

a place

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to tow /

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CAPE FLATTERY TO SAN FRANCISCO

Year

2000

Edition

CRABBER/TOWBOAT LANE NEGOTIATIONS

A 28-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.

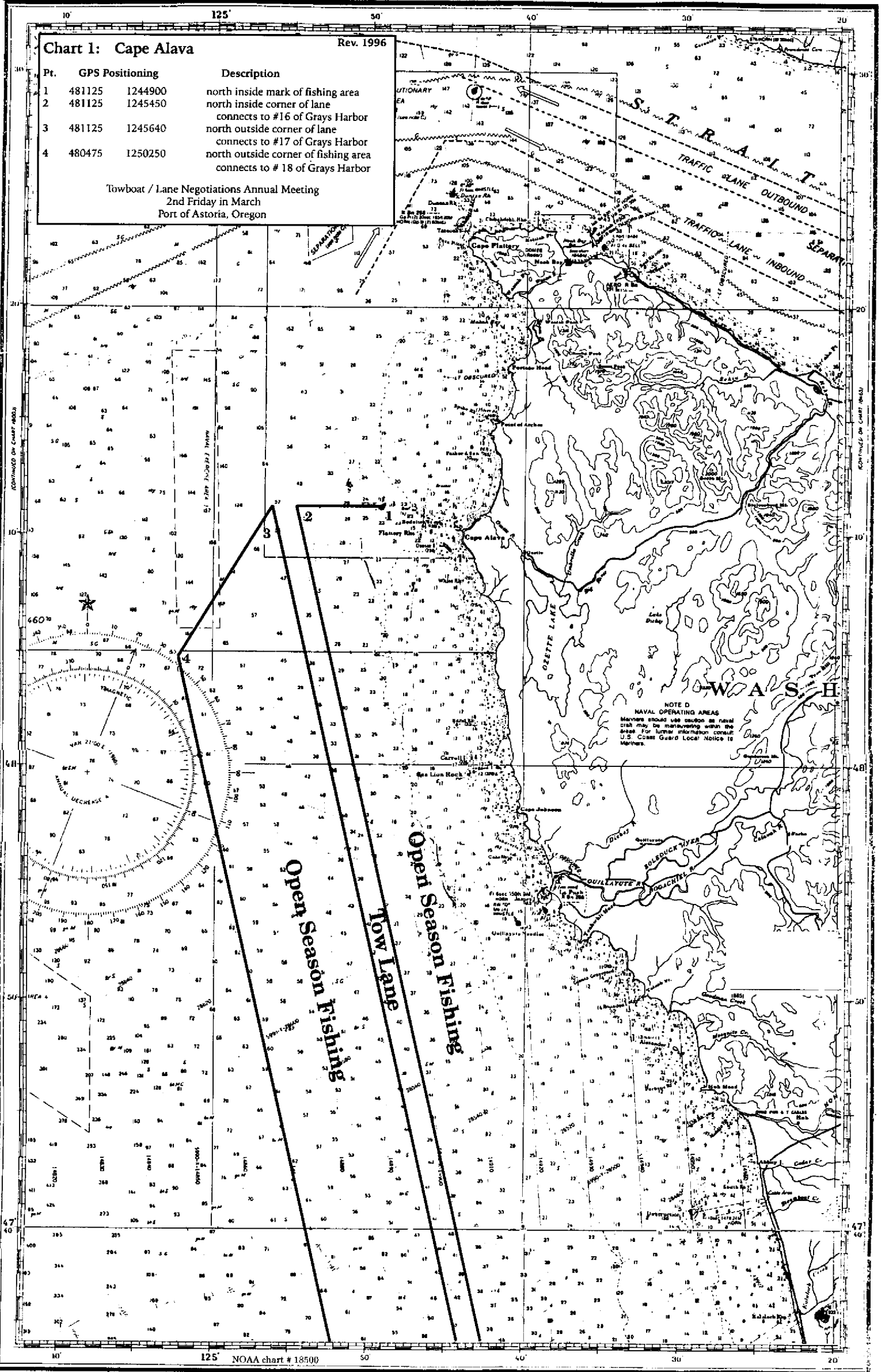
Through efforts by Sea Grant programs on the West Coast, an agreement was reached between fishers and tug operators on areas where crab gear would not be set, providing lanes for tug and barge traffic. During its 28-year existence, the Crabber/Towboat Lane Negotiation Project has saved millions of dollars in gear and vessel repair costs for both user groups.

