BULK HANDLING OF GRAIN NEED SHOWN

Engineer's Report Says Portland Gets Only Half of Tidewater Wheat.

NEW TERRITORY IS OPENED

Steady Increase of Grain for Export Said to Be Reasonably Sure and Advice Is Given to Prepare for New Conditions.

pepulation as has the Puget Sound ex-clusive trade district, and for this rea-son it has all the possibilities that go with larger agricultural area and lar-ger population. Central Oregon opened by railway as a wheat producing and wheat shipping section, of which the greater portion is Portland's exclusive territory, should greatly add to the volume of wheat which would reach tidewater at this port. tidewater at this port.

"Additional lands in Oregon and Southeastern Idaho, which are counted as producing factors in the cereal trade, should insure greater tidewater delivery, and the increased yields in the now producing territory, due to better farming methods, should insure not only the maintenance of the present tidewater movement of wheat to Portland, but also more than take care of any increased demand for home or doningham, of the aviation and submaning the statements of the aviation and submaning the statement of the aviation and submaning the should insure present the statement of the aviation and submaning the should insure greater tidewater delivery.

Field Sites Are Viewed.

MARSHFIELD, Or., Jan. 8.—(Special.)

The statement of the statement of the aviation and submaning the statement of the state

land can feel reasonably sure that the urday night and Sunday. Captain Cunsupply of wheat for export through the ningham was not disposed to detail future, and that Portland can reasonably figure on an increased delivery for many years to come."

Many Growers Consulted.

In assembling material for the report Mr. Hegardt traveled over the entire Inland Empire and consulted with all classes from growers to exporters of both wheat and flour, besides digesting various Government reports and statement that Coosports and statements as to the experience of other communities with bulk ishment.

In assembling material for the report Mr. Hegardt traveled over the nected with a submarine base is said is going ahead on the steamer North-land, and she is to be placed in the was taken they were included in the visitor's general statement that Coosports and statements as to the experience of other communities with bulk lishment.

As to production, Mr. Hegardt where fortifications could

gon and Washington and Northwestern for an aviation field.

000 bushels a year and barley from 10,000,000 to 12,000,000 bushels.

"For the purposes of this report, a rear having these totals will be used throughout in distributing between countles, districts and states and in reaching the percentage of wheat going

sumption, to California for feeds, and the rest are consumed locally. Barley has gone foreign to the extent of 2,600,000 to 4,000,000 bushels a year, mostly the brawing grades being in demand, but during the last couple of years a quantity has gone to Europe as feed stuffs.

Improvement plans for 1917 under

"Within a 100-mile zone from Port-land there is produced 5,000,000 bushels of wheat, and not 1,000,000 bushels that

10,000,000 bushels of wheat that, under average marketing conditions, must come to tidewater here, because of the lower rate, and that Puget Sound has in its exclusive territory about 6,000,000 bushels in a year for that region that has a lower rate to Puget Sound than Portland.

"All of the remaining Northwestern changes is expected to remedy that.

'All of the remaining Northwestern production for the three states—say an average of 35,000,000 bushels—is in competitive territory and enjoys abso-lutely the same rate to tidewater at either Portland or Puget Sound."

Bulk Hadling in Much Favor. Summarizing what he learned on his interior trip, Mr. Hegardt says that, in general, growers favor bulk handling and are of the opinion that facilities of the kind will continue to be provided by the farmers. Normal sack and are of the opinion that facilities of the kind will continue to be provided by the farmers. Normal sack prices are fixed at 5 to 7 cents and The deceased left the steamer Chester.

The deceased left the steamer Chester.

Some predict, he says, that in two or three years 25 per cent of the wheat will move in bulk, and in five years 50 per cent, that being brought about through the use of portable bins in the field, granaries at farms and elevators at railroad points. As to exvators at railroad points. As to expense, it has been estimated that granaries can be provided at the cost of two years' sacks, and after once es- 25 miles.

Columbia River Bar Report,
NORTH HEAD, Jan. 8.—Condition of the bar at 5 P. M.: Sea, obscured; wind, south

tablishing granaries the growers would be independent of warehouses that are now used for storage in sacks.

