

City of Depoe Bay

Emergency Preparedness Committee Regular Meeting

February 12, 2024 – Monday, 4:30 PM
Depoe Bay City Hall – 570 SE Shell Avenue

The Meeting Location is Accessible to the Public

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AGENDA

- 1) Call Meeting to Order and Establish a Quorum
- 2) Approve Minutes
- 3) Announcements
- 4) Old Business
 - A) Goals
 - i. Assessing Neighborhood Readiness
 - Oregon HazVu: Statewide Geohazards Viewer
 - Neighborhood/Assembly Area Map (2007)
- 5) New Business
 - A) Emergency Supplies
 - Ordered
 - What Next
 - B) Reference Materials
 - Depoe Bay Future Preparedness Committee Minutes (1994)
 - City Council Workshop Minutes (2011)
 - News-Times Article (2011)
- 6) Committee Member Comments
- 7) Adjourn

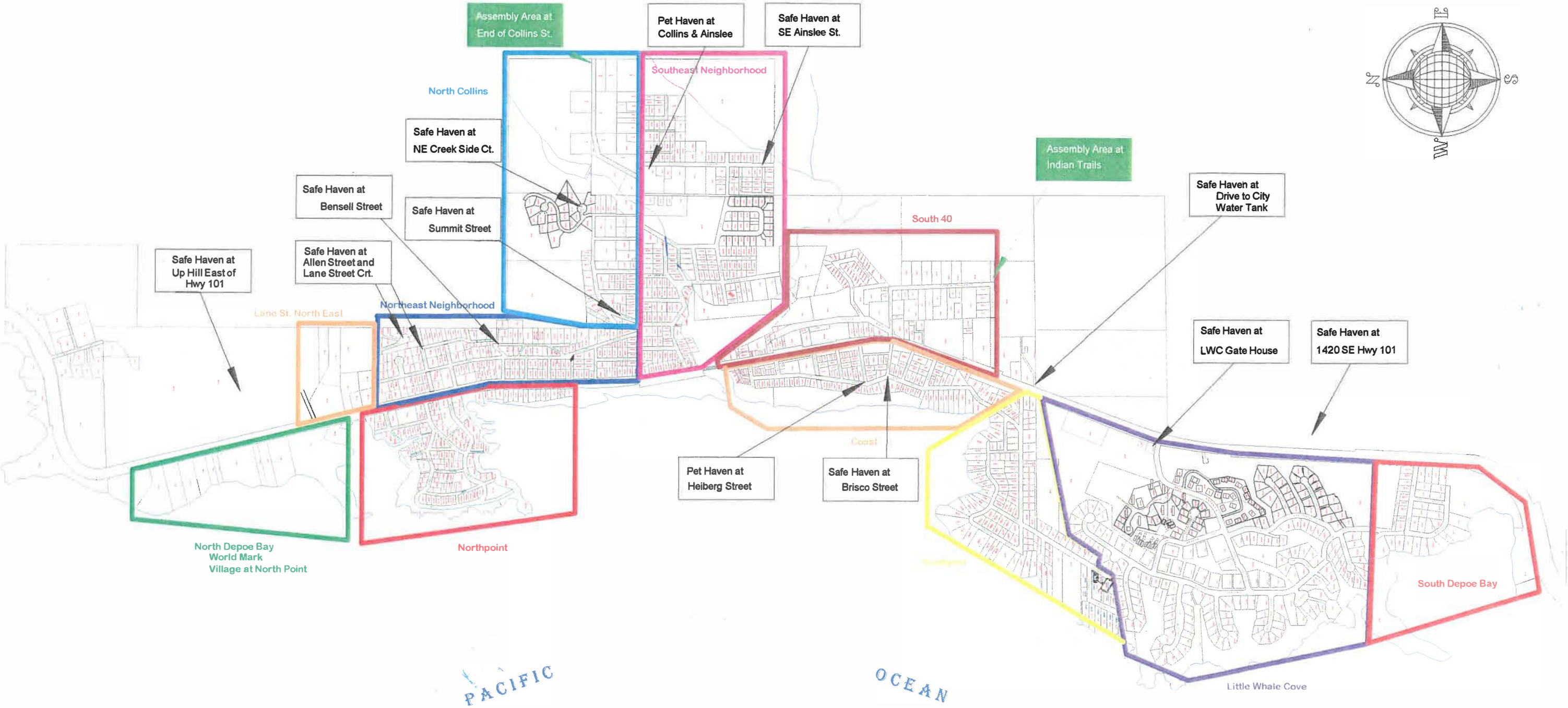
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LONG TERM ASSEMBLY AREAS LOCATION MAP

DEPOE BAY
OREGON

Emergency Preparedness
Locations



Depoe Bay Future Preparedness Committee
Initial Regular Meeting
July 21, 1994 - 7:00 p.m.
Depoe Bay City Hall

PRESENT: Chairman C. Wamacks, Lt. Stallard, Rich Allyn, Wayne Marshall, Jim Hawley,
Kate Becker, Mary Metcalf, Merv Ropp, Donna Greenlaw, and Maryella Ockfen.
ABSENT: Jack Kinnaman; State Police Officer Scorby; Jeurgen Turner
STAFF: City Recorder Kate Becker, City Secretary Jean Celia

Orientation

Chairman Cliff Wamacks called the meeting to order at 7:00 p.m. Wamacks reported that the Depoe Bay City Council authorized establishment of a preparedness Committee at its regular meeting on May 2, 1994. The assumption of the Council was that, to the extent possible, Depoe Bay should be prepared to react to a natural or man-made disaster and to help its citizens to be prepared to care for themselves and for each other. It is anticipated that Depoe Bay will fully participate in and benefit from the Lincoln County Emergency Operations Plan. However, especially in the event of a major tsunami, Depoe Bay may be isolated, north from south and from the balance of Lincoln County. A draft Depoe Bay Emergency Operations Plan has been prepared by Jim Hawley. It is the general mission of this Committee to review, revise and implement that plan and to establish the lines of responsibility and authority in disaster situations. Among other functions, the Committee, with sub-committee and County help as needed, will: (1) raise public awareness of the need for personal preparation for interim survival and mutual help; (2) establish central storage points for emergency supplies as may be necessary for short-term survival; (3) review adequacy of and preparedness of local disaster warning procedures; (4) consider law enforcement service in the absence of Sheriff or State Police; (5) consider need for an designate alternate egress/ingress routes when bridges are out; (6) coordinate fire service under the Emergency Operations Plan, including EMT; (7) review local public works service plan; (8) review plan for implementation of emergency information services; (9) inventory necessary supplies such as gas, oil, food, water, emergency transportation; and (10) other things that are deemed necessary.

Introductions

Wamacks then asked the Committee members to introduce themselves and their affiliation, if any, as far as associations or training for this task. Members of the Committee who are present are: Maryella Ockfen, registered nurse and experienced with emergency training, so health and safety aspects would be her areas; Lt. Ed Stallard, Patrol Commander of the Sheriff's Office, including patrol deputies and the marine division; Rich Allyn, charter boat operator; Wayne Marshall, Depoe Bay Coast Guard; Cliff Wamacks, retired prosecutor and member of the Depoe Bay City Council; Jim Hawley, from Emergency Services; Kate Becker, EMT and firefighter; Mary Metcalf, from Emergency Services; Merv Ropp, Fire Chief; and Donna Greenlaw, member of the Fire Board.

Brainstorm Problems/Prioritize Problems

Chairman Wamacks said everyone has received a draft of the Emergency Plan and asked if it is an adaptation of the County Plan. Hawley said it was developed from Waldport when their spit had washed away and is modified from the County Plan. This worked well for Waldport and was modified for Yachats at their request. It contains the preliminary information that the Committee

needs. This is brief and has been approved by the State; it is a good draft to work from. Metcalf restated that it is a draft and the group needs to make it specific to the community. Chairman Wamacks asked if members have looked through the draft and want to discuss it tonight or discuss it at another meeting after members have had an opportunity to make notes relevant to Depoe Bay on the draft plan. Some problems mentioned in the opening remarks and other problems and issues identified will have to be dealt with. After establishing an array potential, they can be prioritized. Chairman Wamacks believes that Depoe Bay needs to establish a plan which utilizes its local personnel and prepares its local population to the greatest extent possible. It is possible that there can be a disaster that totally isolates Depoe Bay and even cuts Depoe Bay in half, north and south of the bridge. Marshall said one of the first problems is a warning system for a tsunami or earthquake, especially a tsunami because we are very vulnerable here. Greenlaw asked about sirens. Hawley said they rust and if there are high winds they cannot be heard. Discussion followed about the earthquake hazards in the local area, focusing on a report completed in January, 1994, referred to by Wamacks. Hawley said a wave height of 27 feet is what is typically discussed. Chairman Wamacks said that based on research, there is a 300 year average for major earthquakes and tsunamis, with the last one on the Oregon Coast about 300 years ago. Ockfen said we are not the only town on the coast and perhaps there are other warning systems made of something other than metal, like plastic, for such towns. Chairman Wamacks said that although there are many communities on the coast, there is nothing systematic about setting up a warning system. Rockaway has a siren. Hawley said Waldport and Depoe Bay had one before. There were so many problems with it because of corrosion and water that they are no longer in use. Becker reported that she talked with officials in Rockaway last April. They got their warning system at a place that is no longer available; they are currently trying to get their second system and have tried the military bases, Trojan, and State, County, and local groups and have found nothing available. They estimate a cost of \$35,000 - \$65,000 to get the system. Regarding "survival kits," shipping an 8' x 40' shipping box was \$2,000 from Waylon out of Portland. There is a new development installation siren system that they are looking at. Chairman Wamacks was told that in about ten years there will be radios that will be turned on by an emergency pulse or tone from the station sent out in an emergency situation. Discussion followed. Hawley said there are some sirens that were going to be available from Mt. St. Helens; he will look into that. Marshall said he would check the excess property surplus at Ft. Lewis. Discussion followed. Hawley said it takes a 220. Ropp said that would not be a problem with him; he could have one at each of the three stations. Greenlaw asked about mobile phones. Hawley said it depends on the system. Metcalf said US WEST and Cellular One are setting up emergency systems for the cell sites. Chairman Wamacks said he would like to set up a communications and information subcommittee later and invite various representatives in to look at our plan for input. Ropp said if the sirens go onto the fire houses, housing needs to be addressed, such as a fiberglass heated enclosure with panels or something. On the new station, prints are being done now so it would have to be added soon. However it would require a conditional use, since no sirens are allowed there now. Marshall said public broadcast would work, especially in conjunction with the sirens, because people will turn on their televisions to see what is going on. Hawley said Channel 25 is starting in Newport, which will be on the top of Otter Crest and will not be on the cable. Hawley further advised there will be about 30 minutes for warning. People are told that if they live on the water and feel movement and/or have structural damage, perhaps a tsunami has occurred and they should move to at least a 50 foot high area. People should also know that 80 MPH winds are expected. Ropp also suggested flagpole warnings like the Coast Guard has on the fire stations. Hawley said

