

Sonoma County Operational Area Coastal Incident Response Plan

An Annex to the Emergency Operations Plan
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Handling Instructions

The title of this document is the Coastal Incident Response Plan.

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At a minimum, the attached materials will be disseminated only on a need-to-know basis and when unattended, will be stored in a locked container or area offering sufficient protection against theft, compromise, inadvertent access, and unauthorized disclosure.

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Foreword

Sonoma County has a beautiful and diverse coastal boundary, ranging from sheer cliffs to sandy beaches. Residents and tourists are attracted to the coast for a variety of reasons, including; escaping the inland heat, enjoying the majestic vistas, exploring the many beaches, sampling the famous seafood, hiking, and abalone diving. Coastal weather, ocean and surf conditions can change quickly. These conditions along with the physical environment combine to create hazards for people whom if unprepared, unfamiliar or inattentive may require an effective and efficient, well-coordinated emergency response. This multi-agency plan has been created to deliver the best level of service.

Concept of Plan

There are a number of agencies that provide emergency services within Sonoma County. This plan serves as a guide to those agencies that work together along coastal Sonoma County. The purpose of this plan is to promote common incident management, communications, and resource deployments. Each participating agency acknowledges that one or more agencies may have jurisdiction at an incident, however, in the coastal area, resources may be limited or have lengthy response times. As a result of this plan, all agencies have pledged their cooperation and are committed to assisting one another to successfully mitigate any emergency incident.

This plan is designed to provide a reference and a training tool to assist the participating agencies understand the coordination, protocols and expectations associated with an emergency response. It is very uncommon for one agency to mitigate an incident alone, and it is important to understand each agencies resources. The meetings that created this plan and the required maintenance of this plan will ensure effective non-emergency communication and teamwork takes place amongst all participating agencies.

This plan does not specifically address law enforcement incidents. Agencies identified in this plan with law enforcement capabilities will assist each other and this plan will increase cooperation.

Plan Administration

This plan is a collaborative effort of participating agencies. It was first published and distributed for use in January 2015.

This plan should be reviewed annually by each agency, and revised as required by all participating agencies. Any recommendations, revisions or changes should be submitted to Sonoma County Fire and Emergency Services Department, Emergency Management Division.

Public access is granted through the Sonoma County Fire and Emergency Services Department website, www.sonoma-county.org/fire.

Operational Guidelines

Incident Management

All incidents will be managed according to the National Incident Management System (NIMS), the Standardized Emergency Management System (SEMS), and the Incident Command System (ICS). Incident command will be established by the first resource to arrive at the scene of an incident except for imminent or in-progress rescues and situations where the first responder can mitigate the incident in a short period of time and do not have the time or ability to establish incident command. Incident command will transition to a representative of the agency having jurisdiction as they arrive at scene. Unified command will be established, when appropriate, for incidents involving multiple jurisdictions.

The California Highway Patrol will be the incident commander, or a member of unified command, for any incident on, involving, or affecting any highway or public road in the unincorporated areas of the County.

As soon as possible, the command post shall be established and made clearly identifiable to incoming resources.

The first resource at scene, regardless of agency or training, and whether or not they have assumed incident command, must be debriefed and respected as a source of information.

Incident Organization

Most incidents will utilize an initial or reinforced ICS structure where span of control is not an issue. Single resources such as fire companies, lifeguards, Sheriff Deputies, and Henry – 1 will check in with the incident commander upon arrival. The resource will then be assigned to work directly for the incident commander or be assigned to work for a geographic division or functional group. Resources may be tasked to function as the division or group supervisor.

The incident organization will expand and contract to appropriately mitigate the emergency.

Unified Ordering Point

A unified ordering point (UOP) will be established for each incident. This will be Sonoma County's fire dispatch, the Redwood Empire Dispatch Communications Authority (REDCOM) or Sonoma County Sheriff's Dispatch Center. Close coordination must occur between all agencies and their dispatch centers sending resources. Since most responding resources will be from fire agencies, this plan establishes REDCOM as the UOP for all rescue and fire related incidents. All resource orders must be processed by the UOP to prevent duplication of resource orders, maximize coordination, and the avoid dispatching of resources that the incident commander has not requested. Most incidents will have resources responding, at a minimum, on REDCOM and Sheriff Dispatch Center radio frequencies.

