College of Natural Sciences and Mathematics Boating Safety Manual

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This manual does not attend to every situation that may be encountered. Consult with the BSO whenever an issue in question arises that is not addressed here.

Emergency & Reference Contacts

Emergency 911

United States Coast Guard (USCG) 510-437-5364

Vessel Assist 800-367-8222

Long Beach Harbor Patrol 562-570-9911

Marine Lab 562-985-4907 Cell 714-317-6246 (BSO Yvette Ralph)

CSULB Police 562-985-4101

Campus Environmental Health and Safety 562-985-2283

CNSM Safety Office 562-985-5623

CNSM Safety Office Cellular 714-222-0963

CNSM Safety Website: http://www.cnsm.csulb.edu/services/safety/index.shtml

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I. Scope and Applicability

Purpose

The purpose of the College of Natural Sciences and Mathematics (CNSM) Boating Safety Program is to ensure an appropriate level of safety for the operator(s) and personnel involved in boating operations, and to ensure that watercraft and equipment are operated in a safe and responsible manner when piloted by CNSM personnel for University business.

Scope

The Boating Safety Program includes the Boating Safety Manual as follows, and all required training as described below. This Program operates in conformance with the Scientific Boating Safety Association (SBSA), a consortium of west coast institutions and universities that has established guidelines for safe boating practices, training and certification that will foster a working reciprocity among organizational members (SBSA Boating Safety Manual Sec.1.0). This program applies to motorized watercraft used for university business (including use of rented, leased, or personally-owned vessels) when employed under the auspices of CNSM. The CNSM Boating Safety Program is directed by the Dean of the CNSM and is administered through the CNSM Safety Office. A CNSM Boating Safety Officer (BSO) shall be appointed by the Dean and shall be responsible for the day-to-day application of the Program.

Non-motorized watercraft are not directly regulated in this Manual, but are recognized as potentially hazardous. CNSM personnel who supervise those who use non-motorized watercraft are strongly encouraged to apply as many of this Manual's safety provisions as possible.

Operators - Boat operators must:

- 1. Be a CSU employee or Dean-appointed Volunteer
- 2. Be in good standing with the Program as determined by the BSO.
- 3. Have completed of the Department of Boating and Waterways Safety Course (or equivalent) examination.
- 4. Have completed the CNSM Boating Safety Training to the satisfaction of the BSO.

Persons on Board

- 1. All personnel aboard a vessel piloted by CNSM personnel on university business must be one of the following: CSU Foundation employee, student with a legitimate role, visiting researcher (with prior approval of BSO), or, a formally appointed volunteer with the College of Natural Sciences and Mathematics/CSU.
- 2. A qualified person who works for the media or an official agency associated with boating and/or marine safety, e.g. Department of Fish and Game, Police, Harbor Patrol, United States Coast Guard, or Law Enforcement.
- 3. Simple passenger transport is not allowed—all must be research related. Guests and pets are not permitted aboard.

II. Responsibilities

The BSO shall:

- 1. be responsible for ensuring that all watercraft are operated in compliance with the CNSM Boating Safety Manual, other University policies, and government regulations associated with travel and field operations.
- 2. be qualified to administer the CNSM Boating Safety Program Training and must be competent in the handling of all watercraft used by CNSM personnel on University business.
- 3. maintain and document service to boats, engines and trailers following the manufacturer's recommended service schedule or other appropriate preventative maintenance guide. Select service vendors as needed.
- 4. be responsible for reviewing and approving/denying float plans and reviewing at least monthly the boat underway logs for accuracy and completeness.
- 5. have final approval on the acquisition of equipment, e.g. watercraft, engines, trailers, oars, and safety equipment. Planned acquisitions must be communicated to the BSO well in advance of such acquisitions.
- 6. sit as the representative to meetings and events of the SBSA and ensure that the CNSM Boating Safety Program is under compliance of SBSA regulations.
- 7. grant exceptions that provide an equivalent degree of safety to this manual as needed.

Note: Any conflicts between CNSM boaters and the Boat Safety Officer shall be resolved via the CNSM Safety Office and/or Office of the Dean.

Project Supervisor shall: (a project supervisor is a faculty member, staff member, or administrator that has approved the project materials and methods employing powered boats)

- 1. be responsible for ensuring that all boat operators she/he supervises or directs have completed the CNSM Boating Safety Program Training and are currently authorized to operate watercraft.
- 2. be responsible for providing information and project training to each supervised individual regarding the specific hazards to which the person (including those who do not operate the watercraft) may be exposed while performing his/her duties.
- 3. This training shall be provided before the project is undertaken. Additional training shall be provided as necessary. Documentation of this training is strongly recommended in all cases, but is REQUIRED by CSU Executive Order 1069 for students below the 696 level.
- 4. ensure that any required permits (e.g. collecting permits) are in possession when required.
- 5. ensure that they never direct an inadequately trained student/employee to perform a potentially hazardous operation.
- 6. be responsible for ensuring that the project personnel adhere to BSO approved float plans and the provisions of this manual.