there should be something in the local paper to let people know what the flags mean. Metcalf said it could be sent out with the water bill for distribution. Hawley said visitors also come to the cost to see the storms. Ropp suggested cards in the motel rooms explaining the flag system. Marshall said the radio is a good way to get information out. He has the flags for storm warnings, small craft warning, and gale warnings. The National Weather Service does not provide flags now. Marshall further advised that along with the warning system, Rockaway has tsunami signs for evacuation roads. Depoe Bay should have some signs telling people how to get to the hills. Hawley said ODOT is preparing those signs for 101. Discussion followed. Hawley shared that in 1964 there was a ten foot wave. There are many things built now, especially in Lincoln City, that were not built then, but there is not much in Depoe Bay. Greenlaw said there would be mass panic going up these small roads in Depoe Bay. Chairman Wamacks recommended establishing at least six routes back so linear traffic on 101 would be minimized. Discussion followed. Greenlaw said it is best to mark the routes and share information. In Rockaway during a practice there was a fire engine available and there was a traffic jam with people stopping to ask them questions. Marshall suggested putting a full-page ad in the paper with emergency routes, information, and emergency phone numbers; motels could put them in the rooms too. Ropp said odds are the bridge will go down. He would like a tie-in up Schoolhouse Road away from the Bay. Allyn said Boise Cascade owns the property. Chairman Wamacks said Boise Cascade is exploring now options for an alternative route because of the weight limit on the bridge and are considering going across South Depoe Bay Creek and coming off onto Collins. The City is concerned about that much truck traffic on Collins but is interested in working with them in establishing a secondary route. Marshall said an alternate route has been discussed but it would cut through wetlands, private property, ODOT restrictions, and the possibility is slim; he would like to put in an emergency access across South Depoe Bay Creek 40-50 feet east of the current footbridge. Marshall said Depoe Bay is overdue for a major event and this alternative route is needed right now. Ropp agreed; the city owns the property. Chairman Wamacks said there are some questions about the property because it was given to the City for park purposes and there might be legal problems with using it for roadway purposes. Allyn said it would be emergency access only and could be called a footbridge. Ropp agrees that this should be pursued immediately. Ockfen said she understands the need for the alternate route but there isn't much foresight in doing that because Depoe Bay will have to turn right around and put another one in eventually. She recommended using Ainslee, which is not a wetland. Ockfen further said lots of companies with large trucks are having problems with the limit on the bridge, such as Fred Meyer. Chairman Wamacks said Boise Cascade will try to do something soon. Becker said if it is down close to the Bay, there will be debris washing onto the parking lot. Chairman Wamacks said that bridge might be covered by boats; Marshall said they could just be pushed off but a railroad car cemented into place will not go anywhere. Discussion followed about a portable Bailey or tank bridge. Hawley said the Bailey is pontoons with lattice work across it that takes more than 30 minutes to set up. Stallard said there is a tank bridge that is pulled behind a vehicle; it is folded up, pulled on a trailer, and it spreads out. Stallard further said the Corps of Engineers would know what type of emergency bridges are available.

Next Steps

Chairman Wamacks suggested that each member individually review the draft plan and discuss it at the next meeting, focusing on its strengths and weaknesses and how it will fit Depoe Bay. If necessary, the Committee can get some people to work on a revision to meet Depoe Bay's specific needs.

Organization

Chairman Wamacks reported that he was asked by the City Council to convene this Committee, but he does not particularly want to stay as Chair. Members indicated they wanted Wamacks to retain the Chair position. Chairman Wamacks said he will not be present for every meeting. Allyn suggested Marshall be Vice-Chair. Marshall declined being part of the organization because of his position in the Coast Guard and emphasized his desire to help the Committee in any other way he can. Hawley recommended Ropp as the Vice-Chair. Ropp agreed to serve in this capacity. Chairman Wamacks said the City Council is providing secretarial services and minutes. Allyn said in just a few meetings much of the work could be done. Hawley suggested two sub-committees be appointed: communications/warning and fuel/medical. Ockfen said the Committee should have everyone's telephone number in the group. Becker passed around a piece of paper for everyone to note their name and telephone number and then distributed copies of this information to each member.

Brainstorming - continued

Discussion followed regarding sirens being more practical for earthquake warning because there is more time. Ropp also said the sirens on the vehicles and similar small systems might be effective. Discussion followed. Allyn mentioned the possibility of the fire stations as a shelter and supply of bottled water. Hawley said people should take bottled water with them, even from the water tank and toilet tank. Marshall said there is lots of water available especially from the creeks but containers are needed. Chairman Wamacks said part of the materials distributed to members contain information regarding water purification.

Next Steps - continued

Chairman Wamacks said the next meeting should be a review of the draft emergency plan and out of that the Committee can establish what working committees are needed. He would like to start the investigation about the warning system and any possible emergency alternate route right now and would also like someone to coordinate the information on what is available for emergency warning. Ockfen said a triage group should be considered also. Ropp said many fire departments have retired persons and retired firefighters available as triage. Ockfen said this could be organized so when a siren goes off, everyone knows just what to do. Chairman Wamacks asked Ropp to coordinate information regarding warning system, perhaps working with Hawley and the Coast Guard. Ropp agreed. Chairman Wamacks asked Hawley to follow-up on investigating emergency routes, especially with Corps of Engineers. Then Chairman Wamacks talked about the composition of the Committee; he advised that there are some people who were to be here tonight but were unable to make it. Also there may be others who would be an asset to the Committee, and Chairman Wamacks asked for suggestions from the members. Marshall said a person who knows about utilities would be helpful, such as Teri Turner. Chairman Wamacks said he anticipated putting together a committee for utilities and the like and having them interface with people in that industry; and Terry Owings will be involved, especially as it relates to the City Engineering of water and roads, etc. Ropp asked about looking into alternate routes through private land. Ockfen said that there is already a committee working on that and perhaps the various committees need to be coordinated in their efforts. Chairman Wamacks said law enforcement services also need to be explored; the chances of having a Sheriff or Trooper here is slim. Stallard said they could probably get one or two people in off 229, because it eventually comes into Collins, assuming there wasn't a landslide. They also have access to Coast Guard and National Guard to airlift a few people in.

Ockfen asked where a helicopter would land. Marshall said the Siletz Airport or Rocky Creek State Park. Discussion followed regarding other possible landing places such as Boiler Bay. Chairman Wamacks asked about Coast Guard boats surviving a tsunami and being able to get out. Marshall said they have various plans, depending on the situation, especially depending on whether or not they can get out beyond the bridge.

Next Meeting

Chairman Wamacks asked for a day of the week that is good for members to meet. Several people suggested Thursday. The next meeting was scheduled for the second Thursday of August, August 11, at 7:00 p.m.

The meeting was adjourned at 8:39 p.m.


Chairman Clifford Wamacks
City Secretary Jean Celia

Depoe Bay Future Preparedness Committee
Regular Meeting
August 11, 1994 - 7:00 p.m.
Depoe Bay City Hall

PRESENT: Chairman C. Wamacks; Jim Hawley; Wayne Marshall; Officer Scorby; and Lt. Ed Stallard.
ABSENT: Rich Allyn; Kate Becker; Donna Greenlaw; Jack Kinnaman; Mary Metcalf; Maryella Ockfen; Merv Ropp; Jeurgen Turner
STAFF: City Secretary Jean Celia

Call to Order

Chairman Cliff Wamacks called the meeting to order at 7:15 p.m and said he would prefer more input from the community on the plan rather than just the five professionals present tonight. He said there are no by-laws that establish a minimum required for a quorum, and so he called the meeting to order without an official quorum.

Introductions

Regarding introductions, Wamacks noted that Officer Scorby is the only member present tonight who was not present at the last meeting.

Approval of Minutes of July 21, 1994, Meeting

Wamacks then asked for any additions or corrections to the minutes of the July 21 meeting. Several members said they thought the minutes were well done. Wamacks said that hearing no additions or corrections, the minutes are accepted as they are published.

