seen interest but divided opinion the

progress of emergency work designed

to save the 1,000,000 bushel bulk grain

elevator at the St. Johns terminal from

G. W. Boschke, uncompensated ad

visory engineer, and G. B. Hegardt, chief

engineer of the dock commission, be-

lieve that the pinch piling driven at the

side of the storage annex or grain bins

W. R. Phillips, a member of the

the commission after the elevator

board of advisory engineers, employed

structure began to subside, disagrees with Mr. Boschke and Mr. Hegardt and

holds that the foundation can only be

stabilized by using some adequate means

to remove the great weight of the build-

ing from the coze into which the founda-

tion piles were driven without prelim-

inary borings to find bed rock or solid

gravel. Mr. Phillips has written a let-

to protect his reputation as engineer,

declaring that in his judgment the

driving of the pinch piles will not

building.
Mr. Phillips' letter to the dock com-

A suggestion originally made by Mr.

Phillips that the weight of sand between

the elevator floor and the concrete mat

set on top the pile foundations be with-

drawn is to be followed by the commis-

sion and a wall is to be built to keep the

U. S. S. Surveyor, from Norfelk, 3:10 p. m.;
Admiral Schley, from Scattle, S. p., m.; Shinpe
Maru, hence May 27 for Portland, returned at
10:15 p. m. for fuel; shortage due to battling
gale for three days; U. S. S. Iris, from Scattle,
5:30 p. m.
Sailed May 20 Main Theorem

Seattle, Wash., May 30 .- (I. N. S.) -- Ar-

Valdez, May 29 .- Sailed: Alameda, west-

Karatsu, May 27.-Arrived: Sanno Maru,

Yokohama, May 20.—Arrived: Dairien Maru, from Seattle. Sailed: Suwa Maru, for Seattle. Arrived May 19: Canada Maru, from

Philadelphia, May 29 .- Arrived: Brookfield,

rom Seattle. Honolulu, May 29.—Sailed: Yukon, for Se-

San Pedro, May 29 .- Sailed: President, for

Aberdeen, May 29.—Sailed: M. S. Marie Ronde, for Seattle, at noon.

De Ronde, for Seattle, at noon.

Victoria, May 30.—Arrived: Empress of Russia, from Hongkong. Sailed: Empress of Japan, for Hongkong.

Comox, May 30.—Arrived—Muncaster Castle, from New York for Vladivostok.

Fort Townsend, May 30.—Passed in: Cordova, for Seattle, at 8:30 a. m.

Arrived—Schooner Alice Cooke, from Honolulu; schooner Matthew Turner, from San Francisco. May 29—Arrived—Schooner Rosamond, from Sydney, in two tug Pioneer, at 1 p. m. Passed out: Tug Relief, towing barre Issac Reed, for Eureka, at 11 a. m.; Northwestern, at 1 p. m.

western, at 1 p. m.

Port Gamble, May 29 Arrived—Redwood, from Port Ludlow, at 7:30 a. m.

Ballingham, May 30 Arrived—Bonneterre, from Seattle.

rom Seattle.

Tacoma, May 30.—Arrived: Antar, from Seattle; Stillah Columbia ports; Polybius, from Seattle; dmiral Evans, from Seattle.

Marshfleid, May 30.—Tug. Gleaner arrived at noon with two barges loaded with equipment or the government dredge Oregon, which is soon to begin work in Coos Bay. Steamer Bandon processed at 42 p. re.

for the government dredge Oregon, which is soon to begin work in Coos Bay. Steamer Bandon arrived at 4 p. m.

Astoria, May 31.—Sailed at midnight, steamer Celilo, for San Diego, via San Pedro and San Francisco. Sailed at 8:30 a. m., steamer Stanwood, for San Pedro.

San Francisco, May 31.—The Japanese steamer Shimpe Maru, returned last night, short of fuel; was bound for Portland.

Astoria, May 30.—Arrived at 9 last night, and left up at midnight, steamer Colonel E. L. Drake, from Gaviota, Sailed at 9 last night, motor schooner Lassen, for San Pedro. Sailed at 4 p. m., steamer Dainy, for San Pedro. Arrived at 6:45 a. m., atsamer Flavel, from San Pedro. Arrived at 8:30 a. m. and left up at 3:30 p. m., steamer Multinomah, from San Francisco. Sailed at 9:30 a. m., steamer Awensdaw, for Cardiff. Sailed at 10 a. m., steamer W. F. Herrin, for Gaviota. Sailed at 12:10 p. m., steamer City of Topeka for San Francisco, via Eureka and Ceos Bay. Sailed at 2:30 p. m., steamer West Totant, for Newport News for orders.

orders.