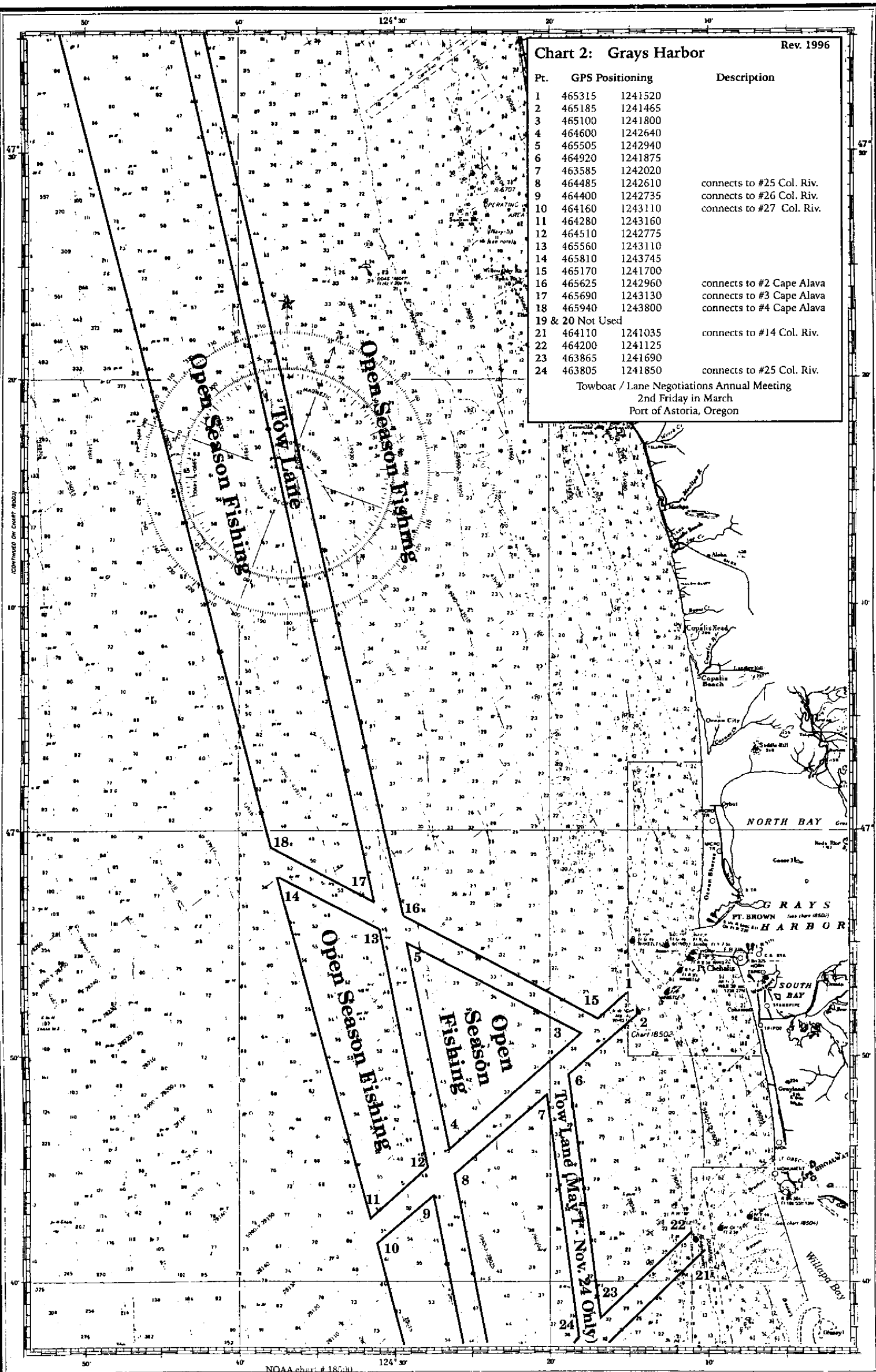
Washington Sea Grant Program took the lead in this voluntary industry program in 1997, working with West Coast commercial crab fishers and towboat operators to continue this critical effort. The 2000 edition of the Towlane Charts is a result of discussions and final agreements between the two groups over a two-year period. Changes in the towlanes have been made only in the Eureka/Crescent City area of northern California, and Brookings/Gold Beach area of southern Oregon. All other lane designations have remained unchanged from the 1996 edition.

