

AUDITOR'S REPORT 1928



*Harris County,
Texas*



Navigation



A Section of Houston's Port

CLAY COUNTY AUDITOR'S REPORT FOR 1928

Navigation District

DIRECTORY

Board of Commissioners

R. S. STERLING, Chairman

D. S. CAGE, Vice-Chairman

W. T. CARTER, JR., Member

R. J. CUMMINS, Vice-Chairman

BEN CAMPBELL, Member

B. C. ALLIN	Director of the Port
CHAS. CROTTY	Assistant Director of the Port
GEO. S. COLBY	Superintendent of Grain Elevator
E. M. MOURSUND	Engineer
H. J. SCOTT	Superintendent of Wharves

THOS. H. BALL, Counsel

H. L. WASHBURN, Auditor

ADMINISTRATIVE OFFICES

COURT HOUSE

HOUSTON, TEXAS

COUNTY AUDITOR'S REPORT FOR 1928

WATERWAY

THE ENTRANCE TO THE PORT OF HOUSTON is through a tidal channel extending from the Gulf of Mexico through jetties between Galveston Island and Bolivar Peninsula, thence across Galveston Bay and up the San Jacinto River to Lynchburg. From that point the Channel comes up Buffalo River to the Turning Basin at Houston, where the Port is located, in latitude 29 degrees, 45 minutes north, and longitude 95 degrees, 17 minutes west. The distance from the harbor to the Gulf is 50 miles.

The use of the Ship Channel as a waterway dates back to the early settlement of Texas, when sailboats used it as a means of transportation as early as 1825. In the sixties this was followed by steamboat traffic. In 1870-76 a canal about 14 feet deep and 150 feet wide was constructed through Morgans Point and for a distance of five miles into upper Galveston Bay. This was purchased from the Buffalo Bayou Ship Channel Company in 1892 by the United States, at a cost of \$92,316.85.

On March 3, 1899, Congress authorized the construction of a channel, to a depth of 25 feet. Progress under this authorization was slow, and it was not until the stimulation supplied by local interests to share a portion of the cost was evidenced, that the determined efforts which have borne such extraordinary results were made.

Under the provision of the Rivers and Harbors Act of June 25, 1910, the people of Harris County on January 10, 1911, voted to establish the Navigation District and to issue \$1,250,000.00 in bonds to provide the funds with which to dredge and maintain a channel of 25-foot depth from Bolivar Roads to a point just above Harrisburg, with provision for a turning basin of ample proportions at the terminus. The work was carried out under the jurisdiction of engineers of the United States War Department, under an agreement by which Congress appropriated one-half of the funds, and the bond issue supplied the remaining portion. This project was completed September 7, 1914.

It became apparent that dredges were necessary in connection with the maintenance of the channel, and by an election held December 6, 1913, additional bonds in the sum of \$250,000.00 were issued, providing one-half of the cost of two dredges with complete equipment, for use in redredging and maintaining the channel and turning basin, after the completion of the original contract.

In order to secure greater depth for the channel, on May 24, 1919, an additional bond issue of \$1,500,000.00 was voted, and the work undertaken by the Government. The cost of this work was estimated at \$3,850,000.00, of which the Navigation District was called upon to contribute the sum of \$1,365,000.00.

The channel now has a uniform depth of 30 feet throughout its length; the width is 250 to 300 feet on the bottom from Bolivar Roads to Morgans

☞ COUNTY AUDITOR'S REPORT FOR 1928 ☜

Point, and 150 to 180 feet on the bottom from Morgans Point to the Turning Basin. The Turning Basin itself has a diameter of 1100 feet, and depth of 30 feet.

PORT OF HOUSTON

The City of Houston has meantime, for many years, through the proceeds of bond issues, and from other funds, operated and maintained port facilities. Its expenditures had reached approximately \$3,000,000.00, but the City, as such, had no authority to issue bonds for or to undertake work in connection with the channel proper, and the Navigation District, while having authority to construct the channel, had no authority to own or operate port facilities.

Faced with a condition where two governmental jurisdictions were operating parts of the same project, the matter was placed before the Legislature, and by an Act dated August 21, 1921, Navigation Districts containing cities of 100,000 population or more were authorized, upon a vote of the people, to take over by lease, or to construct and to thereafter maintain and operate, port facilities and aids incident to their operation and maintenance, as well as the construction and maintenance of the channel. By an election on March 25, 1922, this authority was given, and by lease between the Navigation District and the City of Houston, operative October 1, 1922, the former took over all the port facilities to operate and maintain for a period of thirty years.

The substance of this lease agreement was that the assets of the city at the Turning Basin were conveyed to the District, the facilities to be operated by the latter, the expenses to be deducted from the gross revenue and the excess semi-annually accounted for to the city.

Administration

The Commission authorized by the act referred to was immediately appointed and organized, and consisted of five members, two of whom were appointed by the City Council and two by the Commissioners Court, and the Chairman by the joint bodies. These Commissioners, in turn, appointed the necessary administrative officers, and established and equipped general offices in the Court House, for the operation of the port. Supervision of finances remained, under this act, with the County Auditor.

Progress

In December, 1922, bonds in the sum of \$4,000,000.00 were voted to carry out the proposed development of the Port, in accordance with plans which had been prepared by the Port Commission and approved by Captain F. T. Chambers, Port Terminal Expert, of the United States Engineering Department and Shipping Board. These plans embraced the construction of wharves, grain elevator, railroad facilities, roadways, etc., and the purchase of land necessary to these projects.

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In July, 1924, additional bonds were voted in the sum of \$500,000.00 for the purpose of continuing the railroad construction program, and to furnish and equip a fire boat for the protection of the interests built in and around the Turning Basin and Channel.

In December, 1926, additional bonds were voted in the sum of \$1,500,000.00, for the purpose of further continuing the railroad construction program, construction of additional wharves, extension to the grain elevator, and other purposes.

Below is a summarized statement of the receipts and expenditures under the issue last above mentioned.

1927 Bond Fund Statement

December 31, 1928

Source of Receipts:

Sale of Bonds.....	\$1,500,000.00
Refunds, Sale of Land, R. R. Trackage, etc.....	11,627.81
Interest Average Daily Balances.....	14,251.93
Total Receipts.....	<u>\$1,525,879.74</u>

Expenditures:

Wharves:

Wharf No. 10.....	\$ 2,695.33	
Wharf No. 10 (Reconstruction).....	9,680.12	
Wharf No. 11.....	2,569.16	
Wharf No. 12.....	2,580.49	
Wharf No. 12 (Second Story).....	53,244.30	
Wharf No. 13.....	2,561.66	
Wharf No. 14.....	219,813.64	
Wharf No. 15.....	301,085.13	\$594,229.83

Railroads:

Re-Alignment Harrisburg Tracks.....	52,939.87	
Ave. "O" Harrisburg Tracks.....	26.48	
Clinton Branch.....	1,176.63	
Galena Extension.....	2,420.20	
Grain Elevator Tracks.....	2,492.00	
Manchester Port Yard.....	118,930.74	
Lower Manchester Spur.....	108.77	
Re-Alignment Manchester Lead.....	3,624.20	
M.-K.-T.—Harrisburg Connection.....	10,655.61	
Morgans Point Extension.....	30,782.22	
Morgans Point-Battleground Spur.....	28.19	
Port Yard.....	80,235.26	\$303,420.17

Grain Elevator:

Grain Elevator.....	30.15	
Grain Elevator Extension.....	170,274.89	\$170,305.04

Channel, Dredging, Etc.:

Dredging—Government Co-operation.....	28,035.23	
Dredging—Unaided.....	6.50	
Clearing Obstructions.....	11,309.38	\$ 39,351.11

Miscellaneous:

Paved Roads.....	125.00	
Road to North Side Terminals.....	1,633.64	
Re-Alignment Clinton Road.....	2,029.74	

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Sims Bayou Terminal Project.....	212.02	
Land Adjoining Clinton Island.....	207,184.30	
Fences.....	226.23	\$211,410.93
Total Expenditures.....		\$1,318,717.08
Cash Balance.....		\$ 207,162.66

NOTE—Contracts outstanding December 31, 1928, totalled \$121,771.00, representing unfinished work on wharves and railroads. The balance not yet contracted is contemplated to be used for wharves, railroads and land purchases.

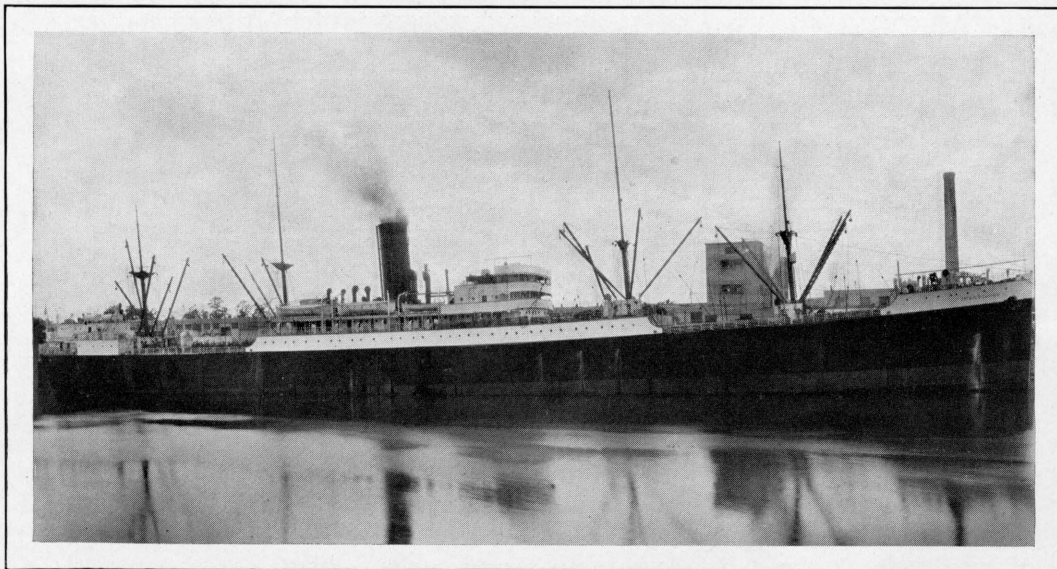
Cash Statement—City of Houston—Leased Facilities Period January 1, 1928, to December 31, 1928

Receipts:

Balance.....		\$ 67,998.63
Collections on Port Earnings.....		217,828.13
Interest on Average Daily Balances.....		916.53
Other Receipts.....		4,356.29
		\$291,099.58

Expenditures:

Capital Improvements.....		\$ 13,187.62
Operation and Maintenance Expense.....		169,309.10
City Settlement (Paid to City of Houston).....		78,536.07
Prepaid Insurance.....		15,193.56
Other Expenditures.....		43.07
		\$276,269.42
Cash Balance December 31, 1928.....		\$ 14,830.16



At Private Wharf—Houston Ship Channel

Cash Statement—Navigation District Owned Facilities
Period January 1, 1928, to December 31, 1928

	Totals	Navigation Current	C. & M.	1927 Bond	1911 I. & S.	1914 I. & S.	1919 I. & S.	1923 I. & S.	1924 I. & S.	1927 I. & S.
<i>Receipts:</i>										
Balance, January 1, 1928.....	\$1,067,586.45	\$ 42,492.45	\$ 52,842.81	\$742,568.26	\$ 73,892.15	\$ 18,189.89	\$ 24,035.82	\$ 64,927.72	\$ 8,933.04	\$ 39,704.31
Contributions.....	17,879.94	17,879.94								
Interest on Average Daily Balances.....	25,785.85	2,062.55	1,104.73	12,601.22	3,479.05	744.87	1,209.27	2,751.34	535.76	1,297.06
Interest on Securities.....	7,370.00				3,250.00	4,120.00				
Miscellaneous.....		450.04								
Revenue—Collections on Port Earnings.....	231,167.41	231,167.41								
Sale of Securities.....	14,000.00				14,000.00					
Suspense—Storeroom Stock.....	5,668.92	5,668.92								
Taxes—Current.....	563,960.81		1,417.71		64,951.13	16,340.97	91,688.86	243,570.50	31,555.75	114,435.89
Taxes—Delinquent.....	38,532.45		835.14		4,356.76	1,125.62	6,572.99	17,881.06	2,127.70	5,653.18
Refunds, Capital Improvements.....	47,017.52	20,832.27		26,185.25						
Refunds, Expense.....	1,055.57	965.57			45.00				45.00	
Transfers.....	\$2,020,494.96	\$321,519.15	\$ 56,200.39	\$781,354.73	\$163,974.09	\$ 40,521.35	\$123,506.94	\$329,130.62	\$ 43,197.25	\$161,090.44
	10,655.61	10,655.61								
	\$2,031,150.57	\$332,174.76	\$ 56,200.39	\$781,354.73	\$163,974.09	\$ 40,521.35	\$123,506.94	\$329,130.62	\$ 43,197.25	\$161,090.44
<i>Disbursements:</i>										
Capital Improvements.....	\$ 625,623.07	\$ 51,431.00		\$574,192.07						
Operation and Maintenance Expense.....	156,136.79	123,094.22	30,808.95							
Interest on Bonds.....	360,622.87				323.58	248.06	446.82	572.55	124.17	518.44
Bonds Redeemed.....	253,000.00				34,542.87	12,500.00	55,000.00	170,750.00	20,205.00	67,625.00
Suspense—Storeroom Stock.....	5,789.53	5,789.53			6,000.00		50,000.00	130,000.00	17,000.00	50,000.00
Prepaid Insurance.....	4,180.99	4,180.99								
Miscellaneous.....	337.13	337.13								
Transfers.....	\$1,405,690.38	\$184,832.87	\$ 30,808.95	\$574,192.07	\$ 40,866.45	\$ 12,748.06	\$105,446.82	\$301,322.55	\$ 37,329.17	\$118,143.44
	10,655.61	10,655.61								
	\$1,416,345.99	\$195,488.48	\$ 30,808.95	\$574,192.07	\$ 40,866.45	\$ 12,748.06	\$105,446.82	\$301,322.55	\$ 37,329.17	\$118,143.44
Cash Balance December 31, 1928.....	\$ 614,804.58	\$136,686.28	\$ 25,391.44	\$207,162.66	\$123,107.64	\$ 27,773.29	\$ 18,060.12	\$ 27,808.07	\$ 5,868.08	\$ 42,947.00