The Boat Operator shall:

- 1. have successfully completed the Boating Safety Program Training and must adhere to all Program rules and procedures and stay current with mandatory continuing education and refresher training.
- 2. be responsible for understanding and abiding by all appropriate Federal, State, Local and CNSM policies and regulations concerning safety, trailering and launching, rules of the road, watercraft usage, Coast Guard-required equipment etc.
- 3. Operators of boats are liable for citations received due to the violation of the above policies and regulations
- 4. be ultimately responsible for the safety of the watercraft and all aboard.
- 5. refuse to operate a vessel or trailer and/or continue an operation in progress if in his/her judgment the conditions are unsafe or if operation would be violating the precepts of CNSM training or the rules of this document.
- 6. be responsible for making sure all gear, vessel systems, and equipment required by State and Federal regulation or that directly affect personal or vessel safety are working properly before departure.
- 7. submit a verbal notification to the BSO a minimum of 48 hours in advance of the intended departure; in addition, a float plan (see Appendix I) shall be submitted at least 24 hours before departure, unless special circumstances dictate otherwise. Any watercraft used on university business may not be operated unless the float plan has been approved by the BSO.

maintain the underway log and record hours underway and the other parameters indicated in the log book.

Note: The Boat Operator and Project Supervisor must work in full compliance with this *Boating Safety Manual* AND the applicable provisions of the *CNSM Field Trip/Project Safety Manual*.

Failure to Comply With Boating Policies and Regulations:

- 1. Failure to comply with all CNSM watercraft operation procedures may result in suspension or restriction of watercraft privileges by CNSM Safety Office personnel, the Dean, or the BSO subject to the review of CNSM Safety personnel or the Dean.
- 2. Minor infractions such as neglecting to refuel, properly wash down the boats, complete paperwork, etc. will result in the BSO and/or Safety Office issuing a warning, restriction, or suspension of all piloting privileges for the next cruise/project where the offender is the project leader.
- 3. Serious infractions such as non-approved solo piloting, failure to communicate with shore contact, damage to equipment as a result of neglect, unsafe operation, injuries resulting from recklessness etc. will result in the suspension of privileges, and retraining will be required.
- 4. Approval necessary to reinstate revoked watercraft privileges will be issued by CNSM Safety Office personnel after the problem(s) have been adequately corrected and retraining has been completed as appropriate

5. Boat use privileges may be revoked, suspended, or restricted by the BSO, subject to the review of the CNSM Safety Office or the Dean, if the watercraft operator fails to follow procedures as described in the CNSM Boating Safety Program

III. CNSM Boating Safety Training

A. Training

Prospective boat operators must:

- 1. Complete 12 boat trips under the direct supervision of an approved boat operator, where the candidate is the primary operator of the boat (a trip is considered to be at least three hours on the boat)
- 2. Maintain a training underway log and submit the log to the BSO upon checkout

Authorization of Boat Operators

1. Comply with Boat Operator Authorization standards as follows:

2. Complete the California Department of Boating and Waterways Safety Course (or equivalent, approved by the BSO).

3. Provide documentation of practical experience in operating a boat, e.g. USCG captain's license.

4. Demonstrate proficiency in the safe operation of the proposed type of boat in local conditions, as necessary.

5. Demonstrate proficiency in the operation of any specialty equipment and procedures specific to the boat.

6. Demonstrate proficiency in trailering, launching, and recovery, as appropriate.

7. Demonstrate knowledge of U.S. Coast Guard (USGS) rules and regulations.

8. Sign a completed CNSM Boat Operator Check Out list, acknowledging that the trainee has read and agreed to abide by the CNSM Boating Safety Manual, and signed by the BSO signifying successful completion of the training program.

9. Submit to periodic refresher training as mandated by the BSO.

Copies of the completed training forms shall be maintained by the BSO for at least five years after an authorized operator leaves the program.

IV. Administrative Procedures and Record Keeping

Float Plan

- 1. Boat operators must file a float plan with a responsible shore contact at least 24h prior to departure.
- 2. Project supervisor and BSO must approve of and sign the float plan before boat operator takes boat box.
- 3. In the absence of the BSO, a CNSM Safety Officer may approve/deny submitted float plans.