Once the rescue or fire has been abated, the UOP may transition to the agency that has jurisdiction for all additional mitigation activities. For example, a CHP officer ordering a

tow truck after medical care has been rendered at a vehicle accident, or the Sheriff's Office ordering a coroner once a fatality has been confirmed.

Initial Size Up/Report on Conditions

The first resource at scene must provide a brief assessment of the incident. If the resource cannot communicate directly to the UOP, they will request their dispatch center to pass their information on to the UOP. The assessment should include the following items:

- Confirm location (update if needed)
- Provide update on type of incident
- Number of victims and extent of injuries (if known)
- Action being taken
- Advise to continue/discontinue normal resource deployment, or specify resource needs
- Best access route and staging area

Communications

Clear text will be used by all agencies without the use of slang, "10" codes, or agency specific terminology. Messages must be short without extraneous detail, understandable, and spoken clearly at a reasonable pace.

There are various radio systems with different frequency bands in use throughout Sonoma County as described in the table below. These differences in frequency bands hinder coordination during the response phase of an emergency.

First Responder Primary Dispatch Channel	
CHP	Lo-Band
Fire/EMS	VHF
Fish and Wildlife (Northern)	VHF
Regional Parks	Lo-Band
Sheriff	UHF
State Parks	800 Mhz
USCG	VHF

Response: Upon notification of an incident, all resources will provide a status of their response with their appropriate dispatch center on their dispatch channel. Resource ordering while responding must be referred and/or relayed to the UOP. This does not mean that a non – fire resource cannot order a resource while responding, but dictates that all resource ordering will go through the UOP so there is no duplication of resource ordering, and the requested agency is not contacted multiple times by responders from different agencies for the same resource.

Arrival: The first arriving resource will provide a report on conditions. All other resources will switch to the tactical frequency upon arrival at scene of the incident (see Appendix D). If communication cannot occur on the tactical frequency, resources will report to the incident command post for a briefing and assignment. Agencies that do not have common communication must keep a representative at the incident command post or be partnered with other responders having common communication.

Once an incident command post is established, only the incident commander will communicate with the UOP regarding incident updates, resource orders, etc. Single resources should limit communication with their dispatch center to their commitment time, relief needs, etc., and keep any incident related transmission to a minimum.

Interoperability Repeaters: Sonoma County Telecommunication Bureau maintains two interoperability repeaters that cover the coastal area to increase communication and coordination between agencies utilizing different radio systems. Common North is located at Oak Ridge and Common Coast is located at Seaview (on Meyers Grade). These repeaters allow communications on the four bands (low band, VHF, UHF, and 800 MHz) to access the repeater and rebroadcast the message on other bands (ex: in on UHF, out on low band, VHF, UHF and 800 MHz). These four bands cover the frequencies used by all the agencies involved in this plan. During a major, regional emergency, these interoperability repeaters will be valuable and may be used by more than one incident. In such circumstances, radio discipline must be practiced. Interoperability communications dependent upon these repeaters may be challenging do to the gaps in the coverage areas. All agencies should have the appropriate frequencies for these interoperable channels programmed into their radios.

Tactical Net and Air-to-Ground: CALCORD (primary for all RESCUE incidents)

Command Net: REDCOM control channel

All Communication with USCG regardless of incident type: Marine 22A

Air-to-Air Tactical (Aircraft only): 123.0250

Interagency Coordination: Common North or Common Coast

Resource Deployments

REDCOM determines the type and amount of fire and medical resources that are dispatched to an emergency, along with providing notification to other agencies based upon the classification of the emergency (event type) and emergency location (response areas).