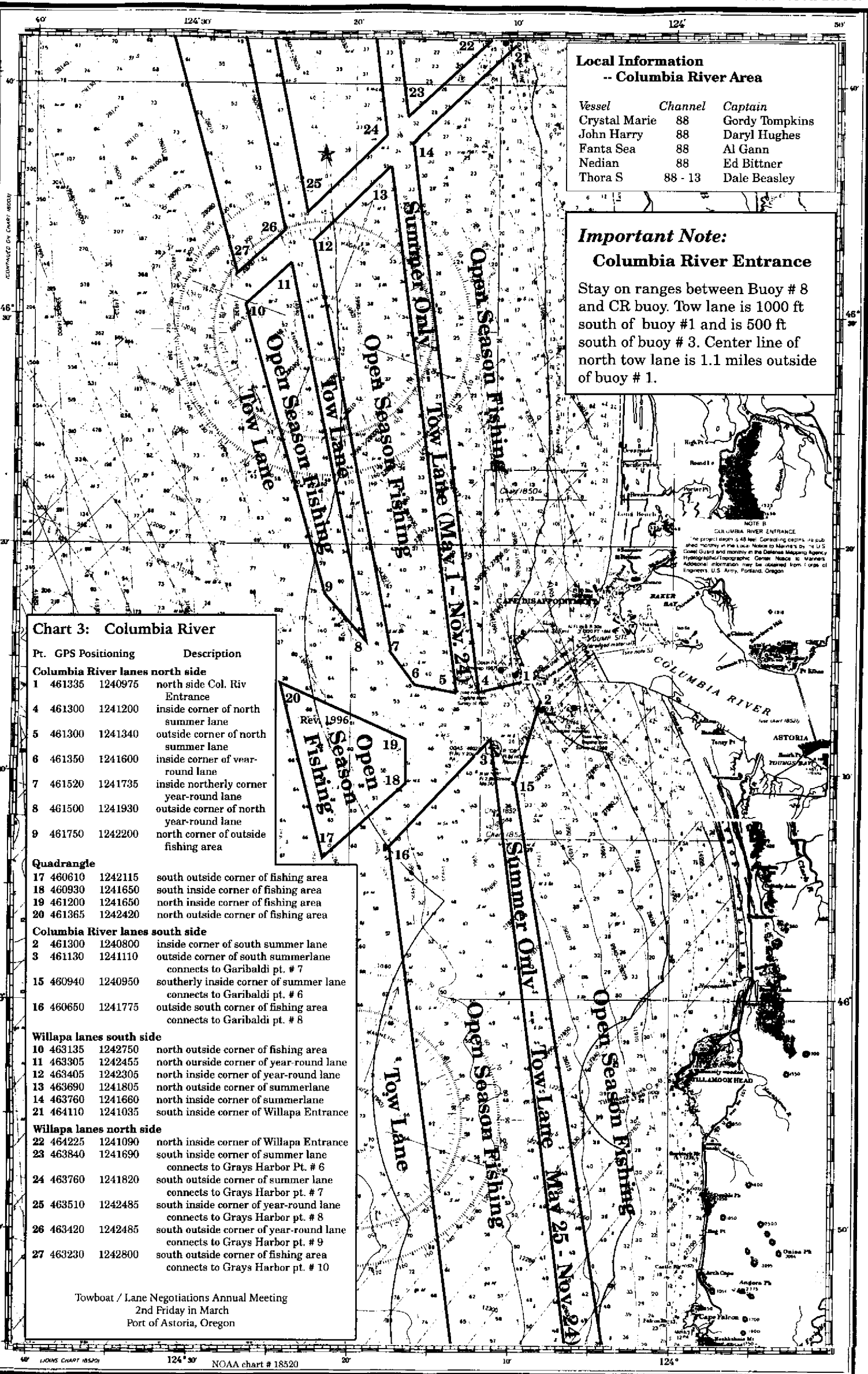
Steve Harbell

Marine Field Agent

Washington Sea