

We continue to invite the participation of all interested parties in the scoping process by identifying any additional concerns on issues, studies needed, alternatives, procedures or other related matters.

**FOR FURTHER INFORMATION CONTACT:**

Kenneth Dugger, 904-232-1686, Environmental Branch, Planning Division, P.O. Box 4970, Jacksonville, Florida 32232-0019.

**SUPPLEMENTARY INFORMATION:** None.

**Gregory D. Showalter,**

*Army Federal Register Liaison Officer.*

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**DEPARTMENT OF DEFENSE**

**Department of the Army, Corps of Engineers**

**Intent to Prepare a Draft Environmental Impact Statement (DEIS) for West Hayden Island Development, Multnomah County, Oregon**

**AGENCY:** U.S. Army Corps of Engineers, DoD.

**ACTION:** Notice of Intent.

**SUMMARY:** The Port of Portland is proposing to construct marine cargo facilities on West Hayden Island, including an access bridge across North Portland Harbor. West Hayden Island is an 846-acre site on the Columbia River downstream of Interstate 5 in Multnomah County, Oregon. Filling of 12.7 acres of wetlands on the site will require a Department of the Army (DA) permit under Section 404 of the Clean Water Act. Construction of the ship and barge berth and any associated dredging will require a DA permit under Section 10 of the River and Harbor Act of 1899. The proposed project will also require a bridge permit from the U.S. Coast Guard under Section 9 of the River and Harbor Act of 1899. Construction of the bridge may involve Federal funds through the Federal Highway Administration (FHWA). The Coast Guard and FHWA will serve as cooperating agencies in preparing the Draft EIS. The U.S. Army Corps of Engineers, Portland District, will be the lead agency.

**FOR FURTHER INFORMATION CONTACT:**

Questions about the proposed action and the Draft EIS can be answered by: David Kurkoski, Regulatory Branch, Portland District, U.S. Army Corps of Engineers, Portland, Oregon 97208-2946, telephone (503) 808-4377.

**SUPPLEMENTARY INFORMATION:**

**1. Proposed Action**

The Port of Portland is proposing to construct marine cargo facilities on West Hayden Island, located on the Columbia River between river mile 102.7 and 105.6 in Multnomah County, Oregon. The site is bounded on the east by the Burlington Northern Santa Fe Railroad (BNSF) tracks, on the north and west by the Columbia River, and on the south by North Portland Harbor. The purpose of this project is to provide suitable waterfront marine cargo facilities within the service area of the Port of Portland to meet future market demands for international export and import. The Port proposes to develop this project in three phases over a 30-year period.

The first phase of development, which would occur within three to five years of permit approvals, would include: a grain or bulk mineral terminal, including a quadruple rail loop; a 17-acre storage and handling area inside the loop; an offshore berth and access channel for ships and barges; rail access from the BNSF main line consisting of two tracks, providing both access and train storage capacity; an interim highway access road from East Hayden Island, providing vehicle access for employees, grain inspectors, and occasional maintenance and supply vehicles; a dock on each bank of North Portland Harbor to allow transport of construction materials and equipment to the project site; recreation improvements; a new bridge across North Portland Harbor to provide access between North Marine Drive and West Hayden Island; and stockpiling of dredged materials for use in future development phases.

Phase 2 may include development of 220 acres for a container terminal, including necessary berths and intermodal container transfer facilities. Other improvements would include utility systems, navigation channel access and turning basin, domestic intermodal yard and remaining open space improvements not implemented in Phase 1.

Phase 3 would consist of either a second grain or bulk terminal or additional container facility. If warranted a secondary rail bridge may be constructed to connect West Hayden Island with the Rivergate Industrial area to the south.

When all phases are completed, the project would include 474 acres of development, 373 acres of undeveloped land which may contain recreational improvements (such as trails, park, boat dock, viewpoints, observation and

interpretation area, and wildlife preserve), and on-site mitigation for wetland and shallow-water habitats adversely affected by the project.

This phasing sequence would be affected by the dynamics of the marketplace, but it is considered the most likely outcome at this time. Other phasing scenarios are possible. At this time, permits and approvals are being sought only for Phase 1. Phases 2 and 3 are included in the project description to give a full picture of the long-term development program.

**2. Alternatives**

The alternatives to be considered in this EIS are:

a. the proposed action.

b. other sites, including:

(1) development of other Port-owned sites.

(2) re-development of other Port sites.

(3) acquisition of other property.

c. cooperative work with other ports.

d. no action.

