficient 1.5-inch fire hose to reach any part of the vessel ❑ Hose(s) fitted with nozzle of corrosion resistant material capable of providing solid or straight stream, and spray pattern ❑ Pump capable of producing two effective 40-foot streams with "Y" gate valve from standard 1.5-inch fire hose	Annual	ACSA Guide Section J
○ **3. Firefighters' Outfits** ❑ Vessels with <u>less than</u> 26 people aboard shall have 2 outfits ❑ Vessels with 26 or more people aboard shall have 4 outfits ❑ NFPA Firefighter outfit shall include: — One positive pressure SCBA — Protective clothing with retro-reflective tape — Rigid helmet — Gloves — Boots — With attached lifeline — Fire axe (or another appropriate tool) ❑ Each SCBA will be provided with two spare air bottles	Annual	ACSA Guide Section J 46 CFR 96.35
○ **4. Crew training** ❑ Each fire team member (as identified on the Emergency Instructions as required by 46 CFR 28.265) who will wear the firefighter outfits shall provide proof of Coast Guard approved basic fire training.	Annual	46CFR28.265

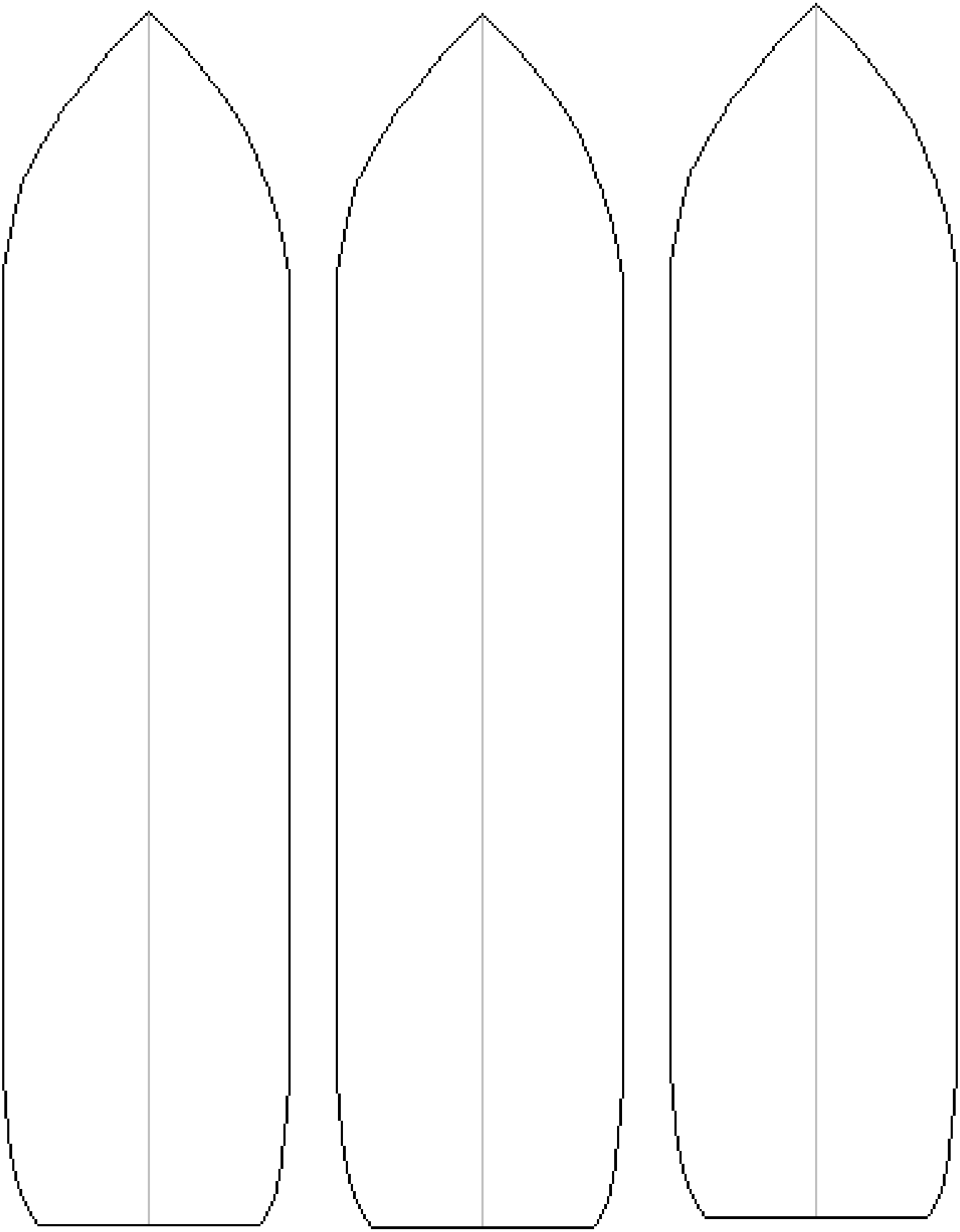
○ **5. Fire and Safety Plan** ❑ Up to date Fire and Safety Plans *audited every 5 years* ❑ General arrangement plans to show — Each control station for controlling ships radios, main navigation, emergency power, and where fire reporting and fire control equipment are centralized — Location of fire resisting bulkheads — Location of alarms — Location of extinguishing systems — Location of portable fire extinguishers — Means of access to different compartments and decks — Ventilation system and location of ventilation shutdowns and dampers — Details of alarms systems — Details of extinguishing systems — Life raft embarkation stations	Annual	ACSA Guide Section J 46 CFR 91.55-5(d)
○ **6. Freon detectors:** ❑ Installed in spaces containing main receiver and compressors ❑ Portable Freon detectors shall also be on board ❑ Must be calibrated within the manufacturer's specifications.	Annual	ACSA Guide section J
○ **7. CO2/Halon detection system** ❑ Installed in any accommodation space where gas cylinders are stored ❑ Test the function of the gas detection system	Annual	NFPA 12 Chapter 4.3.3.1.1

