NOAA encourages users to submit inquiries, discrepancies or comments about this chart at http://www.nauticalcharts.noaa.gov/staff/contact.htm.

Formerly C&GS 6164, 1st Ed., Mar. 1960

SOUNDINGS IN FEET

Nautical Chart Catalog No. 2, Panel I

18542

JOINS CHART 18543

Nautical Mile
Statute Miles
Yards
LATITUDE
LONGITUDE

KAPP 1769

PASCO

KENNEWICK

Fair Grounds

Pasco Engineering Depot

Ainsworth Junction

East Pasco

Sacajawea State Park

SNAKE RIVER

BURBANK

Hedges

Finley

Indian I

Villard Pond

Villard Junction

LAKE WALLULA

WEST CHANNEL

HOMLY CHANNEL

Foundation Islands

Reservoir

Curlew Pond

Casey Pond

Quarry Pond

Two Rivers

Hover

Canal

Badger I

Fl R 6s 16ft 5M "46"

Fl (2+1) G 6s 16ft 4M "5"

Iso 6s 43ft

Q 26ft

Fl R 6s 40ft 5M "38"

Fl R 4s 17ft 3M "2"

Fl R 4s 23ft 5M "34"

Fl G 4s 17ft 4M "1"

Fl (2+1) G 6s 24ft 4M "W"

Fl R 2.5s 23ft 4M "30"

Fl G 6s 17ft 3M "27"

LIFT BRIDGE HOR CL 278 FT VERT CL 11 FT DOWN VERT CL 72 FT UP

LIFT BRIDGE HOR CL 296 FT VERT CL 18 FT DOWN VERT CL 70 FT UP

FIXED BRIDGE HOR CL 578 FT VERT CL 56 FT

LIFT BRIDGE HOR CL 360 FT VERT CL 14 FT DOWN VERT CL 60 FT UP

FIXED BRIDGES HOR CL 400 FT VERT CL 61 FT

OVHD PWR CAB CL 54 FT

OVHD PWR CAB CL 85 FT

TOWER

TANKS

RACON K (–·–)

F Y 17ft Priv

Fl Y 4s 16ft 5M "46"

Fl G 6s 17ft 3M "27"

Fl R 6s 17ft 4M "26"

Fl R 4s 17ft 3M "2"

Fl R 6s 22ft 5M "20"

Fl G 4s 16ft 4M "23"

Fl R 4s 21ft 4M "14"

Fl G 4s 29ft 4M "13"

Fl Y 4s "A" 16 Priv

F Y Priv

RB Bn Priv

PORT KELLEY

ELEVATOR

Mound Pond

Yellepit Pond

Spring Gulch

Attalia

PORT OF WALLA WALLA

TANK

WALLULA

WALLULA STATE PARK

Wallula Junction

Walla Walla River

Jetty

Yellepit

Twin Sisters

Juniper

Badger Island

Shoal

Intake

Piles

Tank Farm

Ramp

Parking Area

Piling Safety Collar

Dolphin

Ra Ref

Ch Hd

Sewer

Water

Power

Limits

Bn & Lights

Obstn

Obstns

Subm piling rep PA

Bldg

Tanks

Jetty

Rky

Wk

Ch

Ma

G

S

M

Sh

Mo

Bk

Co

Gy

Or

Pu

Rd

Wh

Y

SOURCE

US Government Surveys

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

VAR 17° 30'E (2000)
MAGNETIC
ANNUAL DECREASE 6'

VAR 17° 15'E (2000)

VAR 0° 30'E (2000)

St M 325
St M 324.2
St M 0
St M 315
St M 310
St M 320

JOINS CHART 18545

JOINS RIGHT PANEL

JOINS LEFT PANEL

JOINS CHART 18541

UNITED STATES - WEST COAST

OREGON - WASHINGTON

COLUMBIA RIVER

JUNIPER TO PASCO

Mercator Projection
Scale 1:20,000 at Lat. 46°06'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET

Soundings and clearances of bridges and overhead cables are referred to normal pool level which is 340 feet above mean sea level

HEIGHTS

Heights in feet

AUTHORITIES

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

COLUMBIA AND SNAKE RIVERS

Mileage distances along the Columbia and Snake Rivers are in Statute Miles. Distances along the Columbia River are eastward from the mouth, and the Snake River are eastward 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.

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 0.512" southward and 4.019" westward to agree with this chart.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

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

Bottom characteristics:

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

Miscellaneous:

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

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

PLANE COORDINATE GRID

Washington State Grid, south zone, is indicated by dashed ticks at 5000 foot intervals. The last 3 digits are omitted.

CAUTION

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

NOTE "B"

CAUTION

The depths of water on this chart except for the area above the Pasco highway bridge, have been determined from conditions existing prior to the filling of the Pool. Shoaler depths than charted may exist within the blue tinted areas particularly near the shoreline.

SUPPLEMENTAL INFORMATION

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

NOAA VHF-FM WEATHER BROADCASTS

The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations is usually 20 to 40 miles from the antenna site.

Pendleton, OR WXL-95 162.550 MHz

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 via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

CAUTION

SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

Pipeline Area — Cable Area

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.

Covered wells may be marked by lighted or unlighted buoys.

CAUTION

Only marine radiobeacons have been calibrated for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Imagery and Mapping Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:
⊙(Accurate location) ⊙(Approximate location)

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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.

CAUTION

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

10th Ed., Jan. 2000. Last Correction: 9/16/2016. Cleared through:
LNM: 4816 (11/29/2016), NM: 5016 (12/10/2016), CHS: 1116 (11/25/2016)

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

FATHOMS / FEET / METERS

Columbia River, Juniper to Pasco

SOUNDINGS IN FEET - SCALE 1:20,000

18542