Gavicia. May 30.—Sailed, steamer J. A. Chansler, for Portland.

San Francisco, May 30.—Arrived at 11.a. m., steamer Aurelia, from Portland via way ports.

San Francisco, May 31.—(I. N. S.)—Arrived—Schooner Georgette, Weilington, 9.a. m.; Carmel, Grays Harbor, 10:20 a. m.; Ernest H. Mayer, Los Angeles, 11 a. m.

Sailed—Tur Pouriess (with barge Pullerton in tow), Port San Lain, 10 a. m.; Silver Shell, Los Angeles, 11 a. m.

rom Vancouver.

water out when the sand is removed.

"In my report of April 5th I say:

mission reads as follows:

not be checked.

ng subsidence."

will furnish a permanent corrective.

further subsidence.

TRIED WOOD SHIPS

approval of Underwriters Based on Successful Trip of 5 From San Francisco to East Coast.

STEEL VESSELS PREFERRED

lour Shipments for Present to Be Confined to Steel Carriers, Many of Which Are Available.

ration of tried wooden vesan carriers of rice and bean cargoes ias been very satisfactory and the Underwriters, following the sessful trial of five wooden steamers rom San/Francisco to the Atlantic coast have approved insurance for more tried vessels.

This was the information Senator Mehead of the federal grain corpratice, in answer to a request made senator concerning the result cent experiments with wheat and pments. Senator McNary has orward the information to the Cham-

TERE CARRIERS PREFERRED Despite the fact that the wooden eamers built on the Pacific coast have proved thumselves satisfactory for the tee and bean shipments, Mr. Barnes inuantity of steel tonnage is now availble for loading on the Pacific coast and cour shipments for the present will be confined to this class of earrier.

Inability of the shipping board to alloate to the grain corporation a suffilest number of tried wooden ships is the given by Mr. Barnes as a reason the grain corporation not making my pressing demands on the shipping poard for wooden ships. Mr. Barnes is dverse to using wooden vessels that have not been thoroughly tried in the flour trade

High complement to the seaworthiness of the Oregon-bullt steel and wooden ships was paid today also by George G. Sharp, chief surveyor of the American tureau of Shipping, with headquarters at 66 Beaver street. New York, who is here on a tour of inspection.

According to the records of the American Bureau of Shipping, nearly all the completed vessels in this district are epparently performing satisfactory.

Afr. Sharp says that in fact the Oregon builders are to be congratulated for builders are to be congratulated for

note of the workmanship dis-both steel and wooden ships. LE SHIPS SUITABLE Regarding particular types of ships, ... Sharp said that all of the types turned out in this district are sable for special needs, and that it impossible to lay down a hard and ast rule as to the size of vessel which vill meet the shipping needs. This stateent is based on the idea that different ade routes require different classes of

A. H. Bryant is in charge of the local bureau, with offices in the Northw National bank building.

HIPO MARU RUNS INTO STORM, RETURNS FOR COAL

After running into a storm at sea on her voyage from San Francisco to Port and the new tramp steamer Shipo Maru, under charter to Dant & Russell Portland, was compelled to turn back or more coal for her bunkers, accordng to a report received at the Merhants' Exchange.

The Japanese steamer, which has been xed to carry some 4,000,000 feet of mber from Portland to Shanghai, will ot arrive until June 4 or 5, according the latest information. Belief is expressed in some quarters

nat the vessel must have been roughly andled by the storm, the view being xpressed that the report of coal short ure on a voyage up the coast is a mos nusual circumstance for experienced Yard Launches Last Barge

Abredeen, May 31.—The barge Aca- Umatilla . It is not known what disposition e made of the yards.

Steamer Returns for Fuel San Francisco, May 31.-(I. N. S.)-

EMERGENCY WORK MAY SAVE ELEVATOR





Upper-Piling driven by dock commission to compress earth around grain elevator, showing seepage of water under structure. Lower-Piles massed at northeast corner of grain elevator to prevent further sub-

at 11 o'clock Friday night, having run short of fuel.

Schooner in From Australia San Francisco, May 31 .- (I. N. S.)-The schooner Georgette, Captain Johnson, made port this morning 86 days from Wellington, with 1200 tons of hemp and 150 tons of tallow consigned to George W. McNear.