Warning System

Wamacks reminded the meeting that Ropp and Hawley were to look into a warning system. Hawley said he discovered that the warning systems used after Mt. St. Helens have sirens that are very big with large engines and take 440 or 480 volts and therefore would be too large for any use Depoe Bay might have. He also talked with Gary Pankey, the Waldport Fire Chief, who advised Hawley that Waldport purchased for \$6,000 a 360° fiberglass siren that will be put on the top of the Waldport Fire Station. Hawley said it could probably be heard under favorable conditions even in Bay Shore, which is just northwest of Waldport across the bridge. Hawley will pursue this. Marshall said he researched getting a warning system from the federal government and no one knew anything about it, not in excess property or anywhere else. Marshall further reported that he was in Gold Beach and they sounded the volunteer siren similar to the one in Waldport. He was four miles from the station up the river and heard it; if this is the same system, he thinks it could be heard all the way to Sentry. Lt. Stallard said perhaps this could be included in the fire department budget.

Emergency Alternate Route

Hawley said regarding the plan for roads 101 and the back area of 20, 24, and 229, he shared an aerial photo taken in November, 1993. Wamacks said he has a copy of that photo also. According to this, there is very little behind Depoe Bay as far as evacuation out of the area. Stallard said he spent some time back there and the roads that are there are extremely susceptible to landslides during an earthquake, but would probably be okay during a tsunami. Discussion followed regarding different landmarks and roads on the photo. Marshall was particularly interested in the road beyond where Schoolhouse ends that appears to lead to a booster station. Marshall said if that is a reasonable road he will provide manpower to repair it and cut the overgrowth and make it

useable access road. Stallard will talk with Boise Cascade regarding permission to get to that access road. Marshall said he will talk with the PUD about clearing and using the road. Wamacks said the PUD would be the ones to talk to with regard to their powerline access road, but getting from Depoe Bay to the access road would be across Boise lands. Wamacks then asked where the transmission line road goes to the south. Stallard said it ties into Collins; Marshall agreed and said it would be an immediate solution and would cut many miles off the access road via Rocky Creek. Stallard said there is a road by Little Whale Cove that also eventually connects to Collins but it is many miles long. Marshall will look at it before the next meeting to see if this is something to be considered; Marshall also advised that Mark Hathaway would probably know about it too and he will look into that as well.

Bridges

Hawley reported he was not able to get in touch with the Corps of Engineers yet but he got the name and number of a company in Lebanon who supplies the railroad cars for bridges. He will pursue this and find out details such as costs. He said they are not too expensive because people often buy them to put on their property; Marshall said that particular company handles all the train wrecks and that is where they get the cars.

Review of Emergency Operations Plan

Wamacks suggested proceeding through the plan section-by-section with comments. Everyone present said they have read through the plan, and Wamacks asked for comments.

Purpose Wamacks believes it covers what is needed; there were no other comments.

Mission This section had no comments following Wamacks' reading of it to the group.

II. A. Marshall asked about how much evacuation time there would be. Hawley said anywhere from 7 hours (from a 10-foot wave in Alaska) to 25 minutes (200 miles off the Oregon coast), depending on the event. Marshall said it would be helpful to state that so people would understand the seriousness of the situation and the need for quick evacuation. Wamacks suggested adding wording about the shortness of time that could be involved in the preparation for reaction as well as noting the situation that Depoe Bay is in regarding its being cut off from the rest of the County and being cut in half itself. Marshall asked what Wamacks means by Depoe Bay, does he mean Gleneden Beach, Lincoln Beach, and so on or just Depoe Bay city limits. Wamacks said what the Council has put together is within the city limits in terms of the interest of and through the auspices of the Depoe Bay City Council and the ability of the City Council to finance the operations of the committee, it is solely the City limits of Depoe Bay. He said if it is the desire of the Committee at some future time to draw in people from Otter Rock, Lincoln Beach and Gleneden Beach, which is the entire fire district, we can look at that. Marshall asked who the communities would look to in case of a disaster; they may look to Depoe Bay because it is the closest town. Discussion followed regarding how and where people from outlying communities might be served, such as going to Salishan Lodge because they have food and shelter. Hawley said they would be covered to an extent by the Lincoln County services such as police. Marshall asked if there was something Depoe Bay might need that is not within the city limits. Wamacks said he has considered this and thinks that we would want to stockpile as much as possible but some things are not able to be stockpiled in sufficient quantities and we would need to look at sources outside of Depoe Bay that would meet those needs. Regarding Otter Rock, Wamacks said we need input from Merv Ropp but he believes they tend to react South to Newport rather than north to Depoe Bay. Marshall said in a disaster people tend to go to the central emergency services and Depoe Bay may have an influx of people. Wamacks read some possible additional wording, to wit:

"Warning time in event of a major tsunami could be as little as 25 minutes. Depoe Bay would likely be isolated from the balance of the County and be isolated north from south." Everyone agreed with that.

II. B. Wamacks suggested adding "fire" to this item. Marshall said in the first paragraph (of II. A.) the assumptions should be that we are going to get people in Depoe Bay because people know the emergency services are here; add "The City of Depoe Bay and surrounding areas."

III. A. Wamacks said "City government and Fire District." Hawley asked about the fire department; Wamacks said the citizens living in Depoe Bay support the fire district by paying part of their taxes to it. The Depoe Bay City government and the Fire District Board would both have to officially adopt the Emergency Operations Plan when it is fully developed.

III. B. Marshall asked what the central facility is. Wamacks said under IV. B. the control points are suggested. Scorby said all of these are south of the bridge, and he would like an alternate for north of the bridge; Wamacks agreed. Stallard asked about communications at the City Hall. Wamacks said there is a local CB that communicates with the engineering staff in Depoe Bay. Hawley said this is in the plan because some cities want the city hall listed as first even though that is not always best. Stallard suggested the fire station be first because of their capabilities, somewhere north of the bridge as number 2, and the city hall as the third alternate. Marshall said the Coast Guard has all the capabilities of the fire stations and more. Their evacuation is to be at the top of Collins Street if they are north of the bridge, which is closer to the houses with families. This is a short-term solution they will work until a central command is established. Marshall said PCH is establishing a clinic at Mall 101 and those facilities might be considered because it might have communications and emergency power. Hawley will check them out. Wamacks said Gary Thebault is on the board of the hospital and may know the details. Wamacks could not think of any other location north of the bridge and south of Fogarty that might serve as an emergency control point except the Coast Guard or the Coast Guard Mobile. Wamacks said the group will revisit this question at the next meeting.

IV. A. 1. Marshall said both of those people could be unavailable and he suggested including the fire chief. Hawley said it is usually an elected official to make the decisions at the local level. Wamacks said the City might be uneasy with turning the authority for the City over to the fire chief, who is responsible only to the fire district. Stallard said there might be some succession through the Council because they are all elected officials. Wamacks said he made notes regarding exploring the line of succession.

IV. B. 1. Stallard suggested reversing the fire station and city hall because everything would need to be brought in to the city hall. Wamacks said there would have to be in place a working agreement between the City and the Fire District. Stallard said the city could perhaps over time develop downstairs a means for communication and some supplies.

IV. B. 2. Hawley said that is where the information will be relayed.

IV. C. Marshall asked about redundancy with the fire chief; Hawley said he immediately contacts the County Fire Chief. His information goes to the County Fire Chief.

V. Hawley said the group just covered the basic plan for the city. To support that plan the agencies required for fulfilling the responsibilities are included; they are very general. Wamacks said they may become more specific later, such as emergency supplies and taking control of resources and necessities like as gasoline. He said this is a good starting place and it can be amended in the future as it becomes appropriate.

VI. This is a formality but cooperation is required by the City and Fire District and we may want to add the adoption and authentication by the fire district.

8:10 p.m. Marshall left the meeting due to a Coast Guard emergency call.

Annex A: Disaster Warning Service

Hawley said in all of the plans of the County the warning system is how information is received; it comes through LINCOM or through his agency. Wamacks asked if Depoe Bay were to become an agency to receive warning, what equipment would it need. Hawley said the information is passed on by telephone or radio or the like; he will get a copy of that information to Wamacks, listing who notifies whom. Wamacks noted that under the warning service, initially there is no public warning. Hawley said the radio stations or a siren are used for that. Wamacks read the disaster warning service.

II. There were no comments.

III. A. Hawley said #2 is the information he did not yet provide but will get it to Wamacks.

III. B. Wamacks asked if we should assume there is an established local Depoe Bay warning system. Hawley said yes; right now it would go back to the fire service. That could be written into the fire service annex. Hawley further said we should also discuss the Police Section tonight because the other people are not here tonight.

III. C. and D. Wamacks read these; there were no comments.

IV. Hawley said we will want to decide this for Depoe Bay.

Wamacks said the balance of this is a tie-in with the County system. Stallard asked the purpose for the log forms in C. Hawley said it is the dated time of the information as they receive it; either they or LINCOM logs the information. Stallard said everything at LINCOM is recorded and wondered what the need is for a written log. The answer was unknown.

ANNEX B: POLICE SERVICE

I. II. and III. Wamacks read these and asked for comments, additions or suggestions. Stallard said the police cars are like little command posts and have everything they would need. Scorby said their primary responsibility is evacuation of state parks. He said most of the officers now take their patrol cars home and the officers live in scattered areas so the County is well covered.

8:25 p.m. Marshall returned to the meeting and reported he talked with Ropp, who is at Lincoln Beach on that call; Ropp said an alternate control point north of the bridge is Sentry Market. Ropp knows the transmission road well and said it used to be usable, but he does not think it is usable now. Ropp and Marshall will look into the transmission road; Ropp has access to the road and a gate key.