**3. Scoping and Public Involvement**

The scoping process will commence in October, 1998 with the issuance of a scoping notice. Federal, state and local agencies, Indian tribes, and interested organizations and individuals will be asked to comment on the significant issues relating to the potential effects of the alternatives. There are no plans to hold a formal scoping meeting.

Potentially significant issues to be addressed in detail include the effects of the project on wetlands and fisheries, including federally listed threatened and endangered salmonid fish species, and shallow water habitat.

The Draft EIS will be prepared concurrently with other environmental compliance requirements, including the Endangered Species Act and the National Historic Preservation Act. The Corps and the cooperating agencies intend to integrate the consultation procedures under these other statutes with the EIS. The Corps and the applicant have already begun consultation with the National Marine Fisheries Service (NMFS) and the U.S. Fish and Wildlife Service (USFWS) under the Endangered Species Act.

This proposed project also requires a Removal-Fill Permit from Oregon Division of State Lands as well as a Section 401 Water Quality Certification from the Oregon Department of Environmental Quality.

**4. Availability of the Draft EIS**

The Draft EIS is scheduled for release in November 1999.

**Gregory D. Showalter,**

*Army Federal Register Liaison Officer.*

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**DEPARTMENT OF DEFENSE****Department of the Navy****Availability of Government-Owned Inventions for Licensing**

**AGENCY:** Department of the Navy, DoD.

**ACTION:** Notice.

**SUMMARY:** The inventions listed below are assigned to the United States Government as represented by the Secretary of the Navy and are made available for licensing by the Department of the Navy.

**ADDRESSES:** Copies of patents cited are available from the Commissioner of Patents and Trademarks, Washington, D.C. 20231, for \$3.00 each. Requests for copies of patents must include the patent number.

Copies of patent applications cited are available from the National Technical Information Service (NTIS), Springfield, Virginia 22161 for \$6.95 each (\$10.95 outside North American Continent). Requests for copies of patent applications must include the patent application serial number. Claims are deleted from the copies of patent applications sold to avoid premature disclosure.

The following patents and patent applications are available for licensing:

Patent 5,684,690: INTEGRATED ELECTRICAL POWER SUPPLY SYSTEM FOR PROPULSION AND SERVICE CONTROL; filed 16 August 1996; patented 4 November 1997.// Patent 5,685,456: REGULATED DISPENSING SYSTEM; filed 24 May 1995; patented 11 November 1997.// Patent 5,689,084: BONDING METHOD AND THE RESULTING ARTICLE; filed 25 October 1974; patented 18 November 1997.// Patent 5,691,258: TWO PHASE HFB2-SIB4 MATERIAL; filed 24 June 1996; patented 25 November 1997.// Patent 5,693,154: TERBIUM-DYSPROSIUM-ZINC AND TERBIUM-GADOLINIUM-ZINC MAGNETOSTRICTIVE MATERIALS AND DEVICES; filed 3 April 1996; patented 2 December 1997.// Patent 5,693,166: METHOD FOR FABRICATING A HIGH-DAMPING RIB-STIFFENED COMPOSITE HOLLOW CYLINDER CORE CONFIGURATION; filed 12 April 1995; patented 2