COUNTY AUDITOR'S REPORT FOR 1928

Navigation District and Port of Houston Consolidated Balance Sheet December 31, 1928

ASSETS	Navigation District Interest and Sinking	District Construction and Maintenance	City of Houston Leased Facilities	Total
<i>Current Assets:</i>				
Cash.....	\$245,564.20	\$369,240.38	\$14,830.16	\$629,634.74
Port Earnings Receivable:				
Current Year.....		17,402.96	15,071.10	32,474.06
Prior Years.....			59.40	59.40
Taxes Receivable.....	\$604,062.01			
Less Allowance for Delinquent Taxes.....	69,800.87	509,411.29	24,849.85	534,261.14
Stores on Hand.....		5,408.61		5,408.61
Total Current Assets.....	\$754,975.49	\$416,901.80	\$ 29,960.66	\$1,201,837.95
<i>Fixed Assets:</i>				
Property and Equipment.....		\$ 24,180.94	\$ 14,998.39	\$ 39,179.33
Quarters in Court House, Original Cost.....	\$ 11,466.90			
Less Charged Off to Date, Pursuant to Agreement with County.....	6,500.00	2,598.88	2,368.02	4,966.90
Wharves..... Navigation District.....	\$2,233,838.47			
Railroads..... " ".....	1,607,359.48			
Grain Elevator..... " ".....	1,338,399.20			
Fireboat..... " ".....	307,398.16			
Channel..... " ".....	2,916,810.94			
Other Capital Improvements " ".....	702,436.05			
Less Allowance for Depreciation.....	\$9,106,242.30†			
	365,559.91	8,740,682.39		8,740,682.39
Wharves..... City.....	\$ 71,956.53			
Railroads..... ".....	69,820.79			
Other Capital Improvements ".....	209,164.14			
Less Allowance for Depreciation.....	\$350,941.46		289,834.41	289,834.41
	61,107.05			
Total Fixed Assets.....		\$8,767,462.21	\$307,200.82	\$9,074,663.03
<i>Other Assets:</i>				
Securities Held by Sinking Funds.....	\$ 139,000.00			\$ 139,000.00
Interest in Trust.....	2,898.75			2,898.75
Total Other Assets.....	\$141,898.75			\$141,898.75
<i>Deferred Charges:</i>				
Prepaid Insurance.....		\$ 2,966.18	\$ 10,691.30	\$ 13,657.48
Total Assets.....	\$896,874.24	\$9,187,330.19	\$347,852.78	\$10,432,057.21
LIABILITIES				
<i>Current Liabilities:</i>				
Accounts Payable (Requisition).....		\$ 2,738.55	\$ 1,245.32	\$ 3,983.87
Contracts Payable:				
General.....		136,731.95		136,731.95
V. H. Borsodi.....			144,134.09	144,134.09
Accrued Interest.....	\$100,291.48			100,291.48
Total Current Liabilities.....	\$100,291.48	\$139,470.50	\$145,379.41	\$ 385,141.39
<i>Fixed Liabilities:</i>				
Bonds Outstanding.....		\$7,295,500.00		\$ 7,295,500.00
<i>Surplus Appropriated:</i>				
Reserve to Pay Interest and Redeem Bonds.....	\$796,582.76			796,582.76
<i>Surplus:</i>				
General.....		1,752,359.69	\$202,473.37	\$ 1,954,833.06
Total Liabilities and Surplus.....	\$896,874.24	\$9,187,330.19	\$347,852.78	\$10,432,057.21

†Includes \$1,310,095.98 worth of land, \$75,422.45 of which was donated to the District.

COUNTY AUDITOR'S REPORT FOR 1928

Statement of Earnings and Expense Port of Houston Period Jan. 1, 1928, to Dec. 31, 1928

	City of Houston Leased Facilities	Nav. Dist. Owned Facilities	Total
Earnings:			
Wharfage.....	\$96,901.08	\$78,339.19	\$175,240.27
Dockage.....	6,013.62	7,348.88	13,362.50
Shed Hire.....	3,520.00	3,445.00	6,965.00
Storage.....	36,886.30	3,017.63	39,903.93
Rent of Buildings..	9,811.57	4,000.01	13,811.58
Switching.....	23,742.43	40,091.32	63,833.75
Electric Current...	6,491.17	11,447.53	17,938.70
Water.....	7,913.09	2,403.70	10,316.79
Grain Elevator....		73,001.73	73,001.73
Freight Handling			
Machinery:			
Locomotive Cranes:			
No. 1.....	2,313.25		2,313.25
No. 2.....	6,398.57		6,398.57
No. 3.....	5,563.50		5,563.50
No. 4.....		7,566.38	7,566.38
Traveling Crane..	5,765.38		5,765.38
Electric Elevator			
Portable Conveyors	845.14		845.14
Escalators.....	763.25		763.25
Wareh'se Conveyors	8.50		8.50
Stackers.....	4.50		4.50
Motor Generators..		4,475.68	4,475.68
Other.....	8,150.66	5,607.43	13,758.09
Interest.....	916.53	2,062.55	2,979.08
Total Earnings	\$222,008.54	\$242,807.03	\$464,815.57
Expense:			
Administration:			
City Offices.....	\$32,590.41	\$28,414.30	\$61,004.71
Wharf Office.....	10,805.00	6,359.32	17,164.32
Wharves:			
City.....	50,682.65		50,682.65
Navigation.....		20,750.17	20,750.17
Special Repairs..		1,205.51	1,205.51
Ferry Service.....	8,804.71		8,804.71
Fire Prevention			
Facilities.....	3,457.48	3,067.48	6,524.96
Light and Power			
Facilities.....	4,732.25	13,194.93	17,927.18
Water Facilities..	4,781.01	2,767.14	7,548.15
Freight Handling			
Machinery:			
Locomotive Cranes:			
No. 1.....	1,606.32		1,606.32
No. 2.....	5,122.75		5,122.75
No. 3.....	3,618.00		3,618.00
No. 4.....		4,475.20	4,475.20
Traveling Crane..	2,649.15		2,649.15
Stacker.....	20.84		20.84
Electric Elevator	4.80		4.80
Portable Conveyors	866.47		866.47
Escalators.....	1,401.25		1,401.25
W'h'se Conveyors	69.25		69.25
Portable Hoists..	13.40		13.40
Motor Generators		2,481.67	2,481.67
Railroads:			
Maintenance....	238.97	308.05	547.02
Operation.....	1,964.87	4,602.87	6,567.74
Valuation.....		1.10	1.10
Machine Shop....	4.77	34.40	39.17
Grain Elevator....		64,998.83	64,998.83
Fireboat.....	46,283.53		46,283.53
Roads:			
Paved.....	336.23	173.70	509.93
Earth.....	2,479.06	656.90	3,135.96
Harbor Patrol....	3,902.78	3,912.67	7,815.45
Warehouses.....	1,438.83		1,438.83
Storehouses.....	2,014.24	1,048.03	3,062.27
Electric Sub-Station	22.82	88.02	110.84
Miscellaneous....		449.16	449.16
Total Expense	\$189,911.84	\$158,989.45	\$348,901.29
Excess.....	\$ 32,096.70*	\$ 83,817.58*	\$115,914.28*

*These figures are exclusive of interest on Bonded Debt Sinking Fund Requirements and Depreciation.

Comparative Statement of Earnings and Expenses Years 1926, 1927 and 1928

	1926	1927	1928
Earnings:			
Wharfage.....	\$196,327.78	\$201,746.03	\$175,240.27
Dockage.....	10,441.31	25,951.37	13,362.50
Shed Hire.....	4,615.00	12,930.00	6,965.00
Storage.....	34,299.13	45,807.47	39,903.93
Rent of Buildings..	12,720.00	14,970.00	13,811.58
Switching.....	62,517.09	72,607.34	63,833.75
Electric Current...	16,913.22	18,750.37	17,938.70
Water.....	11,956.81	13,304.49	10,316.79
Grain Elevator....	40,673.63	37,901.79	73,001.73
Freight Handling			
Machinery:			
Locomotive Cranes:			
No. 1.....	4,001.97	2,345.26	2,313.25
No. 2.....	5,172.98	4,911.85	6,398.57
No. 3.....	4,568.16	6,856.95	5,563.50
No. 4.....	3,924.87	7,348.22	7,566.38
Traveling Crane..	5,779.73	4,786.64	5,765.38
Portable C'nv'y'rs	1,570.68	2,681.60	845.14
Excavators.....	39.64		763.25
W'h'se Cony'rs..	26.00		8.50
Stackers.....			4.50
Motor Generators	1,321.03	2,512.01	4,475.68
Other.....	8,361.06	9,054.06	13,758.09
Interest.....	2,912.93	2,381.54	2,979.08
Total.....	\$428,143.02	\$486,846.99	\$464,815.57
Expense:			
Administration:			
City Office.....	\$ 53,842.37	\$ 61,633.40	\$ 61,004.71
Wharf Office.....	8,229.85	10,491.48	17,164.32
Wharves:			
City.....	54,736.27	41,586.02	50,682.65
Navigation.....	19,741.08	21,336.91	20,750.17
Special Repairs..	6,417.87	198.27	1,205.51
Ferry Service.....		9,678.93	8,804.71
Fire Prevention			
Facilities.....	2,306.49	3,044.84	6,524.96
Light and Power			
Facilities.....	15,671.97	18,092.85	17,927.18
Water Facilities..	12,424.03	13,407.74	7,548.15
Freight Handling			
Machinery:			
Locomotive Cranes:			
No. 1.....	4,776.34	4,270.31	1,606.32
No. 2.....	3,935.53	4,088.79	5,122.75
No. 3.....	4,126.93	5,005.70	3,618.00
No. 4.....	8,723.35	4,358.06	4,475.20
Traveling Crane..	3,935.04	3,221.60	2,649.15
Stacker.....		40.40	20.84
Electric Elevator	81.25	62.25	4.80
Portable C'vy'rs	1,489.72	2,257.42	866.47
Escalators.....	8.35	482.19	1,401.25
W'h'e Conveyors..	79.17	91.12	69.25
Portable Hoists..	149.60	136.95	13.40
Motor Generators	1,049.18	2,135.90	2,481.67
Railroads:			
Maintenance....	2,204.90	30.87	547.02
Operation.....	5,277.27	17,237.74	6,567.74
Valuation.....	156.09	27.16	1.10
Machine Shop....	156.36	229.88	39.17
Grain Elevator....	45,383.79	63,576.27	64,998.83
Fireboat.....	16,682.43	31,578.70	46,283.53
Roads:			
Paved.....	113.04	36.23	509.93
Dirt.....	151.60	494.58	3,135.96
Harbor Patrol....	6,212.21	6,849.68	7,815.45
Warehouses.....			1,438.83
Storehouses.....	2,544.08	3,237.22	3,062.27
Electric Sub-stat'n	18.89	659.67	110.84
Miscellaneous....			449.16
Total.....	\$280,625.05	\$329,579.13	\$348,901.29
Excess.....	\$147,517.97*	\$157,267.86*	\$115,914.28*

*These figures are exclusive of interest on Bonded Debt Sinking Fund Requirements, and Depreciation.