Event Type

The Sonoma County Sheriff's Dispatch Center normally receives the first notification of an emergency. They may create the initial event type, and then transfer the reporting party to REDCOM. (An emergency may also be reported to the California Highway Patrol, State Parks, United States Coast Guard or other sources.) Additional reporting parties may only speak with the Sherriff's Office Dispatch Center. REDCOM and responding resources can change the event type based upon information passed on during the response or once resources arrive on scene, assess the situation, and provide a report on conditions.

Using REDCOM event type (common) terminology will ensure the proper fire agency resources are dispatched and other agencies are notified and/or requested to respond.

REDCOM maintains a list of event types in their Standard Operational Guideline G – 3. The four rescue event types (rescue, ocean rescue, swift water rescue, and boat accident) will involve the most interagency cooperation. Other event types (fires, medical aids, traffic collisions, etc.) will be the primary responsibility of one or two agencies with other agencies assisting and should not require the same level of coordination.

The four rescue event types are described by REDCOM are as follows:

Rescue (RESCUE): Any event which may require retrieval of a patient from an otherwise non accessible location, and includes confined space, trench low angle, and high angle rescues.

Ocean Rescue (RES – OC): Any report of a person or vessel in distress in the ocean water only. Ground resources should respond to the reporting party's location and/or a designated staging area. A single fire engine response and ambulance may be the most appropriate response. A rescue helicopter or agencies equipped for ocean rescue will perform the rescue. The person rescued may be transferred to resources staged on shore.

Swift Water Rescue (RES – SW): Any report of a person trapped in moving water with no escape. Generally associated with river or flood waters.

Boat Accident: This event type is currently only used by the Sonoma County Sheriff's Office. Any incident involving the collision of a boat or multiple boats where the occupants have become injured but remain in the vessel and do not require rescue but may require care or assistance.

Response Areas

REDCOM has defined response areas/emergency service zones (ESZ) for the immediate coast out into the contiguous waters of the Pacific Ocean below the mean high tide line for the four fire agencies that have jurisdiction along the Coast.

Coastal Emergency Response Zones, from North to South

Fire Agency		
County Fire/TSR	1444010001	All of The Sea Ranch jurisdiction, except ESZ 002 which designated the Timber Cove automatic aid agreement area.
	1444010002	Area west of Highway 1 into ocean including 30707 Highway 1
Timber Cove FPD	1454010001	North of Fort Ross Store to Mile Marker 44.30 (Northern boundary of Salt Point State Park)
	1454010002	Fort Ross Store to 18000 Highway 1 (Pedotti)/Mile Marker 31
	1454010003	Mile Marker 31 to approx. Mile Marker 27.07
	1454010005	Area west of Highway 1 from Mile Mark 44.30 to Call Box 40.8 which designates The Sea Ranch automatic aid agreement area.

Fire Agency	Response Area/ESZ	Description (all Mile Marker points are using Hwy 1)
Monte Rio FPD	1541010001	Mile Marker 27.07 to Muniz Ranch Road
	1541010002	Jenner
	1541010003	Muniz Ranch Road inland to Duncans Mills
	1541010004	South of Russian River to Mile Marker 18, including Willow Creek
Bodega Bay FPD	1886010003	Mile Marker 18 to Salmon Creek except Calle Del Sol subdivision.
	1886010007	Calle Del Sol subdivision only
	1886010001	Salmon Creek to southern Bay Hill Road except populated Bodega Bay area and Bodega Marine Laboratory
	1886010008	Bodega Marine Laboratory (2099 Westside Road)
	1886010005	Populated Bodega Bay areas
	1886010006	Industrialized Bodega Bay areas
	1886010011	Marin County Coast south of Estero Americano

Deployments

Each agency has implemented identical resource deployments for the different rescue event types. The response areas assist with determining which specific resources, based upon the closest resource concept, are dispatched. REDCOM may also dispatch a medical helicopter based upon the type of medical emergency and location of where the ambulance is responding from.