Grant Program







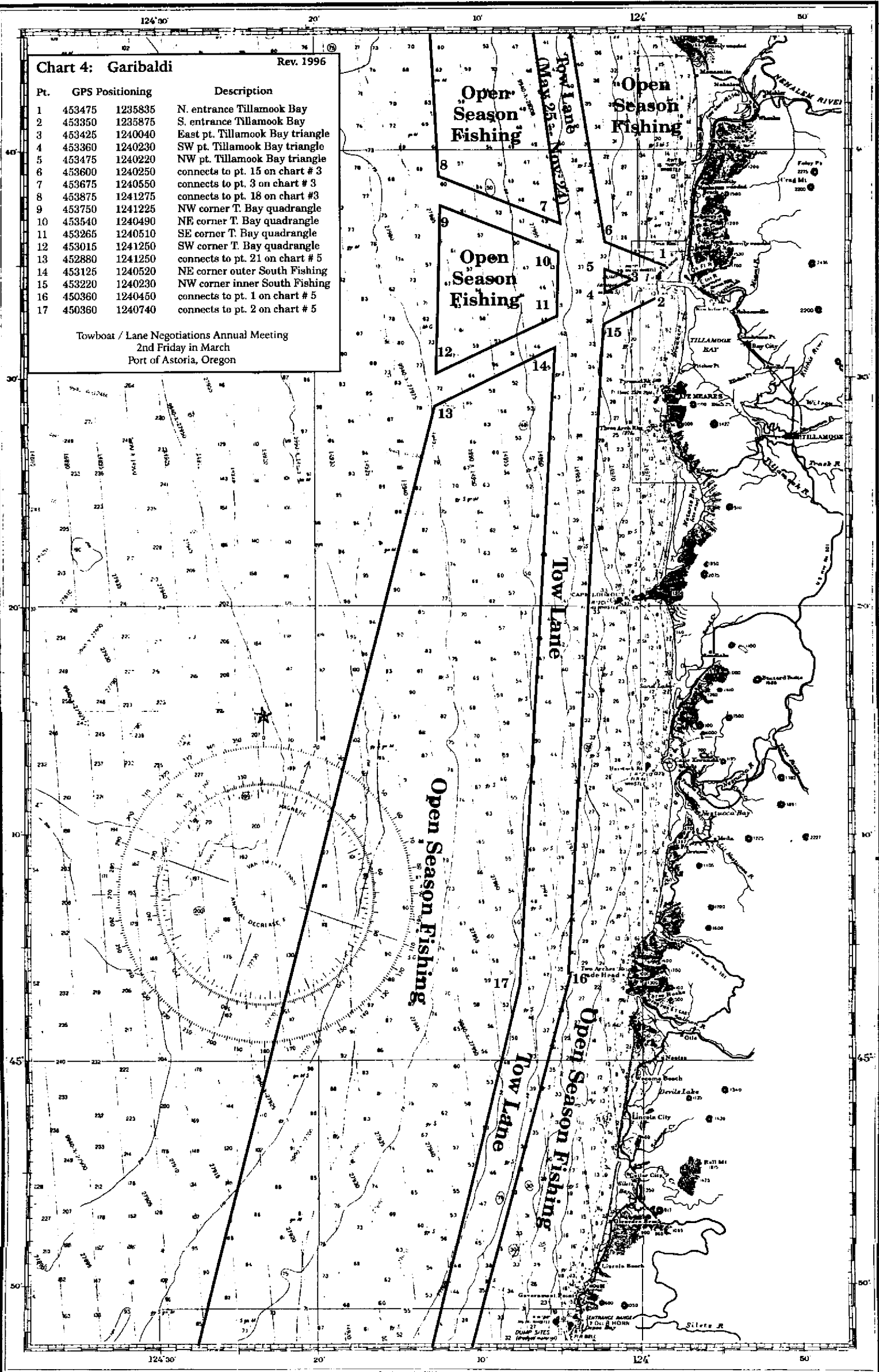
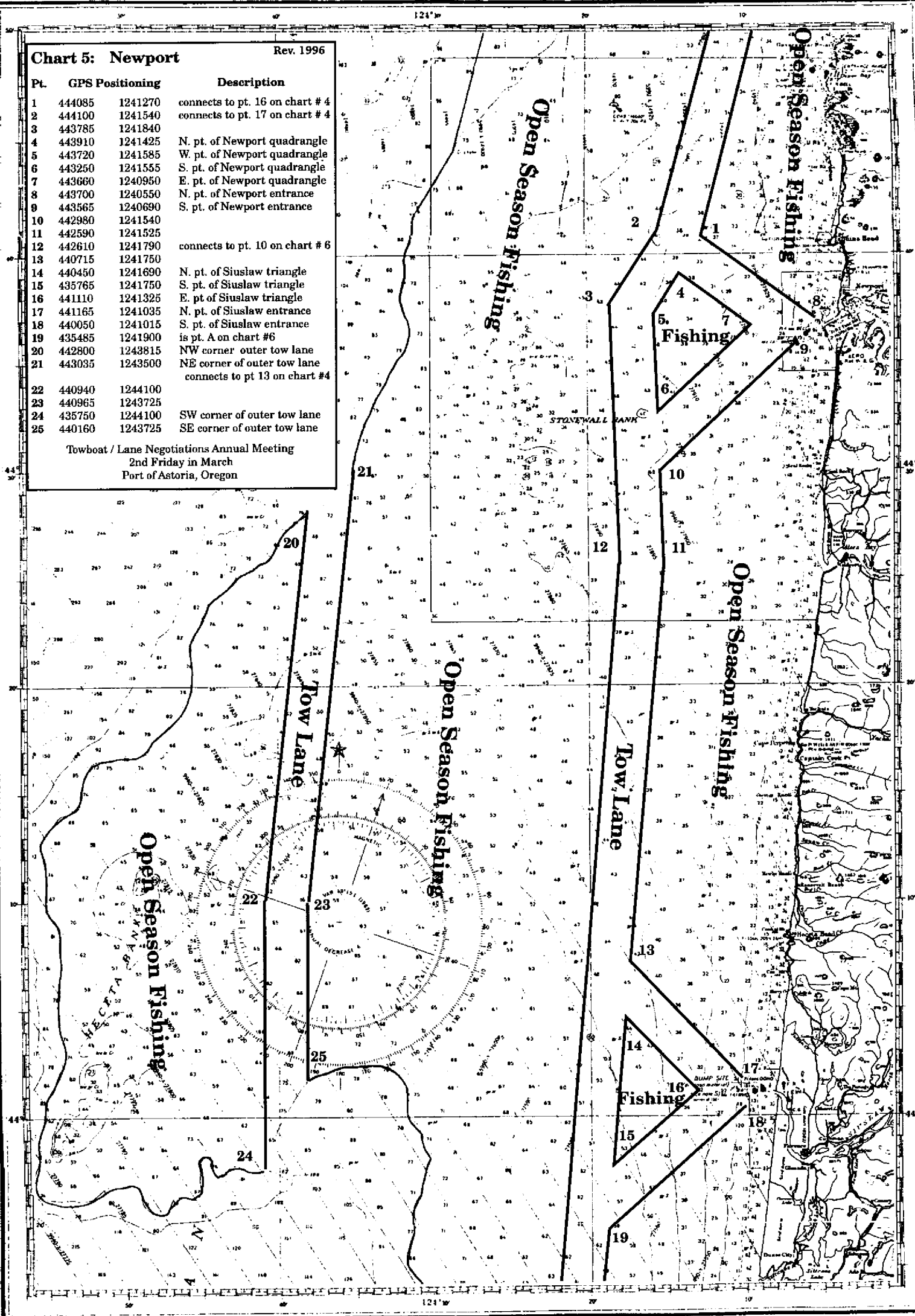