C. 1. Scorby said they will be looking at damage to the state highways and bridges. Wamacks said the primary responsibility will be with the County Sheriff and will ask for police back-up. Wamacks said at a later meeting he would like to explore the maintenance of law and order in the event of isolation, particularly with potentially limited supplies of food, water and gasoline.

C. 1. b. Hawley said this means that there is a possibility that Lincoln City could come down and help in Depoe Bay. He said we have not had a major wind storm in this county for more than ten years. During the last one the services worked well because of the communication and cooperation between the different agencies. Marshall said they have a list of people to call when they receive gale or storm warnings.

Wamacks asked for any additional comments. Hawley said whatever Depoe Bay comes up with he will use for Siletz, except the tsunami information. Marshall said they cannot do any civil defense or use their weapons unless they are directed to but they can protect Coast Guard property. Wamacks said there would probably need to be a Presidential Declaration to mobilize the Coast Guard. Stallard asked for some time to work with C and will have some additions by the next meeting. Wamacks said we would leave the Annex B review open to be revisited with the next agenda.

Additional Problems/Ideas

Wamacks then asked for any additional problems, ideas or anything to come before this meeting. There were none.


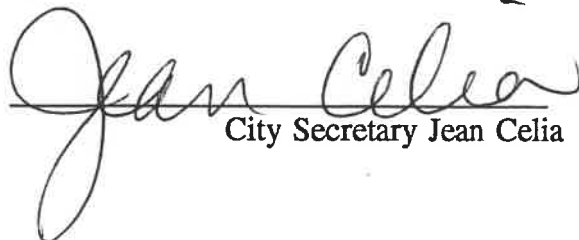
Next Meeting Date

Wamacks advised the group that he will be in town until August 28 and then will be gone for a month, but we have Ropp as the Vice Chair. Following discussion, the next meeting was established for Thursday, August 25, 1994, from 7:00 p.m. to 8:30 p.m. Marshall asked about notification to the public about this meeting and recommended putting a notice at the post office. He just talked with Turner, who said he was not aware of the meeting. Wamacks said it is more efficient to meet without the general public input and having to educate them as they drop in. He will confirm that the City Hall Staff contacts members prior to the meeting to remind them of the meeting, as was done with each member present regarding tonight's meeting.

Recap

Hawley recapped that Stallard will have additional information by the next meeting and he will have the bridge information and the warning information that came out of Waldport. Hawley will fax Wamacks the page that is missing, as discussed previously.

The meeting was adjourned at 8:41 p.m.


Chairman Clifford Wamacks
City Secretary Jean Celia

CITY OF DEPOE BAY, OREGON
EMERGENCY OPERATIONS PLAN

AUTHORITY

This plan is issued in accordance with and under the provisions of the Oregon Civil Defense Act of 1949, as amended, and by the order of the Depoe Bay City Council.

PURPOSE

- A. To provide, in cooperation with the Lincoln County Department of Emergency Services, an effective operational capability in order to minimize the results of a natural or man-made disaster.
- B. To assist in meeting the above capability, the following requirements should be satisfied:
 - 1. Provision of an adequate warning in event of a natural or man-made disaster.
 - 2. The development of a local plan to provide emergency operations in times of emergency.
 - 3. An Emergency Operations Center from which city government can function efficiently.
 - 4. The identification of facilities suitable for use as shelters for the citizenry as a means of maintaining self-sufficiency in the event of a disaster.

I. MISSION

To safeguard life and property by making maximum use of available manpower, equipment, and other resources in order to minimize the effects of a disaster.

II. ASSUMPTIONS

Considering the fact that disasters may occur with little or no warning, these plans are based on the following assumptions:

- A. That the City of Depoe Bay and surrounding area is particularly susceptible to floods, sea waves, and Tsunamis. Warning time in event of a major tsunami could be as little as 25 minutes. Depoe Bay would likely be isolated from the balance of the County and be isolated north from south.
- B. That the City of Depoe Bay cannot ignore the possibility of severe wind storms, fire, drought, or man-made disasters at any time.

III. CONCEPT OF OPERATIONS

- A. It is a basic concept that emergency operations will make use of all available resources, governmental and private, to combat the effects of a disaster. Since the normal functions and organization of local government will be the nucleus around which a disaster operations organization will be developed, appropriate emergency functions will be assigned to the various departments of city government.
- B. Heads of the emergency functions will be assembled in a central facility during the emergency. The facility will have communications capability so all emergency services

can be directed and controlled by the appropriate staff and that required information may be received, recorded, plotted, analyzed, and quick decisions made, in response to a disaster. Communications capability will include a warning system to warn the public. Communications will be established with the County Department of Emergency Services, and adjacent cities.

IV. CONTROL

A. LINES OF SUCCESSION

1. Line of succession of city authority:
 - a. Mayor, City of Depoe Bay
 - b. President, Depoe Bay City Council
 - c.
2. Heads of departments will establish lines of succession.

B. CONTROL POINTS

1. Alt: Fire Station
Alt: [north of bridge]
Alt: Depoe Bay City Hall
2. County: County EOC, County Courthouse

C. THE FOLLOWING OPERATIONAL STATUS REPORTS WILL BE MADE:

To County upon activation of the City Emergency Operations Center.

V. LIST OF ANNEXES

- A. Warning Services
- B. Police Service
- C. Fire Service
- D. Public Works
- E. Emergency Information Service

VI. AUTHENTICATION

Date _____ SIGNED _____
Mayor

President, City Council

Depoe Bay Fire District

Fire Chief

Depoe Bay Future Preparedness Committee
Regular Meeting
August 24, 1995 - 7:00 p.m.
Depoe Bay City Hall

PRESENT: Chairman Cliff Wamacks; Kate Becker; Officer Dorman; Lt. Ed Stallard (arrived 7:15 PM)
ABSENT: Rich Allyn; Jim Hawley; Jack Kinnaman; Wayne Marshall; Maryella Ockfen; Merv Ropp; Judy Thompson; Jeurgan Turner.
STAFF: City Secretary Jean Celia.

Chairman Cliff Wamacks called the meeting to order at 7:01 PM and established a quorum.

Approval of Minutes of the July 27 Meeting

Wamacks asked for additions or corrections to the minutes. Hearing none, he declared them accepted as filed.

View Video re: The Effect of Tsunamis on the Central Oregon Coast

Everyone present viewed the Japanese tsunami video showing the known potential causes, various indications of impending tsunami waves, impacts, actual footage of the 1983 Japanese tsunami (30 minutes to wave appearance), and footage and research findings from the 1993 earthquake and tsunami (5 minutes to wave appearance). They stressed that one should not go back to the shoreline after the first tsunami wave. The video then described and showed a computer-generated tsunami wave in the Siletz Bay. Footage of the 1923 Japanese earthquake was shown. Following the video, Wamacks said it does not give us much time to get people to higher ground. It is also interesting, Wamacks continued, that that was only a 4 meter tsunami wave, which is quite a bit less than the 10 feet we thought we might expect, but almost the entire Salishan Spit was substantially washed over. There were no other comments regarding the video.

OLD BUSINESS:

Additional Information on Signs

Regarding tsunami warning signs that will be in view of the public and direct them, there are two types, Wamacks reported, and described the signs and details of the information. A copy of the information is attached. Becker said she checked on the prices and verified they have not changed. Dave Morris with ODOT said if they are to be placed in the state right-of-way, ODOT prefers to do the labor and hopes that the city would obtain the 4x4 posts, which are \$11.00 each. Dave Morris will be here next Monday afternoon and would like to meet with some people to discuss exact placement. Wamacks said he will be here for another meeting at 2 PM on Monday and can meet with him Monday afternoon. Naomi Wamacks asked about evacuation sites, and Wamacks described the two locations tentatively examined. Boise Cascade, the owners of one of the sites, requested we write to them and let them know exactly what we want to do with the site. John

Saunders, a member of the audience, asked about the east end of Collins, with Wamacks saying a large tsunami could run up North Depoe Bay Creek and affect that area. Current estimates say the offshore reef and narrowness of the channel should help lessen the tsunami experience in Depoe Bay. Discussion followed about other possible evacuation sites. Wamacks said we have also not yet decided the specific sites for the 'tsunami hazard zone' signs.

Review Costs to Clear Two Proposed Disaster Assembly Sites

Terry Owings [City Field Supervisor] was working on this, Wamacks reported, but he is at a training school and is unable to be present tonight. No one else had any information on that subject, and it was set over to the next meeting.

NEW BUSINESS:

Review of Senate Bill #379

Wamacks reported that Senate Bill #379 was adopted at the last session of the legislature and places certain restrictions on the construction of some new and critical facilities in the tsunami inundation zone of the Oregon coast. The goal is to reduce loss of life and property from the next local tsunami event. This is from the Deputy State Geologist with the Oregon Department of Geology and Mineral Industries. The purpose of this mailing is to alert us to the legislation, the rule writing that will soon occur, and the issues surrounding these new safety precautions. They will be holding hearings along the coast in late October, at which time coastal residents will be encouraged to provide input. The provisions of the act in no way change routine land use permitting or building permit processes. The provisions provide for screening of sites and initiation of creative discussions with technical experts before those processes occur. The bill becomes effective on January 1, 1996. The bill essentially requires each jurisdiction which may site facilities to evaluate where it is they intend to site them. Facilities would include fire and police stations, schools, hospitals, colleges, jails, emergency structures and equipment, etc. The bill requires the Oregon Department of Geology and Mineral Industries to do studies to determine the risks of the various locations long the Oregon coast. The studies will at first be general for the entire coast, then regional, and then local. We will get more specific data as the study becomes available, and Wamacks then described the type of information that they foresee generating. Wamacks asked if any of the committee members have any thoughts or reactions to the Senate Bill, and said he is encouraged to see a state agency set this as a priority.

