HENDERSON STEERED Company. The latter company will us the vessel in freighting between and ket on the steamer form the departs depart and ket on the steamer Major Guy Howard was laid up to the steamer Major Guy Howard was laid up tot the steamer formance will continue to Willapa to the steamer formance will continue to the steamer formance will continue to the steamer formance will continue to go to the port at the port steamer formance will continue to the steamer formance will continue to go to the steamer formance will continue to go to the steamer formance will continue to go to the port at the port steamer formance will continue to go to the port at the port steamer formance will continue to the steamer formance will continue to go to the steamer formance will be the port steamer formance wille be to the por OREGON-Steamer Adopts New Device After Official Test. LOCAL MAN IS INVENTOR WASHINGTON Stern-Wheeler Maneuvers in Gale With Party of Experts Aboard. Navy May Try Mechanism. new departure in mechanical SEATTLE Wash, Nov. 11.—(Special.) The European-Pacific lines steamer West mark arrived at the Du Bois mill, Van-couver, aviil move to Tacoma next week and then come to Seattle to com-plets her cargo for the orient. She will sail for Yokohama on November 20 from plet 6. After her annual overhaul and repair-Ing, the steamship Deuel shifted from the Todd drydock today to the east waterway dock to take on cargo. The vessel is a shipping board carrier, operated by Struth-ers & Dizon The Pacific Stamship company vessel Admiral Evans was due in port Thursday on her last trip from Alaska for some time. She is scheduled to sail for Call-fornia on Sunday, where she will enter the Mexican coast service. Spinner hered west carding for the steamer Multhomah, for Statemer destarts on the steam for the steamer Multhomah, for Statemer destarts on the steam for the steamer Multhomah, for Statemer destarts on the steam for the steamer function on the steamer the steamer functio stearing gear for steam or motor vessels, consisting of a device for controlling the rudder by air pressure instead of by steam, as is the present general practice, passed a satisfac-tory official test yesterday on the river steam Henderson of the Shaver tory official test yesterday on the river steam Henderson of the Shaver Transportation company's fleet. The invention of a Portiand man. Peter A. Johnson, foreman in charge of main tenance work for the G. M. Standifer Construction corporation, and it has been patented by him. The gear was installed in the

Construction corporation, and it has been patented by him. The gear was installed in the steamer Henderson two months ago, and she has been operating with it since that time, while minor aitera-tions and adjustments were made to adapt it to the stern-wheel type of steamer, which has six rudders in place of the single one carried by ocean-going vessels. The official test run was made yes-terday with a party of experts aboard who were unanlmous in their ap-proval of the device. The party con-sisted of Captain John K. Bulger, supervising inspector for the United States steamboat inspection service;

States steamboat inspection service; A. H. Bryant of the American bureau of shipping; E. F. Wentworth of the of shipping; E. F. Wentworth of the New York Air Brake company; Alex Hyde, ex-inspector for the emergency fleet corporation; F. E. Hogan, super-intendent of installation for the Stan-difer company; Captain W. C. York, port superintendent for the Pacific Steamship company; A. J. Wolff of the Portland Iron Works; Captain H. F. Astrup and Charles McDonald, assistant United States steamboat in-spectors; George Chalmers, marine inspector for Haowien, Owens & Rent-chaler of Hamilton, O., and Captains F. W. and George M. Shaver of the Shaver Transportation company. Steamer Maneuvers in Wind.

Steamer Maneuvers in Wind.

From the Shaver dock, the Hender-ton proceeded to the mouth of the Willamette river, where she maneu-

of the pneumatic steering gear is its extreme simplicity. The vital parts of the mechanism consist only of an air compressor, pipe lines and a pair of steel cylinders which contain pis-tons connected diffectly with a trans-tons connected diffectly with a transverse arm immovably fixed to the rudder stock. By the movement of a small hand lever in the pilot house, air under pressure is admitted to the cylinders, pressing on the forward and of one piston and the after end end of one piston and the after end of the other at the same time, so that the rudder is quickly brought to any desired position. Going full speed astern, the Henderson's rudders were brought from hard aport to hard astarboard in nine seconds. The in-ventor claims for his device that with a pressure of 130 pounds in the com-pressor a force of 240 tons can be ap-plied to the steering gear.