Event Type	Rescue Squads	Fire Engine	Medic Unit	Rescue Helicopter	Rescue Boat	Chief Officer	State Parks Notify	USCG Notify	Sheriff Notify
Rescue	2	1	1	1		1	X		
Ocean Rescue	1	1	1	1	1	1	X	X	
Swift Water Rescue	1	2	1	1	1	1	X		
Boat Accident	1	1	1					X	X

Jurisdictions and Notification

This Plan promotes over notification rather than refraining from advising or requesting another agency to respond. However, at some point, the agency having jurisdiction must ensure their proper processes have been completed. This section describes jurisdictions and reason for notification.

Vehicle Accidents

The California Highway Patrol (CHP) has jurisdiction for all incidents on any highway or any public road in unincorporated county. This includes all incident types, and specifically vehicle accidents and hazardous material incidents. The CHP must also be

notified of any incidents that affect, or close, a public right of way. Notification will occur via the unified ordering point to the Golden Gate Communications Center.

Boating Accidents

The Sonoma County Sheriff Office's Marine Enforcement Unit must be notified of all accidents relating to boats within the three mile nautical line (three miles from the Coast), ranging from kayaks to commercial fishing vessels or larger. This includes incidents involving injuries associated with medical aids (trips, falls, etc.) on board a boat or a boat involved in a collision. The Marine Enforcement Unit may not be able to immediately respond, but at a minimum, will conduct a follow-up investigation. A Sheriff Deputy may be designated to collect the initial information. Notification will occur via the unified ordering point to the Sonoma County Sheriff's Dispatch Center.

The United States Coast Guard must be contacted for any boating accident occurring on the ocean water beyond the mean high tide line. Notification will occur via the unified ordering point to the USCG Station Bodega Bay.

Vessels in Distress

Vessels in distress should be reported directly to the United States Coast Guard (USCG) communication centers on Marine 16 or other marine net frequencies if possible. If marine radios are not available, the USCG Station Bodega Bay staffs their Communications Center from 0600 to 2200 daily and during any rescue deployment. The Communication Center monitors Marine 16. Notification will occur via the unified ordering point to the USCG Station Bodega Bay or Sector San Francisco.

Incidents within State Parks

State Parks shall be notified of any emergency incidents occurring within State Parks boundaries. Notification will occur via the unified ordering point to their Northern Communications (NORCOM) Dispatch Center in Sacramento.

There is an interagency agreement between the Sonoma County Sheriff's Office and State Parks that provides State Parks jurisdiction for rescues occurring within park boundaries.

Incidents within Regional Parks

Sonoma County Regional Parks shall be notified of all incidents occurring within their regional park boundaries. Notification will occur via the unified ordering point to the Sonoma County Sheriff's Dispatch Center.

Vegetation Fires

The entire coastal area is designated as State Responsibility Area (SRA) where CAL FIRE has jurisdiction for suppression of wildfires. Notification will occur via the unified ordering point to CAL FIRE's Sonoma – Lake – Napa Emergency Command Center in Saint Helena.

Missing Persons

The Sonoma County Sheriff's Office has jurisdiction for missing person incidents with established procedures for search and rescue. The Sheriff's Office must be notified of

all missing person incidents. Notification will occur via the unified ordering point to the Sonoma County Sheriff's Dispatch Center.

Hazardous Materials Incidents

The fire agencies may be able to handle hazardous materials incidents. County Fire maintains a hazardous materials response team and may be notified to assist with hazardous materials related incidents. A representative from the team may respond in place of the entire team depending on the specifics of the incident. Notification will occur via the unified ordering point to REDCOM.

Pollution Notification

The National Response Center (1-800-424-8802), County Fire – Hazardous Materials Division and/or the United States Coast Guard shall be notified if there is any discharge or potential discharge of oil and/or chemicals that can lead into navigable waters or coastal area, including mystery containers and barrels. The chemical and estimated amount discharged, when feasible, will be needed so a proper response can be coordinated through local, State, and/or Federal agencies.

Public Information

Media contact, press releases, fact sheets, or other information releases will only be completed and distributed with permission of the agency or agencies having jurisdiction. Press releases, when appropriate, should contain all agencies that responded or assisted with the incident. All non – law enforcement agencies must use caution when discussing any incident that involves a law enforcement investigation and refer all questions to the appropriate law enforcement agency.

