

APPENDIX F

APPROVED WORK WINDOWS FOR FISH PROTECTION FOR MARINE AND
ESTUARINE AREAS

This page intentionally left blank for duplicating.

**APPROVED WORK WINDOWS FOR FISH PROTECTION FOR
ALL MARINE/ESTUARINE AREAS**

excluding **THE MOUTH OF THE COLUMBIA RIVER (BAKER BAY)**

BY TIDAL REFERENCE AREA

14 August 2012

- (1) The general work window is given by Tidal Reference Area. Figure 2 is a map of the tidal reference areas.
 - (2) For marine/estuarine areas in the mouth of the Columbia River (Baker Bay) refer to Columbia River watercourse approved work windows in Table 2.
 - (3) The work windows are given by tidal reference area and species.
 - a. Bull trout: For Coastal/Puget Sound bull trout, refer to bull trout work window.
 - b. Salmon: For Puget Sound chinook salmon, Hood Canal chum salmon, or Ozette Lake chinook salmon, refer to the “salmon” restriction for the appropriate Tidal Reference Area.
 - c. Forage species: If forage fish are present in the project area, then the work window is for that species applies.
 - (4) It is likely that several work windows may apply for a specific project. The work windows must be combined. The approved work window will be the common days between all approved work windows. For example, if the project is in Hammersley Inlet in Tidal Reference Area 1 and Pacific Sand Lance are present, the work windows would be:

Salmon Work Window	July 2 – March 2
Bull Trout Work Window	July 16 – February 15
Pacific Sand Lance	March 2 – October 14
- Taking the days that the approved work windows have in common, the time the project could be constructed is July 16 – October 14.
- (5) For forage fish work windows that state "closed year round". Work may occur if the restriction is released for a short period of time (typically two weeks) after the Washington State Department of Fish and Wildlife (WDFW) Habitat Biologist has confirmed that not forage fish are spawning on the beach.
 - (6) To determine whether your project lies within areas for work windows for “forage species,” contact the Corps.
 - (7) Work within two hundred feet landward of the State’s ordinary high water line in waters of the U.S. listed as “submit application” or “closed” is not authorized by the Washington State

Department of Fish and Wildlife (WDFW). Site review and a specific written authorization (and State HPA) are required for these waters.

- (8) These “approved work windows” are based on best available information as of the date of the Services’ concurrence with this informal consultation. They may be amended or deleted in the future as new information is obtained. The Corps will use the most current version of these windows when the authorizing projects for which conformance with the ESA is in part based on the windows in this programmatic consultation.

TABLE D-3: APPROVED WORK WINDOWS FOR ALL MARINE/ESTUARINE AREAS
Excluding THE MOUTH OF THE COLUMBIA RIVER (BAKER BAY)

TIDAL REFERENCE AREA	SALMON WORK WINDOW	BULL TROUT WORK WINDOW	FORAGE SPECIES	WORK WINDOWS
Tidal Reference Area 1 (Shelton): All saltwater areas in Oakland Bay and Hammersley inlet westerly of a line projected from Hungerford Point to Arcadia	July 2 – March 2	July 16 – February 15	Surf Smelt Pacific Herring Pacific Sand Lance	----- April 1 – January 14 March 2 – October 14
Tidal Reference Area 2 (Olympia): All saltwater areas between a line projected from Hungerford Point to Arcadia and a line projected from Johnson Point to Devil's Head. This includes Totten, Eld, Budd, Case and Henderson Inlets, and Pickering Passage.	July 2 – March 2	July 16 – February 15	Surf Smelt Pacific Herring Pacific Sand Lance	April 1 – June 30 April 1 – January 14 March 2 – October 14
Tidal Reference Area 3 (South Puget Sound): All saltwater areas easterly and northerly of a line projected from Johnson Point to Devil's Head and southerly of the Tacoma Narrows Bridge.	July 2 – March 2	July 16 – February 15	Surf Smelt Pacific Herring Pacific Sand Lance	May 1 – September 30 April 1 – January 14 March 2 – October 14
Tidal Reference Area 4 (Tacoma): All saltwater areas northerly of the Tacoma Narrows Bridge and southerly of a line projected true west and true east across Puget Sound from the northern tip of Vashon Island.	July 2 – March 2 Commencement Bay only: Aug. 16 – March 15	July 16 – February 15	Surf Smelt Pacific Herring Pacific Sand Lance	April 15 – September 30 April 15 – January 14 March 2 – October 14
Tidal Reference Area 5 (Seattle): All saltwater areas northerly of a line projected true west and true east across Puget Sound from the northern tip of Vashon Island and southerly of a line projected true east from Point Jefferson at 47° 45' N. latitude across Puget Sound. This area includes Port Orchard, Port Madison, and Dyes and Sinclair Inlets.	July 2 – March 2	July 16 – February 15* *Duwamish Waterway - Oct 1- Feb 15	Surf Smelt - Eagle Harbor - Sinclair Inlet Pacific Herring Pacific Sand Lance	April 1 – August 31 Year round Year round May 1 – January 14 March 2 – October 14