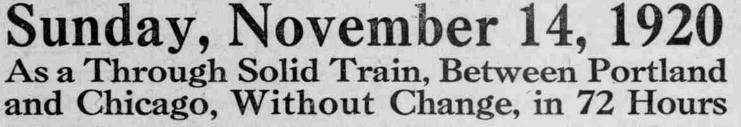
SAN PEDRO, Cal., Nov. 11.—(Special.)— Activities on the waterfront were suspend-ed today owing to the fact that it was a legal holiday. Cargo was not discharged from steamers except such as were com-pelled to keep their schedules. The day was observed generally. VANCOUVER, B. C., Nov. 11.—(Special.) VANCOUVER, B. C., Nov. 11.—(Special.)

VLADIVOSTOK, Nov. 8. - Arrived - West Jena, from Manila, etc., for Seattle.

KOBE, Nov. 7 .- Salled-West Momen-

Ship Reports by Radio.

IMITE RESTORED **Union-Pacific System**



-Composite Observation Cars, Standard Drawing Room Sleeping Cars, Tourist Sleeping Cars, Reclining Chair Cars and Dining Car Service between Portland and EQUIPMENT TRAINS Chicago. 17 AND 18

Standard Drawing Room Sleeping Cars between Portland and Denver, also between Portland and Salt Lake City. Barber and valet service en route.

Other Changes in Train Service

CONTINENTAL LIMITED-Trains 4 and 19

Between Portland and Omaha

Standard Sleeping Cars and Tourist Sleeping Cars between Portland and Chicago, between Portland and Kansas City, also between Portland and Denver. Dining Car service. Chair Cars.

NEW TRAINS 23 and 24-

EQUIPMENT

Between Portland and Salt Lake City EQUIPMENT

Standard Sleeping Cars between Portland and Salt Lake City, between Portland and Pendleton, between Portland and La Grande. Chair cars and coaches.

Train service between Portland and Spokane remains unchanged, except that No. 11 will leave Spokane 9:15 P. M. instead of 9 P. M. Arrive Portland 8:15 A. M.

ters at Close of Season. TACOMA, Wash., Nov. 11. - (Spe-

Elkhorn to Load Lumber.

From the Shaver dock, the Hender-son proceeded to the mouth of the Willamette river, where she maneu-vered in the face of an east wind blowing 25 miles an hour, and then returned to her dock. Captain Bulger characterized the device as "the party fect steering gear," and the others of the party were equally enthusiastic. One of the most attractive features of the pneumatic steering gear is its take 1,800,000 feet of lumber at the DuBois mill at Vancouver, Wash.

Waterfront Union to Meet.

Many Portland shipping men left yesterday afternoon for Victoria, B. C., where a meeting of the Northwest Waterfront Employers' union will be held Saturday. Among those leaving were Frank J. O'Connor, agent of the Admiral line and president of the Portland branch of the employers' union; J. F. Ambrose, Captain Frank Sweet, W. D. Wells and J. V. Mason.

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refused to pay even \$1000 for the expense of a trip to Washington.

Wright is regarded as a multimillionaire. He is said to have made much money during the war in building Ferris-type ships at his yards is here. He was at one time mayor of Tacoma and is interested in many lines of business.

REPAIR JOB COSTS \$10,000

Motor Freighter Washington Is Practically Rebuilt.