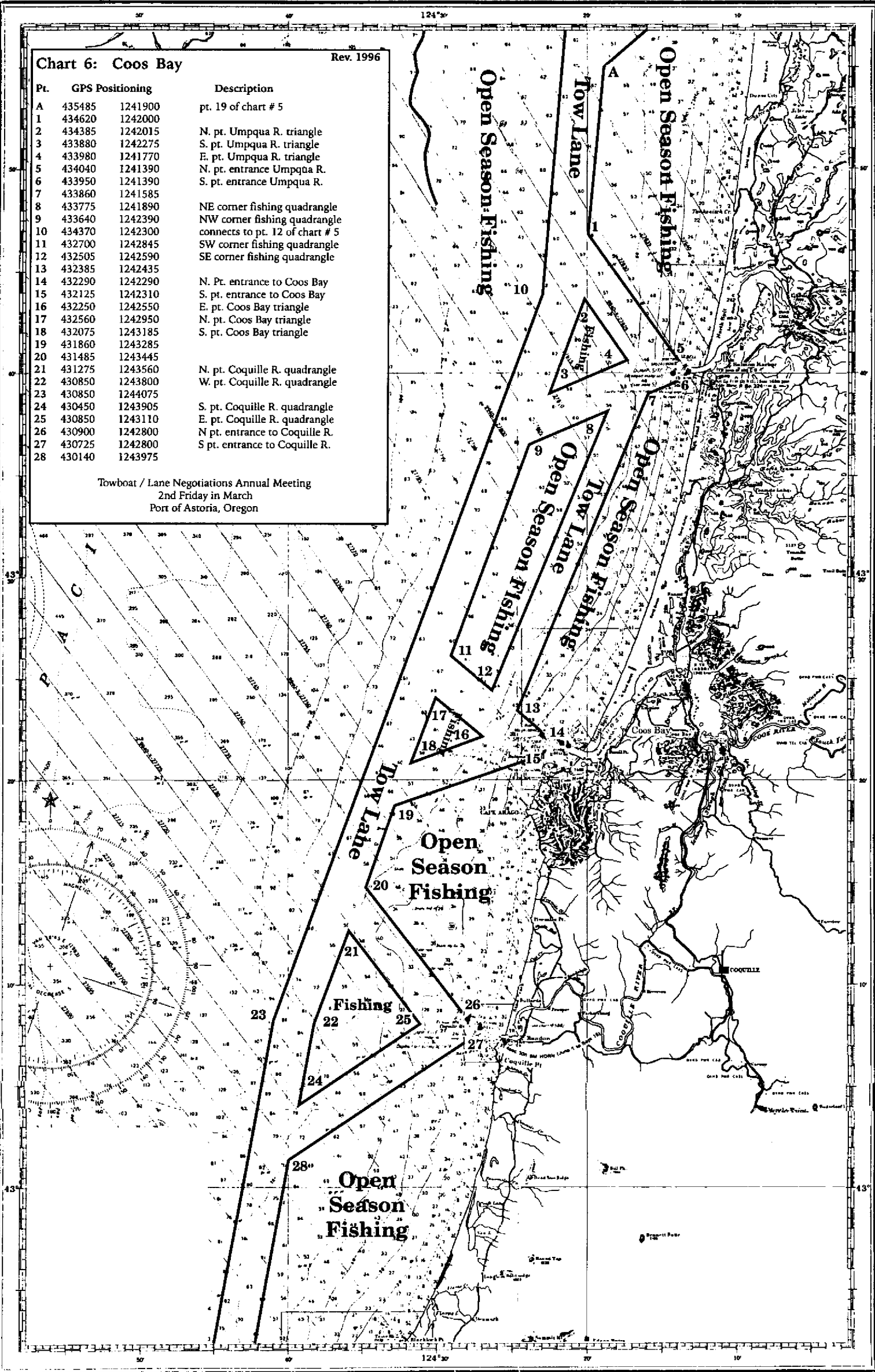
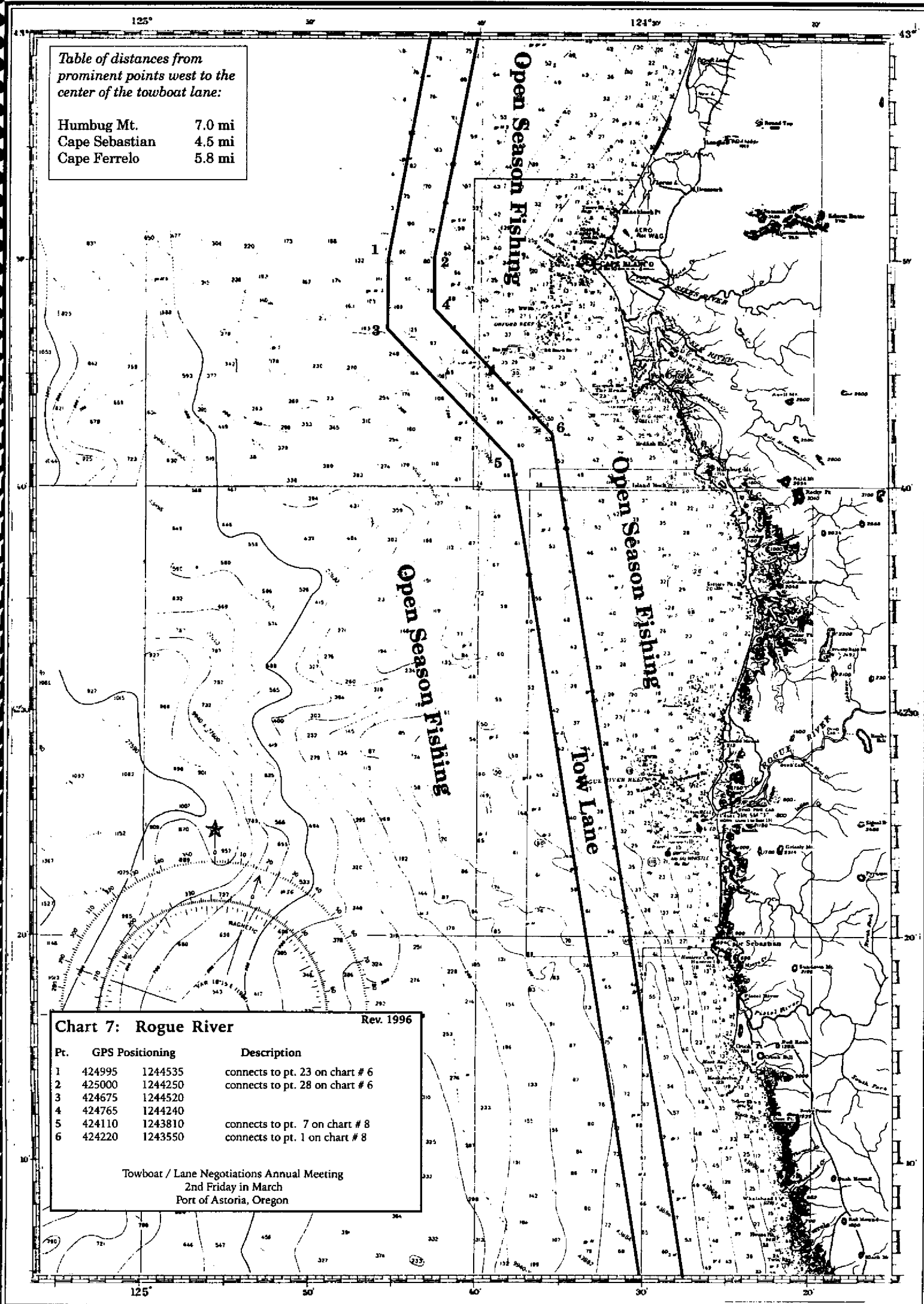


