

BookletChart™



Willamette River – Walnut Eddy to Newberg

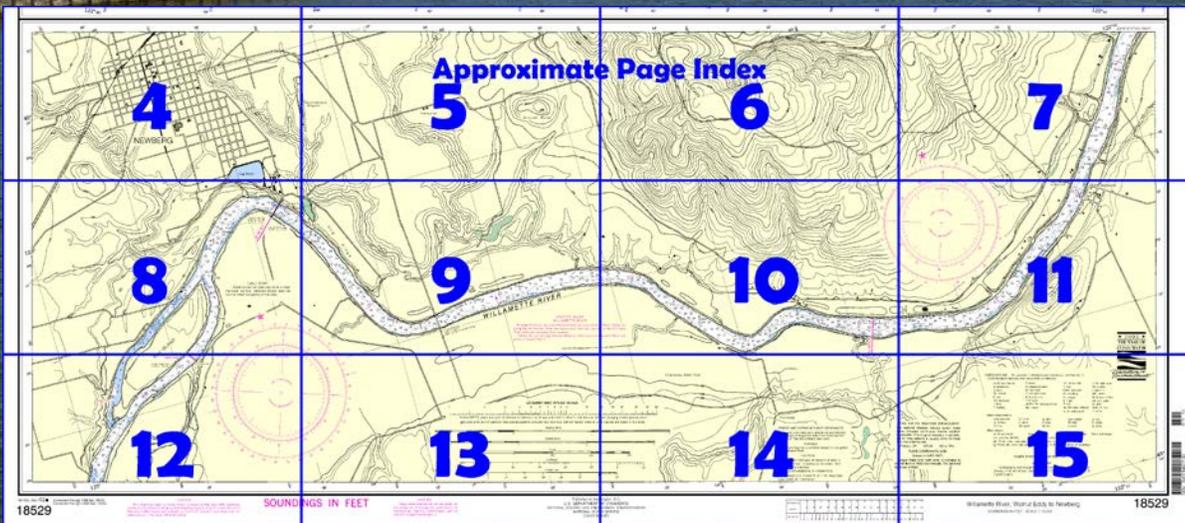
NOAA Chart 18529

A reduced-scale NOAA nautical chart for small boaters

When possible, use the full-size NOAA chart for navigation.



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



Navigation Managers Area of Responsibility



NOAA's navigation managers serve as ambassadors to the maritime community. They help identify navigational challenges facing professional and recreational mariners, and provide NOAA resources and information for safe navigation. For additional information, please visit nauticalcharts.noaa.gov/service/navmanagers

To make suggestions or ask questions online, go to nauticalcharts.noaa.gov/inquiry.
To report a chart discrepancy, please use ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx.

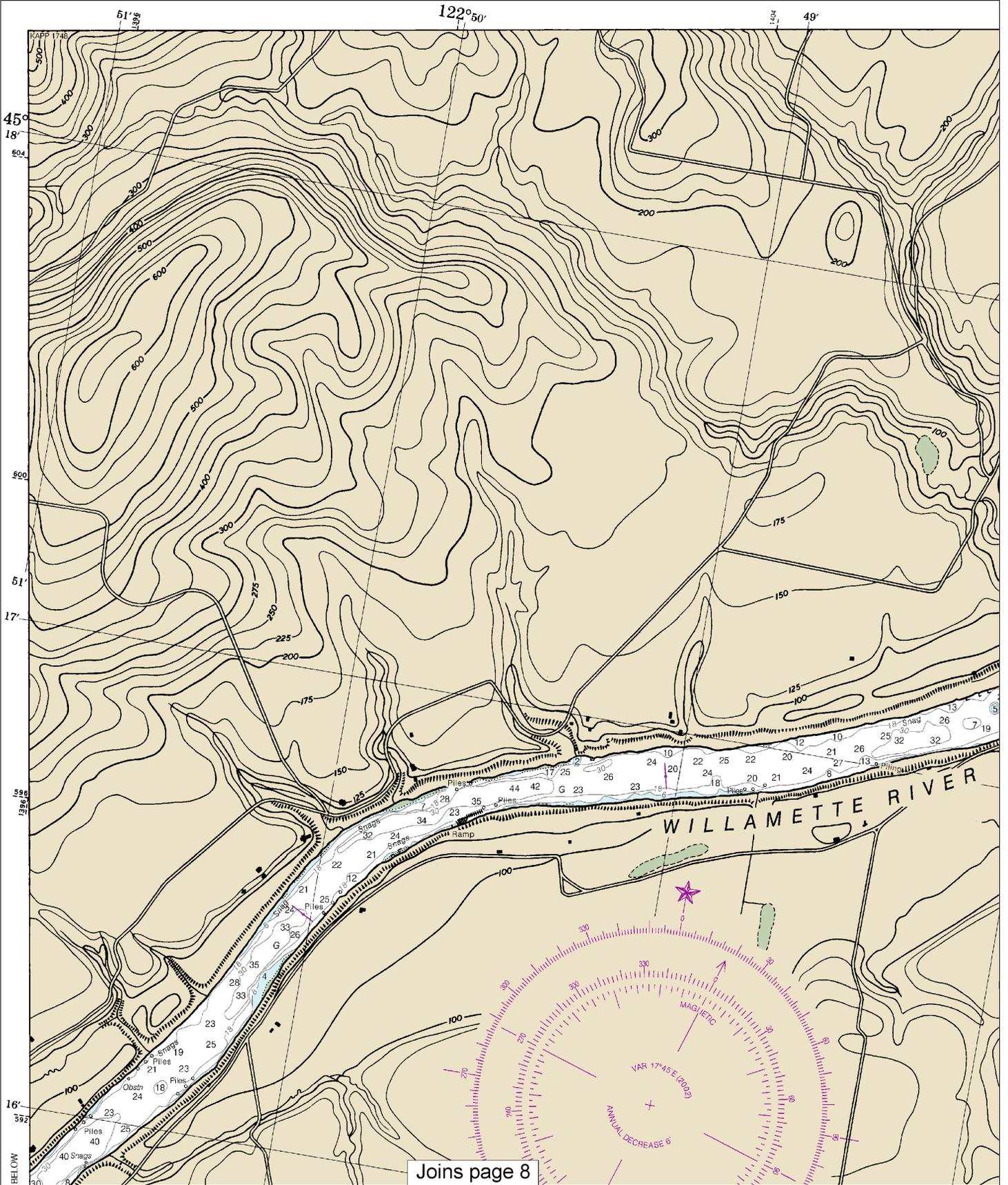
Lateral System As Seen Entering From Seaward

on navigable waters except Western Rivers



For more information on aids to navigation, including those on Western Rivers, please consult the latest USCG Light List for your area. These volumes are available online at <http://www.navcen.uscg.gov>