TABLE D-3: APPROVED WORK WINDOWS FOR ALL MARINE/ESTUARINE AREAS

Excluding THE MOUTH OF THE COLUMBIA RIVER (BAKER BAY)

TIDAL REFERENCE AREA

SALMON
WORK WINDOW

BULL TROUT
WORK WINDOW

FORAGE SPECIES
WORK WINDOWS

TABLE D-3: APPROVED WORK WINDOWS FOR ALL MARINE/ESTUARINE AREAS
Excluding THE MOUTH OF THE COLUMBIA RIVER (BAKER BAY)

TIDAL REFERENCE AREA	SALMON WORK WINDOW	BULL TROUT WORK WINDOW	FORAGE SPECIES	WORK WINDOWS
Tidal Reference Area 6 (Edmonds): All saltwater areas northerly of a line projected true east from Point Jefferson at 47° 45' N. latitude across Puget Sound and southerly of a line projected true east from Possession Point to Chenault Beach and from Foulweather Bluff to Double Bluff.	July 2 – March 2	July 16 – February 15	Surf Smelt Pacific Herring Pacific Sand Lance	----- ----- March 2 – October 14
Tidal Reference Area 7 (Everett): All saltwater areas northerly of a line projected true east from Possession Point to Chenault Beach, easterly of a line projected 5° true from East Point to Lowell Point, and southerly of the Stanwood to Camano Island Highway. This area includes Port Gardner, Port Susan, and parts of Possession Sound and Saratoga Passage.	July 2 – March 2	July 16 – February 15	Surf Smelt Pacific Herring Pacific Sand Lance	Year Round April 15 – January 31 March 2 – October 14
Tidal Reference Area 8 (Yokeko Point): All saltwater area westerly and northerly of a line projected 5° true from East Point to Lowell Point, north of the Stanwood to Camano Island Highway, and easterly and southerly of Deception Pass Bridge and the Swinomish Channel Bridge on State Highway 536. This area includes Holmes Harbor, Saratoga Passage, Skagit Bay, Similk Bay, and most of the Swinomish Channel.	July 2 – March 2	July 16 – February 15	Surf Smelt Pacific Herring Pacific Sand Lance	Year Round April 15 – January 31 March 2 – October 14
Tidal Reference Area 9 (Blaine): All saltwater area in Skagit County and Whatcom County that lies northerly of the Swinomish Channel Bridge on State Highway 536 and westerly and northerly of Deception Pass Bridge.	July 2 – March 2	July 16 – February 15	Surf Smelt Pacific Herring - South of a line running due west from Governor's point - North of a line running due west from Governor's	Year Round April 15 – January 31 June 15 – January 31

TABLE D-3: APPROVED WORK WINDOWS FOR ALL MARINE/ESTUARINE AREAS
Excluding THE MOUTH OF THE COLUMBIA RIVER (BAKER BAY)