Conference

Wamacks reported there will be an earthquake and tsunami conference presented by Oregon State University at the Seaside Convention Center August 29-31, with a \$85-\$110 registration fee, and it may be possible to send one or more persons to the conference with the approval of the City Council. Discussion followed. The conference will be held prior to the next regularly scheduled Council meeting.

OLD BUSINESS: (continued)

Signs (continued)

Stallard said to expedite matters on the tsunami warning signs for areas of high public vulnerability, perhaps we could do a quick survey before the next meeting and bring back suggestions for high public vulnerability areas. We can also look at how many evacuation route signs will be needed. Then we can come up with a proposal to the City Council with a price included. Wamacks thanked

Stallard and said we look forward to receiving that specific information at our next meeting. Becker said there are not that many roads that go east that are high enough, and discussion followed.

Schedule Next Meeting Date

Following discussion, the next meeting date was scheduled for Thursday, September 14, at 7:00 PM.

Priority Matters

Wamacks said by our next meeting we will have reviewed our priorities so we can move forward on other priority matters.

There being nothing further to come before the meeting, it was adjourned at 7:54 p.m.

Chairman Clifford Wamacks



City Secretary Jean Celia



Figure 3. Official Oregon tsunami evacuation sign.
An arrow pointing in the direction of travel goes beneath.



Figure 4. Official Oregon tsunami warning sign
for installation in areas of high public vulnerability.

Depoe Bay Future Preparedness Committee
Regular Meeting
August 25, 1994 - 7:00 p.m.
Depoe Bay City Hall

PRESENT: Chairman C. Wamacks; Kate Becker; Jim Hawley; Wayne Marshall; Mary Metcalf; Maryella Ockfen; Merv Ropp; and Officer Scorby.
ABSENT: Rich Allyn; Donna Greenlaw; Jack Kinnaman; Jeurgen Turner; and Lt. Ed Stallard.
STAFF: City Secretary Jean Celia

Chairman Cliff Wamacks called the meeting to order at 7:05 p.m.

Approval of Minutes of August 11, 1994, Meeting

Wamacks then asked if everyone had reviewed the minutes of the August 11 meeting and called for any corrections, additions or comments. Hawley said he would like to clarify something -- on the last page, where it says who signs off, it must be signed by people who have been elected by the citizens of Depoe Bay but it cannot be the fire chief. Wamacks asked for other comments or additions. Marshall said on page 2 of 5, regarding bridges and the company that handles all of that, it was Lt. Ed Stallard and not himself that shared that information. Wamacks called for other changes; hearing none, the minutes stand as published.

Committee Reports

Warning System

Hawley said he talked with Gary Pankey again. The siren is still in the box until he has some mounts made. It is 12-volt and can be attached to two large batteries, can be remoted, has 5 varying pitches, and you can put a microphone on it and use it as a PA. It is heavy plastic and costs about \$6,000. Hawley will get a copy of the specs on it. He does not know where it was bought. The sound range should go from the fire station in Waldport to Bay Shore, which is across the bridge. It has a 360 degree siren.

Emergency Alternate Route

Wamacks said Stallard was going to explore the logging road. Marshall said he and Ropp did that this afternoon. He advised that you can walk up to the power station and beyond that it is unusable, plus it would still need a bridge. Ropp said there would have to be a lot of money put into it; he clarified that it is the old powerline road and would connect with Collins. Wamacks said it appears that we will need to continue to explore other options.

Temporary Bridges

Hawley distributed copies of information he received regarding a flat-car bridge, including a diagram; a copy is attached. He said the company has 15 in stock right now. Hawley also mentioned the wooden bridge and asked if that would be used as an emergency fire access. Wamacks said it would be emergency access to everything north of the bridge if the bridge is out. Hawley said the fire service has access to federal excess property without charge. Ropp said it would be emergency fire access as well as for other agencies. Hawley said everything now has to include the fire department for funding. Wamacks clarified that there would be federal money available to buy the car. Hawley said excess property may have bridges that might be available to Ropp; they could be put in place at the location of our choice without cost except for transportation. This would be for the structure but not installation. Marshall and Ropp said installation would not be a problem. Ropp said they have been concerned about fire access for a

long time; he brought it up to the DOT regarding limiting the weight on the bridge to exclude fire trucks. Hawley will research this and see what is available before the next meeting. Marshall said it would probably require the maximum size available. Metcalf said it would be nice to have a minimum size and a maximum. Ropp said the 53 foot would work; minimum would be about 50 feet. Marshall said he and Ropp would go and measure. Wamacks said there are several groups that we need to talk with before installation, such as the Salmon Enhancement Commission. Wamacks suggested having an inventory of what might be available.

Storage Containers

Wamacks brought to the attention of the Committee a flyer regarding sale of marine cargo containers; he said emergency supplies would need something to be kept in to protect them from the weather and be relatively secure. Becker agreed to get details on the cargo containers. Ockfen asked about quonset huts; Scorby said they are not too secure. Metcalf said the Red Cross in Salem uses the storage containers. Wamacks clarified that these are the cargo containers on the ships. Marshall advised that he has had experience with them. There are many different kinds. He said one could be put up on blocks in the back of City Hall and last forever. If food is in it that does not need to be refrigerated, a good one would be a chemical container, class 1, sealable, air-tight, and insulated. Becker said she called NW Containers in April; an 8 x 40 container was about \$2,000 plus shipping.

Review of Emergency Operations Plan

Wamacks advised that as the minutes indicate, at the last meeting we covered pages 1 and 2 and started into Annex B, page B-1. He suggested backing up to Section A and asked for comments on pages 1 and 2 or Section A. Ropp, Ockfen, and Becker [who were not present at the last meeting] reviewed them and had no comments. Ockfen reminded the group that on page 3 of the notes, under B-3, that needs to be revisited. Wamacks asked for additional comments; there were none. Ropp said with regard to the fire station being the primary station for communications, there will be many volunteers, their families, lots of equipment, and some of the building might be down. He feels there would be a lot of confusion there, but not so much at the Gleneden Beach station -- the Otter Rock and Depoe Bay stations are smaller and would be more congested. Wamacks said we are looking at the location for a control point, where the mayor or other persons coordinating what is going on would have a command post. Ropp agreed that the fire station would be a good location for a command post. Wamacks said a control station must be established north of the bridge. Ropp suggested the Liberty and the Post Office. Marshall said there are underground fuel storage tanks there and in an earthquake it would not work. He said the Coast Guard mobile will go to the top of Collins and act from there. Wamacks said a mobile unit idea might work. Discussion followed about other possibilities, such as the Community Center and Boiler Bay. Wamacks said we will continue to explore this issue, but for now mobile units would be the best bet. Ropp said it depends on what the disaster is. Marshall said Ropp's vehicle, his vehicle, and the Mayor are all north of the bridge. Discussion followed regarding alternate sites such as using Boise Cascade roads and coming around to the top of the mountain, which would be good for visibility and communications. Marshall suggested an agreement to meet at the top of Collins and then decide what alternative to use, based on the event. Wamacks said establishing staging areas and then deciding from there would be a good idea. Hawley mentioned the possibility of a major wind storm. He said the PUD provides a list of all people on life support systems to many agencies, including every fire department.

B-2. There were no comments.

C-1-B. There were no comments.

D. Subject to Depoe Bay re-establishing policing functions within the City, Wamacks said we will be counting entirely upon what the county could provide, which will probably be minimal. It might be possible to coordinate with the Sheriff's Office and set an "emergency posse" approach with trained deputized volunteers. Discussion followed regarding a county reserve program, a posse program, and the National Guard. Wamacks said there are some citizens of Depoe Bay retired from law enforcement agencies.

Page C-1. There were no suggested changes on I, II, or III A -1 - 2. Following discussion regarding 2, Wamacks suggested exploring mutual aid agreements with different agencies. Ropp said they have several of these; he will be working with Marshall, depending on the event. Ropp said he believes his personnel is adequate; there are several ex-firefighters available also if the need arises; Wamacks suggested formalizing a list of the available personnel. III A -3. Wamacks asked if 3 should be flushed out in this plan or is already done in the fire department protocol. Ropp said it is handled in the department's protocols. III A -4. There were no comments. III B -1. Marshall asked about an extended power outage, such as restaurants dispensing their food because it cannot be kept. Perhaps there should be an agreement that they will automatically make available their inventory. Ropp said he believes there is a plan indicating that once a disaster is declared, certain things take place under certain authority. Discussion followed regarding food and gasoline supplies, the prices that could be charged, and the possibility of looting. Ropp said Sentry has a portable generator and the sewer district has four generators on wheels. Metcalf said some restaurants have gas grills and need take-out supplies because dishes cannot be washed. Discussion ensued regarding sub-stations. Ockfen suggested inviting someone from the Merchants' Association to a meeting. Ropp suggested City Hall should have an emergency generator. Wamacks said that right now we are reviewing the plan for adequacy and content and later will flesh it out. Then the Merchants' Association, Chamber, and other people can be brought in to act with this Committee to determine what they may be able to do to help and where that fits in with the emergency plan overall. Hawley said that could be part of another Section, not part of the plan, which should be kept as general as possible. Discussion followed regarding disaster plans; Marshall has a copy of all the plans in place county-wide. III B -1. Ropp said under certain disasters, the state gets involved and the City is under their jurisdiction, such as the Leavenworth fire. Marshall said the only City plan he can find is for hazardous materials, which should be included in this because there are many hazardous materials stored underground. III B -2. Becker said she doesn't think that one City employee lives on the south end of the bridge. Discussion followed regarding a policy requiring employees to live in the City limits. Marshall asked about talking with ODOT about the various bridges' earthquake stats. Concern was voiced about the possibility of no leaders being present in the City at the time of an event. Discussion followed. Ropp detailed his employees and where they live and work; he said there are at least ten people in Depoe Bay who he has confidence in to take control. Ockfen suggested getting a list of the Coast Guard and Fire Department people who could take command in the event of a disaster, if necessary. Marshall suggested writing a mutual aid agreement with the Coast Guard and the Fire Department. C 1, 2. There were no recommended changes. D. No changes. E. Ropp said the City should consider doing this; the City should take over this role. Marshall asked about a mutual aid agreement between the fire department and the City to commandeer equipment and so on. Ropp said there is none, but there is a state law affecting that. Wamacks said Annex D will be covered in our next meeting.