Detail of Earnings and Expense
January 1, 1928, to December 31, 1928

CITY OWNED WHARVES

<i>EARNINGS</i>	<i>Total</i>	<i>Wharf No. 1</i>	<i>Wharf No. 2</i>	<i>Wharf No. 3—East</i>	<i>Wharf No. 3—West</i>	<i>Wharf No. 4—East</i>	<i>Wharf No. 4—West</i>	<i>Wharf No. 5</i>	<i>Wharf No. 7</i>	<i>Wharf No. 8</i>	<i>Manchester Wharf</i>	<i>Main St. Wharf</i>	<i>Miscel.</i>
Wharfage.....	\$ 96,901.08	\$ 7,073.69	\$ 9,794.75	\$ 2,303.61	\$ 5,786.33	\$ 20,714.19	\$ 21,936.47	\$ 5,787.84	\$ 5,329.28	\$ 4,704.24	\$ 12,162.66	\$ 77.08	\$ 1,230.94
Dockage.....	6,013.62	857.60	89.12	109.79	60.72	839.14	38.36	.....	1,335.12	1,439.97	1,243.80	.....	.....
Shed Hire.....	3,520.00	325.00	45.00	95.00	.....	390.00	40.00	.....	870.00	900.00	855.00	.....	.....
Storage.....	36,886.30	6,137.08	34.09	7.34	1,017.41	.....	.....	.....	330.01	473.07	4,936.95	51.00	23,899.35
Total Earnings.....	\$143,321.00	\$ 14,393.37	\$ 9,962.96	\$ 2,515.74	\$ 6,864.46	\$ 21,943.33	\$ 22,014.83	\$ 5,787.84	\$ 7,864.41	\$ 7,517.28	\$ 19,198.41	\$ 128.08	\$ 25,130.29
Expense, Direct.....	\$ 50,682.65	\$ 7,537.71	\$ 5,628.37	\$ 4,110.76	.....	\$ 7,835.64	.....	\$ 2,652.42	\$ 5,908.08	\$ 6,779.00	\$ 9,832.35	\$ 398.32	.....
Expense, Indirect (\$57,699.43—Administration, Ferry Service, Fire Prevention Facilities, Machine Shop, Storehouse, and Electric Sub-Station).....	46,159.55	5,927.12	4,399.76	4,399.77	4,399.77	4,399.77	4,836.15	1,731.71	4,399.77	4,399.77	4,399.77	1,731.71	1,134.48
Total Expense.....	\$96,842.20	\$ 13,464.83	\$ 10,028.13	\$12,910.30	.....	\$17,071.56	.....	\$ 4,384.13	\$ 10,307.85	\$ 11,178.77	\$ 14,232.12	\$ 2,130.03	\$ 1,134.48
†Excess.....	\$ 46,478.80	\$ 928.54	\$ *65.17	*\$3,530.10	.....	\$26,886.60	.....	\$ 1,403.71	*\$2,443.44	*\$3,661.49	\$ 4,966.29	*\$2,001.95	\$ 23,995.81

†NOTE—All excess figures are exclusive of interest on bonded debt, sinking fund requirements, and depreciation.
*—Deficit.

NAVIGATION DISTRICT WHARVES

<i>EARNINGS</i>	<i>Wharf Total</i>	<i>Wharf No. 10</i>	<i>Wharf No. 11</i>	<i>Wharf No. 12</i>	<i>Wharf No. 13</i>	<i>Wharf No. 14</i>	<i>Wharf No. 15</i>	<i>Wharf No. 16</i>	<i>Wharf No. 17</i>
Wharfage.....	\$ 78,339.19	\$ 27,997.24	\$ 10,841.85	\$ 12,128.89	\$ 15,091.44	\$ 2,225.38	\$ 6,095.89	.....	\$ 3,958.50
Dockage.....	7,348.88	45.72	2,420.98	2,451.39	708.47	577.76	1,144.56	.....	.....
Shed Hire.....	3,445.00	.....	1,030.00	1,432.50	407.50	.....	575.00	.....	.....
Storage.....	3,017.63	1,200.00	226.43	1,219.65	371.55	.....	.....	.....	.....
Total Earnings.....	\$ 92,150.70	\$ 29,242.96	\$ 14,519.26	\$ 17,232.43	\$ 16,578.96	\$ 2,803.14	\$ 7,815.45	.....	\$ 3,958.50
Expense, Direct.....	\$ 20,750.17	\$ 4,937.99	\$ 3,962.64	\$ 3,866.25	\$ 6,496.06	\$ 504.28	\$ 739.54	\$ 238.20	\$ 5.21
Special Repair Work.....	1,205.51	889.17	200.70	57.01	58.63	.....	.....	.....	.....
Expense, Indirect (\$39,011.55—Administration, Ferry Service, Fire Prevention Facilities, Machine Shop, Storehouse, Electric Sub-Station).....	23,406.93	4,837.57	4,837.56	4,837.57	4,837.56	1,560.30	2,028.32	.....	468.05
Total Expense.....	\$ 45,362.61	\$ 10,664.73	\$ 9,000.90	\$ 8,760.83	\$ 11,392.25	\$ 2,064.58	\$ 2,767.86	\$ 238.20	\$ 473.26
†Excess.....	\$ 46,788.09	\$ 18,578.23	\$ 5,518.36	\$ 8,471.60	\$ 5,186.71	\$ 738.56	\$ 5,047.59	*\$238.20	\$ 3,485.24

†NOTE—All excess figures are exclusive of interest on bonded debt, sinking fund requirements, and depreciation.
*—Deficit.

COUNTY AUDITOR'S REPORT FOR 1928

Capital Improvements—Port of Houston

December 31, 1928

Navigation District Owned Facilities

Quarters, Court House.....		\$ 2,733.88*
Channel.....		2,916,810.94
Wharves:		
10 to 13.....	\$ 1,653,939.16	
14 to 15.....	526,191.15	
Second Story, Wharf 12.....	53,708.16	2,233,838.47
Grain Elevator:		
Main Structure.....	1,156,030.34	
Gallery Extension.....	182,368.86	1,338,399.20
Railroads:		
Re-Alignment Harrisburg Tracks.....	53,440.86	
Stock Account.....	11,977.31	
Ave. "O" Harrisburg Line.....	192,435.75	
Clinton Branch.....	60,238.12	
Deepwater Classification Yard.....	248.11	
Deepwater Extension.....	62,253.51	
Galena Extension.....	106,326.64†	
Grain Elevator Tracks.....	67,015.37	
Manchester Port Yard.....	188,225.48	
Lower Manchester Spur.....	10,087.11	
Re-Alignment Manchester Lead.....	3,624.20	
M.-K.-T. Harrisburg Line.....	7,750.00=	
Morgans Point Extension.....	34,861.05	
Morgans Point Battle Ground Spur.....	28.19	
North-South Side Connection.....	16,089.03	
Port Yard.....	467,199.07	
Port Yard Change Account Subway.....	579.57	
Tracks Behind Wharves.....	321,631.41	1,604,010.78
Locomotive Crane No. 4.....		5,627.98
Paved Roads North Side Terminals.....		75,307.76
Yard Office Building and Equipment.....		6,265.64
Fire Pump Unit.....		2,433.23
A. D. T. Boxes.....		810.27
Tools and Machinery for Roundhouse.....		5,666.72
Fireboat.....		307,398.16
Motors for Freight Handling Machinery.....		2,073.28
Industrial Sites.....		211,323.37
Sims Bayou Terminal Project.....		103,267.82
Purchase of Land Adjacent to Sims Bayou and Clinton Island.....		243,888.63
Electric Sub-station.....		31,767.12
Machine Shop.....		7,870.26
Paved Roads.....		2,029.74
Re-Alignment Clinton Road.....		125.00
Fences.....		226.23
Light and Power Facilities.....		3,618.00
Capital Improvements Constructed by Private Concerns Under Contract with District and Purchased by District Through Revenue Bills Accruing Against Contractors, Applied as Credits on said Contracts:		
Spur Track for Shell Business (Suderman & Young).....		3,348.70
		\$9,108,841.18-

*Includes \$135.00 Reconstruction.

†Includes Donated Land, \$67,672.45.

=Includes Donated Land, \$7,750.00.

- \$365,559.91 Depreciation must be deducted from this figures to arrive at the present book value of these improvements.

COUNTY AUDITOR'S REPORT FOR 1928

Capital Improvements—Port of Houston

December 31, 1928

City Owned Facilities

(Constructed since October 1, 1922)

Quarters, Court House.....	\$	2,368.02	
Wharves:			
General.....	\$	7,961.25	
Wiring Wharf No. 3.....		518.32	
Paving Wharf No. 2.....		3,472.65	
Manchester Wharf No. 2.....		238.16	
Light and Power Line, Manchester Wharf.....		3,826.44	
Repairing Manchester Wharf Floor.....		14,573.64	
Extension to Wharf No. 1.....		41,366.07	71,956.53
Railroads:			
General.....	\$	2,949.05	
Manchester Storage Track.....		11,062.79	
South Side Classification Yard.....		18,328.32	
Shifting Tracks, Mackie Dee Avenue.....		8,653.46	
S. P. Public Belt Crossover.....		623.73	
Purchase of Manchester Spur.....		4,758.40	
Government Rail and Equipment.....		19,813.38	
Trestle for Tracks, Wharves Nos. 7 and 8.....		3,631.66	69,820.79
Freight Handling Machinery:			
Locomotive Cranes.....		5,740.49	
Extension Main Conveyor to Warehouse.....		1,654.27	
Conveyor Covers.....		50.00	
Installation of Conveyor System, Wharf No. 4.....		2,513.27	9,958.03
Fire Hose and Equipment, Manchester Wharf.....			3,908.07
Cotton Chute.....			936.83
A. D. T. Boxes.....			1,265.00
Bridge Over Ship Channel.....			670.51
Rebuilding Roundhouse.....			1,648.88
Passenger Shed.....			2,816.51
Rebuilding Vines Bayou Bridge.....			2,484.39
Rebuilding Sims Bayou Bridge.....			10,386.97
Rebuilding Brays Bayou Bridge.....			6,567.04
Electric Motors.....			708.91
Water Main, Drinking Purposes.....			857.64
Driveway to Connect Wharves 7 and 8 with Clinton Road.....			1,707.50
Toilets Between Wharves 7 and 8 and Compress.....			3,911.76
Capital Improvements Constructed by Private Concerns Under Contract with District and Purchased by District Through Revenue Bills Accruing Against Contractors, Applied as Credits on said Contracts:			
Cotton Seed Cake Plant (Humphries-Godwin Co.).....		2,139.95	
Warehouse Conveyor (W. J. Binyon).....		4,379.02	
Track to Shell Loading Plant (W. D. Haden).....		1,607.75	
Conveyor Equipment (W. J. Binyon).....		5,336.99	
Coal Bunkering Plant (V. H. Borsodi).....		147,872.39	
			\$353,309.48*

*Depreciation in the amount of \$61,107.05, must be deducted from this figure to arrive at the present book value of these improvements.

COUNTY AUDITOR'S REPORT FOR 1928

Detail of Investment by City of Houston in Port Houston, Prior to October 1, 1922, at Which Time Navigation District Took Over Operation of Facilities

(Does Not Include Capital Improvements on City Property Made by Navigation District by City Authorization since October 1, 1922)

(Information Furnished by City of Houston)

Land:	Land	Buildings and Wharves	Equipment	Total
Wharf No. 1.....	\$567,398.57			\$567,398.57
Warehouse Wharf.....		\$249,125.92		249,125.92
Conveyors.....			5,492.80	5,492.80
Pump for Well.....			3,429.91	3,429.91
Fire Pump.....			1,884.45	1,884.45
Street Tanks.....			6,901.97	6,901.97
Fire House and Scales.....			1,297.22	1,297.22
Shed Platform and Trucks.....		19,346.87	5,700.00	25,046.87
<i>Wharf Units Nos. 2 and 3:</i>				
Wharves.....		394,865.10		394,865.10
Shed and Tracks.....		45,939.68		45,939.68
<i>Wharf Unit No. 4:</i>				
Wharves.....		606,804.62		606,804.62
Steel Gangway.....			25,061.64	25,061.64
Traveling Cranes.....			11,351.66	11,351.66
Elevators.....			12,253.52	12,253.52
Conveyors.....			23,682.80	23,682.80
Fire Equipment:				
Automatic Sprinklers.....			35,249.67	35,249.67
<i>Wharf Unit No. 5:</i>				
Wharves.....		11,494.77		11,494.77
<i>Cotton Sheds:</i>				
Buildings.....		479,159.03		479,159.03
Fire Walls.....		11,014.29		11,014.29
Office Buildings and Sheds.....		1,942.00		1,942.00
Fire Pumps.....			1,743.00	1,743.00
Bar Trolley System.....			17,421.88	17,421.88
Equipment.....			2,449.85	2,449.85
<i>Manchester Wharf:</i>				
Wharf and Sheds.....		292,221.26		292,221.26
<i>Other Additions:</i>				
Runways.....			2,084.05	2,084.05
Engine House and Locomotives.....		18,701.36	28,872.65	47,574.01
Fire Equipment.....			1,107.81	1,107.81
Main Street Wharf.....		51,456.26		51,456.26
Wharves Nos. 7 and 8.....		2,950.28		2,950.28
Harbor Belt Railway.....	20,000.00		214,466.77	234,466.77
Roadways.....			17,231.16	17,231.16
Railway Storage Yard.....			59,517.61	59,517.61
Water Mains.....			48,822.37	48,822.37
Retaining Walls.....			3,627.53	3,627.53
Hoisting Engine.....			400.00	400.00
Bridge Hoist, Etc.....			17,135.88	17,135.88
Deep Well.....			6,230.14	6,230.14
Police Signal Boxes.....			900.00	900.00
Sewers and Surveys.....			15,943.02	15,943.02
Ferry.....			400.00	400.00
Patrol Boat.....			1,810.00	1,810.00
Track Scales.....			13,027.73	13,027.73
Stackers.....			1,054.70	1,054.70
Equipment—General.....			11,939.19	11,939.19
	\$587,398.57	\$2,185,021.44	\$598,490.98	\$3,370,910.99
Less Land Sold.....	256,095.00			256,095.00
TOTAL.....	\$331,303.57	\$2,185,021.44	\$598,490.98	\$3,114,815.99

HARRIS COUNTY AUDITOR'S REPORT FOR 1928

Recapitulation of Investment in Port of Houston

	<i>Construction</i>	<i>Maintenance</i>
<i>Channel:</i>		
U. S. Government to June 30, 1928.....	\$8,710,463.66	\$3,731,989.81
Harris County Navigation District to December 31, 1928.....	2,916,810.94	
	\$11,627,274.60	
<i>Facilities:</i>		
City of Houston.....	\$3,465,757.45	
Navigation District.....	6,189,431.36	
	\$9,655,188.81	
Grand Total.....	\$21,282,463.41	

Land Purchased

Up to December 31, 1928, there had been expended from various funds of the District since 1922 the sum of \$1,234,673.53 for land necessary for wharf sites, railroad yards, right-of-ways, etc. This was divided as follows:

Wharves.....	\$ 93,947.90
Roadways.....	27,776.35
Industrial Sites.....	494,738.32
Railroad Yards.....	272,650.20
Grain Elevator Tract.....	11,696.30
Railroad Right-of-Ways.....	333,864.46
	\$1,234,673.53

In addition to these purchases, land has been donated to the District for right-of-way purposes valued at \$75,422.45.