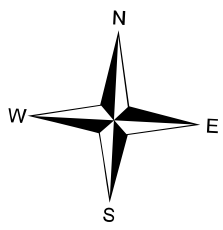
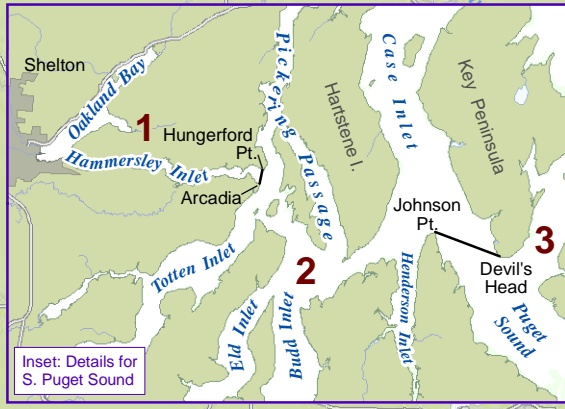
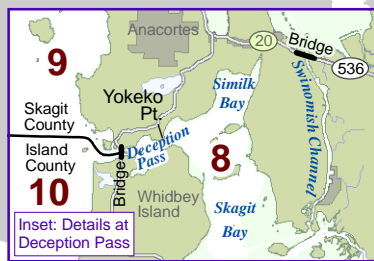
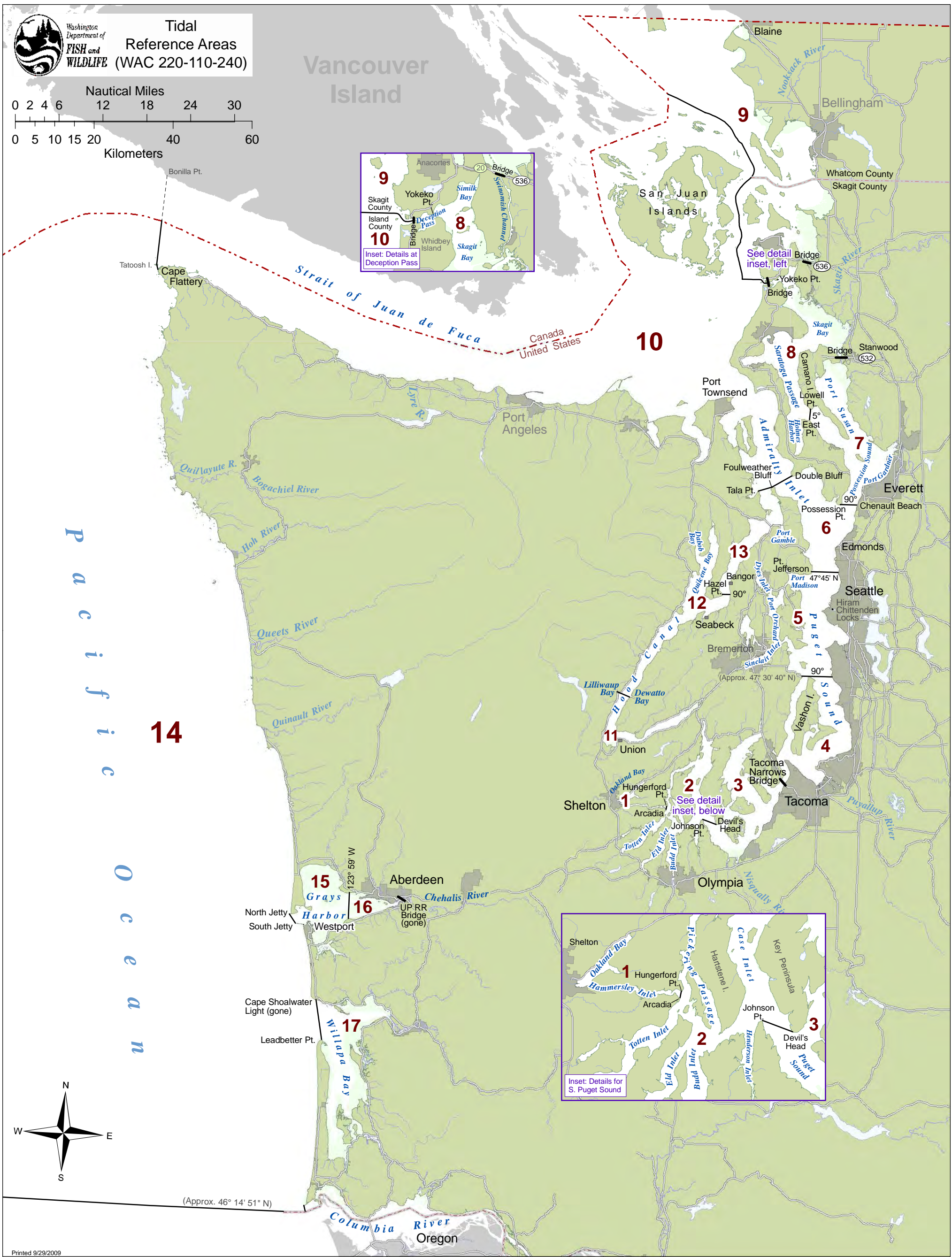
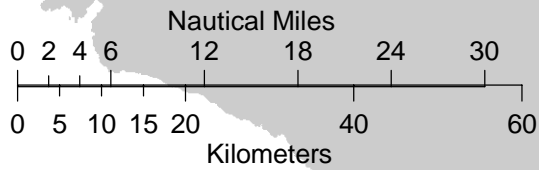
TIDAL REFERENCE AREA	SALMON WORK WINDOW	BULL TROUT WORK WINDOW	point	FORAGE SPECIES WORK WINDOWS
			Pacific Sand Lance	March 2 – October 14
Tidal Reference Area 10 (Port Townsend): All saltwater area of Puget Sound north of a line projected from Tala Point to Foulweather Bluff, and except all waters defined in Tidal Reference Areas 1 through 9. Area 10 includes waters of the San Juan Islands, Admiralty Inlet, the Strait of Juan de Fuca, and associated bays and inlets.	July 16 – March 1	July 16 – February 15	Surf Smelt - Kilisut Harbor - Dungeness Bay - Twin Rivers - Deep Creek - San Juan Islands	November 1 – September 14 January 15 – October 14 September 1 – April 30 September 1 – April 30 Year round
Tidal Reference Area 11 (Union): All saltwater area of Hood Canal southerly and easterly of a line projected from Lilliwaup Bay to Dewatto Bay.	July 16 – March 1	July 16 – February 15	Pacific Herring Pacific Sand Lance Surf Smelt Pacific Herring Pacific Sand Lance	May 1 – January 14 March 2 – October 14 March 2 – September 14 April 1 – January 14 March 2 – October 14
Tidal Reference Area 12 (Seabeck): All saltwater areas of Hood Canal northerly of a line projected from Lilliwaup Bay to Dewatto Bay and southerly of a line projected true east from Hazel Point. This area includes Dabob Bay and Quilcene Bay.	July 16 – March 1	July 16 – February 15	Surf Smelt Pacific Herring Pacific Sand Lance	----- April 15 – February 14 March 2 – October 14
Tidal Reference Area 13 (Bangor): All saltwater area of Hood Canal northerly of a line projected true east from Hazel Point and south of a line projected from Tala Point to Foulweather Bluff. This area includes Port Gamble	July 16 – March 1	July 16 – February 15	Surf Smelt Pacific Herring Pacific Sand Lance	February 1 – October 14 April 15 – January 14 March 2 – October 14

