




STATE OF WASHINGTON  
PARKS AND RECREATION COMMISSION

MEMORANDUM  
April 15, 1982

IN REPLY REFER TO:  
50-395-0000

TO: Jan Tveten, Director

FROM: Valerie DeLaune, Student Intern  
Interpretive Services 

SUBJECT: Fort Worden State Park - Marine Interpretive Program

Per your request that we design a marine interpretive program for Fort Worden State Park, we have outlined our proposals and estimated costs for your comments and approval. They are as follows:

1. Orientation Display

- a. Utilizes the existing E-3 board. The 4' X 8' display board will provide information about the marine interpretive program, including a schedule of self-guided and guided activities, evening programs, a map, and a tide table. This will be contracted to a private display firm. Approximate cost -- \$1,000.00.
- b. This E-3 display should be moved north of the boat launch area for these reasons:
  1. Easier access from the parking lot.
  2. Removes user conflict from the boat launch area.
  3. Safety -- it would be dangerous for walkers to cross the boat launch area while boat launching is in progress.

This would require the use of park staff.

2. Guided Activities

Requires Interpretive Assistant. It may be opportune that the Interpretive Assistant could rotate duties between marine interpretation on the beach, the Commanders' Quarters, and Rothschild House. The I.A. should be on the beach during low tides, and available for evening programs on weekend nights. He could then staff the other two locations during peak visitation hours and/or days for those two buildings. Marine interpretation should have the highest priority in regards to scheduling location days and times.

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Ideally, conducted walks would include an orientation in the Interpretive Building, followed by a hike along the beach. The orientation could be accomplished by one or all of the following mediums:

- a. Slide show orientation in Interpretive Building. A slide show would be a useful addition -- visitors could then view those organisms underwater and those too small to be seen. This would also aid the I.A. in explaining complex subjects such as the life cycle of beach inhabitants and the food chain. This would require either the use of existing park A.V. equipment (slide projector, zoom lens, screen), or the purchase of equipment at approximately \$500.00.
- b. Marine Aquarium. To be located in the Interpretive Building as part of the orientation. A 90 gallon tank and pump (water would be pumped from below the dock) would cost approximately \$300.00.
- c. Ropes. These will be hung from the dock, and provide a substrate on which plants and animals may grow. The I.A. will pull the ropes up for viewing by visitors. This is ecologically preferable to prying organisms from the rock, and also more convenient for access to sea life. The maximum cost would be \$20.00.

A campfire slide program would be a useful medium for presenting marine interpretation to those who are not able to hike on the beach, or as an introduction for those who either wish to explore on their own, or cannot attend the conducted walk. This activity would utilize the same A.V. equipment as the slide show orientation.

### 3. Self-guided Walk/Brochure

Routes visitors up the east beach, across the Point, down the west beach, and back to the starting point. The brochure will present a variety of marine-related subjects. Work on the brochure is currently in progress. Please see the attached dummy layout for tentative format. The cost of printing an in-house brochure would be approximately \$30.00

#### a. Resource people:

Marine expertise - Dave Heiser, Rick Vining, (Environmental Coordination)  
 Publication - Bobbi Ennenga (Public Information Office)  
 Art - Pat Deshaye (Public Information Office)  
 Design, layout, text - Valerie DeLaune (Interpretive Services)

#### b. Brochure dispenser

- Dispenser will be constructed by Parks Product Shop for approximately \$20.00.
- Dispenser must be periodically restocked by either I.A. or park staff.

c. Recommendations for trail layout:

1. Paint crosswalks where trail crosses the road (three places) for safety reasons, and to channel visitors in the correct direction. This would require the use of park staff.
2. Two marker posts to aid walkers in locating the trail from the beaches. Vertical logs with a painted stripe would serve adequately to mark the trail. The park shop could produce these from their own paint, and drift logs from the beach.
3. A small portion of the existing trail in front of Battery Kenzie has been partially covered by slumpage, which should be cleared for safety reasons. This spot is quite difficult to walk on, and is a hazard to park visitors. A YDCC crew will be stationed at Fort Worden from May 10 through June 3, and could possibly provide the manpower to dig out the trail.
4. Place wood chips on the trail from the point where the trail enters the dunes, to where it reaches the west beach. This would encourage walkers to remain on the trail rather than wandering through the fragile dunes. There is an existing trail, no doubt worn through by visitors, which we are incorporating as part of the trail. Wood chips would also serve to mark the correct path, as we are not planning to use a numbered post system. Dave Heiser has informed me that this method was used quite successfully at Twin Harbors State Park. Crown Zellerbach has agreed to sell hogfuel (a mixture of wood chips and bark) to state parks for \$5.00 per pickup-truck load. We estimate that the total cost of covering the trail will be under \$50.00. The park staff would be required to pick up the hogfuel. The YDCC crew could possibly provide the manpower.
5. Boardwalk across the dunes as an alternative to hogfuel, or as a future addition. This would further protect the dunes from trampling by minimizing compaction and encouraging walkers to stay on the trail. The boardwalk would be constructed at an approximate cost of \$4,600.00, and constructed by the Parks Product Shop.

4. Signing

A sign to direct visitors to the marine display and/or brochure dispenser. This would be constructed by the Parks Product Shop at a cost of \$19.25.

We recommend that all of the preceding proposals be implemented for the 1982 visitor season with the possible exception of the boardwalk (due to its cost). We feel that an Interpretive Assistant could most effectively

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present a marine interpretive program. However, the trail/brochure would serve as a backup which is "on duty" 24 hours per day, all year long. The orientation display would coordinate the marine interpretive program by: dispensing information relevant to guided and self-guided activities; serving as meeting place for guided activities; and marking the trailhead of the self-guided walk. Of course, implementing all of the proposals would result in the most effective program. However, recognizing the constraints of monetary resources, we have arranged our proposals in the following suggested implementation priorities:

1. Interpretive Assistant (includes all guided activities)
2. Orientation Display (includes signing)
3. Self-guided Walk/Brochure

The following list summarizes the cost of implementing our proposals, both with and without the boardwalk:

Interp. Asst. salary (May 15 - Sept. 15)	\$3,508.00
Orientation Display	1,000.00
Signing	19.25
A.V. Equipment	500.00
Marine Aquarium	300.00
Ropes	20.00
Brochure	30.00
Brochure Dispenser	20.00
Hogfuel	50.00
<b>Total Cost:</b>	<b>\$5,447.25</b>
 Boardwalk	 \$4,600.00
 Total Cost including boardwalk	 \$9,997.25

ph  
Attachment

cc: Lynn Genasci  
Dave Heiser  
Dick Clifton  
Steve Wang



STATE OF WASHINGTON

PARKS AND RECREATION COMMISSION

MEMORANDUM

April 30, 1982

IN REPLY REFER TO:

50-395-0000

TO: Dick Clifton, Chief  
Interpretive Services

FROM:   
Lynn Genasci, Assistant Director  
Operations

SUBJECT: Fort Worden State Park - Marine Interpretive Program

On Tuesday, April 27, the Executive Staff reviewed the proposed Fort Worden State Park marine interpretive program as developed by Valerie DeLaune, student intern for Interpretive Services. The program was approved as follows:

1. You will develop an orientation display utilizing the 4x8 bulletin board. The money for the display will come out of the All Areas account. The display can be moved north of the boat launch as suggested.
2. An interpretive assistant position will be funded starting June 15 and lasting through Labor Day, by the Director from cc 3100. Deputy Director Yvonne Ferrell will make arrangements to locate an interpretive assistant through the intern program.
3. The interpretive assistant will perform varied interpretive duties as outlined and as proposed in the marine interpretive program proposal.
4. The building on the dock is authorized to be used for an orientation slide show, showing it prior to the guided beach walk. In addition, the pieces of rope with marine substrate growing on them will also be utilized in the dock building.

It was agreed that the purchase and use of an aquarium is not appropriate at this time, so we will not use that as part of the program.

5. The self-guided tour and brochure are authorized. You may order the printing of the brochure at your convenience. I would think that a simple dispenser could be constructed by the Fort Worden staff at Fort Worden rather than trying to have it done at the Products Shop.