Semi-Annual Settlement With City of Houston Under Lease Agreement

Under the lease agreement between the City of Houston and the Navigation District, by which the Navigation District operates all port facilities of the City, the City has been entitled, after the deduction of operating expenses from gross revenue, to the following amounts:

December 31, 1922.....	\$ 10,685.18
June 30, 1923.....	29,376.48
December 31, 1923.....	3,366.20
June 30, 1924.....	17,500.84
December 31, 1924.....	31,416.90
June 30, 1925.....	44,702.98
December 31, 1925.....	39,527.69
June 30, 1926.....	44,982.25
December 31, 1926.....	102,702.46
June 30, 1927.....	82,376.32
December 31, 1927.....	67,998.63
June 30, 1928.....	21,417.92
December 31, 1928.....	13,584.84

The above amounts with the exception of \$238,002.02, which was paid to the City in cash, have been authorized by the City to be used by the District for various purposes, principally improvements.

Port Terminal Railroad Association

The Port Terminal Railroad Association was organized July 1, 1924, to operate all the facilities of the Public Belt Railroad and connecting trackage with the main trunk lines entering the city.

COUNTY AUDITOR'S REPORT FOR 1928

This Association consists of the Navigation District, Southern Pacific Lines, Missouri Pacific Lines, the Gulf, Colorado and Santa Fe Railway Company, the Trinity and Brazos Valley Railway Company, and the Missouri-Kansas-Texas Railway Company. It provides impartial, efficient, unified and economical switching service by an independent and neutral organization, separate and distinct from these organizations, but for the benefit of all of them, and serves the publicly-owned wharves, docks and other terminal facilities, and affords every railroad entering the City of Houston access thereto without discrimination. This arrangement is proving a very satisfactory solution of the railroad and Port Terminal problem, and with the extension of the Public Belt Railroad and this service along each side of the channel, every industry is guaranteed the maximum of rail and water service.

The control and management of the affairs of the Association are vested in a Board of Control consisting of one representative of each of the railroads and one representative of the Navigation Commissioners, who is chairman of the Board of Control.

Cars handled by the Association during 1928 were as follows:

Line Haul.....	125,163
City Switch.....	59,314
Intra-Terminal Switch.....	2,295
Intra-Plant Moves.....	749
Total.....	187,521

The revenue derived from this source by the Navigation District for the year amounted to \$62,643.05.

Mileage at the end of the year was as follows:

City.....	18.79
Navigation District.....	37.35
Leased.....	2.12
Total.....	58.26

Harbor Patrol

The Port Commission harbor patrol boat "Oliver K," in charge of Captain L. A. McMillian, during the past year made a total of 367 trips along the Ship Channel, covering approximately 4,533 miles. Assistance was rendered the United States Lighthouse Service by reporting sixteen buoys destroyed. Obstructions of various kinds were removed from the Channel, amounting to three barge loads. One hundred and ninety-one obstructions were removed by motor boat. This debris was piled and burned by an extra crew of two to four men working off and on about two-thirds of the year. This material consisted of about 90% of building material, such as sawed lumber, and the balance, logs and drift from tributary streams. Sixteen sets of soundings were made along the wharves and in the channel, and forty-one trips were made with officials and parties making inspections of the channel. Reports were made covering oil pollution conditions on the channel in ninety-four instances, and seventeen automobile trips were made with the deputy Fish, Game and Oyster Commissioner in tracing sources of oil pollution, the greater part, or about 75%, of this pollution being from the oil refineries, and the balance being from storm sewers, loading racks, railroad roundhouses, etc. The State Fish, Game and Oyster Commission are now making strenuous efforts to correct this situation. Ten violations of regulations were reported. Tide readings were made twice each day at the Harrisburg Station.

CO COUNTY AUDITOR'S REPORT FOR 1928

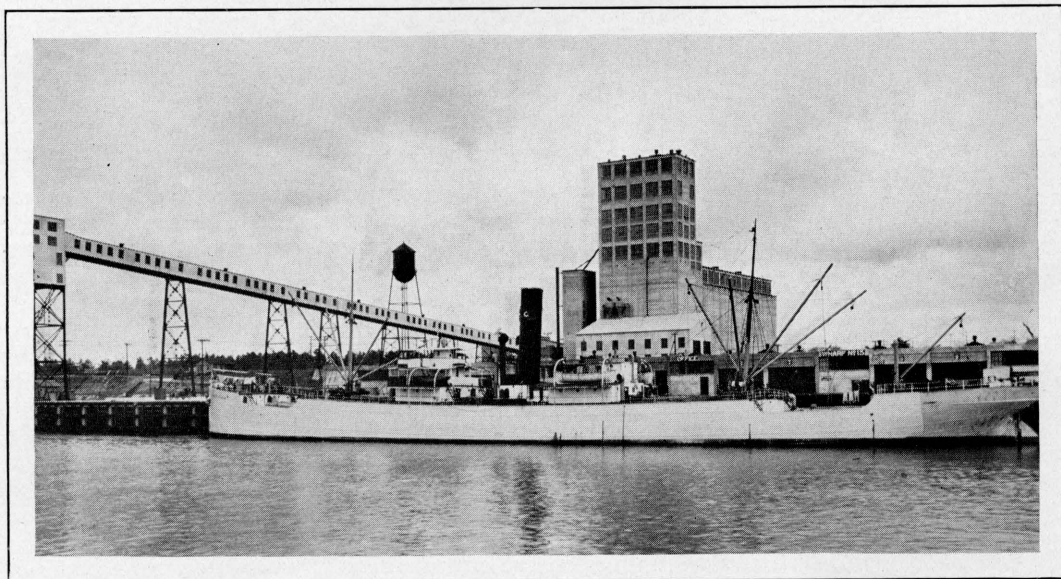
The expense of maintaining the harbor patrol during the past year was as follows:

Gasoline.....	\$ 456.65
Insurance.....	200.00
Miscellaneous.....	22.43
Oil and Grease.....	134.05
Property and Equipment.....	21.97
Printing.....	8.50
Repairs.....	520.59
Rope.....	40.65
Supplies.....	15.85
Salaries.....	3,600.00
Labor.....	2,794.76
	\$7,815.45

Channel Maintenance

The following is an extract from the 1928 Report of the United States Engineers with reference to channel maintenance for the fiscal year ending June 30, 1928:

All work was performed by United States plant and hired labor. The U. S. pipe-line dredges "Sam Houston" and "Raymond" redredged 172,682 cubic yards from the turning basin. The "Raymond" and "San Jacinto" redredged 17,800 linear feet of the channel between Harrisburg cut-off and the Houston Lighting & Power Company plant, dredging to 35 feet at mean low tide in an effort to avoid frequent dredging at this locality; and 20,200 linear feet of the channel between Morgans Point and the mouth of the San Jacinto River to project depth and width, including the easement of a sharp bend about one mile below the mouth of the San Jacinto River; the "San Jacinto" redredged 20,500 linear feet in the upper bay section between Red Fish Reef and Morgans Point to project depth and width, and redredged 5,125 linear feet of the channel at the entrance of Bolivar Roads, including the easement of a sharp bend at that locality. A total of 4,227,636 cubic yards silt, sand, and clay was removed in all this maintenance work. The total cost of the above maintenance was \$457,879.01.



Publicly Owned Grain Elevator at the Port

COUNTY AUDITOR'S REPORT FOR 1928

Grain Elevator

The grain elevator at Port Houston represents a total capital outlay to date of \$1,338,399.20, and has been in operation since July 1, 1926.

Earnings and expense for the past year were as follows:

Earnings:

Cleaning.....	\$ 6.50
Clipping.....	674.83
Cooling and Smutting.....	137.87
Drying.....	593.88
Elevation.....	38,107.81
Grain Doors.....	61.00
Loading.....	75.00
Storage.....	33,113.58
Miscellaneous Revenue.....	231.26
Total.....	\$73,001.73

Expense:

Cable and Rope.....	\$ 333.35
Chemicals.....	335.32
Electrical Supplies.....	225.25
Fuel (Coal for Dryer).....	274.70
Grease and Oil.....	131.99
Hardware.....	424.51
Insurance.....	5,616.54
Labor.....	10,932.12
Light and Power.....	2,851.97
Miscellaneous.....	171.12
Motor Equipment Expense.....	314.54
Property and Equipment.....	161.79
Repairs.....	1,496.85
Salaries.....	32,462.76
Services (Merchants Exchange).....	2,851.32
Stationery, Printing and Office Supplies.....	230.22
Telephone, Telegraph.....	464.77
Traveling Expenses.....	619.29
Watch Service.....	4,925.02
Waste, Rags and Other Supplies.....	81.16
Water and Ice.....	94.24
Total.....	64,998.83
Excess.....	8,002.90

Statement of Business Handled by Grain Elevator, Calendar Year 1928

Grain	Stock 12/31/27 (Bushels)	Receipts (Cars)	Receipts (Bushels)	Shipments (Bushels)	Stock 12/31/28 (Bushels)
Wheat.....	9,691	679	1,009,560	962,981	56,268
Corn.....	106,929	447	636,064	671,319	71,674
Kaffir.....	52,345	469	680,678	643,546	89,474
Milo.....	64,157	73	102,595	152,480	14,274
Barley.....	.....	369	630,212	615,634	14,581
Oats.....	.....	3	5,595	5,595	.....
Totals.....	233,122	2,040	3,064,704	3,051,555	246,271

Fifty-three ships loaded grain during the year for the following ports:

	Wheat	Barley	Corn	Kaffir	Milo
Antwerp.....	178,148	.....	51,429	98,657	.....
Bremen.....	.....	575,000	.....	235,356	59,758

COUNTY AUDITOR'S REPORT FOR 1928

<i>Grain</i>	<i>Stock 12/31/27 (Bushels)</i>	<i>Receipts (Cars)</i>	<i>Receipts (Bushels)</i>	<i>Shipments (Bushels)</i>	<i>Stock 12/31/28 (Bushels)</i>
Cardenas.....			901		
Gibraltar (Orders).....	459,078				
Hamburg.....	104,000		145,714		
Havana.....			12,811		
Havre.....	56,000				
Hull.....			102,857		
Liverpool.....				4,000	
Manchester.....			42,857		
Norresunby.....			42,857		
Rotterdam.....	64,000	50,000	214,362	294,068	98,843
Seaw.....			61,200		
	861,226	625,000	674,988	632,081	158,601

Fireboat "Port Houston"

The fireboat "Port Houston," constructed in 1926, at a total cost of \$307,398.16, was operated during the year 1928 at a total cost of \$46,283.53, as follows:

Chemicals.....	\$ 141.75
Clothing.....	731.80
Electrical Supplies.....	69.02
Fuel (Including Fuel Oil).....	577.09
Oil, other than Fuel Oil.....	698.25
Insurance.....	6,696.90
Supplies.....	109.64
Light and Power.....	896.12
Repairs.....	5,093.31
Paint, etc.....	699.34
Hardware.....	152.90
Property and Equipment.....	207.63
Provisions, Water and Ice.....	89.38
Rope.....	141.30
Salaries, Officers and Crew.....	13,314.25
Salaries, Firemen.....	16,263.45
All Other Expense.....	401.40
Total.....	\$46,283.53

The average crew during the year consisted of 18 men.