Summary


Wamacks said he did not note any significant changes to the draft for the Fire Department, Annex C; it will stand as drafted. He then suggested having Terry Owings at the next meeting and request that he review the plan before that time. Hawley said Emergency Services updates their plan every two years and gives the various sections to the appropriate departments and asks them for updates.

Next Meeting Date

Following discussion, the next meeting was set for Thursday, September 29, 1994, at 7:00 p.m.

There being nothing further to come before the meeting, it was adjourned at 8:34 p.m.


Chairman Clifford Wamacks


City Secretary Jean Celia

The attached information, concerning a 53 foot flat-car bridge, was obtained from John Stolsig, Rick-Franklin Corporation, P.O. Box 365, Lebanon, 97355, 451-1275. Cost of 53 foot flat-car is \$5,000.

Decking cost would be app. \$4,800. Materials needed would be:

780 linear feet 4X12

30 14' 6X6

6 20' 6X6

90 bolts

? spikes

2'X2'X11' concrete abutments @ \$500.00 each.

Depoe Bay Future Preparedness Committee
Regular Meeting
September 29, 1994 - 7:00 p.m.
Depoe Bay City Hall

PRESENT: Chairman C. Wamacks; Rich Allyn; Kate Becker; Jim Hawley (arrived at 7:10 p.m.); Maryella Ockfen; Merv Ropp; Officer Scorby; Lt. Ed Stallard.
ABSENT: Donna Greenlaw; Jack Kinnaman; Wayne Marshall; Mary Metcalf; Jeurgen Turner.
STAFF: City Field Supervisor Terry Owings; City Secretary Jean Celia.

Chairman Cliff Wamacks called the meeting to order at 7:05 p.m.

Approval of Minutes of August 25, 1994, Meeting

Wamacks asked if anyone had any additions, corrections, or suggestions. Hearing none, Wamacks designated them approved as distributed.

Committee Reports

Wamacks specified that these committees were the emergency warning system, emergency alternate route, bridges and storage containers.

Warning System

Wamacks said Hawley was working on information for the siren. Ropp said he was in Waldport recently; the siren is on the building and the information was given to Hawley, who is also looking into any monies available.

Emergency Alternate Route

Wamacks reported that at the last meeting Marshall and Ropp indicated they looked at the powerline road and that would not work. Wamacks asked if there was any possibility of using the forest or logging roads. Stallard said that is possible but in an earthquake the potential for landslides to block them is great and in windstorms trees could be down to block them because they are not very durable. Behind the City there are quite a few different routes, such as in Fogarty Creek and Siletz. Some are Boise Cascade (BC) and Georgia Pacific (GP) roads. Probably in case of disaster the City could have an agreement for use of those roads. Wamacks suggested getting a detailed map, outlining the best possible routes, and contacting GP and BC. Stallard said representatives could be here if requested. They have maps and State Forestry has good maps also. The possibility of helicopter use was discussed. The Coast Guard will be the closest helicopter. It was agreed that it is best to have pre-designated landing sites at both ends of the bridge; the State Parks were mentioned as possibilities.

Warning System

Hawley said if the siren does not go as far as they want it to in Waldport, they will add another layer. Each layer increases the volume. He has not found any funding but the cost is about \$6500 for 2 layers, and he suggested the local organizations, such as Rotary and Lions, might be willing to contribute to the cost.

Temporary Bridges

Hawley reported that he checked with the National Guard, who mentioned the Bailey Bridge (discussed at a previous meeting) does not hold up under salt. They suggested a 45-footer tank bridge; there is also a battalion that builds things in their 2 week "summer camp" every year, and they could build the bridge. Discussion followed.

Storage Containers

Becker distributed information from Pacific Edge Marine Equipment. Discussion followed about this information, a copy of which is attached. Becker, as Medical Director of the Fire Department, discussed medical supplies that will be available at the Fire Department in case of emergency.

Review of Emergency Operations Plan

Wamacks advised that the group should start with Annex D, page D-1. Becker said every member on the Fire Department who is either a First Responder or EMT will have a medical kit with them and all City vehicles have first aid kits in them. For A-3, it was decided it is best to find a place a bit inland and not so susceptible to a wave. Discussion followed. Regarding 2-C, Ropp asked to what extent the personnel should be trained. Wamacks said his interpretation was trained in those procedures necessary under the Public Works Section which would be opening of roadways, repairs of water lines, and the like, knowledge of where everything is and how people can get to it. Terry Owings said he can provide details but this looks like just a general outline plan. Wamacks said we will adopt a general outline and then those in charge of each section will flesh out their section. Discussion followed regarding coordination of Public Works and Fire Department and the employees of Public Works who live in town and would be readily available in an emergency. Owings said the water plant is the most important so he would have the employees go there and make repairs and get water out. His priorities would be water then sewer and then streets. Discussion followed about the details of the water plant operations, lines, and valves. Ropp suggested cross-training with some firefighters to help out in the Public Works for the Water Plant. It was suggested that there be designated spots for people to go to in an emergency situation, with the fire hall in charge of communications. Discussion followed. For Item C-2 on Page D-2 and C-2-a, "Snow" should read "Snow/Ice". Owings said the City does stock about 24 cubic yards of sand for such a situation. In Annex D, Page E-1, II-B, should read "The Chief's responsibilities are to:". Wamacks called for any questions, comments or anything further with regard to any of this information. Stallard said he reviewed the Police Service Section, Section B, and he then distributed suggested additions. Discussion followed. In III-B and C, because of the limited resources north of Newport, he will call in additional personnel if time permits to cover Depoe Bay, Otis-Rose Lodge, Gleneden Beach, etc. Everyone agreed that these are good additions. Wamacks asked for other questions or comments. There were none. Hawley said there is an area not in this plan but it is in the County Plan, which is the Health Department and includes the medical examiner, sanitation, etc. Wamacks asked if City staff could determine the safety of the water supply or the danger of the sewage spills. Owings said his people are well trained in that area. Hawley suggested that when something occurs, Owings should note the time and keep track of all equipment used because if it is declared an emergency, there is federal funding available but good records must be kept. That funding is also available to fire services, police services, and everything.

Temporary Bridge - Continued

Allyn asked what Owings was talking about for a bridge at South Depoe Bay Creek. Owings said a culvert could be left at the waste water plant with enough rock and the backhoe and boom truck; it would be the cheapest, easiest way to get emergency vehicles across. Ropp suggested a trestle that can be winched. Hawley suggested immediately after an event, having the City Council declare it an emergency so Public Works can do what it has to do with a free hand. On Page A-2, D-1 should be added for the City Council declaring an emergency as soon as possible. Discussion followed regarding bridges and land ownership.

Additional Ideas/Solutions

Wamacks asked for additional ideas, solutions or matters to be discussed at this meeting. He then asked the Committee where it needs to go from here. The plan will be distributed as prepared with the additions and corrections. The warning systems, alternate routes, temporary bridges, etc., need to be further discussed also. Wamacks reminded the group that Stallard is in contact with BC and GP and agreed to talk with them and set up a time to have a representative meet with the group and provide maps. Allyn said the helicopter designated sites and storage containers still need to be looked into. Wamacks suggested looking at what extent the City should stockpile supplies, what supplies, what storage is appropriate, and what location is available and appropriate. Ockfen said there would need to be maintenance, review and substituting of some items. Hawley will follow-up on the warning system and see what the test results are in Waldport. Wamacks said at the next meeting we will continue to follow-up on the committee areas as well as review the materials provided by the Pacific Edge Marine Equipment and discuss storage of food and other equipment and make some preliminary decisions and recommendations. Wamacks asked if there were any suggestions for other ideas for the next meeting's agenda. There were none.

Next Meeting Date

Following discussion, the next meeting was set for Thursday, October 20, 1994, at 7:00 p.m.

There being nothing further to come before the meeting, it was adjourned at 8:10 p.m.



Chairman Clifford Wamacks



City Secretary Jean Celia

Depoe Bay Future Preparedness Committee
Regular Meeting
October 20, 1994 - 7:00 p.m.
Depoe Bay City Hall

PRESENT: Chairman C. Wamacks; Kate Becker; Jim Hawley; Wayne Marshall; Maryella Ockfen; Merv Ropp (left at 8:15 pm); Officer Shawver; Lt. Ed Stallard (arrived at 8:15 pm).

ABSENT: Rich Allyn; Donna Greenlaw; Jack Kinnaman; Mary Metcalf; Officer Scorby; Jeurgen Turner.

STAFF: City Secretary Jean Celia.