18529



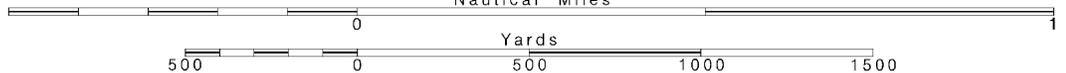
4

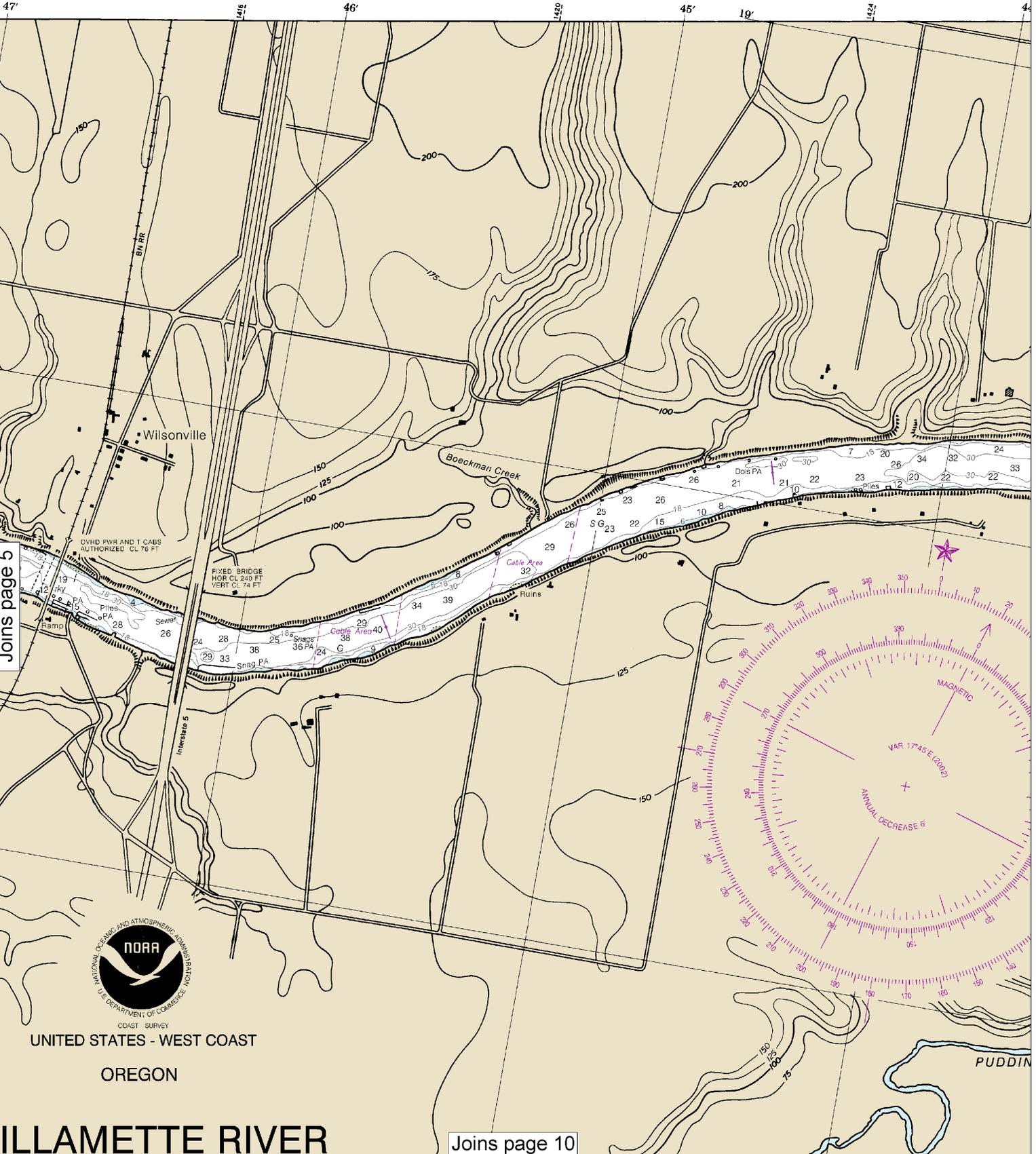
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:15,000
Nautical Miles

See Note on page 5.





Joins page 5

Joins page 10



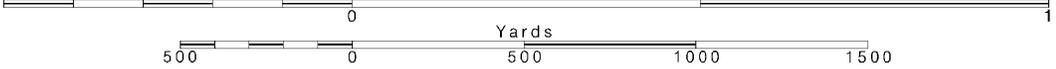
UNITED STATES - WEST COAST
OREGON

WILLAMETTE RIVER

Printed at reduced scale.

SCALE 1:15,000
Nautical Miles

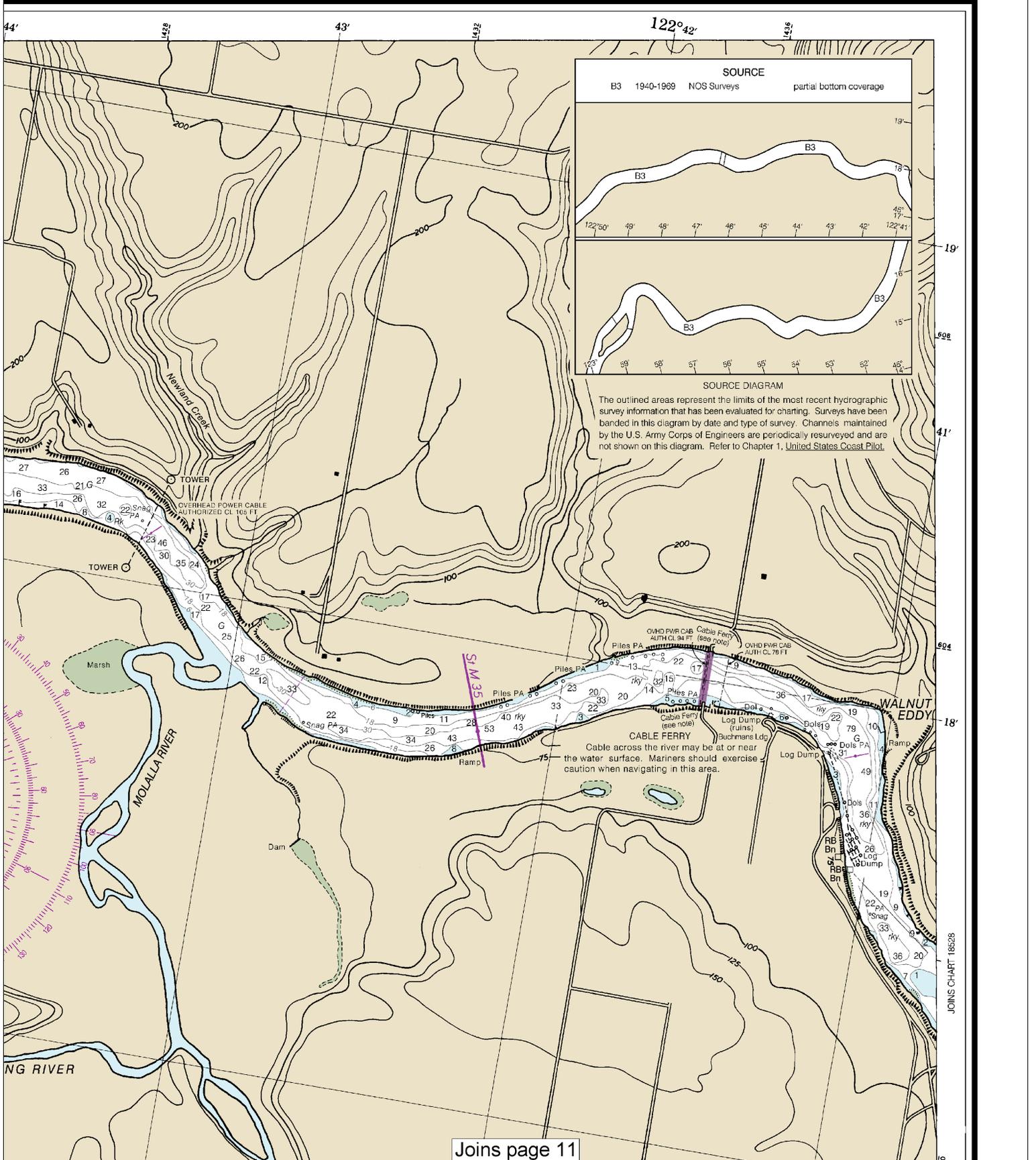
See Note on page 5.