One class of men found who unhes-itatingly favored bulk wheat were those operating elevators and the farmthose operating elevators and the farm-ers interested in them. They point out that not only is the annual saving in sacks a feature, but the uncertainty of always obtaining sacks, and that after having put in one year with the bulk system they would not willingly return to sacks. Millimen and ware-housemen take the opposite side of the argument, he says, their contention be-ing that sacks are cheaper than to es-Ing that sacks are cheaper than to establish elaborate granary and such facilities on farms, but in the main they say they are willing to accept the change if farmers are satisfied it is the best and will adhere to it. Farmers' unions, he writes, are unequivocally in favor of the bulk idea and, while failures were recorded in that method 25 years ago, they reason that the conditions contributing to the ill-success no longer exist.

Many Still to Lee Sacks ng that sacks are cheaper than to es

it is the best and will adhere to it. Farmers' unions, he writes, are unequivocally in favor of the bulk idea and, while failures were recorded in that method 25 years ago, they reason that the conditions contributing to the ill-success no longer exist.

Many Still to Use Sacks.

Taking up transportation, it is admitted that with sailing vessels comprising the wheat fleet, the long voyage via the Horn and the ships crossing it moved in bulk, and another danger to a cargo was shifting. Now, with the utilization of tramp steamers and the wheat properly loaded, with shifting boards and such precautions, the situation of the last Presibation of the sail and the ships crossing the company is line, and another danger to a cargo was shifting. Now, with the utilization of tramp steamers and the wheat properly loaded, with shifting boards and such precautions, the situation of the last Presibation of the sail and the sail and the last Presibation of the sail and the last Presibation of the sail and the sail and the last Presibation of the sail and the

NAVY MAN GIVES IMPRESSION IT IS SUITABLE FOR SUBMARINES.

for a submarine base, according to the DRYDOCKS ARE BUSY PLANTS estic consumption, for a number of ningham, of the aviation and submarine service, who represented the naval-It would, therefore, seem that Port- base committee here at meetings Satport will not be diminished in the near special reasons why Coos Bay could

egardt where fortifications could be established. While here Captain Cunning-ham also inspected several localities

Idaho in the tidewater tributary terri-tory is about 60,000,000 bushels, with apparently an upward trend. The total varies now from 55,000,000 to 68,000,000 bushels.

"The yield in oats runs about 20,000, 600 bushels a year and barley from

SIX-DAY SCHEDULE ADOPTED

San Francisco & Portland Liners to Make Up for Northwestern.

"Oats and barley have gone into export trade for the last two cereal years more heavily on account of European war demand. Ordinarily, oats move to the Philippines for Government consumption, to California for ford.

Improvement plans for 1917 under consideration by executives of the Harkins Transportation Company connear any Puget Sound city. Within a 150-mile zone of Portland there is produced about 10,000,000 bushels, all absolutely tributary to Portland.

"This fact reveals that Portland has in her exclusive trade territory nearly 20,000,000 bushels of wheat that, under average marketing conditions, must template the construction of an entire

CAPTAIN KRUSE DIES AT KELSO

Master of Steamer Chester Was With Fleet 30 Years.

the present market 11 to 13 cents and the present market 11 to 13 cents. A reason assigned why some do not display enthusiasm regarding bulk handling is the doubt of proper terminal facilities being provided.

The decensed left the steamer Chester, operating on the Cowlitz River, about 10 days ago. He had been ill for some time before giving up his command, and a compilication of allments is said to have resulted. The widow and three

First of Alaska Pacific Fleet to Be Named Oregon.

wheat properly loaded, with shifting Charles E. Hughes in the last Presi-boards and such precautions, the situa-dential campaign, will take the water

expected to be made to Alaska, for which service she is intended, though offers have been made the owners to operate her offshore for one or two voy-

ages, Vladivostok business having been suggested. The first of the Coast motorship fleet Portlanders have inspected is the Sierra, which finished loading her second cargo here last night and left for San Pedro, carrying 1,200,000 feet. She flies the flag of the E. K. Wood Lumber MARSHFIELD, Or., Jan. 8.—(Special.)

Coos Bay can furnish the requisites

or a submarine base seems of the E. K. Wood Lumber Company and has two Bolinder engines of 320-horsepower each. The vessel is and depth of hold of 15 feet.

Steamers Klamath and Michie Vacate St. Johns Pontoons Today.

special reasons why Coos Bay could accommodate the proposed submarine base, but let it be known the machine shops, target opportunities and minor necessities were all adequate.