TACOMA, Wash., Nov. 11. - (Spe-elal)-When the motor freighter Washington left Tacoma after being robulit at the Skansle Brother's yard, at Gig harbor, it marked the finish of the largest piece of marine repair, work that the boat builders of the latter town have even had. It was estimated that the work of fitting out the Washington and the work of fitting out estimated that the work had. It was the Washington cost \$10.000. A rep-resentative of the New England Fish company, owners of the Washington. declared the work was highly said

declared the work was highly satis-factory. Prior to being launched by the New England Fish company, the Washing-ton was operated on the Sound in freighting. She was purchased by Fred Marvin, some time ago, and he in turn sold it to the New England

is operated by the Pacific Steamship company and is expected to return to the orient.
The Havilah, which was to have loaded a cargo of grain here for Europe has been held up and the cars taken by the Endiott due here Monday. This is the first of three steamers listed for Tacoma loading this month in the wheat expert trade. The Phyliks arrived this moraling from San Francisco and is loading lumber at load in this for San Pedro.
The Santa Rita, with bargs W J. Pirfle in tow, is having more difficulty coming up the coast than she expected, she was due at the Tacoma smelter, but last night she was only 505 miles north of San Francisco and it is expected she will not arrive until the last of the kongshoremen's union, for re-election as port commissioner, have practically all been signed and will be filed with the county auditor before saturday, the time limit. At yet, no one has come out to oppose Kloss, who has been a member since the creation of the prot district here.
With about 4000 tons of Tacoma-made products en board, the Matson here Hollywood was expected to clear from the Pratt tock Thursday afternoon. The vessel will take on fuel oil and then go to Mukilteo for a deck load of lumber. She is scheduled to call for Hawall November 13.

Port Calendar. To Arrive at Portland. From Nehalem Wellings Edna D. Freeman. Rose City

Lake Filbert. Cane Henry. Moerdyk Eldorado Oregonian

Vessels in Port.

Aniwerp New Orleans

Bie is due November 20 to load outward freight. With 1800 tons of Keinecott ore of va-rious grades, the steamer Northwestern ar-rived at the smelter early today. The F. S. Loop was also expected in with 450 tons of Sheiby ore from California. The big steamer Hawaiian of the Amer-ican-Hawaiian fine, which links the multi-million dollar Havriman shipping interests with those of the Tacona sound, is ex-pected here in a few days. The vessel has just come around from New York via the Panama canal. She was expected at Seattle late. After discharging there she with 110,000 feet of lumber, flour, and general meruhandise, the new steamship Joptha was expected to clear from the Northern Pacific oriental dock for Peru and Chile about Friday. She will stop at San Pedro en route. The vessel is operated by the General Stoamship company. Mathine Notes. To Depart From Portland. For Philadelphia Japan San Fran

 Standard Oil dock.
 Inman Poulsen mill.
 St. Helens.
 Fortland Lbr. Co.
 Terminal No. 4.
 Du Bois mill. Matine Notes,

The schooner Meteor, chartered by Bal-four, Guthrie & Co. to carry lumber from

d by

America.) Positions reported at 8 P. M. yesterday, unless otherwise indicated, were as follows: REDWOOD, San Pedro for San Fran-cisco. 133 miles south of San Francisco. deco, 133 miles south of San Francisco. BEARPORT, Philadeiphia for San Fran-isco, 220 miles from San Francisco. WEST APAUM, San Pedro for San Fran-deco, 50 miles north of San Pedro at noon, PORTER, Gaviota for Everett, 581 miles from Gaviota.

MEST MAHWAH, Bellingham for San Trancisco, 62 miles northwest of Cape

Francisco, 62 miles northwest of Cape
 Francisco, 62 miles northwest of Cape
 ADMIRAL SCHLEY, Seattle for San
 Francisco, 158 miles from San Francisco.
 C. A. SMITH, San Francisco for Coos
 Bay, 320 miles north of San Francisco.
 SISKIYOU, San Pedro for Bellingham.
 BERNIS San Francisco for Tacoma,
 BRAVE COUER, San Francisco for Tacoma,
 BRAVE COUER, San Francisco for Tacoma,
 Miles north of San Francisco for Tacoma,
 Miles from San Francisco for Tacoma,
 MILHELMINA, Honolulu for San Francisco November 10, 8 P. M.
 HAWAIIAN, latitude 47:16 north, longing the 12533, west bound, New York to Seattle, November 11 & t noon.
 GEORGIANA ROLPHS, Portland for San
 Pedro, eight miles south of Columbia fiver.