DAILY RIVER READINGS

RIVER FORECAST The Japanese freight steamer Shinpo Maru, Captain Konoka, which left here May 27 for Portland, returned to port 19.2; Tuesday, 18.6.

News of the Port

Arrivals May 30 Multnomah, American steamer, from San Fran Arrivals May 31 Colonel E. L. Drake, American steamer, from

Celilo, American steamer, for San Diego, San Pedro and San Francisco, passengers

MARINE ALMANAC Weather at River's Mouth North Head, May 31.—Conditions at the outh of the river at noon: Wind, northwest, miles; cloudy; sea, smooth; humidity, 59.

rived: Queen, from San Diego; Tyndareus, from Vancouver. Arrived May 29: Alaska, from Tacoma, at 5 p. m.: Governor, from Vancouver via Tacoma, at midnight: U. S. destroyer Gwynn, from Tacoma, at 6 p. m. Sailed May 30: Rainier, for San Francisco, at 10:30 a. m.: Ketchikan, for Southwestern Alaska, via Nanai-High Water:

3:10 a. m. . . . 9.5 feet | 10:25 a. m. . . — 1.3 feet mo and Southwestern Alaska, at 9 a. m.; Chi-cago Maru. for Hongkong, via ictoria, at 10 a. m. Sailed May 29; Jefferson, for Southwestern Alaska, at 5 a. m.; Chi-cago Maru. for Hongkong, via ictoria, at 10 a. m. Sailed May 29; Jefferson, for Southwestern Alaska, at 5:15 p. m.; Admiral Farrasser Al

San Francisco, May 31.—(I. N. S.)—Artived May 30.—Saginaw, from Los Angeles, 1:50 p. m.; President, from Los Angeles, 2:10 a. m.; El Segundo, from Juneau, 2:35 p. m.;

MORRISON TELLER PELLER TRUES QUARTER. LOBBY 00 N.W. BANK COMMERCIAL BUILDING SAVINGS COLLECTION DEPARTMENT & EXCHANGE DEPARTMENTS CLIPPO ELEVATORS PAYING AND RECEIVING TELLER COMMERCIAL BOOKKEEPERS SAVINGS BOOKKEEPERS

Get Acquainted With Our Savings Department

AFTER you have the location of the Savings Department of the Northwestern National Bank firmly fixed in mind—as

depicted by the diagram above—then come in and get acquainted with the conveniences which are here for you. The opening of a Savings Account NOW will do much to govern your financial future.

> Savings Department open Saturday evenings between 6 and 8.

Commencement To Be Held for One Blind Graduate

Joseph F. Stephens has the dis tinction of being the one graduate from the Portland school for the blind this year, and for him an elaborate commencement program has been prepared to be held at Central library, Friday evening,

Principal J. F. Myers will deliver commencement address and Assistant Superintendent C. A. Rice will present the diploma. The orchestra will play several selections, W. V. Jennings will play two violin solos, Dudley Buck and A. Halline Pierce will sing, accompanied by Mrs. Elsie Bishoff, Mrs. Rosa Myers will give a recitation and Mrs. Violet Simmons will play a piano solo, Many of the participants in the program are members of the school.

Union Army Veteran Lived to Relate Thrilling Experience to Third Generation of Family.

The only one of a band of Civil war prisoners to escape with his life when the group was lined up before a firing squad of Confederate guerrillas and shot down, John P. Hicks lived to tell of his hazardous experience to the third generation of his family. The G. A. R. veteran died on Friday at the age of 83 years.

Funeral services for Mr. Hicks were northeast corner and along the east this afternoon, the Rev. R. H. Reed ofheld from the Miller & Tracey chapel ficiating, and under the direction of comrades of the G. A. R. Interment was in Greenwood cemetery, Mr. Hicks served through the Civil war with Company A, Fifth Missouri cavalry. He came to Oregon in 1880 and is survived here by his widow, Leah R. Hicks, and two sons, Charles E. Hicks of Portland, and George E. Hicks of Grants Pass. A son, Ulysses Hicks, lives at Dunsmuir, Cal., and a fourth son is at sister, Mrs. Julia Taylor, Nelson, Mo., alry and artillery-were recognized. and a brother, J. V. Hicks, Logan, Kan. NEW RECORD IN MOVEMENT As one of several prisoners fired upon by guerrillas Mr. Hicks was left as dead. He recovered, however, the only survivor of the experience, although a cripple throughout his life.