The most important item of all connected with a submarine base is said Drydocks are among the busiest of waterfront plants at present. The steamer Klamath leaves the St. Johns drydock today, vacating two pontoons, while three others are to be given up by the dredge Col. P. S. Michie. The schooner Honoipu is to be raised there at once. On the Oregon drydock work is going ahead on the steamer Northland, and she is to be placed in the United States Inspectors Edwards and

ports and statements as to the experience of other communities with bulk handling. He points out that Seattle has an elevator of 1,000,000 bushels for a submarine station is its centrally located position, being approximately midway between San Francisco and the Cereal production, the present yield. Cereal production, the present yield and export, Portland's advantage in location and kindred subjects have been dealt with in the bulk handling anal-

YARDS KEPT SPAR BUSY Endresen Plant at Aberdeen Has

oing for some months. He recently shipped a carload of spars-really two cars, for two cars were necessary to carry them, so great was their length—to the Atlantic sea-board. Endresen is now engaged in the preparing of a carload shipment for Canada, and another carload shipof dredge spuds for San Fran-

Aberdeen Loads Windjammers. ABERDEEN, Wash., Jan. 8,-(Spe-

cial.)—Three windjammers now are loading here for foreign ports, and three others, inbound, should arrive this month. The schooners due this this month. eastward in form of flour; about 18,000,000 bushels is kept by the producers for seed, local consumption and feed purposes.

War Demand Noticeable.

The Rose City leaves here on her next voyage January 17 and again January 29, so with the new card in operation they will be allowed 12 days beState is 41 days out from Port Natal. month are the Erie, from San Fran-cisco; the Retriever, 82 days out from Adelaide, and the Resolute, 69 days out

DUE TO ARRIVE Name From Data
A Kilburn San Francisco Jan 10
Northern Pacific San Francisco Jan 10
Beaver Los Angeles Jan 20
Breakwater San Francisco Jan 11
Rose City Los Angeles Jan 15 Due To Depart.

Name. For Date.

Harvard. S.F. for L.A.-S.D. Jan. 10

Waparna San Diego Jan. 11

Northern Pacific. San Francisco. Jan. 11

Klarnath San Diego Jan. 11

Klarnath San Pancisco. Jan. 11

Yale S.F. for L.A.-S.D. Jan. 12

Breakwater San Francisco. Jan. 12

Breakwater Los Angeles Jan. 13

Rose City. Los Angeles Jan. 17 DUE TO DEPART.

Pacific Coast Shipping Notes.

Pacific Coast Shipping Notes.

COOS BAY, Jan. 8.— (Special.) — The steam schooner Hardy arrived from San Francisco this morning at 6:30 and discharged freight during the day.

Arriving today at 10:30, the ateam schooner Newberg loaded a lumber cargo at the North Bend Mill & Lumber Company docks, for transportation to San Francisco.

The steam schooner Yellowstone failed to complete loading and is delayed from salling until tomorrow forenoon.

The gasoline schooner Koamer is safe in the harbor at Rogue River, after being on the sandspit two days. The lines holding the Goamer parted on Saturday night and the crew started the engines, floating the craft, which, after short maneuvering, sailed inside. The total damage to the cargo was wetting of less than 100 sacks of feed.

ASTORIA, Or., Jan. S.—(Special.)—A thick

ASTORIA, Or., Jan. 8.—(Special.)—A thick tog that has enveloped the mouth of the river all day has seriously interfered with the movement of vessels.

The steam schooner Daisy Putnam, lumber laden, from Knappton and Rainier, for San Francisco, went to the lower harbor, but at last reports had not crossed out. The steam schooner Norwood, en route to Portland to load grain, and the steam schooner Norwood, en route to Be the mouth of the river, awaiting an opportunity to cross in.

The steam schooner Wapama, en route from San Francisco to load lumber, are reported to be off the mouth of the river, awaiting an opportunity to cross in.

The steam schooner Wapama, en route from San Francisco to load lumber at St. Helens, will be due off the mouth of the river at midnight, but will probably not cross in before morning.

SEATTLE, Wash, Jan. 8.—(Special.)—Bringing a full cargo from the Orient, the steams shintsu Maru, of the Wsterhouse

Vancouver, B. C.
Other arrivals today were the steamer President, from San Francisco and Southern California, with freight and passengers: the steamer Capt. A. F. Lucas, from San Francisco via Vancouver, at 4:45 P. M.; the steam schooner Nome City, from San Francisco, with general cargo, and the steamer Mukilteo, from San Francisco, also with cargo for this port at 3 P. M.