Mr. Clifton

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6. Utilization of the interpretive trail is an excellent idea. We will not install a board walk. It is suggested that the trail be routed around the dune area, either in front of or through the bunker where there is a fairly well developed trail and ties right back into the tidelands.
7. Purchase of a 35 MM carousel projector and screen will be paid for by the Assistant Director of Operations and charged to Object "J" in cc 3010. Please prepare the requisition for my signature for these two pieces of equipment.
8. Please see me and prepare a memo summarizing these approved changes to Valerie's proposal.

ib

cc: Jan Tveten, Director  
Yvonne Ferrell, Deputy Director  
Daren Johnson, Asst. Dir. - Resources



STATE OF WASHINGTON  
PARKS AND RECREATION COMMISSION

MEMORANDUM

May 5, 1982

IN REPLY REFER TO:

50-395-000

TO: Jan Tveten, Director  
Through: Lynn Genasci, Assistant Director  
Operations

FROM: Dick Clifton *DC*  
Chief, Interpretive Services

SUBJECT: Ft. Worden State Park - Marine Interpretive Program

In response to the Executive Staff meeting of April 27, 1982, we are implementing the Fort Worden Marine Interpretive program with the following changes:

1. Orientation Display
  - Funding will come out of the All-Areas account
2. Guided Activities
  - The Interpretive Assistant will be funded (by the Director) from CC 3100, June 15, and lasting through Labor Day. Deputy Director, Yvonne Ferrell will locate an intern to fill this position.
  - The A.V. equipment will be paid for by the Assistant Director of Operations and charged to Object "J", CC 3010.
  - The marine aquarium is deleted from the program.
3. Self-Guided Walk/Brochure
  - The brochure dispenser may be constructed by the Fort Worden staff, rather than the Products Shop.
  - The boardwalk is deleted from the program.
  - As intended, the trail is routed along the existing trail in front of Battery Kenzie, rather than through the dunes. The section routed through the dunes lies between the east beach and the road (corresponding to Stations six through eight - please see brochure dummy). This also follows an existing trail. There is no other route possible in this area.
  - Interpretive Services will contact Park Manager Glen Bellerud regarding YDCC assistance with trail improvements.

ph

cc: Yvonne Ferrell  
Daren Johnson  
Valerie DeLaune

Fort Worden State Park  
Interpretive Assistant Report  
Summer 1982

Submitted to: Dick Clifton  
Interpretive Services

From: Gail Hunt



## INTRODUCTION

The summer of 1982 offered Fort Worden State Park an experimental Interpretive Assistant position. Not knowing what was expected of me or the program, I attempted to put together a marine session to enhance the visitor's awareness of the ocean. I had no feedback as to the effectiveness except from visitors and myself, to guide me. This report details my summer, with hopes that it gives an impression of where the program stands. The experience was new to me, and I hope my work was adequate. The future can only expand the possibilities for visitor interpretation at Fort Worden.

## DESCRIPTION OF WHAT I DID

The Interpretive Assistant position required that I spend three days a week on marine interpretation and two days at the Commander's house. The most important of my goals were to lead beach walks and give evening programs.

Beach Walks

The walks were on Friday, Saturday, and Sunday, providing low tides were at a reasonable time of day. The walks produced a small number of people, though each was enthusiastic and left with some insight. I gave walks to a single person, up to 30 people at a time. I found it was easiest to relate to a small number, say six people. That way there would be interaction between each visitor as well as with myself. The visitors met at the Interpretive board, and then we went to the dock building to see an introduction to marine life through a few slides. This was to familiarize the visitors with what they may see and recognize on the walk. Then I would pull up the ropes to see some animals which they may not see on the walk, like mussels and sea squirts. The walks would go either toward Admiralty Inlet, or toward the Straights. I found that the Straights offered more diverse life. Usually, because of time, we would walk through the campground instead of going up the beach. Once at the tidal area, it would be a time for exploring. Common creatures found would be: starfish, sea anemone, chiton, limpets, snails, nudibranchs, clams, and crab. Through experience, I found the best way to talk would be to wait until someone found something, and then go on with an explanation as to the animals eating habits, or how he lived. Bull kelp was an interesting,

alga to discuss. People were also interested in hearing what sea food could be eaten by them. Sometimes people would wander back on their own, but usually we would all go back together, I telling them as a group that I would stay out there as long as they wanted. By the time we returned to the Interpretive display, the walk would have taken 1½ - 2 hours.