The above compared with the year 1927 as follows:

Salaries, Officers, Firemen and Crew.....	\$20,742.74
Fuel Oil.....	162.08
Insurance.....	7,398.47
Light and Power.....	630.50
Repairs and Parts.....	1,324.59
Supplies.....	1,124.81
All Other.....	195.51
Total.....	\$31,578.70

The average crew in 1927 consisted of 15 men.

Alarms Answered by Fireboat During Year 1928

<i>1928</i>	<i>Box No.</i>	<i>Stills</i>	<i>Time</i>	<i>Location</i>	<i>Equipment Used</i>
June 5th.....	595	....	7:20 A. M.	Wharf No. 12	
June 15th.....		Yes	9:50 A. M.	Wharf No. 1	
July 3rd.....	82-59	....	4:25 P. M.	Ship Channel Compress.	12 ft. ladder.
August 20th.....	591	....	8:55 P. M.	Suderman-Young Shell Rig	12 ft. ladder and 6 gals. chemical
August 25th.....		Yes	8:55 P. M.	Dock No. 4	3 gallons chemical.
December 24th.....		Yes	12:40 A. M.	Cotton Patch Bayou	1 line of water, 550 ft. of hose.

COUNTY AUDITOR'S REPORT FOR 1928

Fire Insurance Carried by District

Wharf Shed No. 1.....	\$ 125,000.00
Additions to Wharf Shed No. 1, Including Awnings and Platforms and Wharf Apron Around Wharf No. 1.....	177,000.00
Wharf Shed No. 2.....	35,000.00
Wharf Shed No. 3.....	12,000.00
Wharf Shed No. 4, Including Small Office Building at East End.....	100,000.00
Steel Crane Shed and Electric Crane.....	75,000.00
Wharf No. 5.....	7,500.00
Warehouse Building Back of Wharf Shed No. 4.....	200,000.00
Wharves Nos. 7 and 8.....	250,000.00
Cotton Concentration Sheds and One Small Office.....	175,000.00
Manchester Wharf Shed.....	75,000.00
Engine House at Turning Basin.....	5,000.00
South Section of Bridge Across Brays Bayou at Harrisburg.....	3,000.00
North Section of Bridge Across Brays Bayou at Harrisburg.....	8,000.00
Bridge Across Sims Bayou Near LaPorte Road.....	9,000.00
Bridge Across Vincennes Bayou Just East of Houston Lighting & Power Company Deepwater Plant Near Pasadena.....	8,500.00
Water Towers and Pump Houses Located on South Side and Adjacent to No. 8 on North Side	5,000.00
Portable Mechanical Equipment, Excluding Automobiles.....	6,000.00
Portable Mechanical Equipment, Excluding Automobiles, Being Equity in Property Belonging to the U. S. Government and Leased to the District.....	20,000.00
Wharf Shed No. 11.....	60,000.00
Wharf Shed No. 12.....	100,000.00
Wharf Shed No. 13.....	60,000.00
Wharf Shed No. 15.....	60,000.00
Office and Pump House, Including Machinery Therein, Located Between Wharves Nos. 11 and 12.....	3,000.00
Section House Located at Corner of Houston Harbor Avenue and Clinton Road.....	500.00
Switch Yard Office Located on Houston Harbor Avenue about Munn Street.....	750.00
Railroad Water Tank and Wooden Tower.....	600.00
Bridge Across Little Vincennes Bayou at Pasadena.....	10,000.00
Creosoted Pile Trestle, Ballasted Deck Extending from Embankment to West End of Wharf No. 10, North of Turning Basin.....	10,000.00
Superintendent's Office, Located Near 75th and Avenue P, South Side of Turning Basin.....	4,000.00
Office Furniture, Fixtures and Equipment in the Above Described Building.....	750.00
Machine Shop and Warehouse Building Located About 100 Feet Northwest of Wharf No. 10	2,000.00
Machinery, Tools, Shop Furniture, Fixtures and Equipment Therein.....	1,000.00
Stock of Every Description Therein or Adjacent Thereto.....	1,000.00
Total.....	\$1,609,600.00

NOTE: No Tornado Insurance is carried by the Navigation District, on account of excessive premium.

Public Wharf Facilities

Wharf	Length Feet	Berthing Capacity	Covered Area, Sq. Ft.	Open Area, Sq. Ft.	Railroad Car Storage	Material	
						Wharf	Shed
Number 1.....	819	2 Vessels	85,336	26,820	83	Creosoted Pile	Concrete and Sheet Iron
Number 2.....	522	1 Vessel	53,500	23,190	55	Concrete	Wood and Sheet Iron.
Number 3.....	799	2 Vessels	15,140	9,349	23	Concrete	Wood and Sheet Iron.
Number 4.....	777	2 Vessels	60,827	27,841	73	Concrete	Concrete.
Number 5.....	104	1 Vessel	.....	4,514	8	Wood	.....
Numbers 7 and 8.....	800	2 Vessels	74,166	20,514	32	Wood	Wood.....
Manchester Wharf.....	500	1 Vessel	86,836	17,164	30	Concrete	Steel.
Distribution Warehouse.....	.....	.....	201,203	.....	82	.....	Concrete.
Cotton Concentration Sheds	.....	.....	277,163	.....	150	.....	Wood.
Number 10.....	600	1 Vessel	.....	118,000	109	Concrete	Open.
Number 11.....	530	1 Vessel	66,660	29,160	65	Concrete	Concrete.
Number 12 (2 Story).....	530	1 Vessel	126,364	29,260	60	Concrete	Concrete.
Number 13.....	480	1 Vessel	62,176	32,500	57	Concrete	Concrete, also Gr. Berth
Number 14.....	443	1 Vessel	.....	49,040	4	Concrete Pile	Grain Berth.
Number 15.....	497	1 Vessel	65,640	21,830	26	Concrete	Concrete.
Totals.....	7,401	17 Vessels	1,175,011	409,182	857		

COUNTY AUDITOR'S REPORT FOR 1928

Wharf No. 1—This wharf is 819 feet in length, constructed of creosoted pile with wooden deck served by a concrete warehouse 100 by 425 feet in size, together with additional galvanized iron sheds containing approximately 35,000 square feet. It is equipped with cotton seed cake grinding equipment on the east end, which is operated by the Texas Export & Import Company in handling their large volume of export of cotton seed cake and products through this Port.

Wharf No. 2—522 feet long, concrete construction, with transit shed 105x483 feet in size. Two railroad tracks reach the ship side. This wharf is used for miscellaneous cargo.

Wharf No. 3—799 feet long, concrete construction, for open storage and railroad connection. Two tracks reach the ship side. On the east end of this wharf there is a galvanized iron transit shed with approximately 15,140 square feet of storage area.

Wharf No. 4—777 feet long, concrete construction, with a concrete transit shed 662x100 feet in size. There are three inclined conveyors here from ship to shed. No railroad tracks reach the ship side, but behind the shed are five tracks spanned by a twenty-ton electric traveling crane and two trucking bridges connecting the transit shed with a concrete warehouse 600x400 feet in size, U shape, served with three railroad tracks between the wings and two on the east side. A large inclined traveling conveyor with a capacity of 100 tons per hour has been installed to carry cargo from ship to warehouse in a continuous movement. Portable conveyors and a sacking machine have also been provided to facilitate the movement and placing of freight. This wharf and warehouse are designed for general merchandise.

Wharf No. 5—104 feet long and 40 feet wide, but with additional pile clusters, provides a berth for oil tankers to discharge cargo through large pipe lines into the tanks of the Houston Oil Terminal Company, located on the top of the hill at southwest corner of the property, where it is distributed by other pipe lines to the bunkers and into railroad tank cars, for shipment.

Wharves Nos. 7 and 8—120 feet wide, 800 feet long, creosoted pile construction, with wood shed, fire wall in middle and along rear, transit shed 94x800 feet, supported in the rear by three cotton concentration sheds, 650 feet long and 120 feet wide, and the two compresses of the Turning Basin Compress Company, which provides storage for about 50,000 bales of cotton.

Wharf No. 10—600 feet long, concrete pile and concrete cross-wall construction, containing three shipside tracks and gantry rail tracks, with 118,000 square feet of open storage, unlimited floor load.

Wharf No. 11—530 feet long, concrete pile and cross-wall construction, with concrete one-story transit shed, roof with loading of 300 pounds per square foot, designed to be floor of second story whenever conditions warrant construction.

Wharf No. 12—Same description as Wharf No. 11.

During the year 1927 Wharf No. 12 had its capacity increased by the addition of a second story containing some 66,000 square feet, which has been equipped with a modern cotton seed cake grinding plant installed by the Maurice Pincoffs Company, who will operate their cake exporting business from this wharf under lease for the next ten years.

Wharf No. 13—480 feet long, same description as Wharf No. 11. Fitted for grain loading berth.

Wharf No. 14—Open wharf constructed of concrete, 500 feet in length, equipped with two railroad tracks on the apron to tracks in the rear of Wharves Nos. 13 and 15. This berth is especially designed for the handling of grain, the grain gallery from the Elevator being constructed on this wharf and extending from the center of Wharf No. 14 to the upper end of Wharf No. 13, providing a loading berth for two ships with eleven dock spouts. Provisions are also made for extending the grain gallery downstream over the lower half of No. 14 and No. 15 when additional loading facilities are required. Bulk cargo, such as coal, ore, sulphur, fertilizer, phosphate, etc., can be handled over this wharf to or from ships and cars.

Wharf No. 15—This wharf, of the same description as Wharves Nos. 11 and 12, is 460 feet in length and provides an additional berthing space for the handling of general cargo through a shed which will contain approximately 66,000 square feet of area.

Manchester Wharf, located two miles below Turning Basin—This wharf is of concrete, 500 feet long and 200 feet wide, with a steel transit shed 480x180, served by three tracks from the rear. A belt carrier house for grain connects the wharf with the American Maid Flour Mill plant, 600 feet in the rear of wharf, which has a storage capacity of 1,000,000 bushels.

Main Street Wharf—573 feet long, designed for barge and light draft traffic. Located on the upper channel, seven miles from the Turning Basin and deep water channel.

Privately Owned Terminal and Industrial Facilities

(Extract from Houston Port Book, November, 1928)

As soon as Houston was assured of becoming a deep-water port, private capital began to take an active interest in its development and to secure suitable locations along the channel for the establishment of industries where proper water and rail connection could be provided at least expense.

These industries have now a capital investment of about \$125,000,000, and employ about 12,800 men, with a daily payroll of approximately \$79,000. New industries are establishing plants on the waterway each year, and the existing ones are making substantial additions from time to time.

COUNTY AUDITOR'S REPORT FOR 1928

These private plants now have 11,575 linear feet of wharves, sufficient to berth thirty-two vessels. The following is a summary of the plants and their facilities, beginning at the Turning Basin.

Houston Oil Terminal Co.—Handling fuel and bunker oil, using Public Wharf No. 3. Supplying vessels and railroads and industries.

W. D. Haden.—Handling mud and shell from barges for road, street and railroad work. Using upper end of Wharf No. 5.

Turning Basin Compress Co.—Two high density compresses, storage, classing and shipping. Working over Wharves 7 and 8.

Houston Terminal Refining Co.—(Subsidiary Houston Oil Terminal Co.) 85-acre tank farm and refinery. Import and export oil terminal. Canning and casing plant. Serving the interior producers and refiners. Located on north back of Channel, at Houston.

Ralston Purina Co.—Receiving shipload cargoes of molasses for distribution throughout the state. Pipe line over Armour wharf.

Houston Poultry Feed and Fertilizer Company.—Shell grinding plant. Barge landing.

Parker Brothers—Wharf site No. 17, sand and shell unloading rig, north side Channel.

Armour Fertilizer Works—Manufacture of commercial fertilizer. Shipments of phosphate rock received by vessels. Sulphur by carload from Texas mines. Own wharf.

Houston Compress Co.—Long Reach plant, just below Basin. Three high density compresses, concrete wharf 3504 feet long, two-story concrete sheds with storage for 250,000 bales of cotton. Cargo of all kinds handled by this Company.

Ship Channel Compress Co.—(Alexander Sprunt & Son). Two high density compresses, two-story brick and concrete storage warehouses, with capacity of 60,000 bales. Wharf 800 feet long.

Magnolia Compress & Warehouse Co.—Two high density compresses, large brick and cement warehouses, capacity 100,000 bales. Barge wharf about 1,300 feet long.

W. D. Haden—Location No. 2, shell handling plant, mouth of Brays Bayou. Shell for road and street work.

Horton & Horton—Shell unloading rig in Brays Bayou at Southern Pacific Bridge.

Harrisburg Lumber Co.—Saw mill. Logs received by raft and barge.

Boat basin and marine repair yard for care of yachts and pleasure boats.

John L. Bludworth—Marine ways and boat repair yard.

The Texas Company—Oil and gasoline supply station for small craft.

The Humble Oil & Refining Co.—Oil station for small craft and vehicles.

Peden Iron & Steel Co.—Ship chandlery and vessel supplies.

B. H. Elliott Ship Building Co.—Marine ways and ship repair yard. Tugs and barges built and repaired.

Parker Brothers—Shell and sand unloading plant in old channel, Harrisburg.

