TOWLANE CHARTS

CAPE FLATTERY TO SAN FRANCISCO

Sea Grant Edition Year to fish a place to tow a place
CRABBER/TOWBOAT LANE NEGOTIATIONS

A 38-YEAR SUCCESS STORY

Conflicts between ocean-going tugs and commercial crab gear caused severe problems along the Washington, Oregon and California coasts in the early 1970s. Crab pots were fouling tugs and barges as they moved between ports, and the loss of crab gear was a severe economic problem for fishers.

Through efforts by Sea Grant programs on the West Coast, an agreement was reached between fishers and tug operators on areas where crab gear would not be set, providing lanes for tug and barge traffic. During its 30-year existence, the Crabber/Towboat Lane Negotiation Project has saved millions of dollars in gear and vessel repair costs for both user groups.

Washington SeaGrant Program took the lead in this voluntary industry program in 1997, working with West Coast commercial crab fishers and towboat operators to continue this critical effort. The 2002 edition of the Towlane Charts is a result of discussions and final agreements between the two groups over a twelve-month period. Changes in the towlanes have been made only in the Columbia River area of northern Oregon, and southern Washington. All other lane designations have remained unchanged from the 2002 edition.

Steve Harbell
Marine Field Agent
Washington Sea Grant Program
Supplemental Chart 2s: Grays Harbor

Advisory Only: Areas seaward of the outside towlanes may have crab gear. Tugs may choose to follow these suggested towlanes designated by dotted lines when possible during the crab season.

Pt. GPS Positioning
A 471340 1245350
B 471415 1245230
C 471500 1244830
D 471600 1244870
E 463830 1244225
F 463750 1244000

Towboat / Lane Negotiations Annual Meeting 2nd Friday in March
Port of Astoria, Oregon

Local Information
Channels 88, 11, 16
Lewis Hill F/V Holly H (360) 581-3790
Dan Ashby F/V Kaisa (360) 580-1820
Bob Jackson F/V Sabrina (360) 739-6440

Not For Navigation

Additional charts may be obtained from:
Steve Harbell, Washington Sea Grant
324 S. Main St., Montesano, WA 98563
Tel. (360) 616-4492 e-mail: sharbell@washington.edu
Or at: http://wsg.washington.edu/m/eco/co30/d3/lane3.html
Chart 2: Grays Harbor

Local Information

Channels 88, 11, 16

Lewis Hill
F/V Holly H
(360) 381-3799

Dan Ashby
F/V Kaisa
(360) 580-1820

Bob Jackson
F/V Sabrina
(360) 739-6446

Not For Navigation

Advisory: Areas seaward of the outside towlanes may have crab gear. See Supplemental Chart 2s

Additional charts may be obtained from
Steve Harbell, Washington Sea Grant
324 S. Main St., Montesano, WA 98563
Tel. (206) 616-4492, e-mail: harbell@wsu.edu
Or at http://wsg.washington.edu/mass/econocdev/f anxious.html

Revision 2008
NOAA chart #18609

Rev. 2001

 NOAA chart 18609

2nd Friday in March
Port of Astoria, Oregon

Towboat / Lane Negotiations

Connects to #25 Col. Riv.
Connects to #28 Col. Riv.
Connects to #27 Col. Riv.
Connects to #24 Col. Riv.
Connects to #21 Col. Riv.
Connects to #14 Col. Riv.
Connects to #13 Col. Riv.
Connects to #12 Col. Riv.
Connects to #10 Col. Riv.
Connects to #9 Col. Riv.
Connects to #8 Col. Riv.
Connects to #7 Col. Riv.
Connects to #6 Col. Riv.
Connects to #5 Col. Riv.
Connects to #4 Col. Riv.
Connects to #3 Col. Riv.
Connects to #2 Col. Riv.
Connects to #1 Col. Riv.
Connects to #0 Col. Riv.
Connects to #25 Col. Riv.

Towboat / Lane Negotiations

Connects to #25 Col. Riv.
Local Information

-- Columbia River Area

Channels 88, 11, 16

Dale Beasley
F/V Thora S
(360) 642-3842

Dale Adams
F/V Grandis
(503) 791-7104

Important Note:

Columbia River Entrance

Stay on ranges between Buoy # 8 and CR buoy. Tow lane is 1000 ft. south of buoy # 1 and is 500 ft. south of buoy # 3. Center line of north tow lane is 1.1 miles outside of buoy # 1. Heavy crab gear set near pts 5 and 6.

Advisory: Areas seaward of the outside towlanes may have crab gear. See supplemental Chart 3s.

Chart 3: Columbia River

Pt. GPS Positioning

Columbia River lanes north side

- 4 463150, 1241000 north side Col. Riv
- 4 463170, 1243000 inside corner of north summer lane
- 5 463130, 1241340 outside corner of north summer lane
- 6 463175, 1241600 inside corner of year-round lane
- 7 463150, 1241735 inside northerly corner year-round lane
- 9 463150, 1241930 outside corner of north year-round lane
- 9 463170, 1242000 north corner of outside fishing area

Quadrange

- 17 463025, 1241250
- 18 463020, 1241200
- 18 463140, 1242200
- 20 463170, 1243400

Columbia River lanes south side

- 21 463200, 1240900 inside corner of south summer lane
- 3 463130, 1243110 outside corner of south summer lane connects to Garibaldi pt. # 7
- 4 463060, 1240950 southerly inside corner of summer lane connects to Garibaldi pt. # 6
- 6 463015, 1241225 outside southern fishing area connects to Garibaldi pt. # 8

Willapa lanes south side

- 10 463030, 1240700 north outside corner of fishing area
- 11 463325, 1243425 north outside corner of year-round lane
- 12 463825, 1243775 north outside corner of summer lane
- 14 463850, 1241605 north outside corner of summer lane
- 21 464140, 1241035 south inside corner of Willapa Entrance

Willapa lanes north side

- 22 464550, 1241225 north inside corner of Willapa Entrance
- 23 463850, 1241690 south inside corner of summer lane connects to Gray Harbor Pt. # 6
- 24 463760, 1241690 south outside corner of summer lane connects to Gray Harbor Pt. # 7
- 25 463340, 1242310 south inside corner of year-round lane connects to Gray Harbor Pt. # 8
- 26 463330, 1243450 south outside corner of year-round lane connects to Gray Harbor Pt. # 9
- 27 462020, 1242750 south outside corner of fishing area connects to Gray Harbor Pt. # 10

To use this chart:

Advise USC
to refer to Areas seaward of the outside towlanes may have crab gear. See supplemental Chart 3s.

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Rev. 2008 NOAA chart # 18510

Not For Navigation

chart 3 Columbia River

3rd Friday in March
Port of Astoria, Oregon

2005 NOAA chart # 18510
Supplemental Chart 4s: Garibaldi Rev. 2002

Advisory Only: Areas seaward of the outer edge towlines may have crab gear. Tugs may choose to follow these suggested towlines (designated by dashed lines) when possible during the crab season.

Pt. GPS Positioning
A 454290 1243110
B 453925 1244440
C 454125 1244075
D 453910 1243160
E 452550 1243110
F 452550 1244110

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