Pedro, eight miles south of Columbia river. BERNEST H. MEYER, Grays Harbor for San Pedro, 60 miles south of Grays Har-bor. LYMAN STEWART, San Luis for Van-couver, 255 miles from Vancouver. ANNETTE ROLPHS, Tacoma for San Pedro, 200 miles from Tacoma. ATLAS, San Pedro for Point Wells, 250 miles from Point Wells. GRIFFDU, towing barrs HENRY VIL-LARD, San Francisco for Bellingham, 15 miles north of Cape Mears. NILS, Kobe for Vancouver, 770 miles from Flattery November 10, 8 P. M. SPOKANE, northbound, 108 miles north of Scattle.

from Flattery November 10, 8 P. M.
SPOKANE, northbound, 108 miles north
of Seattle.
ADMIRAL RODMAN. southbound, in
Active Pass, at 7:30 P. M.
WILHELMINA, Henolulu for San Francisco
vember 10, 8 P. M.
FOREST RING, Seattle for Callao, 85
FOREST RING, Seattle for Callao, 85
PROVIDENCIA, Port Angelés for San
Francisco, 90 miles from San Francisco.
DERBYLINE, Manila for San Francisco.
MANOA, San Francisco.
DRAKE, Wilbridge for San. Pedro, 570
miles from San Francisco.
DRAKE, Wilbridge for San. Pedro, 570
miles from San Pedro.
QUABRIN, San Pedro for Honolulu, 714
miles from San Pedro.
QUABRIN, San Pedro for San Francisco
MIRAL GOODRICH, Eureka for San
Pedro, 253 miles from Humboldt bar.
ADMIRAL MICHELSON, San Francisco
FRESIDENT, San Francisco for Portland,
Miles north of San Francisco.
ROSE CITT, San Francisco for Portland,
MIRAL MICHELSON, San Francisco,
ROSE CITT, San Francisco for Portland,
Miles north of San Francisco.
MROMIRAL MONA, San Francisco for Mose 23 miles from San Francisco,
MANDA, San Francisco for Portland,
MIES MOND, towing barge 96, San Pedro for Sant Francisco,
MAST CARMONA, San Francisco for Manila, 1002 miles from San Francisco at
F. M. November 10.
LAVADA, San Francisco for New York
Via Fanama, 165 miles south of San Francisco,
W. S. PORTER, Gaviota for Everett,

W. S. PORTER, Gaviota for Everett

schools

W. S. PORTER, Gaviota for Everett, 581 miles from Gaviota. FRANK H. BUCK, Willbridge for Mar-tinez, anchored off Alcatraz. W. F. HERRIN, Monterey for Portland, 198 miles from Monterey.

DAILY METEOBOLOGICAL REPORT.

PORTLAND, Nov. 11.—Maximum tem-perature, 45 degrees; minimum, 42 degrees; River reading at 8 A. M., 3.9 feet; change in last 24 hours, 0.4 foot rine. Total rain-fail (5 P. M. to 5 P. M.), none; total rainfail since September 1, 1920, 8 inches; normal rainfail since September 1, 7.76 inches; excess of rainfail since September 1, 1920, 0.24 inch. Sunrise, 7.66 A. M.; sunset, 4:44 P. M. Total sunshine, 8 hours 33 minutes; persole sunshine, 9 hours 35 minutes; persole sunshine, 8 hours 34 per cent; at 5 P. M., 35 per cent. FORECASTS.