Harrisburg Machine & Foundry Co.—All kinds of ship and machine repairs.

Gulf Refining Co.—Oil and gasoline supply station for small craft.

Tex-Chemical Co.—Large chemical plant manufacturing sulphuric acid, bone carbon, fertilizer, etc.

Deepwater Oil Refineries.—Refiners of coastal and midcontinent oils, turning out high grade lubricants. Own barge wharf.

Magnolia Petroleum Co.—Crude oil storage and supply station. Own barge wharf.

Texas Portland Cement Co.—Large plant manufacturing high grade Portland cement from oyster shell and clay. Capacity 3,300 barrels per day, operating three kilns. Barge and ship wharf.

Channel Fuel Co.—Coal storage and supplying bunkers to vessels, distribution throughout State. Storage 20,000 tons, loads vessels 150 tons per hour. Use own wharf on City property.

American Maid Flour Mills—Flour mill and grain elevator. 1,000,000 bushels capacity. Carrier house to Manchester public wharf, loading capacity 20,000 bushels per hour.

Humble Oil & Refining Co.—Fuel oil, gasoline and kerosene distributing station and storage tanks. Small craft wharf.

Carnegie Steel Co.—Wharf, warehouse and assembling plant.

Rio Bravo Oil Co.—Oil Storage and railroad supply tankage.

Southern Pacific Lines—(Morgan Line) New steamship terminal at Clinton. First unit to berth six vessels. Coastwise shipment of cotton and general merchandise.

Suderman & Young—Shell unloading rig, Morgan Line Wharf. Shell for roads and railroad ballast.

Manchester Terminal Corporation—Cotton Compresses. Concrete wharves and storage warehouses for 250,000 bales of cotton. Berths for four ships; general cargo handled.

W. D. Haden—Marine ways for barge and small craft repairs in Sims Bayou near Public Belt Railroad Bridge.

W. D. Haden—Shell unloading rig and sidetracks in Sims Bayou near Public Belt Railroad bridge.

Clarion Oil Co.—Storage and shipment of crude oils. Ship wharf.

Gulf Refining Co.—Oil terminal with slips for tankers and rail facilities.

Sinclair Refining Co.—Refiners and shippers of crude and refined oils. Wharf 1400 feet long, pipe line connection to all mid-west fields. Petroleum coke loading plant.

Houston Lighting & Power Co.—Electric power plant, 100,000 K. W. capacity, ultimate capacity 200,000 K. W. High tension power lines extending along each side of channel provide ample power for city and industrial use. Wharf.

The Texas Co.—Location No. 2. Oil storage tank farm. Wharf.

The Texas Co.—(Galena-Signal Oil Co. plant). Refining and shipment of crude and refined oils. Pipe line connections to large fields. 400-foot wharf.

Crown Oil & Refining Co.—(Crown-Central Corporation.) Oil refining and shipping by vessel. Wharf 400 feet.

COUNTY AUDITOR'S REPORT FOR 1928

Shell Oil Corporation—Have acquired site on Channel of 650 acres, on which they are constructing a large refinery and tank farm.

Horton & Horton—Slip, wharves, shell unloading rig, marine ways and repair yard.

American Petroleum Co.—(Tank farm and storage.) Shipment of crude oils. Wharf 150 feet.

Gulf Pipe Line Co.—Oil storage and mixing plant. Shipment by vessel and pipe line. Wharf 400 feet.

Humble Oil & Refining Co.—Refinery at Baytown. Refining and shipment of crude and refined oils. Two concrete wharves 600 and 400 feet long, barge wharf 250 feet.

Sun Oil Co.—Oil storage, pipe line and barge wharf.

E. F. Simms Co.—Tank farm and storage, barge and pipe line shipments.

La Porte Oil & Refining Co.—Refiners. Barge wharf.

Pay-Tex Oil & Refining Co.—Refiners. Barge wharf.

The Texas Company—Location No. 3, oil and gasoline supply station small craft. Morgans Point.

A large private waterfront terminal is under construction by Capt. C. A. Barbour and Associates on the west side of San Jacinto Bay just above Morgans Point.

The franchise granted by the Navigation District provides for a branch channel 350 feet wide and 30 feet deep, about 1½ miles long, with a turning basin about 1000 feet square. The material excavated will be placed to form a larger pier on the bay side.

This terminal will provide industrial sites suitable for all types of plant with adequate water, rail and highway connections.

The Goose Creek oil field is located on the banks of the Channel just above Morgans Point, where several hundred derricks can be seen. This field has a daily production of approximately 20,000 barrels.

Natural Gas. The channel industrial area is served on each side of the waterway by natural gas piped from the fields by the Houston Gulf Gas Company; Houston Natural Gas Company; and the Dixie Pipe Line Company, whose mains are available to all industries.

Other companies having large tank farms and storage facilities on the channel are:

- The Texas Company.
- Magnolia Petroleum Co.
- American Petroleum Company.
- Clarion Oil Company.
- Rio Bravo Oil Company.
- Houston Oil Terminal Company.

Navigation District Tax Rate, 1928-1929

1911 Interest and Sinking.....	\$.022
1914 Interest and Sinking.....	.002
1919 Interest and Sinking.....	.033
1923 Interest and Sinking.....	.103
1924 Interest and Sinking.....	.013
1927 Interest and Sinking.....	.032
C. and M.....	.010
Total.....	\$.215

Bonded Indebtedness

1911 (Canal) 4½s—10, 20, 30, 40 years, dated June 1, 1911, Original Issue.	\$1,250,000.00
Redeemed, Nos. 1 to 312; 318 to 319; 331 to 333; 356 to 360; 380 to 381; 412 to 415; 442 to 451; 457; 500 to 552; 593 to 597; 698 to 749; 1009 to 1044; 1062; 1249.	486,500.00
Outstanding.	\$ 763,500.00
1914 (Dredge) 5s—40 years, dated March 1, 1914, Nos. 1 to 250, Original Issue	\$ 250,000.00
Redeemed. . . . .	. . . . .
Outstanding.	\$ 250,000.00
1919 5s—dated August 1, 1919, maturing \$50,000.00 each year, for 30 years, Nos. 1 to 1500, Original Issue.	\$1,500,000.00
Redeemed, Nos. 1 to 450.	450,000.00
Outstanding.	\$1,050,000.00
1923 5s—dated April 15, 1923, maturing \$130,000.00 each year, 1924 to 1928, \$134,000.00 each year, 1929 to 1954, Nos. 1 to 4000, Original Issue.	\$4,000,000.00
Redeemed, Nos. 1 to 650.	650,000.00
Outstanding.	\$3,350,000.00

COUNTY AUDITOR'S REPORT FOR 1928

1924 4½s—dated September 15, 1924, maturing \$17,000.00 each year for first 20 years, and \$16,000.00 each year for next 10 years, Original Issue.	\$ 500,000.00
Redeemed, Nos. 1 to 68.	68,000.00
Outstanding.	\$ 432,000.00
1927 5s—dated February 1, 1927, maturing \$15,000.00 every other year, 1930 to 1948, and \$20,000.00 every other year from 1949 to 1957, Original Issue.	\$ 250,000.00
Redeemed. . . . .	. . . . .
Outstanding.	\$ 250,000.00
1927 4½s—dated February 1, 1927, maturing \$50,000.00, 1928, \$35,000.00 every other year, 1930 to 1948, \$30,000.00 every other year, 1949 to 1957, \$50,000.00 every other year, 1929 to 1947, and \$50,000.00 every other year, 1950 to 1956, Original Issue.	\$1,250,000.00
Redeemed, Nos. 1 to 50.	50,000.00
Outstanding.	\$1,200,000.00
TOTAL OUTSTANDING BONDS.	\$7,295,500.00

Condition of Sinking Fund

December 31, 1928

<i>1911 Bonds: Dated June 1, 1911, Serial 4½%:</i>	
1 to 312 and 1249, maturing June 1, 1921.	\$ 312,500.00
313 to 624 and 1250, maturing June 1, 1931.	312,500.00
625 to 936 and 1251, maturing June 1, 1941.	312,500.00
937 to 1248 and 1252, maturing June 1, 1951.	312,500.00
Total Original Issue.	\$1,250,000.00
Redeemed: Nos. 1 to 312, 318 to 319, 331 to 333, 356 to 360, 380 to 381, 412 to 415, 442 to 451, 457, 500 to 552, 593 to 597, 698 to 749, 1009 to 1044, 1062 and 1249.	\$ 486,500.00
Outstanding.	\$ 763,500.00
Nos. 313 to 317, 320 to 330, 334 to 355, 361 to 379, 382 to 411, 416 to 441, 452 to 456, 458 to 499, 553 to 592, 598 to 624, and 1250, due June 1, 1931.	\$ 227,500.00
Less Cash in Depository.	\$ 123,107.64
Less Securities.	58,000.00
.	181,107.64
Three years to run, at.	\$ 15,464.12
Interest, June and December.	34,357.50
.	\$ 49,821.62
Less Interest on Securities one year.	2,047.50
Necessary to raise this year.	\$ 47,774.12
Redeemed (\$312,500.00 less \$227,500.00).	\$ 85,000.00
Cash in Depository.	123,107.64
Securities.	58,000.00
.	\$ 266,107.64
Seven years at \$31,250.00.	218,750.00
Excess.	\$ 47,357.64

COUNTY AUDITOR'S REPORT FOR 1928

<i>1914 Bonds: Dated March 1, 1914, 5%, 40 years, Original Issue (All Out-standing)</i>		\$ 250,000.00
Less Cash in Depository.....	\$ 27,773.29	
Less Securities.....	81,000.00	108,773.29
Twenty-six years to run, at.....	\$ 5,431.79	
Interest, March and September.....	12,500.00	
Less Interest on Securities, one year.....	\$ 17,931.79	
	4,120.00	
Necessary to raise this year.....	\$ 13,811.79	
Redeemed.....	\$	
Cash in Depository.....	27,773.29	
Securities.....	81,000.00	\$ 108,773.29
Fourteen years at \$6,250.00.....		87,500.00
Excess.....		\$ 21,273.29

<i>1919 Bonds: Dated August 1, 1919, 5%, Maturing \$50,000.00 each year for 30 years, on August 1, Nos. 1 to 1500, Original Issue</i>		\$1,500,000.00
Redeemed: Nos. 1 to 450.....		450,000.00
Outstanding.....		\$1,050,000.00
Nos. 451 to 500, due August 1, 1929.....	\$ 50,000.00	
Interest, February and August.....	52,500.00	
Less Cash in Depository.....	\$ 102,500.00	
	18,060.12	
Necessary to raise this year.....	\$ 84,439.88	
Redeemed.....	\$ 450,000.00	
Cash in Depository.....	18,060.12	\$ 468,060.12
Nine Years at \$50,000.00.....		450,000.00
Excess.....		\$ 18,060.12

<i>1923 Bonds: Dated April 15, 1923, 5%, Maturing \$130,000.00 each year for first 5 years, and \$134,000.00 each year for next 25 years, on April 15th, Nos. 1 to 4000, Original Issue</i>		\$4,000,000.00
Redeemed: Nos. 1 to 650.....		650,000.00
Outstanding.....		\$3,350,000.00
Nos. 651 to 784, due April 15, 1929.....	\$ 134,000.00	
Interest, April and October.....	164,150.00	
Less Cash in Depository.....	\$ 298,150.00	
	27,808.07	
Necessary to raise this year.....	\$ 270,341.93	
Redeemed.....	\$ 650,000.00	
Cash in Depository.....	27,808.07	\$ 677,808.07
Five years at \$130,000.00.....		650,000.00
Excess.....		\$ 27,808.07

COUNTY AUDITOR'S REPORT FOR 1928

1924 Bonds: Dated September 15, 1924, 4½%, Maturing \$17,000.00 each year for first 20 years and \$16,000.00 each year for next 10 years, on September 15th, Nos. 1 to 500, Original Issue.....