K - Emergency Drills and Training	**Interval**	**Reference**
○ **1. Emergency drills must be conducted by a trained individual in the presence of a USCG Examiner, to include but not limited to:** ❑ Fire ❑ Flooding __Includes setting of watertight boundaries __Team members demonstrate ability to properly rig, operate and dewater the most critical spaces below the waterline ❑ Abandon ship __ Including donning of immersion suits ❑ Person overboard	Annual	46 CFR 28.275 28.270

K - Emergency Drills and Training	Interval	Reference
○ **2. Required number of qualified drill conductors in crew complement** Persons on board / Certified Drill Conductors Less than 16 — 2 16-25 — 3 26-35 — 4 36 or more — Min. 5	Annual	ACSA Guide Section K
○ **3. Record keeping of emergency drills and training** ❑ Logged by the master — Includes date of each drill — Conducted not more than 30 days from previous drill — Log should indicate those that did not participate and why — Summary of what happened during the drill — Must be maintained on board for 1 year and in the main office for 3 years ❑ Records of drills and instruction include at least the following contingencies: — Abandon ship — Launching survival craft — Donning immersion suits or PFDs — Making voice radio distress calls/using visual distress signals — Recover person overboard — Activating general alarm — Reporting inoperative alarm & fire detection systems — Minimizing effects of accidental flooding — Fighting a fire — Donning firefighters' outfits / SCBAs if equipped	Annual	ACSA Guide Section K 46 CFR 28.270
○ **4. Communications among crew** ❑ Vessel has AMSEA or NPFVOA safety videos tapes / CDs that provide training on emergency procedures for non-English speaking crew.	Annual	ACSA Guide Section K

L – Emergency Communications and Navigation	Interval	Reference
○ **1. Notification prior to discharging fixed systems** ❑ Vessel policy requires notification of the Master prior to fixed system activation : ❑ Must have clear written procedures ❑ Signed by Master and Chief Engineer	Annual	ACSA Guide Section L
○ **2. Fixed System emergency communications equipment** ❑ Installed communication system between activation control station and wheelhouse must be installed or ❑ Emergency handheld radios may be used to meet this requirement. — Radios are stowed upon the bridge and at the controls to the fixed fire fighting system.	Annual	ACSA Guide Section L
○ **3. Automatic Identification System (AIS)** ❑ Must have an approved AIS installed and operational	Annual	ACSA Guide Section L
○ **4. Global Maritime Distress Signal System (GMDSS)** ***Fish Processing Vessel 300 GT and over:*** ❑ Search and Rescue Transponder (SART) — < 500 GT 1 SART — ≥ 500 GT 2 SARTs ❑ 3 VHF handheld transceivers NOTE: A transceiver permanently installed in a life raft may be counted toward this requirement — Must operate on channel 16 and one other channel (channel 6 recommended) ❑ 2 VHF radio installation — Capable of operating on: - Channel 6 (156.3 MHz), - Channel 13 (156.65 MHz); and, - Channel 16 (156.8 MHz) ❑ 1 MF radio installation (Single Side Band) — Capable of operating on 2 frequencies between (1605-3500 kHz) ❑ 1 NAVTEX receiver	Annual	ACSA Guide Section L





Compliance Matrix

Section	Section Title	USCG District Commander	Accepted Organization (ABS / DNV)	Surveyor from a Similarly Qualified Organization	USCG Marine Inspector	USCG Fishing Vessel Examiner	Naval Architect
A	ACSA Enrollment (Exemption Letter)	*Every two years*					
A	ACSA Exemption Renewal Examination				*Every Two Years*		
A	ACSA Mid-period Examination				*Annually*		
A	Certificate of Compliance or Coast Guard exam to include (46 CFR 28) (33 CFR 151 & 155)		*Annually*	*Annually*	*Annually*	*Annually*	
B	Stability Tests & Reports		*5 Years*				*5 Years*
C	Drydock / Internal Structural Exam				*Twice in 5 Years, NTE 3 Years*		
D	Tail Shaft Exam				*See sec. D*		
E	Hull Audio Gauging				*5 Years*		
F	Watertight & Weather-tight Closures				*Annually*	*Annually*	
G	Machinery Inspection				*Annually*		
H	Life Saving Arrangements				*Annually*	*Annually*	
I	Fixed Fire Fighting Arrangements				*Annually*	*Annually*	
J	Other Fire Fighting Equip & Plans				*Annually*	*Annually*	
K	Emergency Drills & Training				*Annually*	*Annually*	
L	Emergency Communications				*Annually*	*Annually*	

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