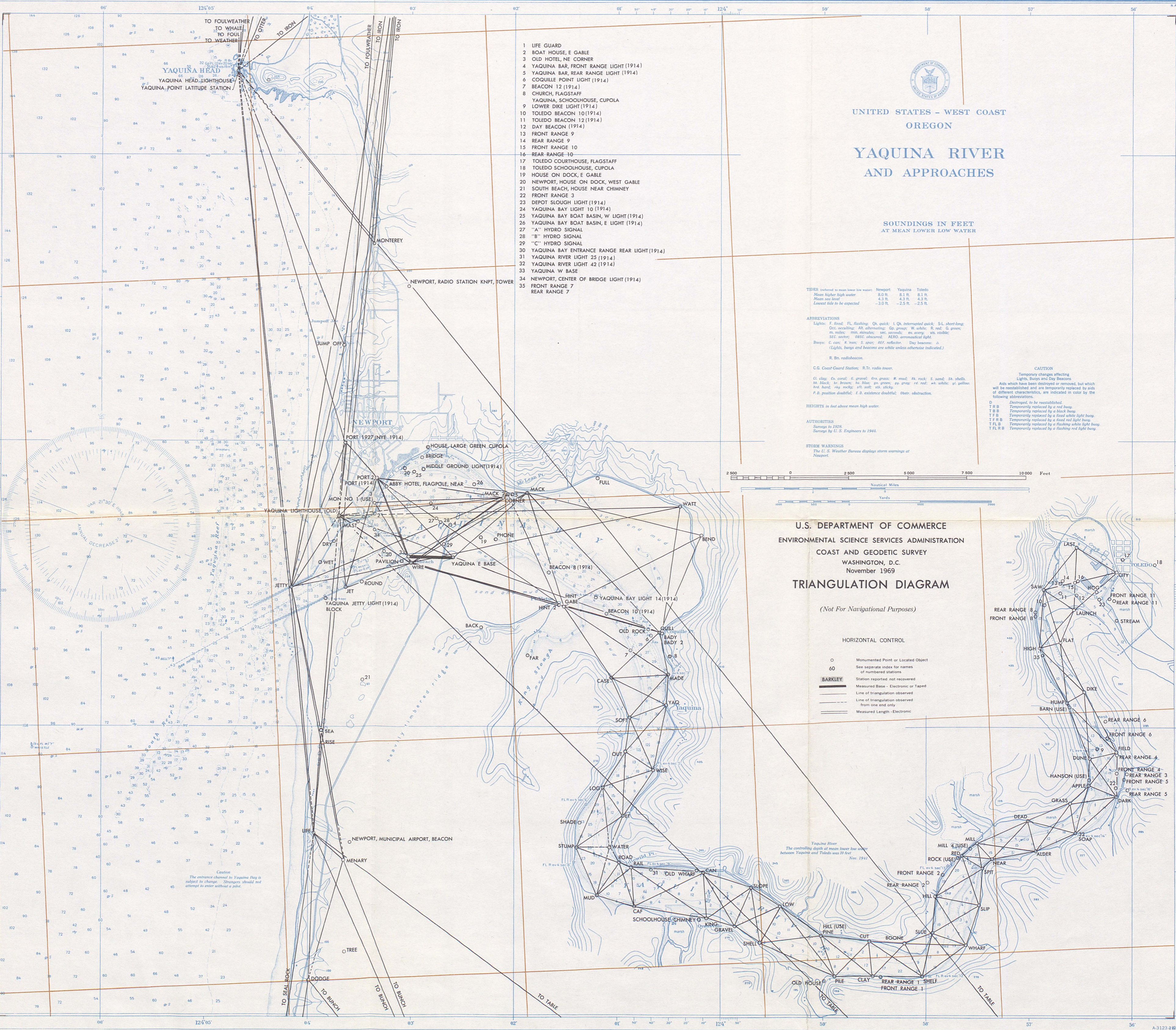


1 060 000 FT. N. ZONE 1 070 000 FT. 1 080 000 FT. 1 090 000 FT. 1 100 000 FT. N. ZONE



- 1 LIFE GUARD
- 2 BOAT HOUSE, E GABLE
- 3 OLD HOTEL, NE CORNER
- 4 YAQUINA BAR, FRONT RANGE LIGHT (1914)
- 5 YAQUINA BAR, REAR RANGE LIGHT (1914)
- 6 COQUILLE POINT LIGHT (1914)
- 7 BEACON 12 (1914)
- 8 CHURCH, FLAGSTAFF
- 9 YAQUINA, SCHOOLHOUSE, CUPOLA
- 10 LOWER DIKE LIGHT (1914)
- 11 TOLEDO BEACON 10 (1914)
- 12 TOLEDO BEACON 12 (1914)
- 13 DAY BEACON (1914)
- 14 FRONT RANGE 9
- 15 REAR RANGE 10
- 16 REAR RANGE 10
- 17 TOLEDO COURTHOUSE, FLAGSTAFF
- 18 TOLEDO SCHOOLHOUSE, CUPOLA
- 19 HOUSE ON DOCK, E GABLE
- 20 NEWPORT, HOUSE ON DOCK, WEST GABLE
- 21 SOUTH BEACH, HOUSE NEAR CHIMNEY
- 22 FRONT RANGE 3
- 23 DEPOT SLOUGH LIGHT (1914)
- 24 YAQUINA LIGHT 10 (1914)
- 25 YAQUINA BAY BOAT BASIN, W LIGHT (1914)
- 26 YAQUINA BAY BOAT BASIN, E LIGHT (1914)
- 27 "A" HYDRO SIGNAL
- 28 "B" HYDRO SIGNAL
- 29 "C" HYDRO SIGNAL
- 30 YAQUINA BAY ENTRANCE RANGE REAR LIGHT (1914)
- 31 YAQUINA RIVER LIGHT 25 (1914)
- 32 YAQUINA RIVER LIGHT 42 (1914)
- 33 YAQUINA W BASE
- 34 NEWPORT, CENTER OF BRIDGE LIGHT (1914)
- 35 FRONT RANGE 7
- REAR RANGE 7

TIDES (entered in mean lower low water)

	Newport	Yaquina	Toledo
Mean higher high water	8.0 ft.	8.1 ft.	8.1 ft.