Note: Chart grid lines are aligned with true north.

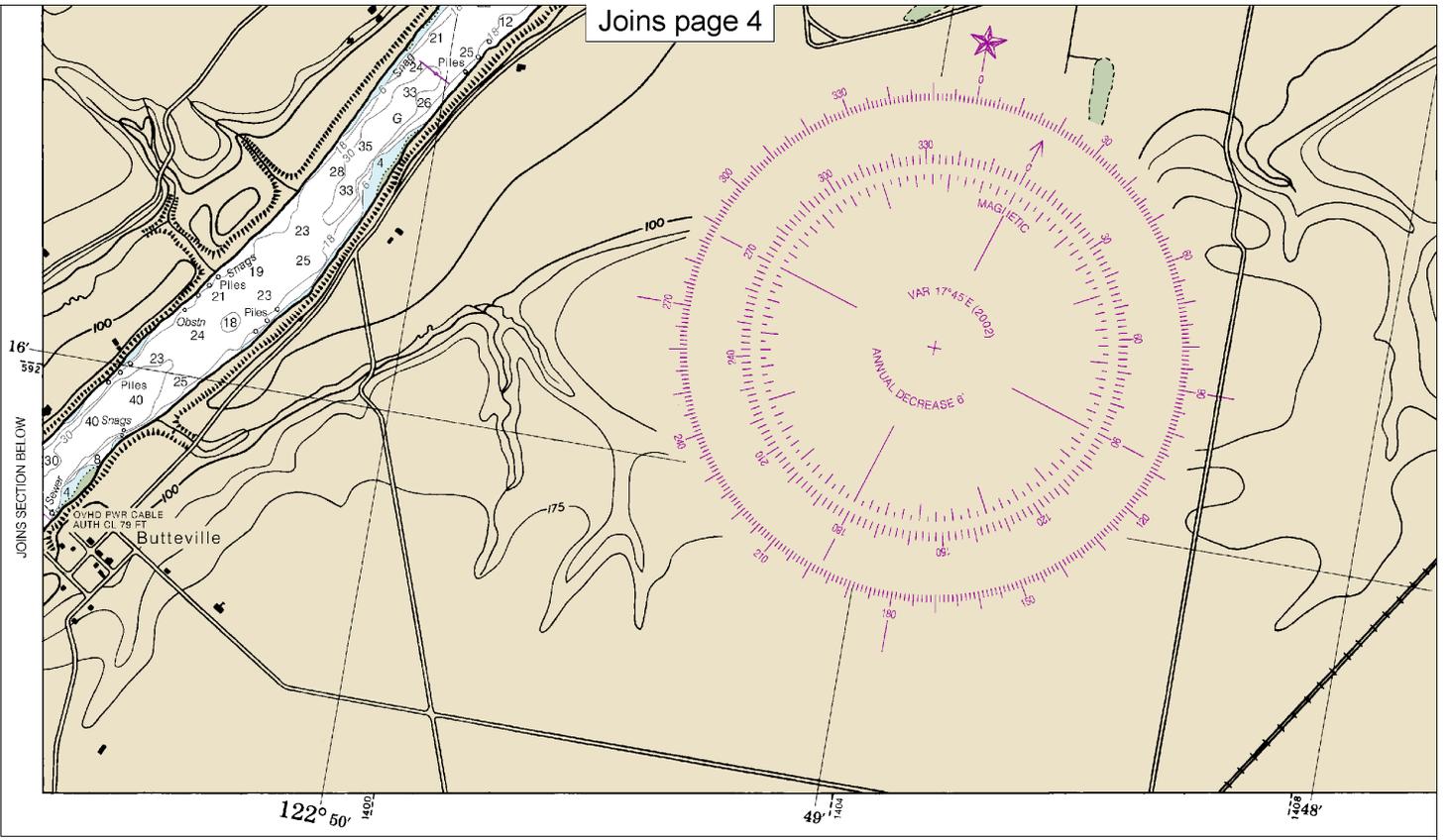
SOUNDINGS IN FEET

Nautical Chart Catalog No. 2, Panel G

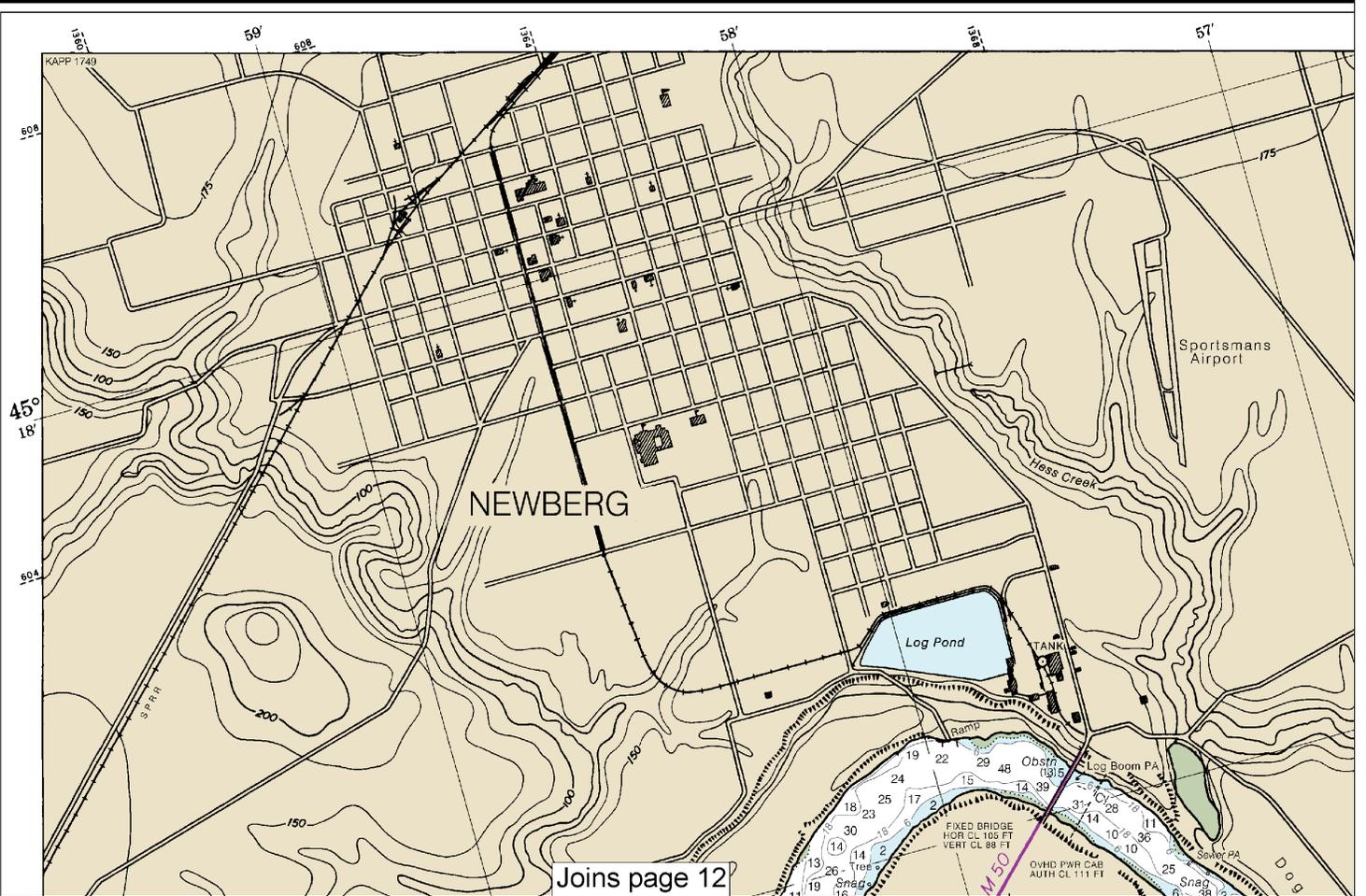


10th Ed., Sep. 2002. Last Correction: 5/8/2015. Cleared through:
LNM: 4816 (11/29/2016), NM: 5016 (12/10/2016), CHS: 1116 (11/25/2016)

Joins page 4



Joins page 12

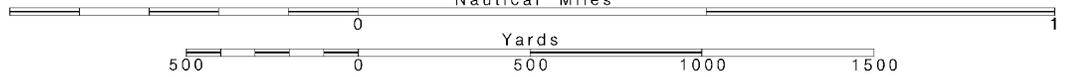


Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:15,000
Nautical Miles

See Note on page 5.



Joins page 5



COAST SURVEY

UNITED STATES - WEST COAST

OREGON

WILLAMETTE RIVER

WALNUT EDDY TO NEWBERG

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.571" southward and 4.344" westward to agree with this chart.

Mercator Projection
Scale 1:15,000 at Lat 45° 16'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT WILLAMETTE RIVER DATUM
This datum is 50 feet above mean sea level.

Navigation regulations
Coast Pilot 7. Additional