Maintenance of Records

- 1. A file for each boat and its trailer shall be kept with the BSO, including a log of maintenance.
- 2. A boat log shall be kept for each vessel in its appropriate boat box. The boat log shall be filled in before departure and upon return.

Accident and Incident Reporting

- 1. If a CSULB employee is injured, workers' compensation notification must be made immediately. Report to the CNSM Safety Office for assistance. University Environmental Health & Safety must be contacted at (562) 985-2283 within 8 hours of the incident. Incidents occurring after normal business hours are to be reported to the University Police at (562) 985-4101.
- 2. All incidents and accidents involving boats, trailers, or people must be reported to the BSO within 24 hours and recorded in the boat log. If the BSO is not available, notify CNSM Safety.
- 3. CNSM incident report forms shall be completed by the Operator and submitted to the CNSM Safety Office within 24 hours of the incident (see Appendix XXX)
- 4. Any accident causing loss of the vessel, damage over \$2,000, requiring medical treatment beyond first aid, or loss of life in the United States must be reported to the U.S. Coast Guard (see Appendix XXX, Department of Boating and Waterways Vessel Accident Report form).
- 5. The BSO and the CNSM Safety Office and/or campus EH&S shall investigate and document the accident using the standard USCG standard forms (see the Appendix xxxof this manual).
- 6. Accident reports shall be held for five years minimum.

V. Operational Procedures

- 1. Check trailer, tow vehicle and boat before towing. Cargo in boat on trailer must not exceed rated capacities and be well secured to prevent bouncing/blowing out.
- 2. California Vehicle Code requires vehicles towing trailers to not exceed 55mph and to stay in the slow lane except for brief passing maneuvers.
- 3. Observe the boating rules of the road at all times.

- 4. Check local marine weather reports prior to departure. Small craft advisories shall be considered on a case by case basis and consultation with the BSO is required if boat operator believes local conditions are conducive for the project.
- 5. Consult the appropriate navigation chart prior to departure if you are navigating waters that are new or unfamiliar. It is the responsibility of the watercraft operator to use every reasonable means to become familiar with their intended areas of operation. This may include requesting an orientation checkout of the area from the BSO, review of charts, Coast Guard, local notice to mariners, Coast Guard radio advisories, local information and any other means available.
- 6. Operate the watercraft at speeds which are safe and legal. Watercraft shall be operated at a safe speed to avoid collision, property damage and personal injury. In determining safe speed these factors should be considered: weather, vessel maneuverability, visibility, traffic, sea state, current, navigation hazards, draft, depth of water, the possibility of floating objects and other factors relative to safety.
- 7. Make no significant alterations to any watercraft without permission from the BSO.
- 8. Use good judgment in emergencies or in other cases where it is necessary to deviate from accepted procedures. Watercraft operators may use their own discretion, but may be required to justify their actions in a written report to the BSO and CNSM Safety Office.
- 9. As a rule, DO NOT operate any power vessel in less than three feet of water. Do not "beach" any power vessels. Inflatable watercrafts may be carried onto the beach.
- 10. DO NOT use the motor as a ladder for climbing into or out of the water.
- 11. DO NOT OVERLOAD THE VESSEL. Weight and passenger limits are posted on the Vessel Capacity Plate. Watercraft operators are required to follow legal limits set forth on the vessel's weight capacity plate.
- 12. Fill out boat log (located in boat box) before departure and upon return. Do not forget to record departure and return time and keep track of underway hours.
- 13. Wash down all surfaces and engine(s) with fresh water after every use. Wash down prior to departure as appropriate. If trailering, wash down entire trailer and flush or rinse down brakes after use.
- 14. Observe all safety regulations and operating procedures at all times. Keep in mind that you are representing CSULB at all times.
- 15. DO NOT operate any University watercraft if you are under the influence of alcohol, illegal drugs, or prescription drugs that cause drowsiness, disorientation etc. Smoking on a State boat or in a State vehicle is prohibited.
- 16. Ensure that a MINIMUM of TWO people are present for watercraft operations. Solo piloting of the Whaler may be permitted with the appropriate prior approval; see "Solo Piloting", below.
- 17. Immediately report accidents or potentially dangerous situations to the BSO, the project supervisor and to CNSM Safety Office personnel. The pilot must file an accident form with the BSO and CNSM Safety Office within 24 hours of the accident. Report questionable equipment condition to

the BSO and to the project supervisor immediately upon discovery. In addition, all incidents must be recorded in the boat log.