permanently stop the subsidence of the Mrs. Anna L. Dunham Dies Mrs. Anna L. Dunham died this morning after a long illness at the home of her daughter. Mrs. Merrill Reed, 412 visable to, in an experimental way, expend a limited amount for the driving East Twenty-first street north. Mrs. Dunham was born in New York state of niles to find out if the downward movement of the storage annex might and was in her sixty-third year. She came to Portland eight years ago. Fu-"Since the termination of my connection with the committee that had the P. Finley & Son.

matter of the subsidence in hand, I have still continued to plot the curve Mrs. Mary H. F. Evans Passes Mrs. Mary H. F. Evans, aged 78, a nacorner of that structure, and as this ive of Illinois and a resident of Port- tery ribbon" being sold throughout the curve indicates clearly that the experi land for over 40 years, died Thursday at country is faulty in design and therefore has been a failure, I would ask her home, 492 Albina avenue. A brother, worthless. that you will not consider my opinion as Levi Rood, resides at Sheridan, Ill. given, as having a bearing upon Funeral arrangements are in charge of the department contracts are delivered. whatever further pile driving you may J. P. Finley & Son. choose to do with a view to so check-

To Do Alaska Jetty Work Aberdeen, May 31 .- E. L. Carpenter,

of the jetty work at the entrance to Sea graft, now manned by a number of Grays Harbor for years, will sail on adventurous souls who plan an expedi-June 7 for Nome, Alaska, where he will supervise the building of a jetty. He will be away until November. He will.

fuel briquets by compressing rice husks

ABANDONING ARMY POSTS IN THE W

Skeletonized Divisions Will Be Stationed at Those Cantonments That Will Be Retained.

42,569 NEW ENLISTMENTS

Return of Troops From Europe in May Sets Record; 317,186 Men Come Back in Month.

Washington, May 31 .- (I. N. S.)-The rmy posts of the West are to be abanloned in the event that congress passes legislation embodying the recommendaions of the war department, General Peyton C. March, chief of staff, an-mounced at his weekly conference today. A very few of these posts would be re-tained, he stated, and only as hospitals where men in the service whose physical condition demanded high altitudes could

Elaborating on his recent testimony before the house military affairs committee, General March stated that it was the plan of the department to have skeletonized divisions stationed at those cantonments which are to be retained and to recruit men from the vicinity of each camp.

CORPS MANEUVERS PROPOSED

These skeleton divisions, he said, would be filled to war strength in the event of an emergency by drawing upon men who will have received training under any plan congress may authorize. Drill and maneuvers would be held in division formation at stated intervals. and for every five divisions there would be a corps commander, and once a year there would be corps maneuvers.

The old Hay-Chamberlain bill is entirely inadequate for the present needs of the army, General March stated. measure provides for only 175,000 com-batant troops which, with the other batant troops which, with the other branches, would bring the total to only about 230,000. Besides, there are no provisions for the branches that have been added since the war, such as aviation, tank corps, traffic, etc. Incidentally, General March stated that the general staff has added aviation as the fourth arm of the military service, Heretofore only three arms—infantry, cavalry and artillery—were recognized.

NEW RECORD IN MOVEMENT

The number of men actually landed from France during May—exclusive of today—is 317,136, constituting a new rectice.

This new quarters on the fifth floor of the Spalding building, Third and Washington streets. The Northwestern National bank building were vacated today.

The Newark Bay, N. Y., shipyard, in launching one ship a week for one year, claims to have established a world's record for output.

Officials of the Los Angeles metal trades council, who called a strike of 6000 employes of the Los Angeles Shipbuilding & Drydock company, are planing for a prolonged strike, say advices. The plant will not attempt to resume work until all the men return to work, Endicott, Wash. Surviving also are a tofore only three arms-infantry, cav-

today-is 317,186, constituting a new record for the movement of troops either from or to France in a single month. Eighty per cent of these, the general added, returned in American ships. The army is now 62 per cent demobilized, 2,276,299 officers and men having received their discharges. Enlistments now total 42,569, the majority of which

were for three year terms. Twenty-five full divisions and seven Twenty-five full divisions and seven skeleton divisions have been returned to the United States, General March said. The 81st is sailing from Brest and the 90th from St. Nazaire, which will per cent for 1918. leave only seven regular army divisions on the other sides

General March warned that the "Vic These ribbons will be issued by the war department just as soon as