The Mukilteo will load lumber at Mukilteo for return, and also tow the barge Big Bonanza south lumber laden.

Departures today included the steamer Cmatilla, for San Francisco, with freight at 4:15 P. M.; the schooner Stimson, for Honolulu, in tow of the tug Tillicum at 10:30 A. M., and the steamer Stanley Dollar, for Southeastern and Southwestern Alaska via Nacaimo, B. C. The Stanley Dollar will load 1500 tons of coal at Nanaimo for Alaskan ports.

GRAYS HARBOR, Wash., Jan. 8.—(Special.)—The steamer Helene arrived and is loading at the Aberdeen Lumber and Shingle Mill.

The steamer Oregon cleared last night of the last voyage from Grays Harbor for Southern California. She has been leased for Guif Coast trade and will go through the canal after discharging her lumber cargo in the South.

The steamers Solano, Daisy Freeman and Willamette cleared.

Marine Notes.

Being a day later than expected leaving San Francisco, the North Pacific steamer San Francisco San Francisco, the North Pacific steamer

Being a day later than expected leaving San Francisco, the North Pacific steamer F. A. Kilburn is due to sail from here to-

morrow.

Towed by the Port of Portland tug Wallula, the hull of the steamer Wahkeenah went from St. Helons to Astoria yesterday. The hull is leaded with lumber, and will be towed to San Francisco by the steamer Williamette, her machinery being installed in the South.

Inepector Warrack, of the 17th lighthouse district, left lagt night for Washington, D. C., to attend the annual meeting of inspectors of all districts, which convenes next week.

United States Inspectors Edwards and Wynn yesterday investigated the case of the steamer Klamath, the talishaft of which was broken off Cape Arago January I, and it will go down in the annals of the service with other unavoidable accidents.

Admiral Farragut, Seattle for San Francisco 100 miles from San, Francisco, 8 P. M., January 8.

CAPE BLANCO, Or., Jan, 8.—Tatoosh towing barge Acapulco, San Francisco for Seattle, off Cape Blanco, 8 P. M.

Movements of Vessels.

PORTLAND, Jan. 8.—Sailed.—Hull Wah-teenah, for San Francisco,

Orders for Months Ahead.

ABERDEEN, Wash., Jan. 8.—(Special)—Twenty-two workmen have been kept constantly busy during the past year at the Endresen sparyards making spare for the scores of shipyards of the Pacific Coast. Atiantic Coast and Great Lakes. The business continues to be a prosperous one, and Endresen has enough orders to keep his yards going for some months.

SAN FRANCISCO, Jan. 8.—Arrived at 2.30 A. M., steamer Tiverion, from Columbia River, at 7 A. M., steamer Breakwater, from Portland, River. Sailed at 2 P. M., steamer Santa Monica, for Columbia River, January T.—Arrived at 2.50 A. M., steamer Tiverion, from Columbia River, at 7 A. M., steamer La Primera, from Portland: at 1 P. M., steamer La Primera, from Portland. Sailed at 2 P. M., steamer Santa Monica, for Columbia River, January T.—Arrived at 3.50 A. M., steamer Tiverion, from Columbia River, at 7 A. M., steamer Breakwater, from A. M., steamer La Primera, from Portland: at 1 P. M., steamer La Primera, from Portland: at 1 P. M., steamer Johan Poulsen, from Columbia River, Sailed at 2 P. M., steamer Columbia River, Sailed at 2 P. M., steamer Grand Formation Columbia River, Sailed at 2 P. M., steamer Grand Formation Columbia River, Sailed at 2 P. M., steamer Grand Formation Columbia River, Sailed at 2 P. M., steamer Grand Formation Columbia River, Sailed at 2 P. M., steamer La Primera, from Portland: A. M., steamer La Primera,

SAN FRANCISCO, Jan. 8. — Arrived — Sans Francisco, Jan. 8. — Arrived — Stamers Tiverton and Johan Poulsen, from Astoria; Fair Haven, from Mazatian; Quinault, from Willapa; Breakwater, from Portland; Oleum, from Seattle; Siberia Maru (Japanese), from Hongkong; La Primera, John Charles, from Portland; Admiral Goodrich, from Nanalmo; Walhemo (British), from Victoria, Salled — Steamers San Jacinto, for Grays Harbor; Santa Monica, for Columbia River; Brooklyn, for Bandon.