regulations may be found
in the Office of the District
Commander, Seattle, Washington.
Refer to chart.

RADAR
Radar reflectors
floating aids to
navigation are
omitted from this
chart.

142'

47'

146'

46'

16' 12"

45'

18'

56'

604'

1374'

55'

1382'

54'

Fernwood

Spring Brook

Grouse Butte

Joins page 10

Joins page 13

Joins page 6



COAST SURVEY
UNITED STATES - WEST COAST

OREGON

WILLAMETTE RIVER

ALNUT EDDY TO NEWBERG

Mercator Projection
Scale 1:15,000 at Lat 45° 16'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT WILLAMETTE RIVER DATUM
This datum is 50 feet above mean sea level.

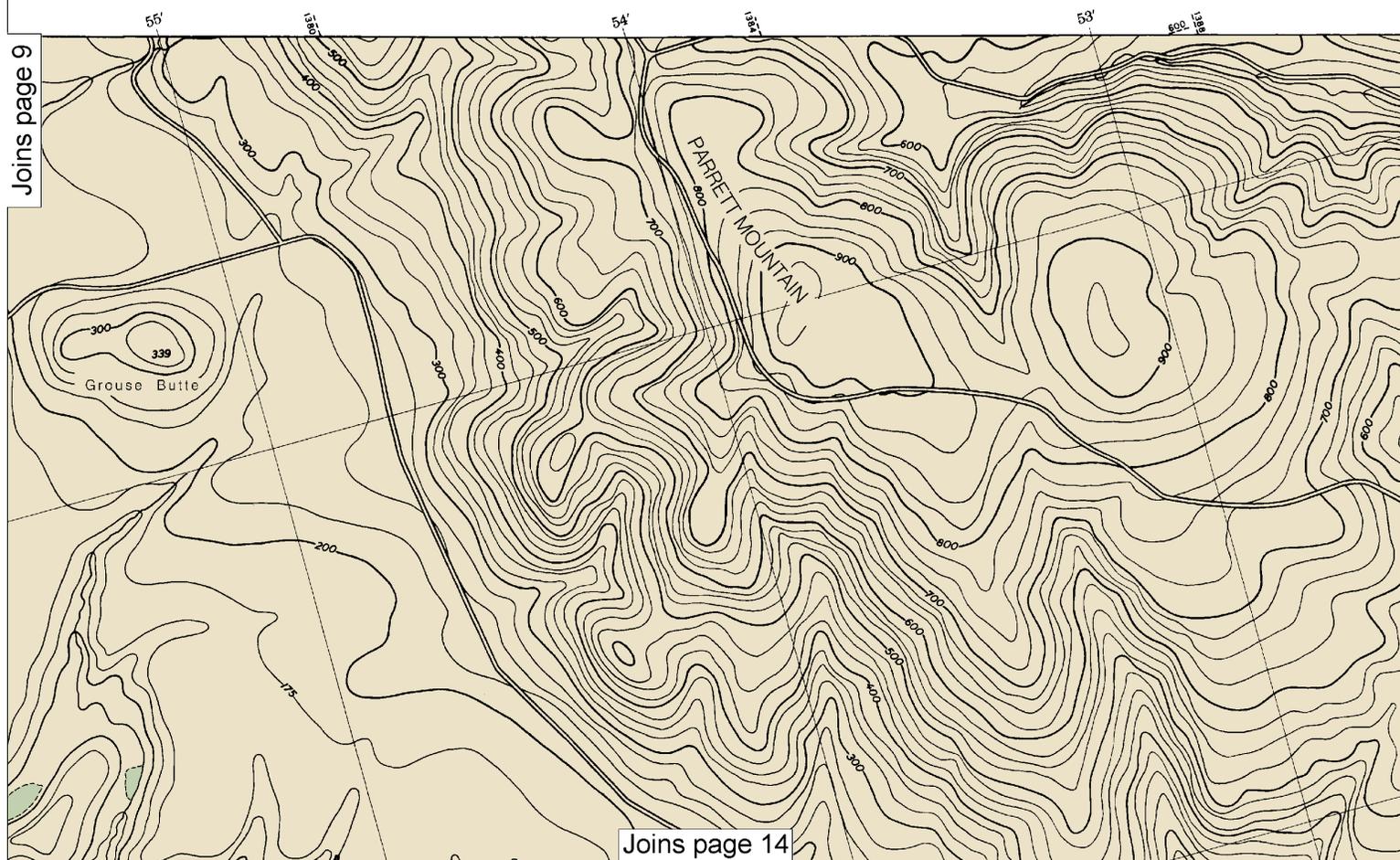
NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 7. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 13th Coast Guard District in Seattle, Washington or at the Office of the District Engineer, Corps of Engineers in Seattle, Washington.
Refer to charted regulation section numbers.

RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center 1-800-424-8802 (toll free), or to the nearest Coast Guard facility if telephone communication is impossible (33 CFR 153).

1416' 46' 16' 45' 58' 1424' 44' 1432'

Joins page 9



Joins page 14

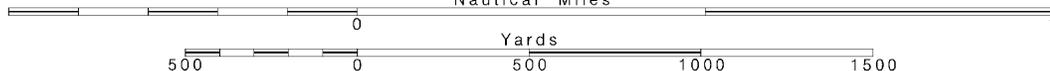
10

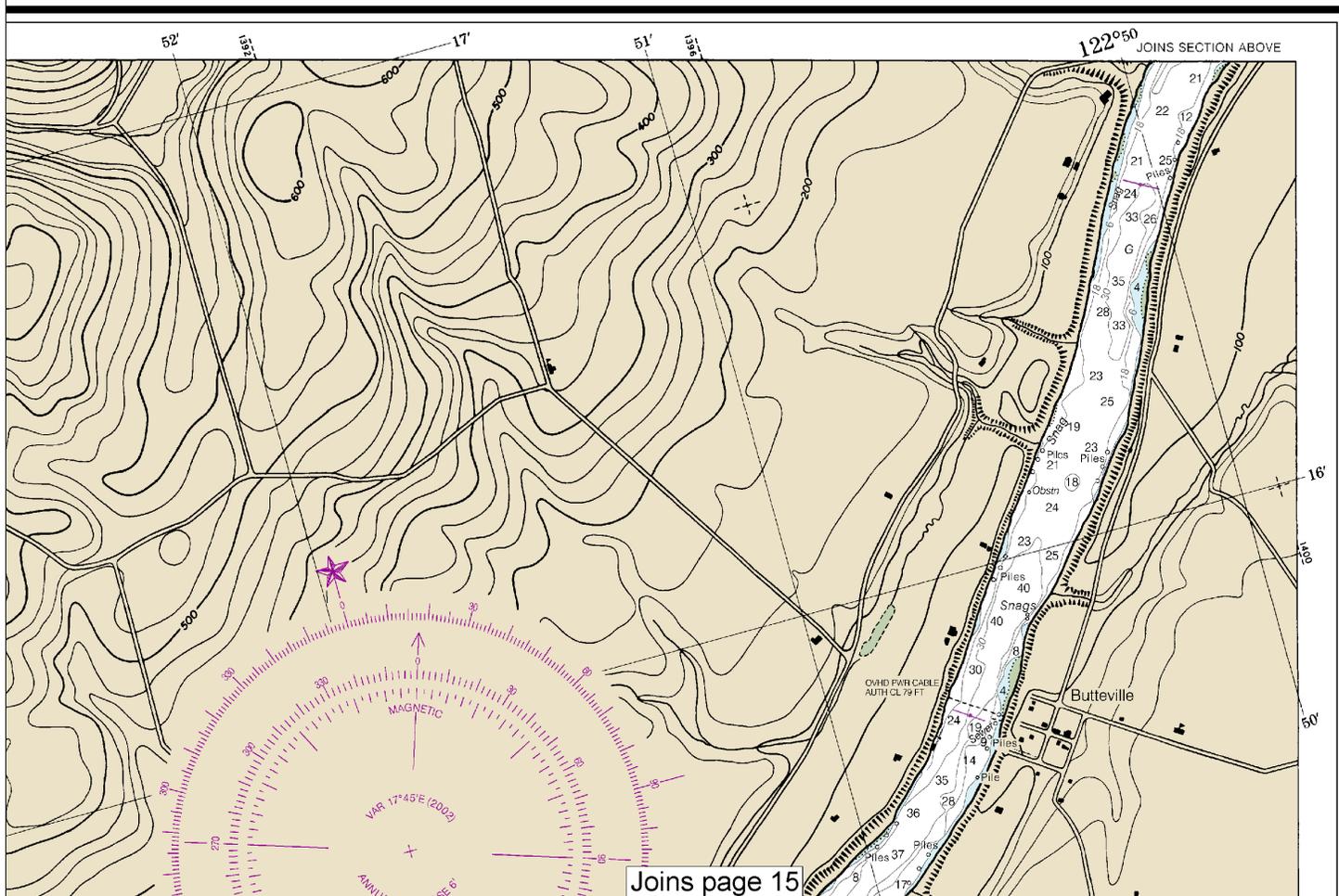
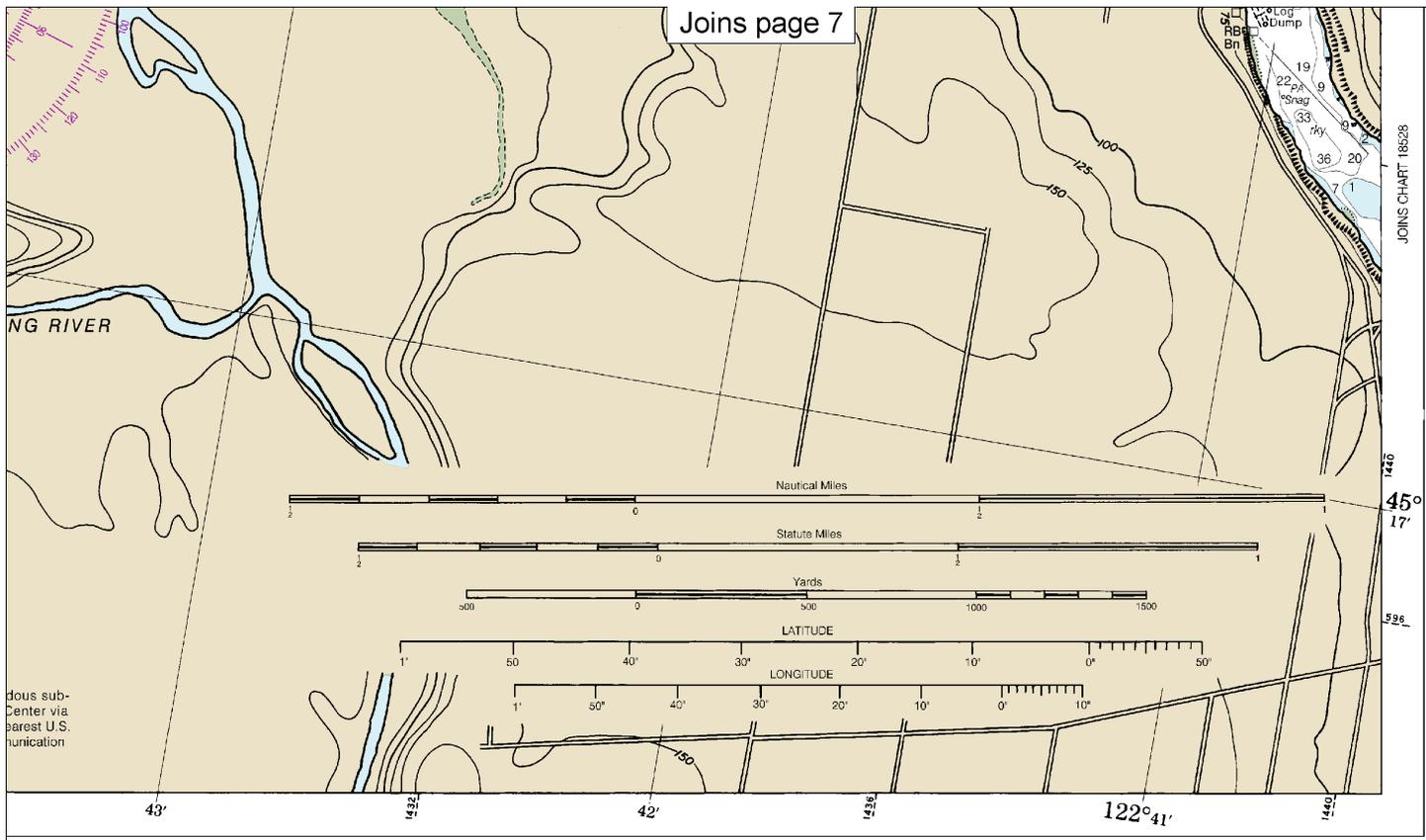
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