- 18. Notify the BSO if projects will require operations outside the parameters of this manual. Sufficient lead-time prior to the onset of operations must be given to the BSO to ensure an appropriate review of the intended project.
- 19. Ensure all persons wear appropriate protective clothing and safety equipment for the conditions, including but not limited to: Coast Guard approved personal floatation devices, jackets, gloves, safety glasses, goggles, deck shoes and/or steel-toe shoes etc. as appropriate.

VI. Special Operations

A. Solo Piloting

- 1. Solo piloting is normally not permitted. However, the BSO may approve a solo-pilot Float Plan for small craft (<18') based on pilot experience, area to be traveled, and distance traveled from shore.
- 2. Solo piloting at sea beyond 1.0 mi. from shore is never permitted.
- 3. Solo pilot requests involving travel off of any island shore except for, Isthmus, and require approval from both the BSO and CNSM Safety Office personnel.
- 4. Solo pilots are required to have a PFD readily accessible and within hand's reach at all times. Although it is not required to don the PFD, it is highly recommended that it be worn at all times.
- 5. Solo pilots must wear a kill switch whenever the engine is running. Solo pilots are required to monitor the Marine Radio (VHF) and carry a charged cell phone and handheld GPS at all times.

B. Scuba diving

1. Solo diving is not permitted, and three being the minimum number of CNSM personnel on a dive boat. Surface personnel must be competent in the use of all boating emergency systems such as the Marine Radio, cell phone, GPS, flares etc.

2. Divers must be fully approved participants in the OSI Diving Program and follow all policies and procedures of the *OSI Dive Safety Manual*.

3. Divers entering the water from boats must ensure that the third party remains on the boat even when it is securely anchored.

- C. Trailering: To become qualified to tow a boat and trailer, the operator or designated driver must:
 - 1. Demonstrate to the BSO or his/her designee the proper procedures for towing the boat and trailer over the road.
 - 2. Demonstrate proper launching and retrieval of the boat from the trailer to the water.
 - 3. Submit a current Form 261 (Appendix V) to the appropriate department office if using a personally-owned/non-State vehicle for towing.

D. Reciprocity: Due to a variety of liability issues, non-CNSM personnel may not operate a CNSM powered watercraft.

VII. Marine Lab Boat Reservation Procedures

- 1. Reservations are done on a first-come, first-served basis and are made for specific dates and times. Boat operations to support classrooms have priority over laboratory research. If a conflict in use arises, the BSO has the final say. Requests for extension of reserved time because of weather or mechanical conditions will be considered on a case-by-case basis. Call the BSO at (562) 985-4907 or email <u>yvette.ralph@csulb.edu</u> to reserve vessels.
- 2. Check-out Procedures: A boat will be considered to be checked out when the approved Boat Operator takes possession of the appropriate boat box. Transfer of the boat box or keys from one operator to another is not permitted without the prior approval of the BSO. A boat will not be checked out until the vessel operator has completed a float plan (Appendix 1) that has been approved by the BSO.
- 3. Check-In Procedure and Closing of Float Plan: A boat is considered to be checked-in when it has been returned to the marina and the keys and all related equipment have been returned in to the BSO. A float plan is closed after it has been handed to the BSO by the boat operator upon his/her return.

VIII. Marine Distress Communication Procedure

SPEAK SLOWLY, CLEARLY AND CALMLY

Failure to properly use emergency procedures can result in property damage, injury or even death. It is imperative that you not only understand the procedures for declaring an emergency, but that you understand when to use them.

Experience has shown that the great majority of people are reluctant to call, even in the face of an emergency. And, in some cases, this reluctance has resulted in death. THE FOLLOWING SITUATIONS ARE AMONG THOSE THAT REQUIRE IMMEDIATE NOTIFICATION OF THE COAST GUARD:

- When the vessel has become seriously disabled or there is reason to believe it is in the process of becoming seriously disabled
- When there is serious injury
- When the vessel is likely to sink
- When it becomes necessary to abandon ship

A. Convey Emergency Condition via Radio As Follows

- 1. Ensure that all persons aboard are wearing floatation devices, then make sure your radio is on.
- 2. Select VHF Channel 16 (156.8 MHz).
- 3. Press the microphone button and clearly and loudly speak into the radio: "MAYDAY MAYDAY MAYDAY"
- 4. Say: "This is the (name of vessel)"

- 5. Describe where you are (GPS position, navigational aids, land marks)
- 6. State the nature of your distress.
- 7. Give the number of persons aboard and conditions of any injured.
- 8. Estimate the present seaworthiness of your watercraft.
- 9. Describe your watercraft: Size (feet), type, motor (or otherwise), color, number of personnel etc.
- 10. End message by saying "I will be standing by on channel 16, this is the (vessel's name), over."
- 11. Release the microphone and wait for coast guard to respond. Repeat if no one replies within 10-15 seconds.