After Action Reviews

An after-action-review, debrief or similar discussion, should follow every significant incident. The purpose of this process is not to place blame on any one person or agency, but rather to identify what worked well and potential area(s) for improvement. This meeting should be hosted by the responsible jurisdiction within 14 days of the incident. A written summary that can be distributed is recommended.

Training Committee

A training committee composed of one responder from each participating agency will coordinate trainings. Trainings will occur as needed, with locations rotating along the coastal area to encourage the maximum amount of participating agencies.

Adoption of Rescue Standards

All agencies performing ground based low and high angle rope rescue, and swift water rescue will adopt and follow guidelines established in the California State Fire Marshal curriculum and by the National Fire Protection Association (NFPA). It is not expected

that agencies will buy new equipment and gear to meet these guidelines but rather use it as a guideline for purchasing any new equipment.

Color coding of webbing is standardized per NFPA 1006 as follows:

Green	=	5 feet
Yellow	=	12 feet
Blue	=	15 feet
Orange	=	20 feet

The following are the specific standards adopted by this plan for related responses:
California State Fire Marshal

- Low Angle Rope Rescue Operational curriculum, 2009 Edition

Relevant NFPA standards are as follows:

- NFPA 1006 (2008 Edition) – Standard for Rescue Technician Professional Qualifications
- NFPA 1670 (2009 Edition) – Standard on Operations and Training for Technical Rescue Incidents
- NFPA 1983 (2010 Edition) – Standard on Fire Service Life Safety Rope and System Components

Resources

All participating agencies have resources and expertise to offer one another.

Bodega Bay Fire Protection District

- Fire stations located in Bodega Bay
- Bodega Bay Station
 - One advanced life support ambulance (M811) that carries basic rope rescue equipment
 - Rescue Squad (R8835) with complete compliment of rope rescue equipment and Amkus rope rescue winch
 - Fire Boat (8845)
 - 12.5' Inflatable Rescue Boat (IRB 8846)

Coast Life Support

- Advanced life support ambulance based in Gualala (M120)
- Basic life support ambulance based in Gualala (B121)

Monte Rio Fire Protection District

- Fire stations located in Monte Rio and Duncans Mills
- Rescue Squad (R5435) with complete compliment of rope rescue equipment

Russian River Fire Protection District

- Advanced life support ambulance based in Guerneville (M576)

Sonoma County Fire and Emergency Services Department

- Overhead support
 - Division/Group Supervisors
 - Safety Officer
- Hazardous materials response team
- Logistical support

- Rehab 29
- Emergency management support
- Communications Support
 - Auxiliary Communications Service
- Type I rescue vehicle co-staffed at City of Santa Rosa Fire Station #1; will respond with an engine for total staffing of seven personnel.
- Annapolis Volunteer Fire Company
 - Squad
 - Type I fire engine
 - Water tender
- Bodega Volunteer Fire Company
 - Type I fire engine
 - Type III fire engine
 - Water tender
- The Sea Ranch Volunteer Fire Company
 - Rescue Squad (R4432) with complete compliment of rope rescue equipment

Sonoma County Regional Parks

- May have Park Rangers along the coast patrolling Gualala Point, Stillwater Cove, beaches in The Sea Ranch, and Doran Beach
- Park Rangers are able to communicate directly with the Sheriff's dispatch
- Rangers have EMS training
- Rangers are sworn Law Enforcement Officers

Sonoma County Sheriff's Office

- Three coastal resident deputies with EMS and rescue training and interagency communication ability (King – 1, 2, and 3)
- Rescue and medical transport helicopter (Henry – 1)
- One 29 foot SAFE boat available upon request from either Bodega Bay or Sonoma County airport. The boat is occasionally staffed with the primary mission of law enforcement.
- Radio communication vehicle (Mercury 2)
- Mobile Command Post
- Search and Rescue Team
- Facilitate law enforcement mutual air requests (Dive Team)

Timber Cove Fire Protection District

- Rope Rescue Squad (R4534) with complete compliment of rope rescue equipment
- EMS Squad (R4535) with complete compliment of basic life support equipment

California Department of Fish and Wildlife

- May have Wardens on duty along the Coast and additional Wardens during Abalone Season.
- Wardens may also be on patrol in the ocean.