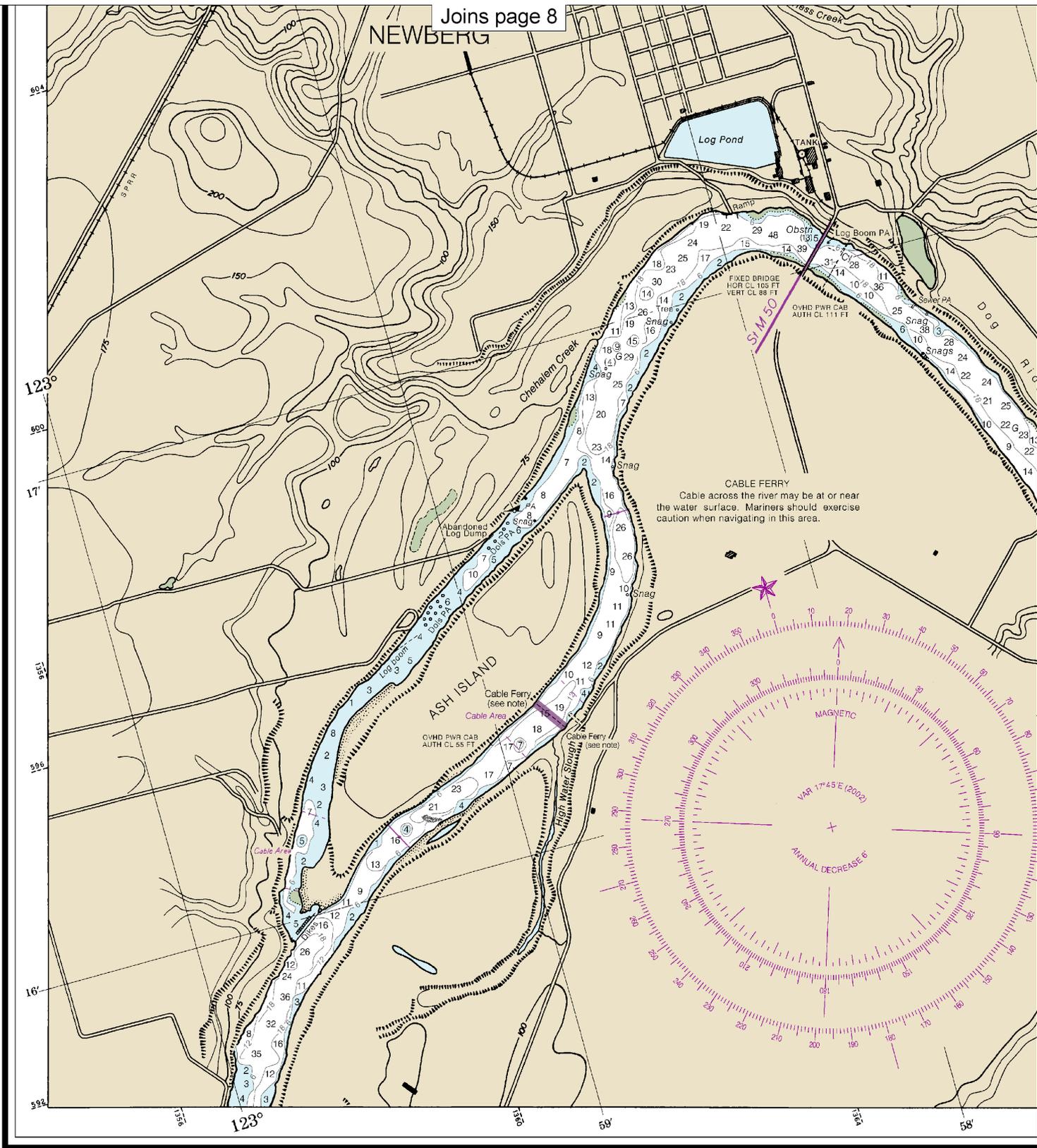
SCALE 1:15,000
Nautical Miles

See Note on page 5.





NEWBERG



18529

CAUTION
 This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Imagery and Mapping Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner.

SOUNDINGS IN I

10th Ed., Sep. 2002. Last Correction: 5/8/2015. Cleared through:
 LNM: 4816 (11/29/2016), NM: 5016 (12/10/2016), CHS: 1116 (11/25/2016)