Example:

"MAYDAY-MAYDAY-MAYDAY, this is the research vessel "Callinectes". I am three miles northeast of Catalina Island at GPS coordinates (XX.XX'N XX.XX'W) and I can see Avalon Harbor. We are a white power catamaran of 22' with 5 people on board. I have a problem with the bilge pump and I am taking on water. I will be standing by on Channel 16. This is Callinectes, over." Wait 10-15 seconds for a response, then repeat if necessary.

B. Visual Distress Signals

1. Choose the appropriate signal (day or night use).

Smoke / flags are for day use only

Flares are for day or night use

2. Follow manufacturer's recommendation for deployment. Safety glasses shall be worn whenever possible. Beware that burning pyrotechnics can easily ignite fuel, perhaps causing an even more severe emergency. Have someone on board holding the fire extinguisher before lighting/launching a flare.

C. Helpful Reminders

- 1. Always state the vessel's name at the beginning and end of every communication.
- 2. Always keep the radio on while away from the dock on channel 16 (156.8 MHz or 2181 kHz.)
- 3. If you hear a MAYDAY, talk only if you can help. You are required to assist if you are the closest vessel! When assisting other vessels, make sure you are not endangering yourself or the other people/vessels.
- 4. Keep communications brief.
- 5. Channel 16, 2181 kHz and 156.8 MHz are for safety or URGENT SITUATIONS ONLY!!!
- 6. Radio checks can be communicated via automated radio check or channel 27 VHF . Never use channel 16 for a radio check.

COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

BOATING SAFETY PROGRAM FORM

PARTICIPATION AGREEMENT

I, (print name) have read the CNSM Boating Safety Manual. I understand my rights and responsibilities as an employee, student, volunteer and/or supervisor under the provisions of this Manual. I agree to work at all times in complete accordance with all Manual policies and procedures, and to protect the health and safety as appropriate of myself and those around me. I will not knowingly undertake a potentially hazardous task for which I have not been adequately trained and approved by the BSO. I will not direct others to perform a potentially hazardous activity unless that individual has been trained and has demonstrated adequate skill to perform that activity safety. I understand that I am assuming responsibility for the equipment and materials that are in my care. The CNSM reserves the right to hold me responsible for replacement or repair costs for any equipment lost or damaged due to my negligence while in my care.

SIGNATURE OF OPERATOR:	DATE:	
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B. Boating Safety Officer Approval

The above participant has successfully completed the CNSM Watercraft Safety Training Program, including passing the "State of California Department of Boating and Waterways" written exam or its equivalent.

BSO Signature

Date

The watercraft-specific "on the water" training was successfully completed as follows: BSO Initials Date

Boat	
Boat	
Boat	
Boat	
Trailer	
Trailer	

CSULB Boating Safety Program – Float Plan

Date of submittal:					
Date of Departure:			Time of Dep	arture:	
Date of Return:			Time of Ret	urn:	
Shore Contact:			Shore Conta	act #:	
Vessel (circle one):	D.R. Nelson	(26' V-hull I	Parker)	CF#	: 5595 RG
	Gray Whaler	(17' Alert)		CF#:	8854 XS
	Other:			CF#:	
	or Los Angeles -				ving emergency number: 0) 221 - 8724
Vehicle Description:					
Vehicle License #:					
Area(s) of Research	(Be specific):		_		
Operator & Crew Info					
				Phone #:	
				Phone #:	
Additional Persons (On Board:				
			_ ·		
Purpose of Trip (Plea	ase indicate speci	fic tasks):			
Hazardous Materials	:				
Advisor Signature:					
WSO Approval:					
					(010) 000 0000
USCG San Diego Gro Harbor Patrol	• • • •	683-6360 570-9911	USCG Air St Vessel Assis		(619) 683-6300 (800) 367-8222
California Highway Pa	· · /		Boating Safe		
- South L		516-3355	5	- /	(562) 985-4907 office
- Ventura	a (805) 4	477-4174			(714) 317-62461
- San Die	• • • •	220-5492	CNSM Safet	•	(562) 985-5623
L.A. County Sheriff	· · ·	526-5541	CSULB Polic		(562) 985-4101
Ventura County Sherit	ff (805) 6	654-2551	Diver's Alert	Network	(919) 684-8111 (EMERGENCIES ONLY)
		a the DCO for the		in other of a set	rough before deporture. Electricity left of the

Boat users must present float plans in hard copy to the BSO for their review and signature of approval before departure. Float plans left at the door of the marine lab and/or in the WSO's mailbox preceding departure are unacceptable. Failure to follow guidelines will result in revoked boat use privelages until further notice.