SEATTLE, Jan. 8.—Arrived—Steamers President, from San Diego; Captain A. F. Lucas, Mukilteo, Nome City, from San Fran-cisco; Shinisu Maru, from Kobe; Morning Star, Vancouver, B. C. Salled—Steamers Umatilla, for San Francisco; Stanley Dollar, for Vancouver, B. C.; schooner Stimson, for Vancouver, B. C.; schooner Stimson, for

SAN PEDRO, Jan. T .- Arrived -- Steamer Santiam, from Columbia River,

Marconi Wireless Reports.

Marconi Wireless Reports.

(All positions reported at 8 P. M. January 8. unless otherwise designated.)

Coronado. Aberdeen for San Francisco. 382 miles north of San Francisco. San Francisco. 64 miles south of Biance.

Grace Dollar, San Francisco for Portland. 252 miles north of San Francisco. 252 miles north of San Francisco. 253 miles north of San Francisco. 254 miles north of San Francisco. 254 miles north of San Francisco. 340 miles north of Arena. 340 miles north of San Francisco. 340 miles from San Francisco. 340 miles from

CHICAGO

\$72.50

UNION PACIFIC SYSTEM

ON SALE January 20 and 21. Return limited to February 18. Stopovers allowed en route, both ways, within limit.

Wm. McMurray, General Passenger Agt.



AMUSEMENTS.

THE ALCAZAR PLAYERS All This Week-Mats, Wed., Sat. Edgar Selwyn's

Rolling Stones

Otheum A 5555 VAUDEVILLE AT HEILIG THEATER EVERY SUN Phyllis Neilson-Terry Burdeila Patterson, John and Winnie Heonings, Irwin and Henry, Flying Henrys, Travel Weekly, Orchestra. MON TUES MILT DONAHUE & STEWART WED MATINEE DAILY-10 -- 25 -- 50 -NIGHTS -10"-25"-50"-75"

The Musical Triumph of 1917,
THE MILITARY OCTETTE,
Offering the World's Musical Gems,
6—QTHER BIG ACTS—6
Boxes and loges reserved by phone,
Curtain 2:30, 7 and 5.

Coast: It is warmer in practically all other sections of the country.

The conditions are favorable for occasional rain Tuesday in Western Oregon and Washington, occasional rain or snow flurries in Novthern Idaho and partiy cloudy weather in Southern Idaho, Temperature changes will be slight and winds will be mostly southerly.

FORECASTS Portland and vicinity—Occasional rain; outherly winds. Oregon—Occasional rain west, occasional ain or snow flurries east portion; winds nostly southerly.

Washington—Occasional rain; generally

TOO LATE TO CLASSIFY. WM. FARNUM IN
"THE PRICE OF SILENCE,"
TODAY.
MAJESTIC THEATER.
WASH AT PARK MAT, 10c; EVE., 15c.

AUCTION BALES TODAY, At Baker's Auction House, Yambili and W. Park sts. Mahogany furniture, etc. Sale at 10 A. M.

MEETING NOTICES. STATED CONCLAVE or Washington Commandery, No. 15, Tuesday evening at 7:20

Illustrated lecture on the European war and the inva-sion of Beigium by Brother Earl B. Morrow. All members of the Masonic fraternity are ROBERT MARTYN, Recorder. B. P. O. ELKS, NO. 142—

Members are requested to meet at the undertaking parlors of J. P. Finley & Son this (Tuesday) afternoon at 2:30 o'clock to conduct the funeral services over the remains of our late brother, alex Sinshelmer, Visiting brethren invited to attend.

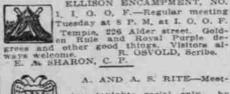
By order of the E. R.

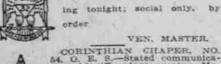
M. R. SPAULDING, Secretary.

HAWTHORNE LODGE, NO.
III, A. F. AND A. M.—Special communication this (Tuesday) evening at 7:20. Work in the E. A. degree, which the E. A. degree, which to attend. A special invitation is given to all E. A. Masons.