California Department of Parks and Recreation

- Radio call signs are associated with assigned badge numbers.
- Five resident State Park Peace Officers with rescue training and interagency communication

- Ocean lifeguards with rescue training, EMS, and interagency training. Lifeguards will be ground based unless patrolling by boat and/or personal water craft (PWC). Carry a complete compliment of rope rescue equipment in assigned vehicles
- Salmon Creek Ranger Station
 - One rescue equipped personal water craft (PWC)
 - One rescue equipped inflatable rescue boat (IRB)
 - One utility terrain vehicle (UTV) to access beaches
- Salt Point Ranger Station
 - One rescue equipped personal water craft (PWC)

California Department of Forestry and Fire Protection (CAL FIRE)

- Fire engines located at The Sea Ranch, Cazadero, and Occidental; automatic aid response to all The Sea Ranch and Monte Rio Fire Protection District incidents
- Helicopters (primarily for wildland firefighting) available at Boggs Mountain (Lake County) and Howard Forest (Mendocino County/Willits)
- One air attack and two air tankers available at Sonoma County Airport

California Highway Patrol (CHP)

- Usually one officer on, or near, the Coast
- Helicopters
 - Napa County airport
 - pilot and crew chief
 - H – 30 and H – 32
 - Advanced life support from 0900 – 1600
- Fixed wing airplane
 - Napa County Airport
 - Forward looking infrared (FLIR)
 - Air 31 and Air 37

United States Coast Guard (USCG)

- Station Bodega Bay
 - Two 47' motor life boat (MLB)
 - One 25' response boat small (RBS)
- Air Station San Francisco
 - Three Search & Rescue helicopters (65 Dolphin)
- Air Station Sacramento
 - Four fixed wing aircraft (HC – 130)

The Sea Ranch Security

- Staffing up to two officers on duty
- First aid trained
- Automatic electronic defibrillators in vehicles

Appendix A – Participating Agencies

Local/County Agencies and Districts

Bodega Bay Fire Protection District
Coast Life Support District
Monte Rio Fire Protection District
Russian River Fire Protection District
Sonoma County Fire and Emergency Services Department (County Fire)
 Auxiliary Communications Service
 Emergency Management Division
 Fire Operations and Training Division
 Hazardous Materials Division
 Annapolis Volunteer Fire Company
 Bodega Volunteer Fire Company
 Fort Ross Volunteer Fire Company
 The Sea Ranch Volunteer Fire Company
Sonoma County Fire and EMS Dispatch (REDCOM)
Sonoma County Regional Parks
 Doran Regional Park
 Gualala Point Regional Park
 Spud Point Marina
 Still Water Cove Regional Park
 Westside Regional Park
Sonoma County Sheriff's Office
 Dispatch Bureau
 Tele-Communications Bureau
 Helicopter/Search and Rescue Unit
 Russian River Substation
 Marine Enforcement Unit
Timber Cove Fire Protection District

State Agencies, locally based

California Department of Fish and Wildlife
 North Coast District
California Department of Parks and Recreation
 NORCOM/Northern
 Russian River District
California Highway Patrol
 Golden Gate Division/Santa Rosa Area
 Office of Air Operations
CAL FIRE – Sonoma-Lake-Napa Unit
 Coastal Stations
 Emergency Command Center

Federal Agencies, locally based

United States Coast Guard
 Sector San Francisco
 Station Bodega Bay

Appendix B – Terminology

Low Angle Rope Rescue: Refers to an environment where on-rope rescuers are predominately supported by the rescuers themselves and not the rope rescue system.

High Angle Rope Rescue: Refers to an environment where on-rope rescuers are predominately supported by the rope rescue system.

Off Shore Rescue: An incident located in a water way that cannot be performed by resources that are not able to travel into or on the water way. This event type includes the following subcategories:

Land Based Water Rescue: Generally completed by rescuers trained in rescue techniques that can initiate a rescue from the shore/beach (lifeguards), including surf rescues and open ocean rescue.