Mean low water	4.3 ft.	4.3 ft.	4.3 ft.
Lowest tide to be expected	-3.0 ft.	-2.5 ft.	-2.5 ft.

ABBREVIATIONS

Lights: F. fixed; FL. flashing; Qk. quick; 1 Qk. intermittent quick; S.L. short-long; Occ. occulting; Alt. alternating; Sp. group; W. white; R. red; G. green; M. red, min. minutes; sec. seconds; ev. every; vis. visible; SEC. sector; OBS. obscured; AERO. aeronautical light.

Beacons: C. can; M. mark; S. spar; REF. reflector; Day beacons: Δ (Lights, buoys and beacons are white unless otherwise indicated).

R. Bn. radiobeacon.

C.G. Coast Guard Station; R.T. radio tower.

CAUTION

Temporary changes affecting Lights, Buoys and Day Beacons

Aids which have been destroyed or removed, but which will be reestablished and are temporarily replaced by aids of different characteristics, are indicated in color by the following abbreviations:

D. Destroyed, to be reestablished.

T.R.B. Temporarily replaced by a red buoy.

T.F.B. Temporarily replaced by a fixed white light buoy.

T.F.R.B. Temporarily replaced by a fixed red light buoy.

T.F.L.B. Temporarily replaced by a flashing white light buoy.

T.F.L.R.B. Temporarily replaced by a flashing red light buoy.

HEIGHTS in feet above mean high water.

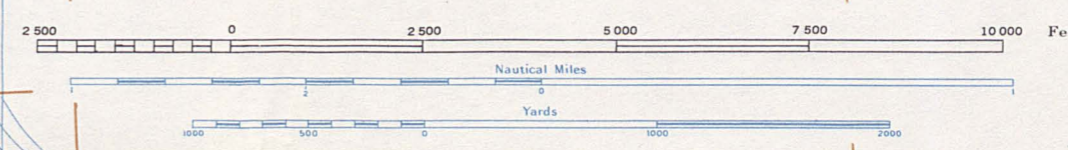
AUTHORITIES

Surveys to 1928.

Surveys by U. S. Engineers to 1948.