C. E. MILLER, Secretary.

IMPERIAL LODGE, NO. 159,
A. F. AND A. M.—Stated communication Tuesday evening at 7:30 o'clock, January 9, 1917.
A specially prepared programme and discussion of topof particular interest to the brothren. Let's have a good turn-tors welcome. Let's have a good turn-tors welcome. Let's have a good turn-tors welcome. ELLISON ENCAMPMENT, NO





CORINTHIAN CHAPER, NO. 54. O. E. S.—Stated communication this (Tuesday) evening. Masonic Temple, 8 o'clock. By order W. M...
HENRIETTA, M.CABE, Secretary. EMBLEM Jewelry, buttons, charms, pins New designs, Jaeger Bros., 131-3 Sixth st. PRIEDLANDER'S, Jewelers, for Emblems Class Pins and Presentation Medals, Design and estimates furnished free, 316 Wash.

PORTLAND MARBLE WORKS, 264-266 4th at., opposite City Hall, Main 8564. Philip Neu & Sons for memorials. THE AT MADISON STREET

GARWIN—In this city, January 8, at the residence of his son, 4620 Seventy-first street Southeast, William J. Garvin, aged SI years 8 months 4 days. Deceased is survived by a widow, Mrs. Maritia Garvin, and five sons, C. C. Garvin, Clay Center, Neb.; A. N. Garvin, Grand Island, Neb.; O. M. Garvin, of Portland; also two daughters. Mrs. A. L. Holt, Kansas City, Mo.; Mrs. Devern G. Wilkinson, Superior, Mont. Deceased was a member of Harrison Post, G. A. R., Central Point, Or. Remains are at the patiors of the Skewes Undertaking Company, corner Third and Clay, Funeral notice later.

MOY—In this city, Jan. 7, Bow Wing Moy, aged 34 years, beloved husband of May Moy, son of Moy Back Hin, brother of Chuck Wing, Mathew K., James K., Edward K., Bearl and Helen Moy. Remains at Holman's pariors. Funeral announcement later.

IVEY—At Milwaukie, Or., Jan. 8, Walter C.

VEY - At Milwaukle, Or., Jan. 8, Walter C. Ivey, aged Si years, brother of Mrs. J. Weston Hall, of 776 E. 33d st. N. The remains are at the residence establishment of J. P. Finley & Son, Montgomery at 5th.

WHEELER-In this city, Jan. 8, at his late residence, 500 E. 18th at N., Isane B. Wheeler, aged 81 years. The remains are at the residence establishment of J. P. Finley & Son, Montgomery at 5th. Notice of funeral hereafter. WALACE—In this city, January 7, George Walace, age 84 years, Remains at parfors of F. S. Dunning, Inc., East Side Funeral Directors, Announcement of funeral in a later issure.

FUNERAL NOTICES.

FUNERAL NOTICES.

KROLL—At the residence, 475 Twenty-third street North, January 7, Albert Kroll, age 60 years, beloved husband of Bertha Kroll, father of Richard, Emil and George Kroll, all of this city; Mrs. Harley Gustin, of Hood River, Or; Hugo Kroll, of Mew York; brother of August Kroll, of New York; brother of August Kroll, of Herman Schiller, Kroll was a member of Herman Schiller, Kroll was a member of Herman Schiller, Lodge, No. 3, and Knights and Laddes of Security, Euroka Council, No. 204. Funeral services will be held at the above residence tomorrow (Wednesday), January 10, at 2 P. M. Remains will, be entombed in the Riverview Abbey, Portlend mausoleum, Arrangements are in care of Miller & Tracey.

HEERLY-In this etty, January 7, Michael

EFFRY—In this city, January T, Michael Heery, ago S6 years, beloved father of Mrs. Lirzie Hetzel and Mrs. Frank Sell, of Banks, Or. He was a gold miner in Smartsville, Fuba County, Cal., for 28 years. Funeral services will be held from Immaculate Heart of Mary Church, corper of Stanton street and Williams avenue, tomorrow (Wednesday), Jan. 10, at 9 A. M. Friends are invited. Interment Mount Calvary Cemetery. Remains are at A. R. Zeller Co.'s pariors. San Francisco papers please copy.

ONES—in this city, Jan. 7, Ellin K. Jones.

LARSON—In this city, Jan. 8, at her late residence, 519 N. 24th st. Arnanda Larson, aged 47 years, wife of Leuis Larson. The funeral services will be held tomorrow (Wednenday), Jan. 10, at 11 o'clock A. M., at the residence establishment of J. P. Finley & Son, Montgomery at 5th st. Friends invited. Interment at Rose City Cometery. Cemetery.