### Evening Programs

I had three standard programs which I rotated. I found that the visitors were most interested in the history of the fort, the crowds for that were much larger than marine talks. I put together a slide show with pictures that either I had taken, or I'd borrowed from the park. As the summer wore on, the show expanded, and usually ran 20-25 minutes. I discussed a few buildings, what they were, the purpose for the fort, and explained what is at the park now, e.g. YDCC, Conferences, CENTPLUM, etc.

The slide show on marine life was titled "Our Underwater World". I went through the chain of life in the sea, from plankton to killer whales. The pictures were a conglomerate from the Paulsbo Marine Center, Audobon Society, Judy D'More, and myself.

The third show was the most time-consuming on my part, but the visitors usually stayed the longest. I lead a discussion on Tidal Edibles. On the Saturday beach walk, I would collect sea lettuce and snails and cook them up in the afternoon. The talk would include slides of some of what could be eaten, including clams, chitons, alga, sea cucumber, octopus, and limpets. Then I would discuss how some are cooked, and the food would be passed around for sampling. Generally everyone tried the food. Visitors often contributed from their experiences. I did not give this show very often because of the time involved, though it did have the most

interaction among people. Books pertaining to this subject are extremely helpful, though hard to find.

The evening programs began as very small groups at the beginning of the summer, to full capacity of the chairs. I gave shows at 8 p.m. on Friday and Saturday nights, until the middle of August, when I started the show at 7:30, because of earlier dusk.

#### Commander's Quarters

On Wednesday and Thursday, I sat at the Commander's Quarters. For myself, these days were boring. It is difficult to sit at the door of a house for 5½ hours a day and hand out brochures. Because people would stray in continuously, I found it best not to give tours, but rather to let the visitor stray and for me to be available for questions. For a change, and to give me something to do, I took care of the flower beds around the house. Also, I cleaned and kept up the house when it was closed. I couldn't prepare my programs during these days, because it would clutter the table or chair, yet I didn't want to look like I was just sitting around. Visitors are very astute to that. Normally I would walk around with a dust rag, to look like I was busy. I would like to emphasize how much I dreaded the days at the C.O.'s house.

#### Advertising

To advertise the programs, I ran off standard size sheets saving what, where, when, what to wear, etc. I placed them on the restroom doors in the campground and the bathhouse. Also, I put them on all of the bulletin boards and the office window, which was the most obvious. Also, I put a blurb in the local newspaper, in the Community Calendar section, which had to be re-written every week. I painted signs for the C.O.'s

house, and placed them at the porch of the house and on the corner near the tennis courts. These had the hours the house was open.

### Other Projects

After the initial programs were put together, I had a lot of free time, especially on weekends when there weren't any beach walks. I worked on several other projects, then. For a while, while there were materials, I did a lot of engraving. I engraved the name tags for the summer help at other parks, and filled various orders. I also was open to giving special programs (not scheduled on Friday or Saturday eve.) for groups requesting, for example, I gave my chain of life slide show to the Homemakers luncheon on July 30. Also, I gave a history show to the YDCC crew, which I think was important. Not only did this give the crew an opportunity to meet a park person, but it also gave them information about the park, so that they could answer some of the many questions they were confronted with by visitors. This also made them feel more a part of the staff. The crew did enjoy coming to my evening programs, they added humor, and it gave them something to do.

Another project I undertook was to sort out and order the Parks slides. These had hundreds that were piled in a box, and I tried to put them in the slide books, because the park ranger, Connie, has little time for things such as that. I also started organizing all of the maps that the park has accumulated, maps from the Army days to park development maps. Between these various projects, taking care of the C.O.'s house, keeping up with the weekly signs for the shows, and the shows, I kept fairly busy.