December 1997.// Patent 5,694,342: METHOD FOR DETECTING SIGNALS IN NON-GAUSSIAN BACKGROUND CLUTTER; filed 24 October 1996; patented 2 December 1997.// Patent 5,695,725: METHOD OF PREPARING MONOCLINIC BAO.A1203.2SIO2; filed 18 July 1989; patented 9 December 1997.// Patent 5,696,691: SELF-ADJUSTING STATISTICAL NOISE ANALYZER WITH INTERFERENCE SUPPRESSION; filed 29 June 1995; patented 9 December 1997.// Patent 5,696,736: HYDROPHONE FOR DETERMINING DIRECTION OF UNDERWATER SOUND; filed 27 November 1996; patented 9 December 1997.// Patent 5,703,594: METHOD FOR REMOTELY DETECTING TIDES AND THE HEIGHT OF OTHER SURFACES; filed 24 June 1996; patented 30 December 1997.// Patent 5,704,976: HIGH TEMPERATURE, HIGH RATE, EPITAXIAL SYNTHESIS OF DIAMOND IN A LAMINAR PLASMA; filed 8 May 1991; patented 6 January 1998.// Patent 5,705,087: FUEL SYSTEM ICING INHIBITOR AND DEICING COMPOSITION; filed 31 May 1996; patented 6 January 1998.// Patent 5,705,191: SUSTAINED DELIVERY OF ACTIVE COMPOUNDS FROM TUBULES, WITH RATIONAL CONTROL; filed 18 August 1995; patented 6 January 1998.// Patent 5,705,769: VIBRATIONALLY DAMPED STRUCTURE; filed 14 May 1996; patented 6 January 1998.// Patent 5,705,863: HIGH SPEED MAGNETOSTRICTIVE LINEAR MOTOR; filed 2 May 1995; patented 6 January 1998.// Patent 5,705,984: PASSIVE INTRUSION DETECTION SYSTEM; filed 10 May 1996; patented 6 January 1998.// Patent 5,706,079: ULTRA-HIGH SENSITIVITY TRANSDUCER WITH CHIRPED BRAGG GRATING REFLECTOR; filed 29 September 1995; patented 6 January 1998.// Patent 5,706,192: ANTIPHASE SWITCHING IN ARRAYS OF GLOBALLY COUPLED OSCILLATORS; filed 16 November 1995; patented 6 January 1998.// Patent 5,706,253: ACOUSTIC RECEIVER ARRAY ASSEMBLY; filed 28 April 1996; patented 6 January 1998.// Patent 5,707,702: EPOXY PIPELINING COMPOSITION AND METHOD OF MANUFACTURE; filed 26 June 1996; patented 13 January 1998.// Patent 5,708,232: HIGHLY MANEUVERABLE UNDERWATER VEHICLE; filed 10 October 1996; patented 13 January 1998.// Patent 5,708,626: TRAJECTORY MEASUREMENT SYSTEM FOR UNDERWATER VEHICLES; filed 30 December 1996; patented 13 January

1998.// Patent 5,708,738: APPARATUS AND PROCESS FOR MAKING FIBER OPTIC BRAGG GRATINGS; filed 5 March 1996; patented 13 January 1998.// Patent 5,708,739: METHOD AND APPARATUS FOR PHOTOBLEACHING PATTERNS IN IRRADIATED OPTICAL WAVEGUIDES; filed 9 September 1996; patented 13 January 1998.// Patent 5,709,046: SINGLE TRIGGER DUAL FIRING MECHANISM; filed 14 August 1995; patented 20 January 1998.// Patent 5,710,431: OUTDOOR SCENE SIMULATING APPARATUS FOR TESTING AN INFRARED IMAGING DEVICE; filed 5 September 1996; patented 20 January 1998.// Patent 5,712,424: METHOD AND APPARATUS FOR MEASURING DIESEL ENGINE CYLINDER PRESSURE; filed 25 March 1996; patented 27 January 1998.// Patent 5,712,442: METHOD FOR LAUNCHING PROJECTILES WITH HYDROGEN GAS; filed 27 May 1988; patented 27 January 1998.// Patent 5,712,447: VIBRATIONALLY AND ACOUSTICALLY INSULATED STRUCTURE; filed 14 May 1996; patented 27 January 1998.// Patent 5,712,511: PREPARATION OF FINE PARTICULATE CL-20; filed 3 March 1997; patented 27 January 1998.// Patent 5,712,959: NEURAL NETWORK ARCHITECTURE FOR NON-GAUSSIAN COMPONENTS OF A MIXTURE DENSITY FUNCTION; filed 7 July 1995; patented 27 January 1998.// Patent 5,713,239: PROJECTILE TESTING SYSTEM AND METHOD; filed 28 August 1996; patented 3 February 1998.// Patent 5,714,279: NON-AQUEOUS LITHIUM CELLS; filed 24 October 1989; patented 3 February 1998.// Patent 5,714,378: PSEUDOMONAS CHLORORAPHIS MICROORGANISM POLYURETHANE DEGRADING ENZYME OBTAINED THEREFROM AND METHOD OF USING ENZYME; filed 31 March 1995; patented 3 February 1998.// Patent 5,714,713: ACOUSTIC ABSORBING DEVICE; filed 14 May 1996; patented 3 February 1998.// Patent 5,714,714: PROCESS FOR PREPARING AMMONIUM DINITRAMIDE; filed 15 October 1992; patented 3 February 1998.// Patent 5,714,793: COMPLEMENTARY VERTICAL BIPOLAR JUNCTION TRANSISTORS FORMED IN SILICON-ON-SAPPHIRE; filed 21 August 1996; patented 3 February 1998.// Patent 5,714,901: HYSTERETIC COUPLING SYSTEM; filed 19 July 1995; patented 3 February 1998.// Patent 5,717,159: LEAD-FREE PERCUSSION PRIMER MIXES BASED ON METASTABLE INTERSTITIAL COMPOSITE (MIC) TECHNOLOGY;