	\$	500,000.00
Redeemed: Nos. 1 to 68.....		68,000.00
Outstanding.....		\$ 432,000.00
Nos. 69 to 85, due September 15, 1929.....	\$	17,000.00
Interest, March and September.....		19,440.00
	\$	36,440.00
Less Cash in Depository.....		5,868.08
Necessary to raise this year.....	\$	30,571.92
Redeemed.....	\$	68,000.00
Cash in Depository.....		5,868.08
		\$ 73,868.08
Four years at \$17,000.00.....		68,000.00
Excess.....	\$	5,868.08

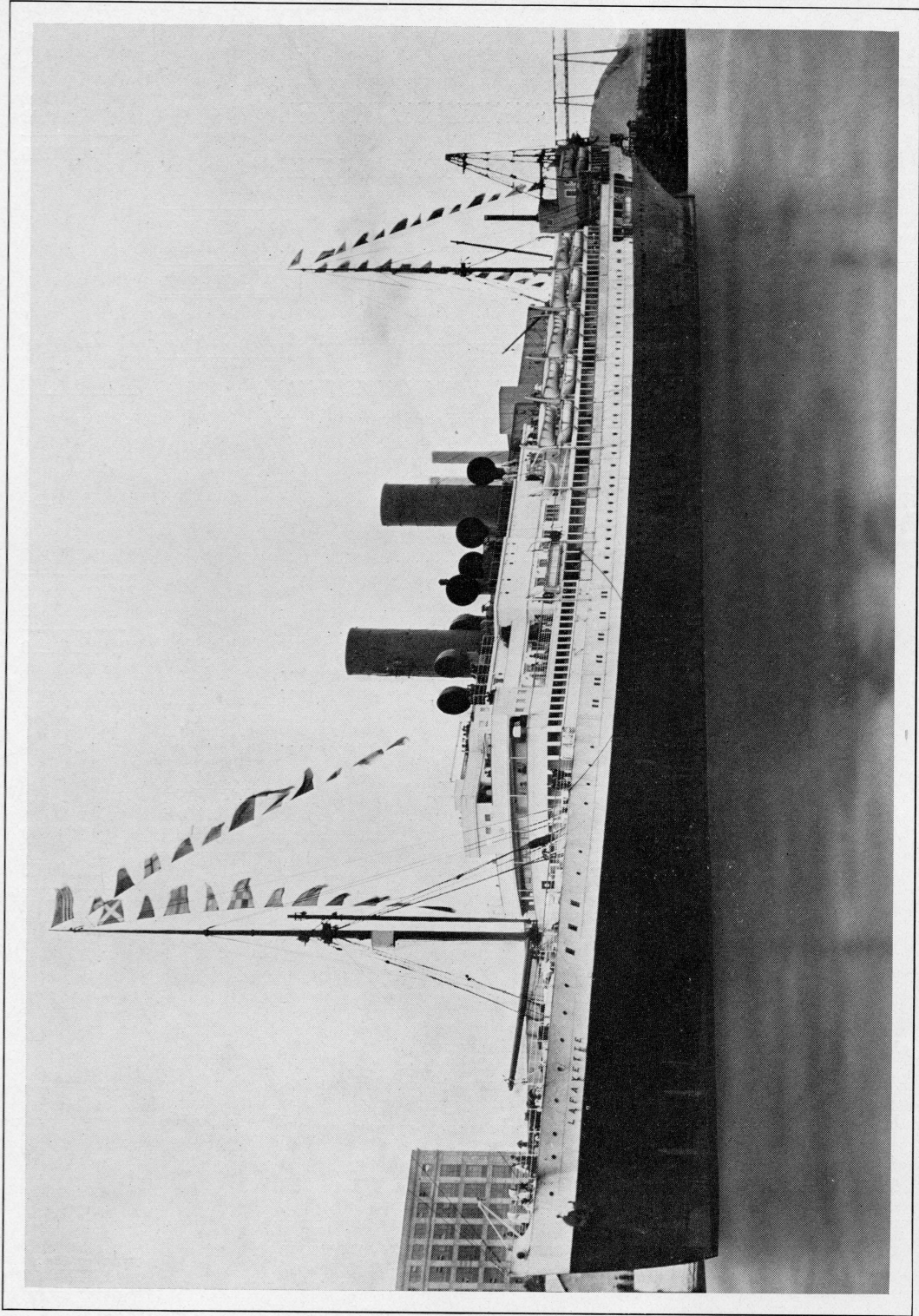
1927 Bonds: Dated February 1, 1927, 5%, maturing \$15,000.00 every two years, 1930 to 1948, and \$20,000.00 every 2 years, 1949 to 1957, Original Issue....

	\$	250,000.00
<i>Dated February 1, 1927, 4½%, Maturing \$50,000.00 1928-1929, then alternating \$35,000.00 and \$50,000.00, 1930 to 1948, then alternating \$30,000.00 and \$50,000.00, 1949 to 1957, Original Issue.....</i>		\$1,250,000.00
		\$1,500,000.00
Redeemed: Nos. 1 to 50.....		50,000.00
Outstanding.....		\$1,450,000.00
Nos. 51 to 100, due February 1, 1929.....	\$	50,000.00
Interest, February and August.....		65,375.00
	\$	115,375.00
Less Cash in Depository.....		42,947.00
Necessary to raise this year.....	\$	72,428.00
Redeemed.....	\$	50,000.00
Cash in Depository.....		42,947.00
		\$ 92,947.00
One year at \$50,000.00.....		50,000.00
Excess.....	\$	42,947.00

Securities Owned by Sinking Funds

Dredge Sinking:

14 Drainage District No. 8 Bonds, 6% Semi-Annual, Nos. 93 to 106, maturing 1943 to 1946, purchased June 15, 1922.....	\$	7,000.00
74 Navigation District 1923 Bonds, 5% Semi-Annual, Nos. 1156 to 1186, maturing 1932, Nos. 1218 to 1260 maturing 1933, purchased February 15, 1926.....		\$ 74,000.00
 <i>Canal Sinking:</i>		
58 Road and Bridge 1924 Bonds, 5% Semi-Annual, Nos. 101 to 125, maturing 1929, 126 to 150 maturing 1930, 151 to 158 maturing 1931, traded for Navigation 1923 Bonds (held as securities by this fund) February 25, 1927.....		\$ 58,000.00
Total.....	\$	139,000.00



At the Municipal Wharves

COUNTY AUDITOR'S REPORT FOR 1928

STATISTICAL

Detail of Commercial Statistics, 1928

IMPORTS				Commodities	Units	Short Tons	Value
Commodities	Units	Short Tons	Value				
<i>Belgium:</i>							
Miscel. Cargo.....		202.6	\$ 71,190				
Asbestos Goods.....	29,365 Pkgs.	1,032.8	103,280	<i>Finland:</i>			
Bagging.....	58 Bales	26.9	2,323	Paper, Newsprint..	246 Rolls	127.6	\$ 9,570
Beans.....	1,450 Bags	72.3	5,985	Total.....		127.6	\$ 9,570
Cement.....	481,471 Bags	19,997.7	399,954	<i>France:</i>			
Chemicals.....	1,048 Bbbs.	349.2	34,920	Miscel. Cargo.....		48.8	\$ 12,720
Cordage.....	25 Bales	5.7	570	Chemicals.....	133 Bbbs.	12.9	1,290
Creosote.....	29,586 Bbbs.	4,931.0	295,860	Cotton Pc. Goods..	48 Cs.	10.8	1,080
Crockery.....	62 Cs.	19.6	1,960	Furniture.....	13 Crts.	2.7	740
Earthenware.....	138 Cs.	37.0	3,700	Soda.....	160 Cs.	47.4	4,740
Electric Supplies..	23 Cs.	9.1	910	Total.....		122.6	\$ 20,570
Fullers Earth.....	600 Bags	67.9	1,358	<i>Germany:</i>			
Furniture.....	18 Crts.	1.6	550	Miscel. Cargo.....		698.2	292,980
Glass, Plate.....	15 Cs.	19.9	9,950	Automobile.....	3 Crts.	3.5	4,500
Granite.....	33 Cs.	58.1	2,905	Bagging.....	6,727 Bales	2,382.3	237,230
Guns.....	668 Cs.	46.8	55,200	Beans.....	270 Bags	29.7	1,485
Hair.....	284 Bales	37.6	3,760	Brick.....	17 Cs.	1.4	150
Hardware.....	19,558 Pkgs.	758.0	75,800	Canned Goods.....	1,355 Cs.	31.8	6,730
Kainit.....	Bulk	359.9	12,539	Cement.....	22,800 Bags	1,140.0	22,803
Machinery.....	2 Cs.	1.3	130	Chemicals.....	3,051 Bbbs.	325.8	35,020
Manure Salts.....	Bulk	297.9	8,937	Chlorate.....	2,250 Bbbs.	263.8	26,380
Pipe.....	2,155 Pcs.	152.3	8,780	Clay.....	240 Bags	19.8	396
Potash.....	3,876 Bags	387.6	13,378	Cordage.....	2,017 Bales	73.7	7,370
Rails—New.....	Bulk	2,762.3	110,492	Corkboard.....	6,708 Cs.	286.4	28,640
Shingles, Asbestos.	115,248 Bbbs.	3,531.5	353,150	Cotton Pc. Goods..	34 Cs.	4.0	2,000
Soda.....	650 Cs.	53.5	5,350	Crockery.....	8,212 Cs.	1,317.8	131,780
Steel.....	990 Bbbs.	593.9	23,756	Drugs.....	550 Cs.	39.9	3,990
Steel, Sheets.....	19,126 Bbbs.	3,189.1	123,735	Earthenware.....	84 Cs.	14.5	1,450
Steel, Structural...	Bulk	23,416.2	897,671	Fertilizer.....	545 Bags	60.1	1,803
Ties and Hoops....	82,726 Bbbs.	1,657.0	77,550	Furniture.....	36 Crts.	4.8	1,080
Waste.....	84 Bales	16.4	435	Granite.....	42 Cs.	19.9	1,045
Total.....		64,092.7	\$2,706,078	Guns.....	3 Cs.	1.0	500
<i>Brazil:</i>				Hardware.....	11,054 Pkgs.	430.9	43,090
Coffee.....	67,993 Bags	4,495.8	\$ 1,362,680	Iron, Pig.....	Bulk	56.9	1,707
Total.....		4,495.8	\$ 1,362,680	Iron, Scrap.....	Bulk	63.3	2,220
<i>British Isles:</i>				Kainit.....	Bulk	2,152.3	39,216
Miscel. Cargo.....		183.4	\$ 81,980	Machinery.....	1,770 Cs.	178.3	24,510
Bagging.....	7,165 Bales	3,325.7	287,167	Manure Salts.....	Bulk	1,396.8	41,904
Cocoanuts.....	60 Cs.	3.9	390	Oil Well Supplies..	967 Cs.	245.2	24,520
Cotton Pc. Gds....	100 Cs.	48.6	4,860	Paper.....	2,605 Rolls	98.6	9,860
Creosote.....	73,131 Bbbs.	11,851.2	731,112	Paper, Newsprint..	1,956 Rolls	349.4	26,206
Earthenware.....	26 Cs.	10.4	1,040	Paper, Wrapping..	2,802 Rolls	97.3	46,540
Fullers Earth.....	1,000 Bags	113.7	3,411	Peatmul.....	1,060 Bales	88.0	3,075
Furniture.....	60 Crts.	24.2	4,840	Pipe.....	26 Pcs.	5.5	220
Hardware.....	43 Pkgs.	43.3	4,330	Potash.....	2,147 Bags	217.4	7,898
Iron, Pig.....	Bulk	336.2	13,448	Powder, Talcum... 600 Bags	66.0	6,600	
Seed, Garden.....	851 Bags	43.4	4,340	Rails, New.....	Bulk	38.4	1,536
Tea.....	835 Cs.	54.1	5,410	Rock, Crushed.... 2 Bags	1.2	120	
Ties and Hoops....	175,524 Bbbs.	3,798.6	182,090	Saltpetre.....	20,469 Bags	2,275.8	64,970
Total.....		19,836.7	\$ 1,324,418	Seed, Garden..... 1 Bag	1	50	
<i>Colombia:</i>				Shingles, Asbestos. 607 Bbbs.	24.1	1,205	
Oil, Crude.....	88,803 Bbbs.	14,800.5	133,205	Staves.....	4,107 Bbbs.	421.7	16,868
Total.....		14,800.5	\$ 133,205	Steel.....	391,489 Bbbs.	369.4	14,776
<i>Cuba:</i>				Steel, Sheets..... 81,511 Bbbs.	8,101.0	324,040	
Syrup.....	40,811 Bbbs.	6,801.8	93,346	Steel, Structural... Bulk	27.6	1,104	
Total.....		6,801.8	\$ 93,346	Twine.....	13,000 Bales	325.0	32,500
<i>Denmark:</i>				Wool in Grease.... 30 Bbbs.	6.8	3,400	
Canned Goods.....	875 Cs.	20.6	2,060	Total.....		23,755.4	\$ 1,545,467
Furniture.....	8 Crts.	1.1	600	<i>Holland:</i>			
Hardware.....	3 Pkgs.	.5	100	Miscel. Cargo.....		286.5	77,540
Paper, Newsprint..	1,525 Rolls	576.4	57,640	Canned Goods.....	25 Cs.	8.7	870
Total.....		598.6	\$ 60,400	Chemicals.....	1,491 Bbbs.	444.6	44,460
				Chicory.....	55 Bags	6.1	610
				Cordage.....	1,060 Bales	36.9	3,690
				Creosote.....	13,254 Bbbs.	2,209.0	132,540
				Crockery.....	422 Cs.	116.4	11,660
				Fertilizer.....	3,268 Bags	350.8	10,524
				Furniture.....	8 Crts.	1.0	200
				Hair.....	398 Bales	49.8	8,670
				Hardware.....	3,624 Pkgs.	198.6	19,860
				Iron, Pig.....	Bulk	278.0	9,453
				Lumber.....	1,304 Pcs.	64.5	6,450
				Saltpetre.....	908 Bags	100.1	3,010