TABLE D-3: APPROVED WORK WINDOWS FOR ALL MARINE/ESTUARINE AREAS
Excluding THE MOUTH OF THE COLUMBIA RIVER (BAKER BAY)

TIDAL REFERENCE AREA	SALMON WORK WINDOW	BULL TROUT WORK WINDOW		FORAGE SPECIES WORK WINDOWS
Tidal Reference Area 14 (Ocean Beaches): All saltwater area between Cape Flattery and the Oregon border at the mouth of the Columbia River, excluding Grays Harbor and Willapa Bay.	June 15 – February 28	July 16 – February 15	Surf Smelt Pacific Herring Pacific Sand Lance	----- ----- March 2 - October 14
Tidal Reference Area 15 (Westport): All saltwater area in Grays Harbor easterly of a line projected from the outermost end of the north jetty to the outermost end of the south jetty, and westerly of 123° 59' W. longitude.	June 15 – February 28	July 16 – February 15	Surf Smelt Pacific Herring Pacific Sand Lance	----- April 1 – January 31 March 2 – October 14
Tidal Reference Area 16 (Aberdeen): All saltwater area in Grays Harbor easterly of 123° 59' W. longitude and westerly of the Union Pacific railroad bridge across the Chehalis River.	June 15 – February 28	July 16 – February 15	Surf Smelt Pacific Herring Pacific Sand Lance	----- ----- March 2 – October 14
Tidal Reference Area 17 (Willapa Bay): All saltwater area in Willapa Bay easterly of a line projected from Leadbetter Point to Cape Shoalwater Light.	June 15 – February 28	July 16 – February 15	Surf Smelt Pacific Herring Pacific Sand Lance	----- March 15 – January 31 March 2 – October 14



Washington Department of **FISH and WILDLIFE** Tidal Reference Areas (WAC 220-110-240)



(Approx. 46° 14' 51" N)

Tidal reference areas are defined as follows:

- (1) Tidal Reference Area 1 (Shelton): All saltwater areas in Oakland Bay and Hammersley Inlet westerly of a line projected from Hungerford Point to Arcadia.
- (2) Tidal Reference Area 2 (Olympia): All saltwater areas between a line projected from Hungerford Point to Arcadia and a line projected from Johnson Point to Devil's Head. This includes Totten, Eld, Budd, Case and Henderson Inlets, and Pickering Passage.
- (3) Tidal Reference Area 3 (South Puget Sound): All saltwater areas easterly and northerly of a line projected from Johnson Point to Devil's Head and southerly of the Tacoma Narrows Bridge.
- (4) Tidal Reference Area 4 (Tacoma): All saltwater areas northerly of the Tacoma Narrows Bridge and southerly of a line projected true west and true east across Puget Sound from the northern tip of Vashon Island.
- (5) Tidal Reference Area 5 (Seattle): All saltwater areas northerly of a line projected true west and true east across Puget Sound from the northern tip of Vashon Island and southerly of a line projected true east from Point Jefferson at 47° 15' N. latitude across Puget Sound. This area includes Port Orchard, Port Madison, and Dyes and Sinclair Inlets.
- (6) Tidal Reference Area 6 (Edmonds): All saltwater areas northerly of a line projected true east from Possession Point to Chenault Beach and from Foulweather Bluff to Double Bluff.

- (7) Tidal Reference Area 7 (Everett): All saltwater areas northerly of a line projected true east from Possession Point to Chenault Beach, easterly of a line projected 5° true from East Point to Lowell Point, and southerly of the Stanwood to Camano Island Highway. This area includes Port Gardner, Port Susan, and parts of Possession Sound and Saratoga Passage.
- (8) Tidal Reference Area 8 (Yokeko Point): All saltwater area westerly and northerly of a line projected 5° true from East Point to Lowell Point, north of the Stanwood to Camano Island Highway, and easterly and southerly of Deception Pass Bridge and the Swinomish Channel Bridge on State Highway 536. This area includes Holmes Harbor, Saratoga Passage, Skagit Bay, Similk Bay, and most of the Swinomish Channel.
- (9) Tidal Reference Area 9 (Blaine): All saltwater area in Skagit County and Whatcom County that lies northerly of the Swinomish Channel Bridge on State Highway 536 and westerly and northerly of Deception Pass Bridge.
- (10) Tidal Reference Area 10 (Port Townsend): All saltwater area of Puget Sound as defined in WAC 220-16-210 except Hood Canal south of a line projected from Tala Point to Foulweather Bluff, and except all waters defined in Tidal Reference Areas 1 through 9. Area 10 includes waters of the San Juan Islands, Admiralty Inlet, the Strait of Juan de Fuca, and associated bays and inlets.
- (11) Tidal Reference Area 11 (Union): All saltwater area of Hood Canal southerly and easterly of a line projected from Lilliwaup Bay to Dewatto Bay.

- (12) Tidal Reference Area 12 (Seabeck): All saltwater areas of Hood Canal northerly of a line projected from Lilliwaup Bay to Dewatto Bay and southerly of a line projected true east from Hazel Point. This area includes Dabob Bay and Quilcene Bay.
- (13) Tidal Reference Area 13 (Bangor): All saltwater area of Hood Canal northerly of a line projected true east from Hazel Point and south of a line projected from Tala Point to Foulweather Bluff. This area includes Port Gamble.
- (14) Tidal Reference Area 14 (Ocean Beaches): All saltwater area between Cape Flattery and the Oregon border at the mouth of the Columbia River, excluding Grays Harbor and Willapa Bay.
- (15) Tidal Reference Area 15 (Westport): All saltwater area in Grays Harbor easterly of a line projected from the outermost end of the north jetty to the outermost end of the south jetty, and westerly of 123° 59' W. longitude.
- (16) Tidal Reference Area 16 (Aberdeen): All saltwater area in Grays Harbor easterly of 123° 59' W. longitude and westerly of the Union Pacific railroad bridge across the Chehalis River.
- (17) Tidal Reference Area 17 (Willapa Bay): All saltwater area in Willapa Bay easterly of a line projected from Leadbetter Point to Cape Shoalwater Light.

[Statutory Authority: RCW 75.08.080, 94-23-058 (Order 94-160), § 220-110-240, filed 11/14/94, effective 12/15/94. Statutory Authority: RCW 75.20.100 and 75.08.080, 83-09-019 (Order 83-25), § 220-110-240, filed 4/13/83.]