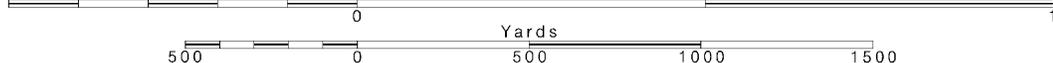
12

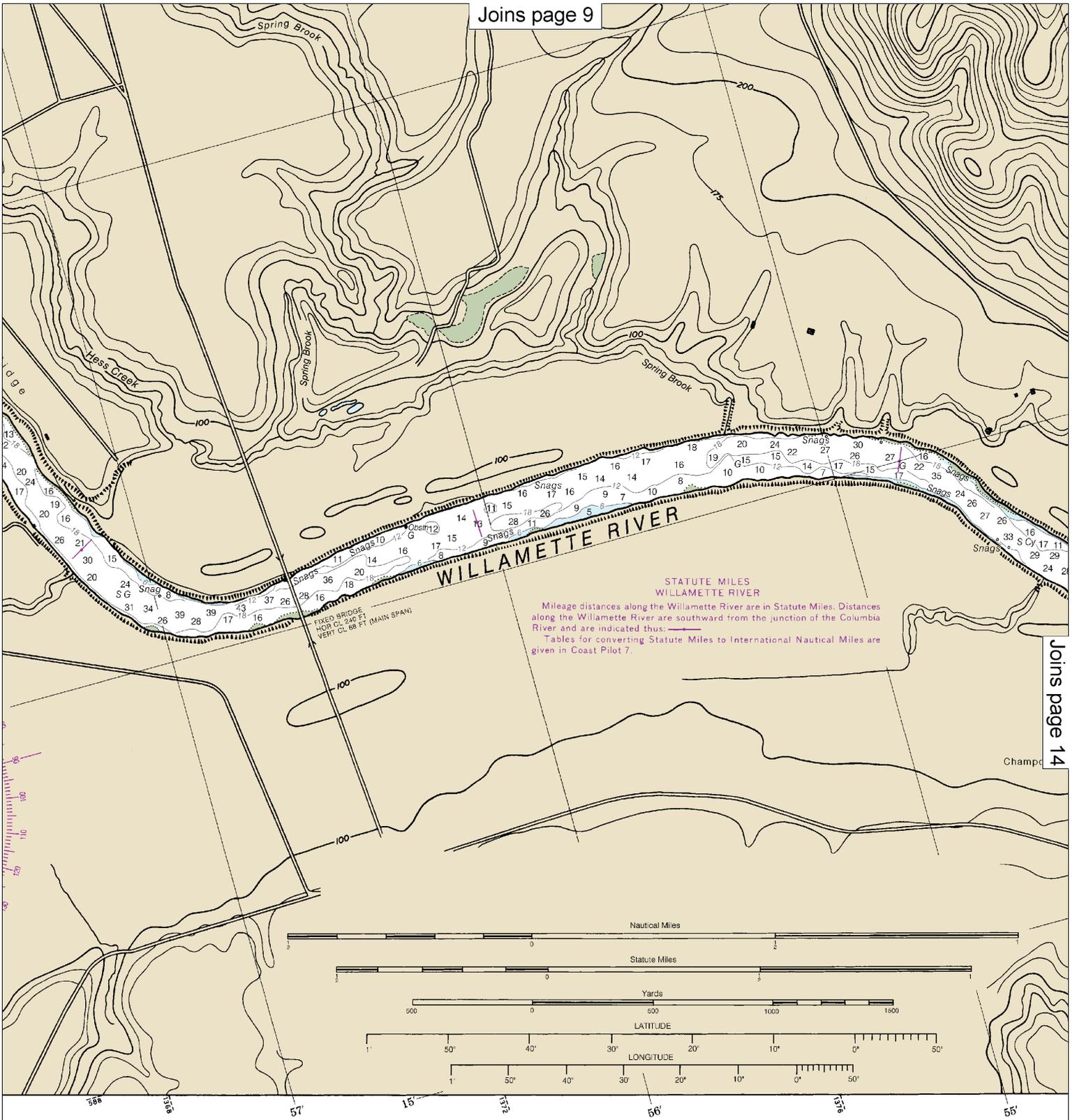
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:15,000
 Nautical Miles

See Note on page 5.





WILLAMETTE RIVER

STATUTE MILES WILLAMETTE RIVER

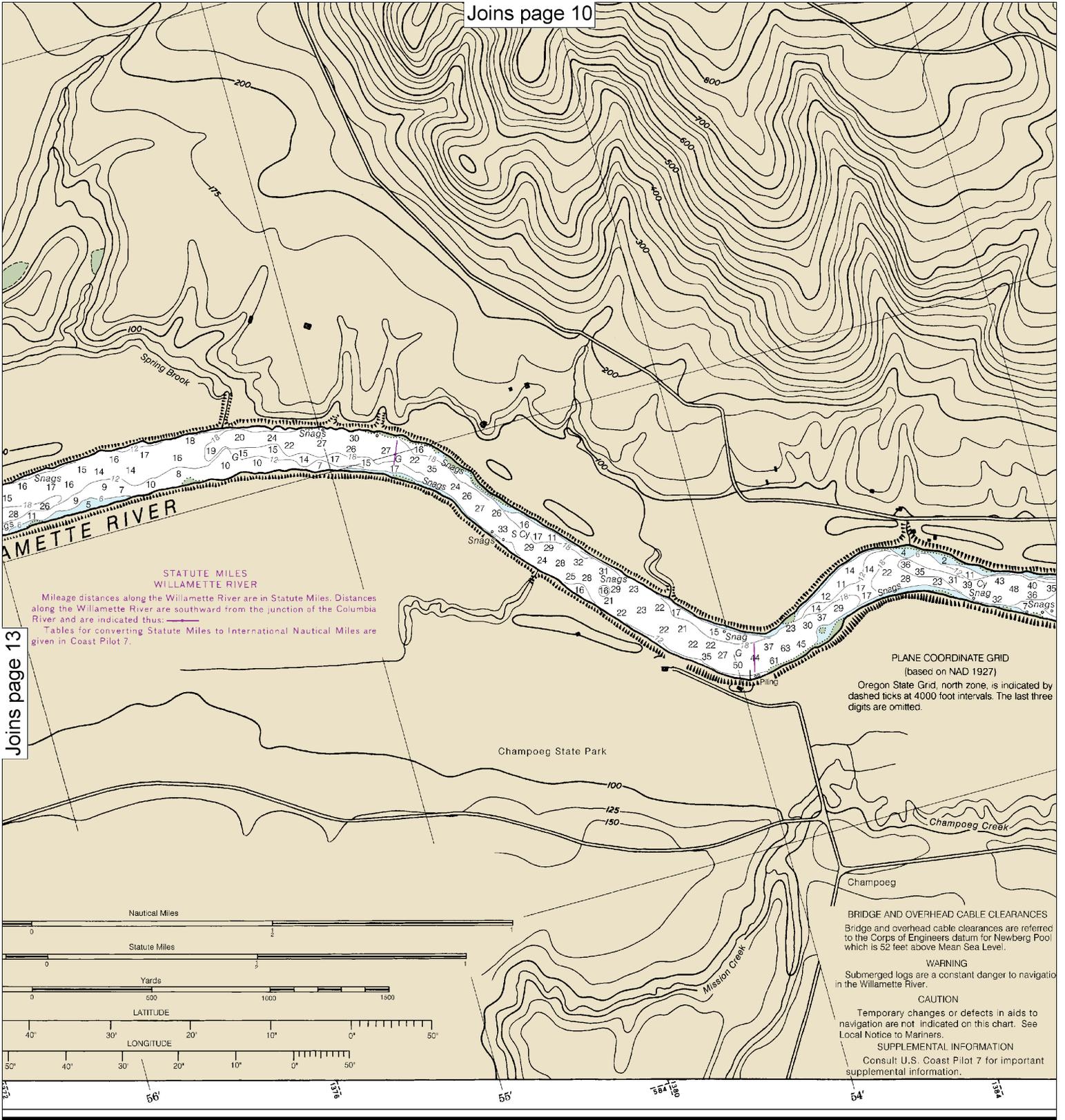
Mileage distances along the Willamette River are in Statute Miles. Distances along the Willamette River are southward from the junction of the Columbia River and are indicated thus: ———→

Tables for converting Statute Miles to International Nautical Miles are given in Coast Pilot 7.

FEET

WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY



Joins page 13

STATUTE MILES WILLAMETTE RIVER
 Mileage distances along the Willamette River are in Statute Miles. Distances along the Willamette River are southward from the junction of the Columbia River and are indicated thus: ———→
 Tables for converting Statute Miles to International Nautical Miles are given in Coast Pilot 7.

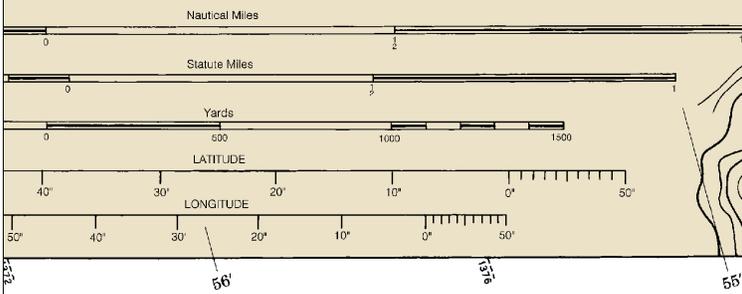
PLANE COORDINATE GRID
 (based on NAD 1927)
 Oregon State Grid, north zone, is indicated by dashed ticks at 4000 foot intervals. The last three digits are omitted.