Chairman Cliff Wamacks called the meeting to order at 7:07 p.m.

Approval of Minutes of the September 29, 1994, Meeting

Wamacks asked if anyone had any additions, corrections, or suggestions for the minutes of September 29. Hearing none, Wamacks declared them approved as distributed.

Replacement of Committee Members

Wamacks said that we tried to start with 10-11 members; two have dropped out. Becker said Greenlaw moved and Kinnaman will be sending a letter of resignation. Turner spoke with Wamacks and said he is too busy during the summer to join the team but he can join later. Turner will be re-contacted. Wamacks further said there are two vacancies and asked for recommendations of citizens not employed in a related field. Ockfen recommended Dr. Scott [Salmon]; Marshall suggested Gary Thebault. There were no other suggestions.

Status Report - Kate

Becker went to the Red Cross and got several brochures on tsunamis and preparing for an emergency. The Red Cross can also put on a class for the members of the committee and their families. Hawley is an instructor for the course. Becker recommended that this group recommend to the City Council that they put on a class for the City staff and their families at the City's expense. Ropp and Becker discussed including the Fire Department; discussion followed about the class that was presented for the Coast Guard and their families. Marshall highly recommended the class. Becker said the class is free but if the City requires attendance, they need to pay the staff.

Discussion of Response System to October 4 Tsunami Warning

The Coast Guard regarded it as a full tsunami warning, Marshall reported; they have a written plan and have to follow it. His number one priority is to get the boats out to sea. He then discussed the details of evacuation for the October warning. Discussion followed. Ropp reported he contacted officers who put together their crew; he discussed details of the actions taken at each fire station. Becker said the Mayor and City Council President were out of town; Wamacks assumed that leadership position. Becker then detailed what she did personally, with her family, and with City Hall. Her City vehicle does not have any radio communication and she was not aware for 45 minutes of the warning. She suggested that all City vehicles have radio communications, City Hall have a CB installed, and City Hall get a battery-powered radio. She noted that True Value used their reader board and the Post Office message board was active. The information City Hall gave

out to people was that citizens should listen to their radios for more information. Discussion followed. Becker said the City must coordinate with the Coast Guard and Fire Department but not with City Hall because they do not have the capability for that level of communications. Becker said we need to have a central place to collect up-to-date information for the three agencies. Marshall said the Coast Guard can do that because they will be the last people in the City to move out. He said the radio (FM) is the best way to contact them. Discussion followed. Ropp suggested having an information page to be aware of what is going on. He further suggested that City Hall install a radio that has the capabilities of the hand-held firefighter's radios, with a 16-channel scanner. Hawley said Clackamas is selling those for \$525.00. Discussion followed again about details of the October warning procedures. The police offered to assist with any group requesting help and to get people off the beaches and take care of the low-lying areas. Following further discussion regarding the warning it was agreed that everyone and all agencies did a good job. Marshall suggested that all motels have the brochures distributed tonight by Becker available in each room and training should also be given. Ockfen suggested after Depoe Bay gets its siren that the City have an emergency drill. Wamacks agreed. He said we have a skeleton plan here that needs a lot of fleshing out and now we have encountered some of the glitches.

Discussion Regarding Establishment of Committees to Implement Sections of Emergency Response Plan

Wamacks suggested having a committee for each of the 5 areas in the plan with members of this committee work with the committee for each area to flesh out that section of the plan. As each section is developed, it can then come back to the entire committee. Discussion followed. Ropp said Salishan was a good example during the warning. When he contacted them, they asked what they should do. He advised them to contact all personnel, especially maintenance personnel, and have them make notification. Discussion followed about the necessity of making more detailed plans with prioritized tasks and responsibilities. Ropp discussed the chain of command for the City and the difference between running a city and running a disaster response and suggested that the same people might not be best for both. Further discussion ensued about elected officials, volunteers and employees as designated disaster command persons. The Coast Guard and police each have excellent checklists. The committee will look at those lists of procedures. Discussion ensued about the checklists already created for different groups, focussing on hazmat spills.

Consideration of Inventory of Emergency Supplies

Wamacks suggested that this matter be set over to the next meeting.

Committee Reports

Warning Systems and Sirens

For warning systems and sirens, there is new material available. Hawley said Waldport is planning a test of their system. TND has a system possibly on 51st that they will be using. Hawley will follow-up on the tests.

Temporary Bridges

There was no further information available on temporary bridges; Stallard did not have the maps for review at this meeting. Stallard did talk with Tally Patton of Boise Cascade, who advised that Boise Cascade has been discussing putting in a road on their property to get around the 101 bridge because of the weight limit. They are open to allowing the City to use that as an emergency access and providing keys for any locked gates. Patton volunteered to attend a meeting if requested. Stallard will bring the maps to the next meeting.

Emergency Plan

Marshall distributed copies of the Coast Guard Emergency Plan and steps for everyone's review.

Next Meeting Date

Following discussion, the next meeting was set for Thursday, November 10, 1994, at 7:00 p.m.

Summary

Wamacks said we will move forward with getting new committee members by the next meeting and at that meeting talk about the consideration of inventory of emergency supplies. Hawley will get information on the two cities' siren tests. Discussion followed about articles in the Oregonian regarding tsunamis; copies were distributed by Becker.

There being nothing further to come before the meeting, it was adjourned at 8:37 p.m.

Chairman Clifford Wamacks

City Secretary Jean Celia

1 Depoe Bay City Council
2 Workshop Meeting
3 Tuesday, June 21, 2011 - 6:00 PM
4 Depoe Bay City Hall
5

6 PRESENT: Mayor C. Connors, P. Cameron, S. Hoitink, B. Leff, D. Goddard, T. Lewis,
7 D. Zimmerman
8

9 STAFF: City Recorder P. Murray, City Field Superintendent T. Owings
10

11 I. CALL TO ORDER

12 Mayor Connors called the meeting to order and established a quorum at 7:00 PM.
13

14 II. REVIEW EMERGENCY OPERATIONS PLAN

15 Murray referred to the City of Depoe Bay Tsunami Response After Action Report dated 6/21/11
16 (copy attached to original of these minutes), which had been previously distributed. Alexandria
17 Rockwell Depoe Bay resident and Coast Guard wife, addressed the Council regarding the Indian
18 Trail assembly area. She had tried to visit the site, and found a large metal barricade and boulders
19 which prevented access to the area. When she called the contact number listed on a posted sign,
20 she was told to speak with the City or the Fire Department for an alternate route to the assembly
21 area. A Councilor said that Indian Trail was not intended to be an evacuation route to the assembly
22 area; the evacuation route is supposed to go up Winchell or Collins to the top of the hill, but the
23 State made a mistake on the map. Mayor Connors said the City would like Neighbors For Kids to
24 give permission for their facility to be used as an evacuation center, and that people who live south
25 of the bridge need to be informed to go to the NFK building, not up Collins Street. She said that
26 one of the problems seen during the recent tsunami was the need to perhaps find other places to
27 use as assembly areas, and let everyone know where those places are located. Mrs. Rockwell said
28 assembly areas should have easy access. A Councilor asked if the State would be reprinting the
29 maps when the new tsunami zones mapping is finished; no one knew but everyone felt it was
30 important to find out. Mayor Connors noted the standard tsunami evacuation signs are misleading
31 because they show a big wave coming, and tsunamis are a series of surges. Murray suggested
32 follow up actions could include a joint staff meeting with Lincoln County Emergency Services, or
33 reviewing and updating procedures with Fire Department officials. She also suggested the Council
34 review assignments in the City's Emergency Operations Plan. She noted that the NFK building
35 would need to be certified by Red Cross before it could be used as an evacuation center; a
36 Councilor said the Fire Department is in the process of setting up a Red Cross certification class. It
37 was noted that the City is lacking in evacuation centers.
38

39 Murray continued review of the Response After Action Report, noting that City Hall is TV cable
40 ready and adding that the disaster fairs as described by Kay Wyatt in a recent meeting are a fun
41 and interesting opportunity for the public to learn about disaster preparedness; she said Mrs. Wyatt
42 had not asked for money, but had asked for the "City's blessing" to organize a disaster fair and
43 asked the Council if they wanted to follow up on that. She said on May 20, the City received written
44 approval from FEMA for the three projects specific to Dock 1 tsunami damage, and reviewed the
45 estimated costs of the repair projects. Owings has begun working on the permit(s) with the Army
46 Corps of Engineers, a long and difficult process. Murray also touched on the status of a funding
47 assistance request to Oregon Business Development Department, the Call-Em-All notification
48 service, the warning siren system RFP and bidding exemption justification document (in attorney
49 review), and the City's emergency communications trailer. The Council reviewed Emergency
50 Operations Team position assignments; Murray said it was important to add alternate phone
51 numbers and email addresses to the list, which does not have to be a public document if anyone's
52 uncomfortable with having that information available to the public. Mayor Connors said Murray
53 needs to be a part of the Emergency Operations Team; title undesignated. There was discussion
54 regarding the duties of the un-appointed Health & Welfare Representative; Mayor Connors will call

1 Linda Gray and ask her if she is interested in participating. Owings noted that there will be a place
2 where the emergency trailer can cross the creek for access to both the north and south ends of
3 town. A Councilor stressed the importance of coordinating with the County, and suggested
4 creating small working groups to work on details of updating the Emergency Operations Plan.
5 Owings added that once the emergency trailer is complete, a protocol for its use will need to be
6 developed; he will work with Councilor Cameron to develop the protocol. Murray was directed to
7 send a letter to NFK to find out if they have interest in becoming certified as an evacuation center.
8 Owings noted that assembly areas are not intended to be accessed with personal vehicles – people
9 should walk to the assembly areas. Assembly areas are not to be considered as evacuation centers
10 with supplies, etc. The two assembly areas designated on the tsunami evacuation map were
11 selected because they are open, fairly flat areas where a helicopter could land and people can
12 gather temporarily. Councilor Leff volunteered to speak with the Fire Chief and others to come up
13 with possible assembly areas.