CSULB Boat Log Check List Whaler

Skipper:				Departure Date: Return Date:	Time:
Destination:					Time:
Purpose:					
Passengers:					
Engine Hours (est	imate of to	tal time ru	unning):		
Will you be scuba o	living?	NO	YES	(if yes, must have dive plan approved	l by DSO)
Names of people d	iving:				
Equipment Reques	ted:				
(CTD, otter trawl, plankt				* YOU MUST HAVE SNORKEL GEAR IF EQU	IPMENT USED OVER THE SIDE
		ICT			
PRE-DEPARTURE		191		··· []	
Engine Oil:		If Diving	g: DAN O ₂ k Dive Flag		
			-		
Check marine v Check fuel (also				raft Advisory - WX1 or WX2)	
			,	essel Assist if no other vessel answers)	
Handheld GPS					
Handheld Deptl	n Finder				
PFDs (one for e	ach persor	n on boar	rd)		
Tool kit					
Fire extinguishe	er (check se	ervice dat	te)		
First Aid kit					
Flare kit					
Registration	Line				
Anchor, Chain,		a from o	naina		
Check for water Check running	•	ig nom e	ngine		
Check navigation					
	, ingino				

RETURN, CLEAN, AND SECURE CHECK LIST

Flush engine 5 min.
Wash boat
Record RETURN engine hours (time returned)
Check bilge and make sure pump is clear and functioning

Record any problems, concerns with the boat here (be specific) Report all problems to the Marine Technician immediately.

			CSULB	Boat Log Che	eck List	
Skipper:				D.R. Nelson	Departure Date: Return Date:	Time: Time:
Destination:						
Purpose:						
Passengers:						
Engine Hours:	Start	Por	t	End	Start	tarboard End
Will you be scuba	a diving?	NO	YES	(if yes, must h	nave approved dive plan in ac	ccordance with DSO)
Names of people	-					,
Equipment Requ						
(CTD, otter trawl, plan)	* YOU MU	JST HAVE SNORKEL	GEAR IF EQUIPMENT USED OVE	R THE SIDE
Check marine Check fuel (a VHF Radio (c GPS / Depth Test horn PFDs (one fo Tool kit Fire extinguis First Aid kit Flare kit Registration (Unplug batter Anchor, Chai Check for wa Check runnin Check naviga Pump out bai	Port Starboard Iso fuel/wate call for radio Finder / Rad r each perse ther (check s should alwa ry charger n, Line ter discharg g lights ation lights t tank if nec	o departur er separato check, cal dar on on boar service dat ays be in bo ing from er essary	ors) I Coast Gu d) ce) oat box) ngines	If Diving: Craft Advisory - W ard if no other ves		GLASS)

RETURN, CLEAN, AND SECURE CHECK LIST

FLUSH ENGINES 5 MINUTES
Wash boat and engines (don't forget stainless)
Record RETURN engine hours
Windex cabin windows (if necessary)
Turn OFF radio

TURN OFF BATTERIES

Plug in battery charger, make sure LED light comes on Check bilge, make sure pump is clear and functioning Empty cabin trash can, reline with plastic bag

Record any problems, concerns with the boat here (be specific) Report all problems to the Marine Technician (562 985-4907) immediately.

ED/ SED/ SS	DATE OF ORIGINAL ACCIDEN	IT	TIME (2400)				R	EPORT NUMBER		
INJURED/ Deceased/ Witness	OFFICER NAME					OFFICE	RID			
	VICTIM/WITNE NAME, ADDRESS &			VICTIM/WITNESS STATUS	RIDIN VESS		DOB/ AGE	INJURY DESCRIPTION	LIFE JACKET WORN?	COULD VICTIM SWIM?
				☐ INJURED ☐ DECEASED DISAPPEARED PASSENGER ONLY WITNESS ONLY				TAKEN TO HOSPITAL YES NO FACILITY	□YES NO UNKNOWN	<u>⊓</u> YES NO UNKNOWN
				INJURED DECEASED DISAPPEARED PASSENGER ONLY WITNESS ONLY				TAKEN TO HOSPITAL YES NO FACILITY	YES NO UNKNOWN	YES NO UNKNOWN
				INJURED DECEASED DISAPPEARED PASSENGER ONLY WITNESS ONLY				TAKEN TO HOSPITAL YES NO FACILITY	YES NO UNKNOWN	YES NO UNKNOWN
				INJURED DECEASED DISAPPEARED PASSENGER ONLY WITNESS ONLY				TAKEN TO HOSPITAL YES NO FACILITY	YES NO UNKNOWN	YES NO UNKNOWN
				INJURED DECEASED DISAPPEARED PASSENGER ONLY WITNESS ONLY				TAKEN TO HOSPITAL YES NO FACILITY	YES NO UNKNOWN	YES NO UNKNOWN
				INJURED DECEASED DISAPPEARED PASSENGER ONLY WITNESS ONLY				TAKEN TO HOSPITAL YES NO FACILITY	YES NO UNKNOWN	YES NO UNKNOWN
				INJURED DECEASED DISAPPEARED PASSENGER ONLY WITNESS ONLY				TAKEN TO HOSPITAL YES NO FACILITY	YES NO UNKNOWN	YES NO UNKNOWN
				INJURED DECEASED					YES NO	YES NO