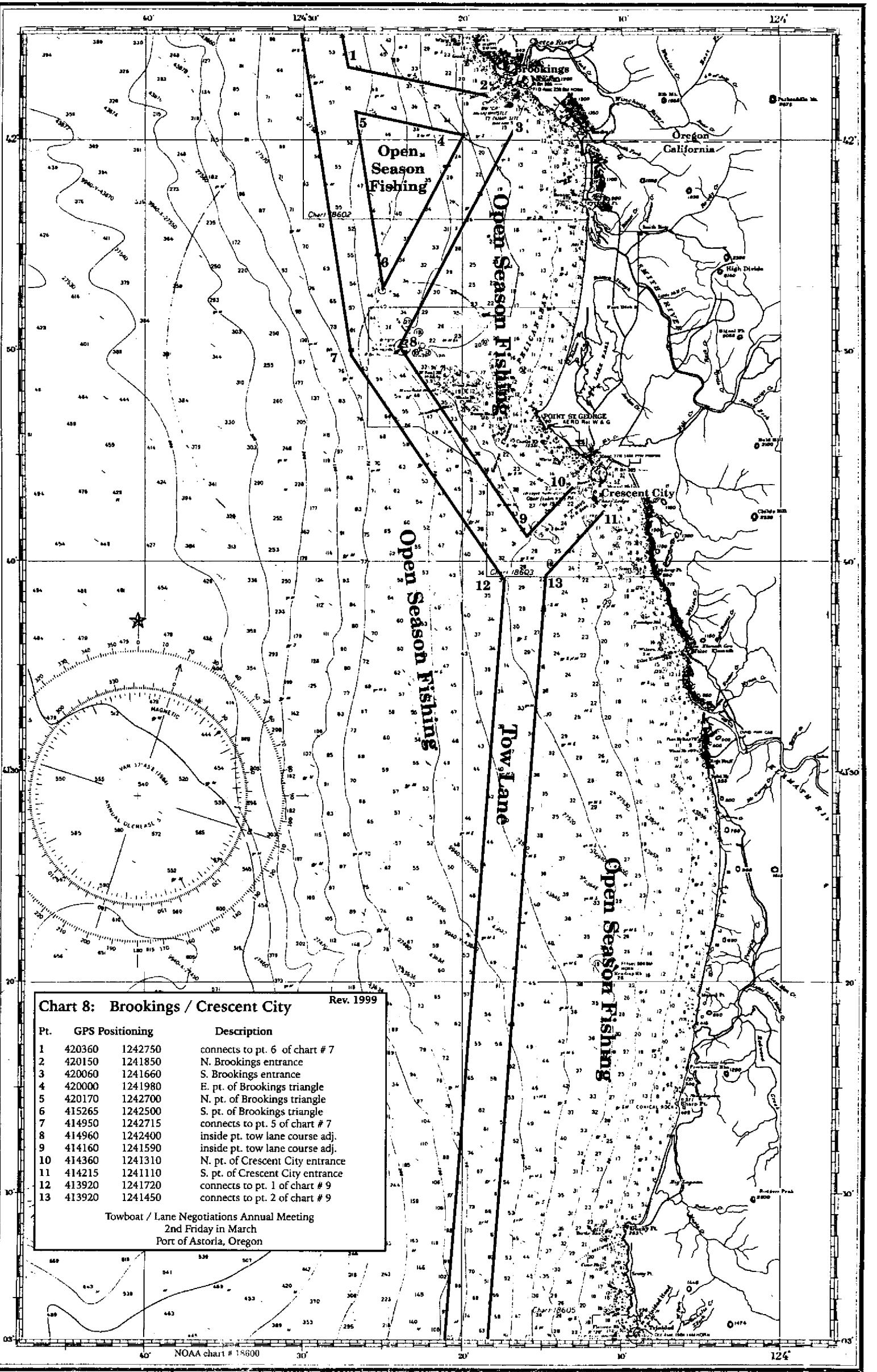
Chart 4: Garibaldi			Rev. 1996
Pt.	GPS Positioning		Description
1	453475	1235835	N. entrance Tillamook Bay
2	453350	1235875	S. entrance Tillamook Bay
3	453425	1240040	East pt. Tillamook Bay triangle
4	453360	1240230	SW pt. Tillamook Bay triangle
5	453475	1240220	NW pt. Tillamook Bay triangle
6	453600	1240250	connects to pt. 15 on chart # 3
7	453675	1240550	connects to pt. 3 on chart # 3
8	453875	1241275	connects to pt. 18 on chart # 3
9	453750	1241225	NW corner T. Bay quadrangle
10	453540	1240490	NE corner T. Bay quadrangle
11	453265	1240510	SE corner T. Bay quadrangle
12	453015	1241250	SW corner T. Bay quadrangle
13	452880	1241250	connects to pt. 21 on chart # 5
14	453125	1240520	NE corner outer South Fishing
15	453220	1240230	NW corner inner South Fishing
16	450360	1240450	connects to pt. 1 on chart # 5
17	450360	1240740	connects to pt. 2 on chart # 5