Casee Will Sail Soon San Francisco, May 31.-(I. N. S.)-

tion to Alaska and Siberia, is expected Phoenix, Ariz., being killed. Five others to sail today. Difficulties regarding passports are said to have been adjusted satisfactorily. The Casco will engage in fishing in the Bering sea, and next season will go to Siberian waters to land a portion of the expedition, whose objective is said to be a rich sapphire mine in

SEASIDE YOUTH HOME FROM NAVAL SERVICE



Seaside, May 31 .- Arthur Austin Thi-

ALL ALONG THE WATERFRONT

G. H. Dousset, expert mechanical en-gineer of the French high commission, in Portland to make a survey of the

C. D. Kennedy, Portland head of the division of operation of the Emergency Fleet corporation, Monday will be in his new quarters on the fifth floor of

work until all the men return to it is said.

Arthur Meeker, a wealthy packer of Chicago, has bought the palatial steam yacht Dolaura, which was built in Scotland in 1908 for Honorable James Dunsmuir. The yacht is now at the Esquimalt plant of the Yarrows, Ltd., Vancouver, B. C.

couver, B. C..

Profit-earning capabilities of publiclyowned piers is shown in the showing
made by the big ocean pier at Smith
Cove. Seattle. The pier which is owned

spoon with a strainer in its bowl



Arthur Austin Thibodo

oodo has returned home from service and has been placed in the reserve class of the navy. He enlisted when war commenced in the radio service, U. S. N. R. F. Thibodo was born in Oregon and his parents have lived here for

is in Portland to make a survey of the machinery at the Foundation yard with the view of having certain parts shipped to France for use in yards there. Other parts will be sold here. Ships being built at the Vancouver plant of the Foundation company are expected to be sent to Portland for the machinery

Westbound Troop Train Is Wrecked By Spreading Rails

Greenfield, Ohio, May 31,-(U. P.)-A Aberdeen, May 31.—E. L. Carpenter, The little schooner Casco, formerly Rob- Baltimore & Ohio troop train carrying United States engineer, who had charge ert Louis Stevenson's remantic South Arizona and New Mexico soldiers was wrecked in a cut near here late yesterday, one soldier, Joseph E. Clarey of were seriously injured. The majority of the soldiers were Indians and Mexicans. Spreading rails is given as the cause Five cars were overturned.



SCHOOL DIRECTOR TO

Ideas Wanted in Anticipation Success of Bond Issue at June 21 Election.

of the committee on buildings and grounds, will leave Tuesday for New York and other eastern points where he will make a study of school buildings, preparatory to commencing con on new buildings here, providing the \$2,500,000 bond issue passes at the June \$2,500,000 bond issue passes at the June 21 election, Mr. Thomas will spend the entire month on school matters, ending up by attending the National Educational association which convenes at Milwaukee on June 28. Director George M. Orton and Assistant Superintendent E. H. Whitney also will probably attend the National Educational association meeting.

tendent Grout, for next year, will be deferred until after the bond election, announced Mr. Thomas, and if the issue passes, the congestion will be relieved by first units of the new school buildings which will take care of the situation without wasting money on portables. The recommendation of Superintendent The recommendation of Superintendent Grout, referred to the buildings and grounds committee at the last meeting of the board, provided for 13 new portables and the division of rooms at the high school of commerce and Franklin high school so as to provide a total of

Officers for Year Chosen by Portland School Principals

The Principals' association of the Portland public schools at its last masting of the year, held this morning in the courthouse, elected the following officers for the ensuing year.

W. A. Dickson, Ockley Green schools president; A. A. Campbell, Rose C. Park, vice president; Charles A. Fr. Glencoe, secretary; E. T. Falting, Kannedy, treasurer; members of the executive committee, in addition to the officers, H. M. Sherwood of Stephens and Charles H. Boyd of Highland.

The Principals' association has under advisement the question of forming aunion but no action will be taken until

union but no action will be taken un fall. The business of the year w closed with reports from the stand and finance committees and suggestion for the next year's work.

PABRICATED MATERIAL BRIDGES BUILDINGS NORTHWEST BRIDGE

& IRON CO.

TRANSPORTATION



S. S. ROSE CITY SAN FRANCISCO 12 Noon, June 2 Tickets at Consolidated Ticket Off Phones Main 3550. A-8611. Freight Ainsworth Book.

Son Francisco & Portland S. S. Lines HALIFAX-SOUTHAMPTON 46,359 Tens NEW YORK-LIVERPOOL

DALLES COLUMBIA LINE