DISAPPEARED PASSENGER ONLY WITNESS ONLY	TAKEN TO HOSPITAL YES NO FACILITY	UNKNOWN UNKNOWN
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CALIFORNIA DEPARTMENT OF BOATING AND WATERWAYS PAGE OF

BODY of WATER ACCIDENT OCCURRED ON MONTH DAY YEAR TIME (2400) COUNTY ACCIDENT OCCURRED IN NEAREST LANDMARK (NAVIGATION AID) FEET / MILES INVESTIGATED BY NAME (FIRST, MIDDLE, LAST) STREET / MAILING ADDRESS	
FEET / MILES OF	
FEET / MILES OF	PHONE ()
NAME (FIRST, MIDDLE, LAST) STREET / MAILING ADDRESS	
DOB / AGE SEX CITY STATE ZI	P PHONE ()
OPERATOR U MALE FEMALE VESSEL VUMBER (CF OR DOC) VESSEL NAME ACTIVIT	
	RECREATIONAL WORKBOAT COMMERCIAL OTHER
Image: Indext in the image:	SAME PHONE ()
VESSEL DIRECTION OF TRAVEL # PERSONS ON BOARD VESSEL DAMAGE OWNERS STREET / MAILING ADDRESS	
	70
OTHER ESTIMATED SPEED DISPOSITION OF VESSEL ESTIMATED DAMAGE \$\$ NONE CITY S	STATE ZIP
NAME (FIRST, MIDDLE, LAST) STREET / MAILING ADDRESS	
DOB / AGE SEX CITY STATE ZI	P PHONE ()
	TV.
VESSEL YEAR MAKE/MODEL/LENGTH VESSEL NUMBER (CF OR DOC) VESSEL NAME ACTIVIL SWIMMER SWIMMER C C C	RECREATIONAL WORKBOAT COMMERCIAL OTHER
HULL IDENTIFICATION NUMBER IN NONE HORSEPOWER RENTED OWNERS NAME	SAME PHONE ()
MOORED VESSEL VESSEL DIRECTION OF TRAVEL # PERSONS ON BOARD VESSEL DAMAGE OWNERS STREET / MAILING ADDRESS	
OTHER ESTIMATED SPEED DISPOSITION OF VESSEL ESTIMATED DAMAGE \$\$ NONE CITY S	STATE ZIP
DESCRIPTION OF DAMAGE	
OWNERS NAME ADDRESS STATE ZIP PHONE	NOTIFIED
	□ YES □ NO
VICTIM /WITNESS NAME, ADDRESS & PHONE VICTIM / WITNESS STATUS VESSEL # AGE INJURY DESCRIPTION	LIFE JACKET COULD WORN? VICTIM SWIN
□ INJURED □ DECEASED	□ YES □ YES
DISAPPEARED TAKEN TO HOSPITAL OF YES ONLY	
U WITNESS ONLY FACILITY	
INJURED DECEASED	
DISAPPEARED DISAPPEARED DASSENGER ONLY TAKEN TO HOSPITAL VES NO WITNESS ONLY TAKEN TO HOSPITAL VES NO	
WITNESS ONLY FACILITY FACILITY	
DECEASED	
PASSENGER ONLY TAKEN TO HOSPITAL YES NO WITNESS ONLY FACILITY	
SKETCH (INCLUDE VESSEL, WIND, CURRENT DIRECTION)	
INDICATE TRUE NORTH	
TRUE NORTH COPY OF STATE FORM BAR-1 GIVEN TO OPERATOR (S) OP	PERATOR 1 OPERATOR 2
TRUE NORTH COPY OF STATE FORM BAR-1 GIVEN TO OPERATOR (S) COP REPORT FORWARDED TO:	PERATOR 1 OPERATOR 2
TRUE NORTH COPY OF STATE FORM BAR-1 GIVEN TO OPERATOR (S) OP REPORT FORWARDED TO: COAST GUARD CALIFORNIA BOATING AND WATERWAYS	
TRUE NORTH COPY OF STATE FORM BAR-1 GIVEN TO OPERATOR (S) REPORT FORWARDED TO: COAST GUARD	