## SUGGESTIONS

The Interpretive Assistant position, since it was experimental and no one was quite sure what would happen, was very unstructured. I was given total freedom to do what I thought was best, and the park personnel were very accomodating. The most important suggestion I can make is that the position be continued. The marine center looks as if it will be vital to enhancing the visitors experience of the park. Without someone who will be working directly with Judy D'More and Libby Palmer, the women who run the center, there will be no direct link to the park. The center would simply be a private enterprise on park premisis. It would be a shame to have that beautiful building, and not be able to utilize it. Judy and Libby use the building for their own classes, and do charge a fee. Without an Interpreter available, the park visitor would not be able to see it. The visitors are extremely interested in the dock building, and many comments are made as that it's good the building is being used. Judy and Libby have very little contact with the park except for the Interpreter, and if the position were not continued, the public relations would probably also dwindle.

The position should be filled by someone who is interested in developing programs, not simply in presenting them. It is pretty much like starting from scratch, though I have left materials and slides the interpreter can use next season. It's important that the Interpreter have knowledge in Interpretation, though not as important that he know about marine life. It would be helpful if the person is sent some pamphlets on the park, and possibly a list of possible books on marine life, to get him started before he gets here. The person should be forewarned that he should

have lots of initiative and creativity.

#### Other Projects

The Interpreter definitely should be involved in projects other than his shows. He could have a major project to work on continuously through the summer, or else a few smaller ones, like doing the engraving for Connie. One possibility may be to begin to design and put together a building to open an interpretation center on the history of the park. The park has a building available, so the Interpreter could begin to work with the Ranger on it. He could also design and put together bulletin boards for the parks, perhaps of wildlife, history, or aquatic life.

#### Beach Walks

Though they turn out this summer for the walks was fairly small, I do suggest they continue, possibly the days could be changed for only twice a weekend. The walks give the visitor an opportunity to come in close contact with marine life.

#### Evening Programs

The evening shows were the most attended, and definitely were an added plus to a visitor's stay at Fort Horden. The Interpreter may want to design several different programs, to fit his own expertise and interests. For example, he could put together more diverse marine talks, like how animals eat, or defenses of life in the sea. He could also get into some fun programs such as Aglea pressing or drying.

The Dock building is shaping up well. The auditorium part is currently at the far side of the room, and the visitors must go through

the wet tank area to reach the chairs. However, the light switch is near the big double doors, and when the speaker is ready to begin, he has to run to the other side to catch the lights, and reverse the process when the program is over. It is awkward to spend the extra time running, not to mention the danger of tripping in the process. It would be beneficial to hang a monthly schedule of both the Interpreters' hours and Libby and Judys' use of the building, so they will each know the schedule. This would prevent conflicts of use.



## CLOSING

Fort Worden is an active and busy park. Visitors tend to be extremely interested in learning about the park, its past, present, and what it has to offer. The Interpretive position allows the visitors desires to be met, thus allowing the rangers and park aides to complete their jobs. With increasing budget cuts, each position is vital to completing the parks operations. Public relations plays an important part in how a visitor sees funds utilized.

Having the Commanding Officer's house open, after spending the money for restoration, and the dock building open also, the visitors see their tax dollars at work, and they appreciate that. Someone from Olympia should take the time to come to Fort Worden and see the Marine Interpretation program that is being set up. Only then will an accurate picture be drawn on the positive effects of the program. It would be a shame if next year the program was cut, after spending so much money on the interpretive display and my position this summer. Even if funds were not available, it would be possible to set up a volunteer program. Fort Worden already has the material items necessary for a strong program; pictures, screens, etc. It would take a rangers time in setting up the volunteers, but it would definitely be plausible to allow volunteers to give beach walks and evening programs. Many colleges have programs which the students would like to gain experience, even if it were volunteer.

I feel confident that this past summer has done a lot for me. It was an interesting experience to practically start from scratch and work on developing such a program. The rangers and manager at Fort Worden gave me much support to help me achieve my goals. I hope that my efforts

can be expanded to allow Fort Morden visitors an even greater experience on their trip to Washington State Parks.