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









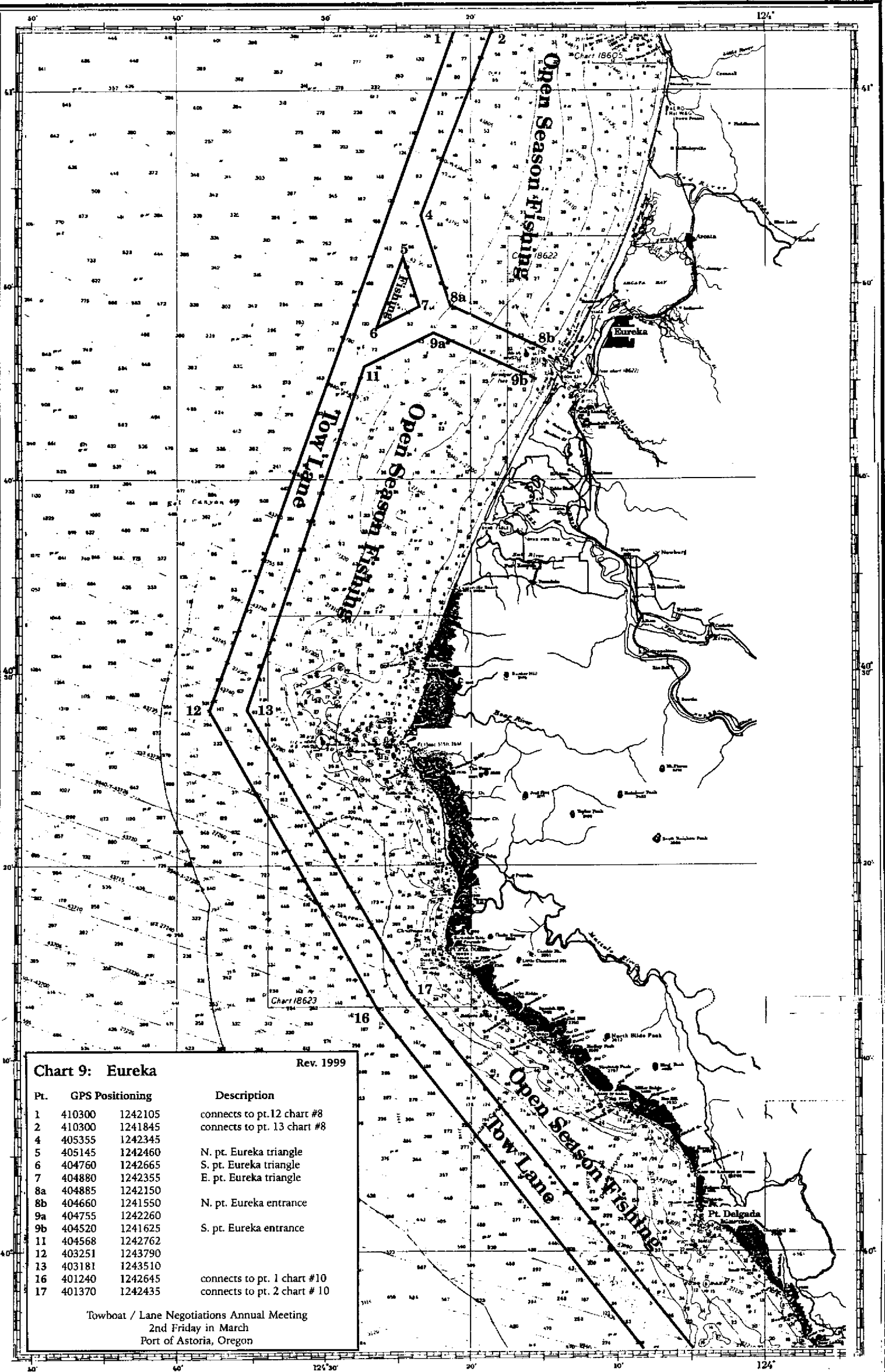


Chart 9: Eureka

Rev. 1999

Pt.	GPS Positioning		Description
1	410300	1242105	connects to pt. 12 chart #8
2	410300	1241845	connects to pt. 13 chart #8
4	405355	1242345	
5	405145	1242460	N. pt. Eureka triangle
6	404760	1242665	S. pt. Eureka triangle
7	404880	1242355	E. pt. Eureka triangle
8a	404885	1242150	
8b	404660	1241550	N. pt. Eureka entrance
9a	404755	1242260	
9b	404520	1241625	S. pt. Eureka entrance
11	404568	1242762	
12	403251	1243790	
13	403181	1243510	
16	401240	1242645	connects to pt. 1 chart #10
17	401370	1242435	connects to pt. 2 chart #10