14
15 A follow-up workshop meeting was scheduled for 6:00 PM on July 19, 2011.

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17 III. ADJOURN

18 There being no further business, the meeting was adjourned at 7:02 PM.

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24 _____
Carol Connors, Mayor

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28 _____
29 Emma LuMaye, Recording Secretary

1 Depoe Bay City Council
2 Workshop Meeting
3 Tuesday, July 19, 2011 - 6:00 PM
4 Depoe Bay City Hall
5

6 PRESENT: Mayor C. Connors, P. Cameron (arr 6:03 PM), S. Hoitink, B. Leff, T. Lewis,
7 D. Zimmerman
8

9 ABSENT: D. Goddard
10

11 STAFF: City Field Superintendent T. Owings, Recording Secretary E. LuMaye
12

13 I. CALL TO ORDER

14 Mayor Connors called the meeting to order and established a quorum at 6:00 PM.
15

16 II. REVIEW EMERGENCY OPERATIONS PLAN

17 Mayor Connors started the meeting by saying that the responsibilities for each individual on the
18 EOP (Emergency Operations Plan) team need to be clearly identified, rather than having general
19 descriptions. Dave Lamb said he has experience with writing EOPs, and has written two for nuclear
20 plants. He had not reviewed the City's EOP. He said a well-written EOP will give easier access to
21 FEMA money. It was his opinion that no coastal city is ready to respond to a major geological
22 event. He noted the importance of detailing what each emergency team member's duties are. He
23 briefly spoke about sirens, saying they don't work well; and emphasized that NOAA weather alert
24 radios are the best existing technology for timely notification of geological events, and felt certain
25 that FEMA would provide funding to put a NOAA weather alert radio in every household, if the City
26 presents a well-written EOP. Ideally every household should have a NOAA radio, but minimally all
27 lodging facilities should have one. He said tsunamis can rise over 100', which makes City Hall an
28 unadvisable location for the EOC (Emergency Operations Center); the EOC needs to be on high
29 ground and have an uninterruptible power supply. The emergency trailer needs to be on-site or
30 close by. The EOP should include a provision for security, both to protect the EOC and to prevent
31 activities such as looting. Security would consist of a group of people who report directly to the
32 Mayor, to enforce existing laws. He said that the City should work closely with the Coast Guard,
33 local and state law enforcement, and the Federal government. During an emergency, local
34 assistance might not be able to get here, and the City would want a working relationship with the
35 State and FEMA. It was Mr. Lamb's professional opinion that 50% of the people on the EOP list will
36 not be available during an emergency. The EOP needs to provide for immediate activation of the
37 EOC. He said that VHF radios are more useful than ham radios, which are low frequency and low
38 power but make good backups. A satellite radio would be best, but those are very expensive. Mr.
39 Lamb said a good plan can be used in all coastal cities; it could be copyrighted and the City could
40 charge a fee for sharing it. He said a major geological incident happens about every 300 years, and
41 it's been about 300 years since the last incident. He again mentioned NOAA radios as being the
42 only technology available right now that will provide information as quickly as it's known. If bridges
43 go out, he said travel will be restored to the north first, because there are fewer bridges in that
44 direction. He advised holding a monthly drill after the EOP is updated, to include activating the top
45 three positions in the EOP, and contacting FEMA and the Coast Guard. It was pointed out that the
46 Neighbors For Kids building, at the same elevation as City Hall, would not be a good evacuation
47 center for the same reason City Hall isn't a good location for the EOC - it is not on high enough
48 ground. Mr. Lamb said he has a full EOP for a nuclear plant that could be adapted for the City's
49 needs, and he'd be willing to work on that if he could get assistance from people involved with the
50 EOP. Two audience members (Allie Rockwell and John O'Brien) were willing to work on this project
51 with Mr. Lamb, as was Councilor Cameron. This group will meet at their own convenience, and will
52 present their recommendations to the Council in three months. Mayor Connors stated that she'd
53 like to see specific procedural information in the EOP; e.g. a guideline to "communicate with the
54 County" isn't sufficient - the plan should include methods of communication that can be used when

1 phone service is unavailable. She also wants the plan to clearly reflect each participant's role and
2 responsibilities. Mr. Lamb said that Depoe Bay is likely to be on its own for at least a week after a
3 serious incident, and after that supplies may be arriving via helicopter. He also re-stated that any
4 time after the EOP is finished and ready for activation, FEMA can be asked for money to support
5 the plan; he was confident that a small purchase such as NOAA radios for residences would almost
6 certainly be funded. Mayor Connors thanked everyone for their participation.

7
8 **III. ADJOURN**

9 There being no further business, the meeting was adjourned at 6:35 PM.

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Carol Connors, Mayor

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Emma LuMaye, Recording Secretary
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June 21, 2011 Council Workshop mtg



Alexandra Rockwell, right, and her young neighbor, Jacoby Mattoon, 9, hold the Depoe Bay Tsunami Evacuation Map she obtained at city hall. Rockwell told the city council on Tuesday the map is misleading, directing citizens to areas strewn with barriers from locked gates to brush-choked forests. (Photo by Rick Beasley)

Tsunami map a dead end, says Depoe Bay mom

By Rick Beasley
For the News-Times

A young mother of two who tested Depoe Bay's tsunami evacuation plan ran into a locked gate, table-sized boulders and other barriers that would make escape impossible for some, she told the Depoe Bay City Council on Tuesday.

City officials have ramped-up emergency preparations since an offshore earthquake and tsunami in Japan on March 19 caused extensive damage to the Depoe Bay harbor. The city has called for bids to install warning sirens, outfitted a communications trailer, purchased a 9-1-1 reverse-call system and dusted-off disaster plans written by citizen committees. On Tuesday, the city council passed out tasks to its members, making the mayor the supreme commander during emergencies and appointing various council members as heads of law enforcement, fire and public information if the town is ever cut off from the outside world.

According to Alexandra Rockwell, however, those efforts could be a waste of time if

like rats. Rockwell described how she recently used a Depoe Bay evacuation map obtained at city hall to find a safe zone located near her Indian Trail home. She discovered that the rally point is situated on private timberland and is blocked by a locked metal gate with large rocks placed on all sides to prevent people from walking around the entrance. An ominous "No Trespassing" sign warns potential evacuees of prosecution.

Councilman Skip Hoytink explained the barriers were erected to keep people away from a remote power substation. He dismissed Rockwell's complaint, saying the gate or sign should not stop people who are escaping from a tidal wave. Rockwell disagreed, saying she would have to flee with two children, including a four-month-old baby and five-year-old son.

"This assembly area is a horrible one," she claimed. "Not only is it hard to get to, it's close to the inundation and flooding zone. The gate is a hurdle, and the boulders limit access."

The evacuation map was de-

state, according to city officials who have relied on the brochure for several years. The document, which lacks typical map detail, directs evacuees east into areas that are in some cases roadless and choked with chest-high brush. Moreover, the city lacks the uniform signage directing people to safe areas.

"I have a problem with the logo on those signs," explained Mayor Carol Connors as the council debated the young mother's concerns. "It leaves people with the false impression there's going to be a huge wave, when it's actually surges that will come."

Afterwards, Rockwell said she questioned the city council's "efficiency" in setting up evacuation plans, and she said her next step would be to go directly to the Oregon Department of Geology & Mineral Resources, one of the tsunami map's two authors.

"It's not comforting to know the people who set up the emergency access did so blindly," said Rockwell after the meeting. "I think Depoe Bay and all cities that rely on these maps are severely misinformed about

CRIME BRIEFS

Inmate damages cell door at Lincoln County Jail

Just before 10 p.m. on June 4, an inmate at the Lincoln County Jail reportedly used his head and hands to break the window out of his cell door.

That inmate, Martin Alexander Hilgardner, 25, of Rose Lodge, was later transported to Samaritan Pacific Communities Hospital in Newport for treatment of minor injuries.

Hilgardner had been in custody on a pending parole violation charge. He is now also charged with Criminal Mischief III. His bail is set at \$10,000.

Man turns himself in after domestic abuse

On June 7, at 6 p.m., Lincoln County Sheriff's Deputy David Boys responded to a cold domestic assault case at 500 Camp One Road, in Yachats. He made contact with a female, who reported she had been assaulted a week ago by her live-in, ex-boyfriend. She reportedly had physical injuries and pain consistent with an assault.

On June 9, the deputy made contact with the ex-boyfriend of the victim, identified as Mark Steven Shelly, 52, of Yachats. He provided a statement regarding the assault and turned himself in to the Lincoln County Jail on June 9 at 10:10 p.m. He was charged with Assault IV (domestic) and harassment. His bail was set at \$25,000.

Man arrested for drug possession after traffic stop

Just before midnight on June 11, Lincoln County Sheriff's Deputy Cliff Sites stopped a maroon-colored Dodge Caravan on Highway 34 in Waldport for a lighting violation. Upon contact with the driver, Matthew Sherman Hutchison, 27, of Toledo, Deputy Sites noticed signs of impairment. During a search, the deputy located a small bag of methamphetamine. Hutchison was arrested for unlawful possession of methamphetamine. He was lodged at the Lincoln County Jail on \$50,000 bail.