MEIER—Jan. 8, 588 Union ave. N. Lloyd A.
Meier age 26 Years, beloved son of Mr.
and Mrs. J. A. Meier and brother of
Harry Meior. Funeral services will be held
from the P-triand Crematorium, Seliwood,
today (Tuesday), Jan. 9, at 2:50 P. M.
Friends invited. Remains at A. R. Zeller
Co. parlors until 11.

Co. parlors until 1i,

BIRREL—At Hillsdale, Or., Jan. 7, George
G. Birrel, agred 70 years. The funeral
services will be heid today (Tuesday) at
I o'clock P. M., at the residence estallishment of J. P. Finley & Son. Montgomery at 5th. Friends invited. Interment
at Riverview Cemetery.

PASCOE—January 6, Arthur E. Pascoe,
aged 41 years, brother of Mrs. Mary A.
Antheny, of Denver, Colo. Funeral servlees will be held at Dunning & McEntee's
chappel Wedsesday, January 10, at 2 P. M.
Friends invited. Interment Rose City
Cemetery.

Cemetery.

SINSHEIMER—The funeral services of the late Alex H. Sinsheimer will be held today (Tuesday) at 2.50 o'clock P. M., at the residence establishment of J. P. Finley & Son. Montgomery at 5th. Friends invited Services at Portland Crematorium private. COX-The funeral services of the late Clifford L. Cox will be held today (Tuesday) at 10 o'clock A. M., at the residence establishment of J. P. Finley & Sou, Montgomery at 5th. Friends invited. Interment at Rose City Cemetery.

LACHERD—January 7, Jennie Hello Lach-erd aged 41 years. Funeral services will be held at Dunning & McEntee's chapel today (Tuesday) at 2 P. M. Friends in-vited.

PUNERAL DIRECTORS.

EDWARD HOLMAN CO. ESTABLISHED 1877 RELIABLE

FUNERAL DIRECTORS Lady Assistant Third and Salmon Streets Main 507, A 1511

FUNERAL SERVICES FOR LESS MILLER & TRACEY Independent Funeral Directors,
Lady Assistant,
Wash, at Ella St., Bet. 20th and 21st.
Main 2691, A 7885, West Side.

J. P. FINLEY & SON. Progressive Funeral Directors. DUNNING & M'ENTEE, funeral directors, Broadway and Pine street. Phone Broad-way 430. A 4558, Lady attendant.

F. S. DUNNING, INC.,
East Side Funeral Directors,
414 East Addt siret. East 52. B 2528.

A. H. ZELLER & CO. 592 WILLIAMS AVE.
East 1088. C 1988. Lady attendant. SKEWES UNDERTAKING COMPANY, 3d and Clay, M'n 4102, A 2021, Lady attendant MR. AND MRS. W. H. HAMILTON-Fu eral (ervice, E. 80th and Glisan, Tab. 4313 ERICSON Residence Undertaking Pariors, 12th and Morrison sts. Main 6183, A 2285. P. L. LERCH, East 11th and Clay streets. Lady attendant. East 181, B 1888. BREEZE & SNOOK 1026 Belmo

CREMATORIUMS. MOUNT SCOTT PARK Cemetery and Crematorium Tabor 1468. D 61.

FLORISTS. MARTIN & FORBES CO., Florists, 354
Washington, Main 269, A 1269. Flowers
for all occasions artistically arranged.
CLARKE BROS, Florists, 287 Morrison st.
Main or A 1805, Fine flowers and floral
designs. No branch stores. MAX M. SMITH, Main 7215, A 2121. Selling big., 6th and Aider sts. TONSETH FLORAL CO., 285 Washington st., between 4th and 5th, Main 5102, A 1101

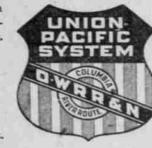
MAUSOLEUM,

THE BETTER WAY" Softens the blow and removes the sting when death strikes.