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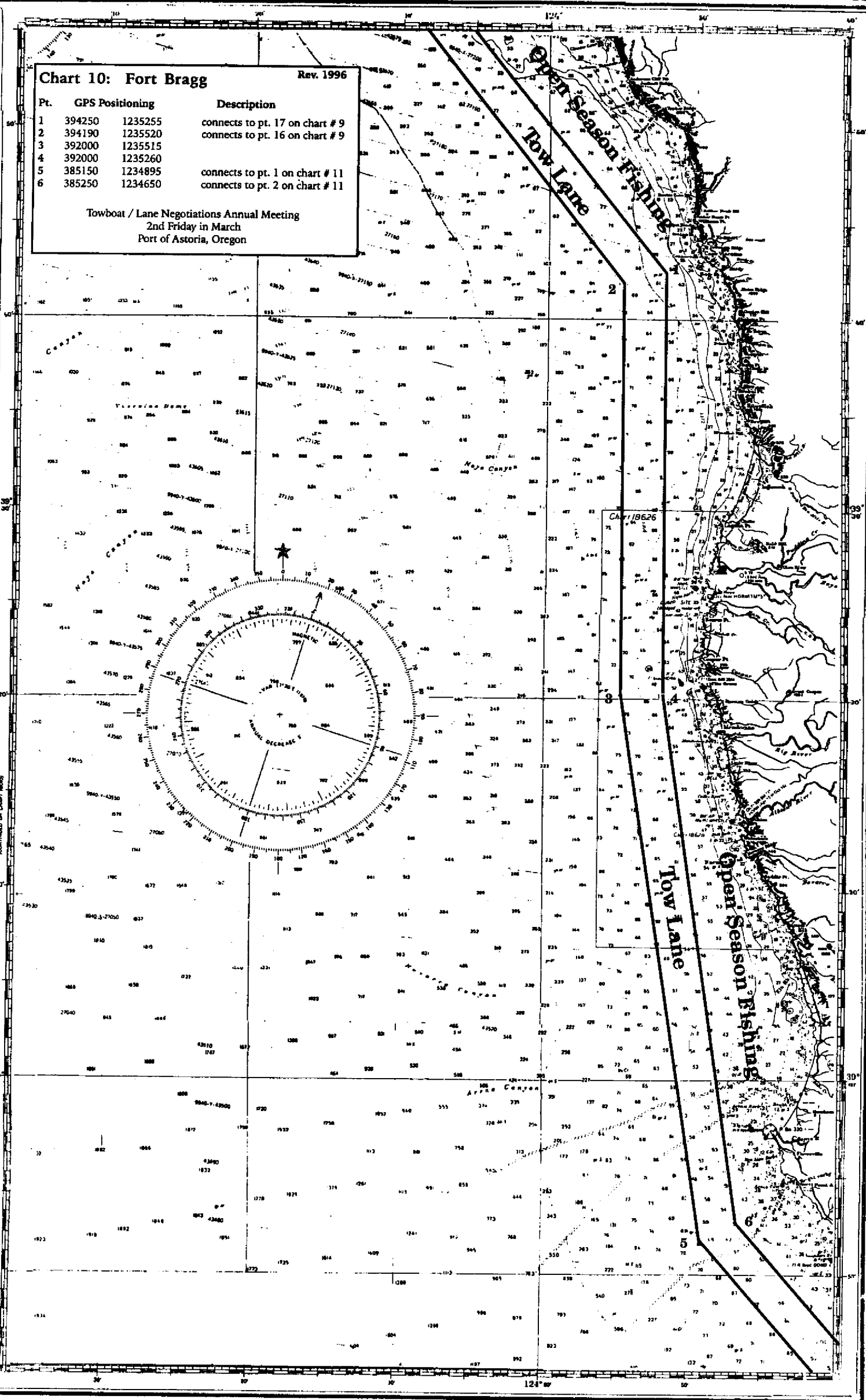
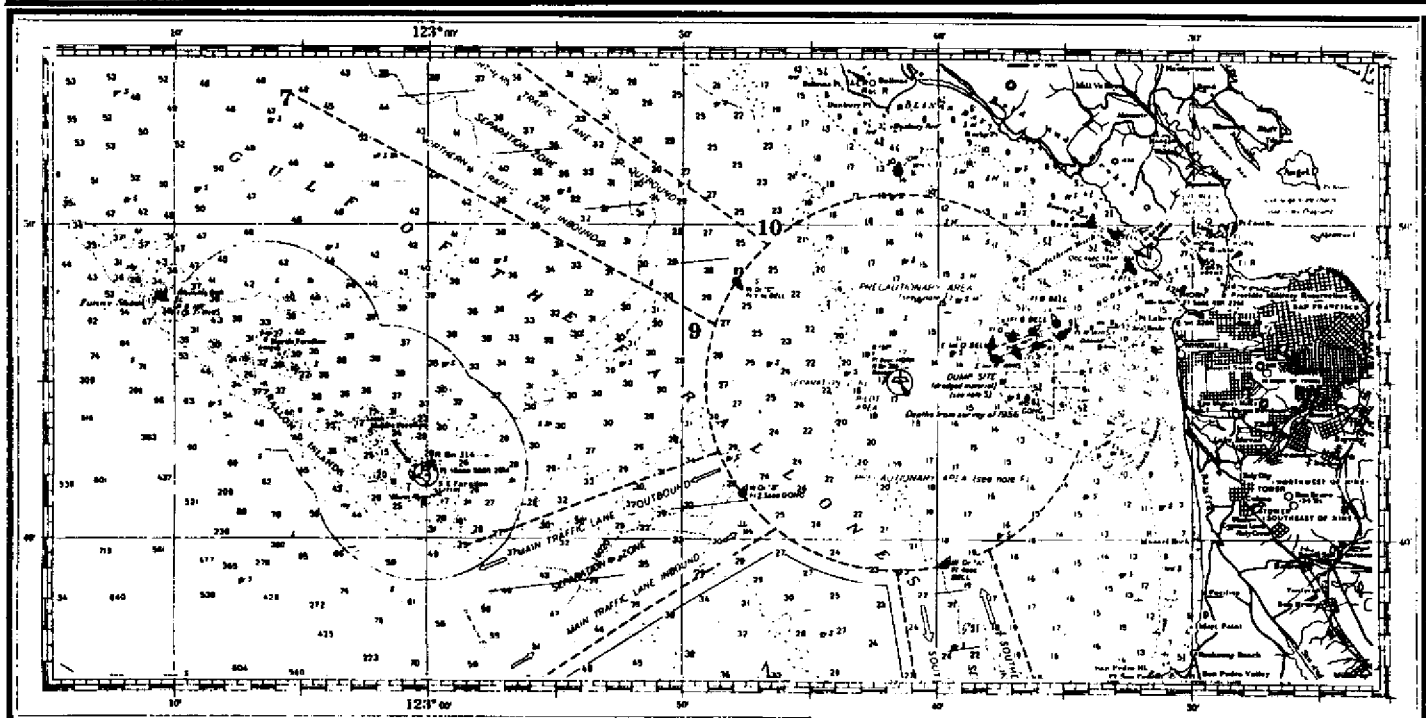
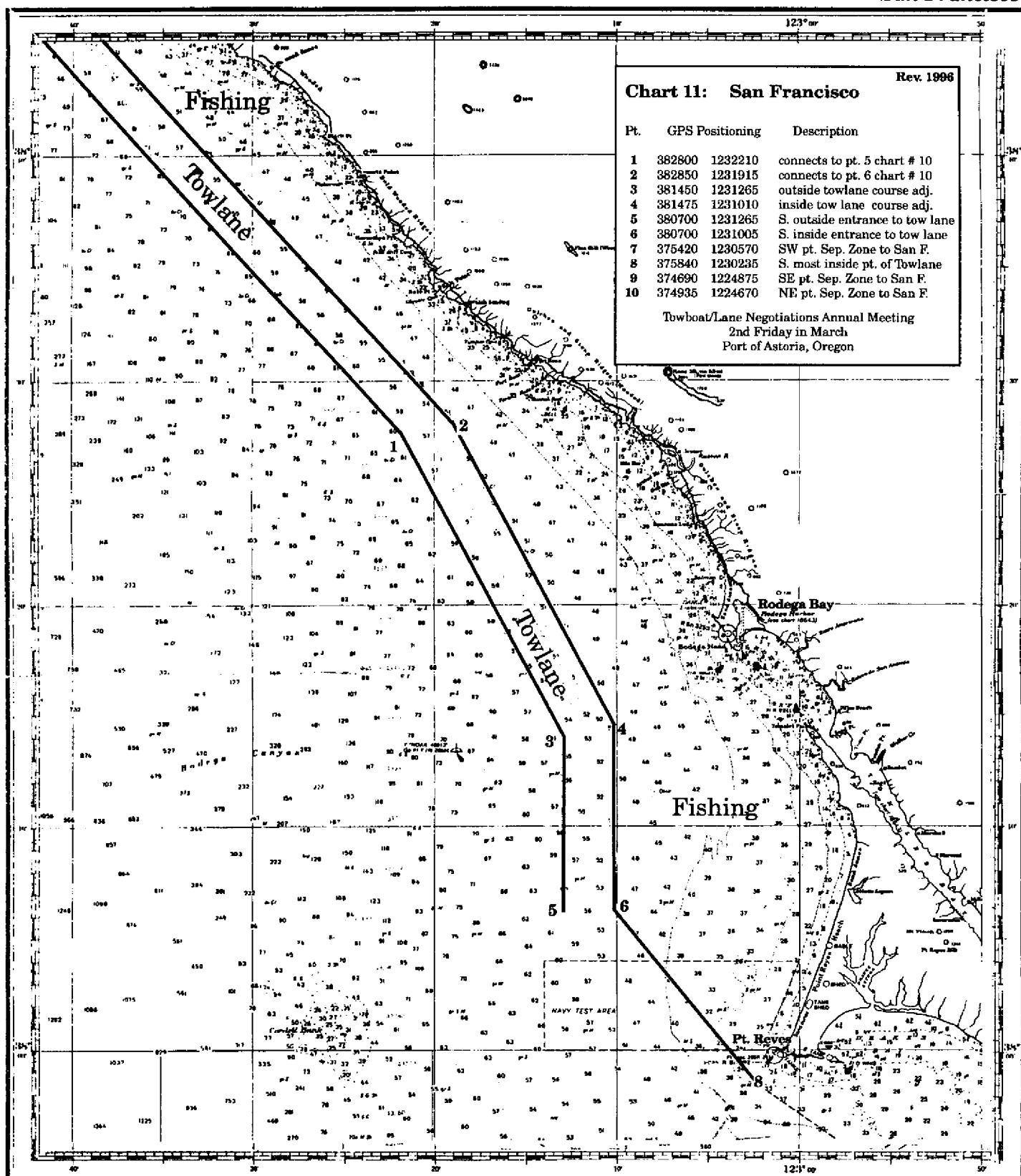


Chart 10: Fort Bragg

Rev. 1996

Pt.	GPS Positioning		Description
1	394250	1235255	connects to pt. 17 on chart # 9
2	394190	1235520	connects to pt. 16 on chart # 9
3	392000	1235515	
4	392000	1235260	
5	385150	1234895	connects to pt. 1 on chart # 11
6	385250	1234650	connects to pt. 2 on chart # 11

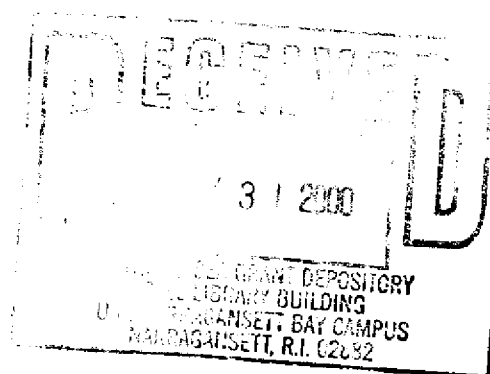
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Additional Charts may be obtained from
American Waterways, 5615 West Marginal Way SW
Seattle, WA 98106 (206) 768-3538

Not For Navigation NOAA chart # 18640

chart 11 San Francisco



For additional copies of this publication, contact the
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