FORECASTS. Portland and vicinity-Rain; easterly

inds. Oregon-Rain in west portion; rain or now in east; fresh casterly winds. Washington-Fair; fresh casterly winds. EDWARD L, WELLS, Mctorologist, were bound with paper covers

EAST BOUND		CONDENSED SCHEDULE			WEST BOUND	
NO. 24	NO. 4	NO. 18		NO. 17	NO. 19	NO. 23
1:00 P. M. 2:55 A. M.	5:00 P. M. 7:20 P. M.		LvAr. LvHood River	7:30 P. M. 5:15 P. M.	8:30 A. M. 6:10 A. M.	7:30 A. M. 4:40 A. M.
1:40 A. M.	8:10 P. M.	11:45 A. M.	LyThe Dalles	4:35 P. M.	5:30 A. M.	3:50 A. M.
7:15 A. M.	12:20 A. M.	4:50 P. M.	Lv Pendleton	12:25 P. M.	1:28 A. M.	10:30 P. M.
10:55 A. M.	3:35 A. M.	7:50 P. M.	LvLa Grande	9:00 A. M:	9:55 P. M.	7:25 P. M.
1:11 P. M.	5:54 A. M. 7:00 A. M.	9:35 P. M.	Lv Baker	7:05 A. M. 11:15 A. M.	7:55 P. M.	5:07 P. M.
	9:30 P. M.		ArLv.		10:30 A. M.	
8:15 A. M.			ArSalt Lake CityLv.			11:30 P. M.
	6:20 P. M. 5:00 P. M.		Ar, Denver Lv. ArKansas CityLv.	5:00 P. M.	1:30 P. M.	
701 Wel	City Passenge ls-Fargo Buildi oadway 4500.	ng. Wm. McMut	Third and Washington Streets. Main 3530.		LLER, Agent 1 Broadway 80	

W. F. W PUBLIC WOULD PROFIT. \$800 to \$2000 Needed to Take Pictures of Children at Work.

Plan Thought Expensive.

Ways of informing the public about

the school board meeting last night. The question did not come up as part of the regular programme, but the discussion grew out of a presentation of the matter by W. F. Woodward,

director. Mr. Woodward said the idea had come to him to have moving pictures taken of children at work in some of

the high schools, such as the Benson Polytechnic. These pictures would be shown in the theaters of Portland to

let the public know the way in which the work is progressing in the

schools The directors agreed that the plan would be a fine one, but thought that it would probably involve too great an expenditure of money. Estimates from \$800 to \$2000 were submitted. "I believe that it would be a splen-id there to be the result of Port-CASTORIA

For Infants and Children In Use For Over 30 Years

did thing to let the people of Port-land see what is being done in the schools," said Mr. Woodward. "I think that some of those in the au-dience would be so surprised that they would faint if they saw that

Mr. Woodward said that he hoped

Active and Healthy



ent, Talcum, Se, everywhere, For samp

sylvania. His was the first of a new series to be given here this winter.

from the Holman undertaking chapel Services will be conducted by fellow lodge members of the deceased law-

Report From Mouth of Columbia NORTH HEAD, Nov. 11 .- Condition of is sea at 5 P. M., smooth; wind, cast,

Dr. Frazier Addresses Academy.

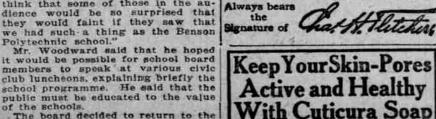
Tides at Astoria Friday. Dr. Frazier Addresses Academy. Members of the Portland chapter 1:25 P. M., 9.0 feet 8:38 P. M.: -0.1 foor



Get a Bottle TODAY. At All Druggists.

The Kerosene Kream Co. Inc., ufactures and Distributors, Portland, Or Contents 16 cunces,

DOSE, -- One to Two Tablespoon



school programme. He said that the public must be educated to the value

of the sche The board decided to return to the old form of diplomas for high school graduates. Last year the diplomas