Open Ocean Rescue: Generally completed by rescuers trained to initiate a rescue from a vessel designated to operate off shore and in open – ocean, or with the utilization of a helicopter.

Swift Water Rescue: Person trapped in moving water with no escape. REDCOM classifies these incidents as “RESCUE – SW.”

Emergency Traffic: The term used to clear designated channels used at an incident to identify priority radio traffic for first responders in an emergency situation or with an immediate change in tactical operations.

Automatic Aid: Resource response as part of an initial alarm assignment to a neighboring jurisdiction.

Mutual Aid: Assistance provided from one agency to another based upon a specific request.

Direct/Simplex: Radio to radio communication using line of site, not assisted by repeater. Device to device only.

Dispatch Net: A radio frequency used to dispatch resources to an incident. EX: Sheriffs 1, REDCOM, LNU West, etc.

Tactical Net: A radio frequency designated for local operations at an incident. EX: Sheriffs 4 Direct, CALCORD, XSN Tac 3, etc.

Command Net: Jurisdictional agency radio frequency used to communicate between the incident and the dispatch center.

Air Operations Net: A radio frequency designated for aircraft to facilitate air space safety. EX: 123.0250 MHz.

REDCOM: Redwood Empire Dispatch Communications Authority. Dispatch center for Sonoma County local government agencies, except The Sea Ranch Volunteer Fire Company, Cloverdale Fire Protection District and Rohnert Park Department of Public Safety. Each incident is dispatched on REDCOM and assigned another channel (Control) for use as a command net.

ECC: CAL FIRE's Emergency Command Center located in St. Helena and used to dispatch all CAL FIRE resources in Sonoma County and The Sea Ranch Volunteer Fire Company. The dispatch frequency is usually used as the command net.

Golden Gate Division: The California Highway Patrol's dispatch located in Vallejo that dispatches CHP units for Sonoma County. Coastal CHP Units are based out of Rohnert Park (Santa Rosa Area Office) and may have resident posts on the coast.

Sheriff 1, Sheriff 2, Sheriff 3, etc.: Sonoma County Sheriff's Office and Regional Park's dispatch channels. Sheriff 1 and Sheriff 3 are the primarily used dispatch and command frequencies.

Open Water: Contiguous waters of the Pacific Ocean below the mean high tide line.

NORCOM/Northern: NORCOM is the dispatch center for the Department of State Parks and Recreation and the Department of Fish and Wildlife units in Sonoma County. Their radio call sign is "Northern." Seaview, Point Reyes, and Salt Point repeaters need to be selected for use along the coast and the McCray repeater for inland parks.

United States Coast Guard (USCG): The San Francisco US Coast Guard Command Center serves the bay area and has the ability to dispatch air and boat (surface) assets. The USCG Station Bodega Bay has a small and limited dispatch center that can dispatch local water borne surface assets and relay all other request to the Command Center in San Francisco.

Unified Command: A team effort that allows all agencies with jurisdictional responsibility for the incident, either geographical, functional, to manage an incident by establishing a common set of incident objectives and strategies. This is accomplished without losing or abdicating agency authority, responsibility, or accountability.

Unified Ordering Point (UOP): The dispatch center designated to process all resource orders for multi – jurisdictional incidents.