STORM WARNINGS

The U. S. Weather Bureau displays storm warnings at Newport.

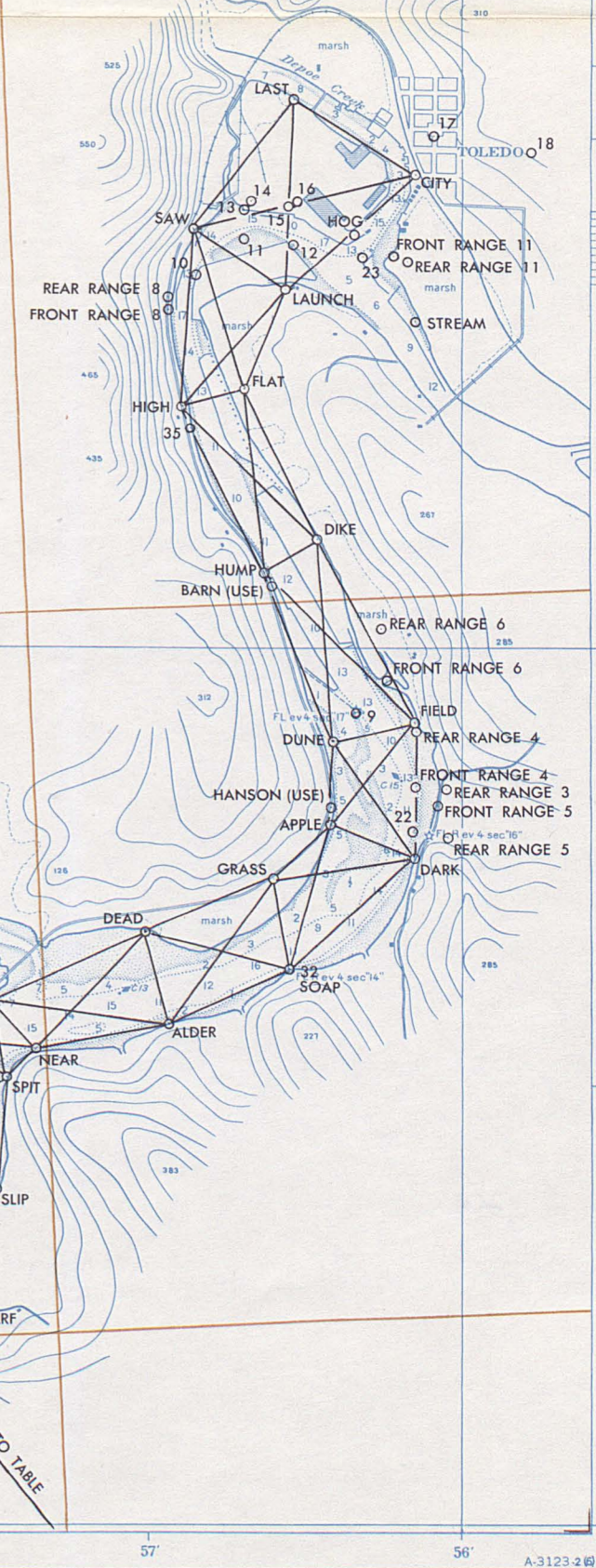


U.S. DEPARTMENT OF COMMERCE  
ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION  
COAST AND GEODETIC SURVEY  
WASHINGTON, D.C.  
November 1969  
**TRIANGULATION DIAGRAM**

(Not For Navigational Purposes)

HORIZONTAL CONTROL

- Monumented Point or Located Object
- 60 See separate index for names of numbered stations
- Station reported not recovered
- Measured Base - Electronic or Taped
- Line of triangulation observed
- Line of triangulation observed from one end only
- Measured Length - Electronic



390 000 FT. N. ZONE Oreg.

380 000 FT.

370 000 FT.

360 000 FT.

350 000 FT. N. ZONE Oreg.

380 000 FT. N. ZONE Oreg.

370 000 FT.

360 000 FT.

350 000 FT. N. ZONE Oreg.

6951 September 1959

1 060 000 FT. N. ZONE

1 070 000 FT.

1 080 000 FT.

1 090 000 FT.

1 100 000 FT. N. ZONE