BRIDGE AND OVERHEAD CABLE CLEARANCES
 Bridge and overhead cable clearances are referred to the Corps of Engineers datum for Newberg Pool which is 52 feet above Mean Sea Level.

WARNING
 Submerged logs are a constant danger to navigation in the Willamette River.

CAUTION
 Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

SUPPLEMENTAL INFORMATION
 Consult U.S. Coast Pilot 7 for important supplemental information.



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 NATIONAL OCEAN SERVICE
 COAST SURVEY

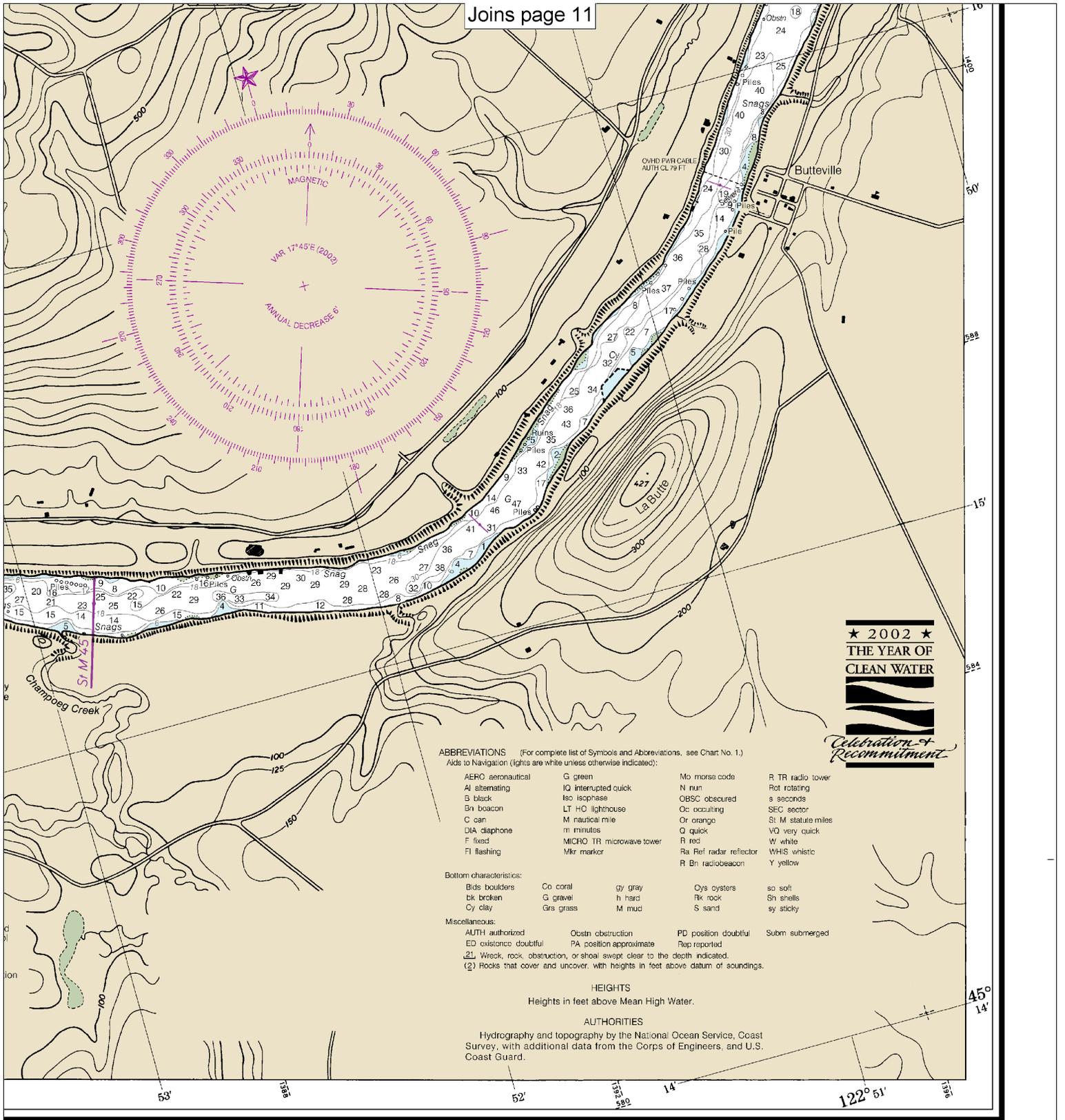
FATHOMS	1	2	3	4	5	6
FEET	6	12	18	24	30	36
METERS	1	2	3	4	5	6

Note: Chart grid lines are aligned with true north.

Printed at reduced scale. SCALE 1:15,000 Nautical Miles

See Note on page 5.





ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)
Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	IQ interrupted quick	N nun	Rot rotating
B black	Iso isophase	OBSC obscured	s seconds
Bn beacon	LT LC lighthouse	Oc occulting	SEC sector
C can	M nautical mile	Or orange	St M statute miles
DIA diaphone	m minutes	Q quick	VQ very quick
F fixed	MICRO TR microwave tower	R red	W white
Fl flashing	Mkr marker	Ra Ref radar reflector	WHS whistric
		R Bn radiobeacon	Y yellow

Bottom characteristics:

Blds boulders	Co coral	gy gray	Cys cysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

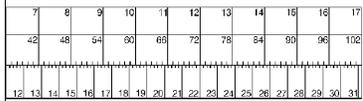
Miscellaneous:

AUTH authorized	Obstrn obstruction	PD position doubtful	Subm submerged
ED existence doubtful	PA position approximate	Rep reported	

(2) Wreck, rock, obstruction, or shoal swept clear to the death indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.

HEIGHTS
Heights in feet above Mean High Water.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, and U.S. Coast Guard.



Willamette River, Walnut Eddy to Newberg
SOUNDINGS IN FEET - SCALE 1:15,000

18529



EMERGENCY INFORMATION

VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

Getting and Giving Help — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!



NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

<http://www.nws.noaa.gov/nwr/>

Quick References

- Nautical chart related products and information — <http://www.nauticalcharts.noaa.gov>
- Interactive chart catalog — <http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml>
- Report a chart discrepancy — <http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx>
- Chart and chart related inquiries and comments — <http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs>
- Chart updates (LNM and NM corrections) — http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html
- Coast Pilot online — <http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm>
- Tides and Currents — <http://tidesandcurrents.noaa.gov>
- Marine Forecasts — <http://www.nws.noaa.gov/om/marine/home.htm>
- National Data Buoy Center — <http://www.ndbc.noaa.gov/>
- NowCoast web portal for coastal conditions — <http://www.nowcoast.noaa.gov/>
- National Weather Service — <http://www.weather.gov/>
- National Hurricane Center — <http://www.nhc.noaa.gov/>
- Pacific Tsunami Warning Center — <http://ptwc.weather.gov/>
- Contact Us — <http://www.nauticalcharts.noaa.gov/staff/contact.htm>



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This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.