CALIFORNIA DEPARTMENT OF BOATING AND WATERWAYS PAGE OF

WEATHER		WATER CONDITIONS		WA	WAVE SIZE			WIND			LIGHTING	VISIBILITY			
				LESS THAN 6											
				□ 6"-2'			🗌 LIGHT (0-6 mph)					TEMP			
□ FOG □ ROUGH				□ 2'-6'			MODERATE (7-14 m					I EIVIPE	ERATURE		
			н			STRONG (15-25 mph)				ARTIFICIAL LIGHT OTHER (specify)					
						STORM (25 mph & over)		'	OTHER (specify)	WATE	R AIR				
ТҮР	E OF ACCIDE	NT		CAL	CAUSE OF ACCIDENT				O	PER	ATION AT TIME OF ACCIDENT	SOBRI	ETY / DRUG		
				#1 #2					#1	_		#1 #2			
	CAPSIZING										CRUISING		HAD NOT BEEN DRINKING HBD NOT UNDER INFLUENCE		
								IENCE			CHANGING DIRECTION				
											CHANGING SPEED				
	WITH FLOATING OBJECT FALL							=			TOWING SKIER / TUBER		OTHER PHYSICAL IMPAIRMENT		
	OVERBOARD									TOWING SKIER- SKIER DOWN					
	FALL IN BOAT	r			OFF-THROTTLE STEERING INABILITY					TOWING ANOTHER VESSEL					
	FIRE / EXPLO	SION (fuel)								BEING TOWED BY ANOTHER VESSEL	OPER/				
	FIRE / EXPLO	SION (other than fu	iel)						DRIFTING						
	FLOODING / S	SWAMPING			HAZARDOUS WEATHER / WATER					AT ANCHOR					
	SINKING									TIED TO DOCK		1			
	STRUCK BY E	BOAT / PROPELLER	1							LAUNCHING					
	SKIER MISHA					ANC	HOR	NG			DOCKING / LEAVING DOCK	OPER	ATOR EXPERIENCE		
							Т				SAILING				
					OTHER -						OTHER (specify)		10 TO 100 HOURS		
			-								-		OVER 100 HOURS		
	SSEL TYPE			L MATI	ERIAL			LSION		_	PERSONAL FLOTATION DEVICES		FIRE EXTINGUISHERS		
#1 #		TORBOAT CABIN	#1 #1		DOD	#1		OUTBOARD			VESSEL #1 Was vessel adequately equipped		VESSEL #1 Was the approved type of fire fighting		
	-	DAT PERSONAL						INBOARD			was vessel adequately equipped with Coast Guard approved PFDs?	⊔ <mark>NO</mark>	Was the approved type of fire fighting equipment on board?		
		RAFT									Were they accessible?	□ио	YES NO Were the⊋used? □		
					EEL			INBOARD / OUTB	OARL	,	Were they used? YES	NO	YES NO		
		「(aux. engine) 「(sail only)			BERGLASS			JET			VESSEL #2 with Coast Guard approved PFDs?		VESSEL #2		
					ASTIC			SAIL ONLY					Was the approved type of fire fighting equipment on board?		
					BBER / VINYL			PADDLE / OARS			Was vessel adequately equipped YES Were they accessible?	□ ^{NO} □ NO	equipm ent on board? [└] YES NO		
			от		OTHER (specify)			-	Were they used?		Were they used?				
OTHER (specify)													YES NO		
ACCII	DENT NARRATIVE														
					Ī										

SUPPLEMENTAL INARRATIVE [CHECKONE)			ACCIDENT	REPORT NUMBER	CITATION NUMBER	
O Narrative Continuation Vessel Accident	Report	LOCAT			BEAT	
O Supplemental Vessel Accident Report		LOUATI				
O Other	-	СПТ		ODUNTY	AGENCT	
0 caller						
TREFARED DT [INAWIE, RAINK]	DATE		ID NUMBER	KEVIEWED DI (INAIWE, KAINK)	DATE	ID NUMBER
	1					
CBW FORMITRIC:[100]	•	•			1 1	

Γ	AM-	DATE OF ORIGINAL ACCIDENT	TIME (2.400)		
	ACTUAL DIAGRAM- NARRATIVE CONTINUATION	OFFICER NAME		OFFICER ID	
	ACTUA NAF CONT		NTS ARE APPROXIMATE AND NOT	TO SCAL	E UNLESS STATED (SCALE =)
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