RIVER VIEW ABBEY MAUSOLEUM

Pertninus Riverview Cartine, Taylor's Ferry Road, For particulars inquire

PORTLAND MAUSOLEUM COMPANY



"Under the present system and constitutions. Portland has been getting hout one-half of the wheat going to tidewater points. Portland's export of wheat along a distinguished from flour, has at times gone nearly twice as high sack wheat sport government. The system and the present system and constitutions of the steamer system and constitutions. The system are stated to tidewater points. Portland's export government. The system are stated to the company system and the wheat going to tidewater points. Portland's export government. The system are stated to the company system and the wheat going to tidewater points. Portland's export government. The system are stated to the company system and the wheat going to tidewater points. Portland's export government. The system are stated to the state of the state and the system are stated to the state of the state and the system are stated to the state of the state and the state of the

U. S. Naval Radio Reports.

NORTH HEAD, Wash., Jan. 8.—(Special.)—Alameda, for Seattle, 588 miles from Caps-factory, noon, January 7. Juneau, Seattle for Seward, at Cordova, noon, January 7. Admiral Watson, anchored off Cordova dock, noon, January 7. Mariposa, discharging at Cordova, 8 P. M., January 7. SAN DIEGO, Cal., Jan. 8.—(Special.)—Saturn, southbound, passed Point Loma, P. M., January S. Steamer Providencia Santa Rosalla for San Francisco, 690 miles south of San Francisco, 8 P. M., January 7

SAN PRANCISCO, Cal., Jan. 8.—Arrivals
—Annapolis, from Lapaz Departures—Albany northbound, passed Tatoceh 10:35 A.
M. January 8; McOulioch, northbound, off
Cape Mendocino, 8 A. M., January 8; Farragut, San Diego for San Pedro, January 8;
Admiral Farragut, Seattle for San Francisco,
100 miles from San Francisco, 8 P. M., January 8;

Tides at Astoria Tuesday. -High. Low. 1:59 A. M....7.5 feet | 7.47 A. M....3.6 feet 1:14 P. M....8.9 feet | 8:22 P. M....0.0 feet Vessels Entered Yesterday.

Vessels Cleared Yesterday.

American motor-schooner Sierra, 1,200,00 feet lumber, for San Pedro.

DAILY METEOROLOGICAL REPORT. PORTLAND, Jan. 8.—Maximum temperature, 48 degrees; minimum, 42 degrees. River
reading. 8 A. M. 6.5 feet; change in last 24
hours. 0.2 inch fail. Total rainfall (5 P. M.
to 5 P. M.), trace; total rainfall since September 1, 1916, 18.12 inches; normal rainfall
since September 1, 21.23 inches; deficiency
of rainfall since September 1, 8.11 inches.
Total sunshine, none; possible sunshine, 8
hours 54 minutes. Barometer (reduced to
sea jevel) 5 P. M. 30.57 inches. Relative
humidity at noon, 79 per cent.

THE WEATHER PORTLAND, Jan. 8 .- Maximum tempera

THE WEATHER

	STATIONS.	ım temp	tation 24 hours	********	etion	Weather
	Baker	34 44 45	0.00	18	s sw	Pt, cloudy Cloudy Cloudy Clear
	Chicago	48	0.00	24 10 14	W	Cloudy Cloudy Clear
	Eureks	70	0.00		SW SW	Cloudy Clear Cloudy Clear
	Kansas City Los Angeles Marshfield Medford	61 56 56	9.00 0.00 0.00 0.00		NW NW	Clear Pt. cloudy Cloudy Cloudy Cloudy
26 20	Minneapolis Montreal New Orleans New York	31 68 44	0.00	24	SW SW	Cloudy Clear Clear Rain
	North Head North Yakima Omaha Phoenix Pocatello	347	8 0.00 8 0.00 8 0.00		NE	Pt. cloudy
0	Portland Roseburg Sacramento St. Louis	445	8 0 . 00 2 0 . 00 8 0 . 00	0	18	Misting Pt. cloudy Pt. cloudy Clear
100	Sait Lake San Francisco Seattle Spokane	2044	5 0.00 5 0.00 2 0.00		SE S SW	Pt. cloudy Clear Cloudy Cloudy
5 3	Tatoosh Island Walla Walla Washington	450	5 0.00 5 2.02 4 0.00 2 0.00		Sw Sw	Rain
e.	Wneipeg	1 -	014.00	17.4.0	(ARCH	F CNOUNTER TO

Everyone Needs a Tonic to Withstand the Rigors of Winter A Few Bottles of S. S. S. Will | The rigors of Winter are unusually

Thoroughly Tone Up the

severe on the average system, and it is just now that assistance is needed