Appendix C – Abbreviation/Acronym List

AAR	After Action Report
AED	Automatic External Defibrillator
ALS	Advanced Life Support
BLS	Basic Life Support
CAL Fire	California Department of Forestry and Fire Protection
Cal/OSHA	California Division of Occupational Safety and Health
CHP	California Highway Patrol
CLSD	Coast Life Support District
EMS	Emergency Medical Services
ESZ	Emergency Service Zone
FLIR	Forward Looking Infra-Red camera
FPD	Fire Protection District
H – 30/H – 32	Designation for Napa CHP helicopters
Henry – 1	Henry One, Sonoma County Sheriff's Helicopter
ICP	Incident Command Post
ICS	Incident Command System
IRB	Inflatable Rescue Boat
MLB	Motor Life Boat
NFPA	National Fire Protection Association
NIMS	National Incident Management System
NORCOM	Northern Communications dispatch for State Parks and Fish and Wildlife
PWC	Personal Water Craft
RBS	Response Boat Small
REDCOM	Redwood Empire Dispatch Communications
SEMS	Standardize Emergency Management System
TSR	The Sea Ranch
UHF	Ultra High Frequency
UOP	Unified Ordering Point
USCG	United States Coast Guard
UTV	Utility Terrain Vehicle
VHF	Very High Frequency
SCSO	Sonoma County Sheriff's Office
XSN	Sonoma County Operational Area Fire Agency
LNU	Sonoma Napa Lake CAL Fire Unit

Appendix D – Communications Plan/Radio Frequency List

Tactical Frequencies					
CALCORD	VHF	156.0750	N/A	156.0750	156.7
Marine 16	VHF	156.8000	N/A	156.8000	N/A
Marine 21A	VHF	157.0500	N/A	157.0500	N/A
Marine 22A	VHF	157.1000	N/A	157.1000	N/A
Marine 23A	VHF	157.1500	N/A	157.1500	N/A
Marine 81A	VHF	157.0750	N/A	157.0750	N/A
CG113	VHF-Digital	161.1375	N/A	161.1375	N/A
CG118	VHF-Digital	164.9000	N/A	164.9000	N/A
CG124	VHF-Digital	166.1875	N/A	166.1875	N/A
XSN Tac 1	VHF	153.7700	146.2	153.7700	146.2
XSN Tac 2	VHF	154.2050	146.2	154.2050	146.2
XSN Tac 3	VHF	154.4450	146.2	154.4450	146.2
XSN Tac 5	VHF	154.2500	146.2	154.2500	146.2
XSN Tac 7	VHF	154.0100	146.2	154.0100	146.2
XSN Tac 8	VHF	154.9950	146.2	154.995	146.2
XSN Tac 9	VHF	154.0700	146.2	154.0700	146.2
XSN Tac 11	VHF	154.4300	146.2	154.4300	146.2
XSN Tac 12	VHF	153.9950	192.8	153.9950	192.8
XSN VICTOR 1	VHF	153.9650	156.7	153.9650	156.7
XSN VICTOR 2	VHF	155.0700	156.7	155.0700	156.7
XSN VICTOR 3	VHF	155.2950	156.7	155.2950	156.7
XSN VICTOR 4	VHF	154.7850	156.7	154.7850	156.7
XSN VICTOR 5	VHF	156.1200	156.7	156.1200	156.7
XSN VICTOR 6	VHF	155.3375	156.7	159.1500	162.2
XSN VICTOR 6 RP	VHF	155.3375	156.7	159.1500	146.2
VFIRE 21	VHF	154.2800	156.7	154.2800	156.7
VFIRE 22	VHF	154.2650	156.7	154.2650	156.7
VFIRE 23	VHF	154.2950	156.7	154.2950	156.7
VFIRE 26	VHF	154.3025	156.7	154.3025	156.7
CDF Tac 6	VHF	151.3250	146.2	151.3250	146.2
CDF Tac 10	VHF	151.4000	192.8	151.4000	192.8
CDF Air-to-Ground	VHF	151.2200	N/A	151.2200	N/A

Cross-band/Interoperability Frequencies					
Common North	VHF	158.7375	156.7	156.1500	162.2
<i>Oak Ridge</i>	UHF	453.7125	156.7	458.7125	162.2
	800 Mhz	852.0125	156.7	807.0125	162.2
	Low	39.3200	156.7	45.2600	162.2
Common West	VHF	154.4000	156.7	158.8725	162.2
<i>Sea View</i>	UHF	453.8625	156.7	458.8625	162.2
	800 Mhz	851.0125	156.7	806.0125	162.2
	Low	39.8000	156.7	42.2600	162.2

Appendix E – Plan Update/Revision List

Date	Section	Revised Pages