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Commodities	Units	Short Tons	Value	Commodities	Units	Short Tons	Value
Seed, Garden	1,694 Bags	100.4	10,040	Oil, Fuel	1,008,324 Bbls.	164,156.1	1,665,809
Seed, Grass	17 Bags	.8	160	Total		194,779.0	\$ 1,972,018
Shingles, Asbestos	3,214 Bdls.	130.4	10,925	<i>Newfoundland:</i>			
Shingles, Wooden	528 Bdls.	22.4	2,120	Paper, Newsprint	32,865 Rolls	15,292.0	\$ 1,146,902
Steel	880 Bdls.	37.5	1,500	Total		15,292.0	\$ 1,146,902
Steel, Sheets	3,750 Bdls.	376.5	15,060	<i>Norway:</i>			
Steel, Structural	Bulk	446.8	17,872	Miscel. Cargo		9.5	3,440
Strawboards	169 Rolls	26.8	1,340	Canned Goods	575 Cs.	35.3	3,530
Tobacco	21 Cs.	2.4	4,800	Drugs	150 Cs.	20.7	4,140
Ties and Hoops	142,450 Bdls.	4,049.5	191,364	Iron, Pig	Bulk	45.0	675
Twine	2,840 Bales	71.0	7,100	Paper, Newsprint	3,803 Rolls	1,577.7	118,327
Waste	50 Bales	19.2	768	Total		1,688.2	\$ 130,112
Total		9,434.7	\$ 592,586	<i>Spain:</i>			
<i>India:</i>				Miscel. Cargo		.4	200
Bagging	13,967 Bales	7,340.5	692,455	Canned Goods	100 Cs.	3.2	320
Cotton Pc. Goods	170 Cs.	86.1	17,220	Corkboard	39,874 Cs.	1,289.6	\$ 159,225
Hessian Cloth	1,289 Bales	659.9	65,990	Olives	631 Bbls.	298.3	\$ 39,380
Iron, Pig	Bulk	338.9	10,694	Total		1,591.5	\$ 199,125
Tea	1,500 Cs.	83.5	8,350	<i>Sweden:</i>			
Total		8,508.9	\$ 794,709	Miscellaneous		1.8	\$ 360
<i>Italy:</i>				Canned Goods	945 Cs.	20.1	2,010
Miscel. Cargo		79.8	\$ 23,710	Paper, Newsprint	1,300 Rolls	546.7	46,646
Bagging	50 Bales	33.7	3,370	Total		568.6	\$ 49,016
Canned Goods	345 Cs.	43.8	4,380	<i>West Indies:</i>			
Earthenware	277 Cs.	52.5	5,250	Machinery	18 Cs.	.9	180
Furniture	8 Crts.	1.0	500	Total		.9	180
Graphite	103 Cs.	33.4	1,336	IMPORT GRAND TOTAL		366,819.5	\$12,187,033
Olive Oil	25 Bbls.	3.1	310				
Oil Well Supplies	44 Cs.	6.2	1240				
Powder, Talcum	500 Cs.	55.1	2,755				
Twine	425 Bales	15.4	3,800				
Total		324.0	\$ 46,651				
<i>Mexico:</i>							
Bananas	15,118 Bnchs.	302.4	19,656				
Oil, Crude	160,215 Bbls.	30,320.5	286,553				

Exports

Commodities	Units	Short Tons	Value	Commodities	Units	Short Tons	Value
<i>Africa—North:</i>				Cotton	51,787 Bales	13,685.6	5,673,495
Oil, Fuel	41,197 Bbls.	6,866.2	\$ 41,197	Cotton Seed Meal	40,527 Bags	3,044.1	119,383
Oil, Gasoline	198,072 Bbls.	27,231.9	1,089,276	Feathers	42 Bales	8.8	880
Oil, Kerosene	30,310 Bbls.	4,330.0	86,600	Grain, Kaffir	89,999 Bu.	2,524.4	126,220
Oil, Refined	24,407 Bbls.	3,487.0	69,740	Grain, Wheat	138,148 Bu.	4,144.4	207,220
Total		41,915.1	\$ 1,286,813	Gravel	275 Bags	27.5	275
<i>Africa—South:</i>				Guns	221 Cs.	15.4	7,700
Oil, Crude	39,656 Bbls.	6,609.0	\$ 79,312	Lead	56,689 Bars	2,617.5	302,505
Oil, Fuel	51,563 Bbls.	8,594.4	72,301	Lumber	10 Cars	252.6	10,104
Oil, Gas	17,101 Bbls.	2,850.1	42,753	Oil, Fuel	67,791 Bbls.	11,298.4	74,238
Oil, Gasoline	159,334 Bbls.	21,762.0	870,480	Oil, Gas	74,140 Bbls.	12,159.0	144,532
Oil, Kerosene	130,273 Bbls.	21,712.1	738,648	Oil, Gasoline	213,540 Bbls.	29,711.2	1,117,497
Total		61,527.6	\$ 1,803,494	Oil, Kerosene	145,465 Bbls.	22,065.9	567,461
<i>Argentina:</i>				Oil, Lube	100,580 Bbls.	14,646.3	660,230
Oil, Crude	73,255 Bbls.	12,209.0	\$ 146,510	Rice	29,984 Bags	1,901.5	190,150
Rice	7,500 Bags	379.7	37,970	Rice Hulls	2,336 Bags	164.6	8,858
Total		12,588.7	\$ 184,480	Rosin	125 Bbls.	32.1	3,210
<i>Bahama Islands:</i>				Sulphur	16,414 Bags	1,265.7	21,733
Oil, Gas	48,948 Bbls.	8,158.0	\$ 81,580	Total		119,832.0	\$ 9,288,985
Total		8,158.0	\$ 81,580	<i>Brazil:</i>			
<i>Belgium:</i>				Flour	3,810 Bags	184.3	\$ 18,430
Miscel. Cargo		47.6	\$ 20,600	Oil, Gas	70,851 Bbls.	11,808.5	140,583
Bags, Empty	4,469 Bales	119.0	9,924	Oil, Gasoline	138,020 Bbls.	19,717.1	788,684
Brass, Scrap	99 Bdls.	41.1	10,910	Oil, Refined	8,570 Bbls.	1,224.3	24,486
Copper	141 Bales	59.3	11,860	Total		32,934.2	\$ 972,183
				<i>British Isles:</i>			
				Miscel. Cargo		482.2	\$ 60,330
				Alfalfa Meal	13,120 Bags	734.8	22,492
				Asphalt	290 Bbls.	18.5	555
				Bone Meal	2,000 Bags	112.0	3,360
				Brass, Scrap	190 Bdls.	33.6	10,080

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Commodities	Units	Short Tons	Value	Commodities	Units	Short Tons	Value
Canned Goods	322 Cs.	6.9	790	Oil, Lube	10 Bbls.	2.3	150
Carbon Black	4,141 Cs.	813.0	73,481	Packing H'se Prod.	1,975 Pkgs.	50.1	5,010
Clay	248 Bags	12.2	238	Rice	10,071 Bags	497.4	49,740
Cotton	469,956 Bales	122,536.4	51,092,440	Total		313,138.6	\$ 6,000,420
Cotton Seed	63 Bags	2.0	80	<i>Danzig:</i>			
Cotton Seed Cake	386 Bags	61.2	6,448	Iron, Scrap	Bulk	5,370.7	\$ 80,560
Cotton Seed Meal	202,225 Bags	11,044.4	452,544	Total		5,370.7	\$ 80,560
Fruit	1,208 Cs.	46.0	4,600	<i>Denmark:</i>			
Grain, Corn	145,714 Bu.	4,080.0	198,000	Cotton	11,144 Bales	2,675.4	\$ 1,291,925
Grain, Kaffir	2,240 Bags	112.0	1,120	Cotton Seed Cake	597,038 Bags	85,839.0	3,718,024
Hair	10 Bales	2.7	270	Cotton Seed Meal	3,048 Bags	336.0	10,080
Handles	17,806 Bbls.	201.1	20,160	Flour	7,856 Bags	442.6	44,260
Iron, Pig	Bulk	.1	50	Grain, Corn	61,121 Bu.	1,708.2	\$ 68,328
Iron, Scrap	Bulk	499.4	7,491	Grain, Wheat	179 Bu.	5.3	265
Lead	114,281 Bars	5,514.6	206,158	Lumber	4 Cars	126.3	5,052
Logs	1 Car	14.9	596	Oil Case Goods		1.0	150
Lumber	208 Cars	5,368.2	211,811	Oil, Fuel	2,028 Bbls.	338.0	7,570
Machinery	6 Cs.	.8	170	Oil, Gas	95,614 Bbls.	15,935.6	174,809
Oil, Crude	57,756 Bbls.	9,626.0	115,512	Oil, Lube	128,753 Bbls.	19,563.5	1,192,390
Oil, Fuel	1,081,227 Bbls.	180,002.8	1,704,559	Rice	22,770 Bags	1,466.3	146,630
Oil, Gas	2,079,032 Bbls.	323,854.7	3,918,916	Sulphur	534 Bags	40.2	880
Oil, Gasoline	2,108,418 Bbls.	297,148.1	11,420,603	Total		128,477.4	\$ 6,660,363
Oil, Kerosene	569,302 Bbls.	85,396.3	2,161,474	<i>Finland:</i>			
Oil, Lube	411,238 Bbls.	64,725.8	4,398,589	Cotton	412 Bales	109.1	43,640
Oil, Refined	328,102 Bbls.	46,871.8	1,797,540	Cotton Seed Cake	379 Bags	57.0	1,710
Oil Well Supplies	768 Cs.	118.3	22,700	Rice	330 Bags	16.8	1,680
Paint	10 Cs.	5.7	1,140	Total		182.9	\$ 47,030
Rice	46,305 Bags	2,672.9	267,300	<i>France:</i>			
Shooks	3,974 Bbls.	51.3	4,014	Miscel. Cargo		61.1	\$ 4,194
Soap	2,399 Cs.	449.2	48,299	Asphalt	1,064 Bbls.	170.0	5,471
Soap Stock	750 Bbls.	134.6	13,460	Bags, Empty	1,350 Bales	37.5	3,750
Soda	450 Bbls.	84.0	8,400	Brass, Scrap	1,736 Bbls.	626.7	157,400
Sulphur	15,053 Bags	904.6	18,338	Canned Goods	501 Cs.	93.5	9,350
Zinc	21,773 Bars	662.0	9,930	Carbon Black	8,605 Cs.	1,563.0	111,567
Total		1,164,405.1	\$78,284,038	Coke, Petroleum	Bulk	984.9	14,774
<i>Canada:</i>				Copper	198 Bales	63.7	13,170
Coke, Petroleum	Bulk	6,894.9	\$ 103,235	Cotton	318,108 Bales	84,121.2	34,090,970
Oil, Crude	475,193 Bbls.	79,199.0	712,791	Cotton Seed Cake	3,048 Bags	168.0	7,560
Oil, Fuel	9,653 Bbls.	1,609.2	9,653	Cotton Seed Meal	8,930 Bags	571.2	21,616
Oil, Gasoline	285,197 Bbls.	42,669.9	1,626,110	Feathers	400 Bales	75.6	13,070
Oil, Refined	8,392 Bbls.	1,199.0	47,960	Furniture	13 Crts.	1.1	110
Total		131,572.0	\$ 2,499,749	Grain, Wheat	52,000 Bu.	1,680.0	84,000
<i>Canal Zone:</i>				Gravel	110 Bags	11.0	110
Oil, Fuel	72,894 Bbls.	12,132.3	72,894	Handles	264 Bbls.	3.6	360
Total		12,132.3	\$ 72,894	Iron, Scrap	Bulk	80.6	1,209
<i>Chile:</i>				Junk, Rubber	799 Bbls.	358.5	9,428
Rice	4,030 Bags	204.0	\$ 20,400	Junk, Miscel.	119 Bbls.	49.1	737
Total		204.0	\$ 20,400	Lead	26,168 Bars	1,263.5	18,952
<i>China:</i>				Lumber	2 Cars	67.7	3,385
Miscel. Cargo		361.1	\$ 361,129	Oil, Crude	20,550 Bbls.	3,425.0	30,825
Cotton	59,470 Bales	14,848.3	6,097,465	Oil, Fuel	136,355 Bbls.	22,725.7	186,543
Cotton Seed	2,080 Bags	100.6	4,024	Oil, Gas	353,516 Bbls.	57,073.4	671,575
Iron, Scrap	Bulk	1,608.0	24,120	Oil, Gasoline	1,990,939 Bbls.	286,425.3	11,128,891
Oil, Refined	157 Bbls.	16.9	16,875	Oil, Grease	375 Bbls.	26.2	2,620
Sulphur	408 Bags	22.6	452	Oil, Kerosene	424,798 Bbls.	66,307.2	2,015,209
Zinc	910 Bars	28.0	420	Oil, Lube	118,385 Bbls.	17,928.2	1,029,428
Total		16,985.5	\$ 6,504,485	Oil, Refined	122,788 Bbls.	18,604.9	651,196
<i>Colombia:</i>				Rice	46,467 Bags	2,436.1	243,610
Oil, Lube	150 Bbls.	55.3	11,060	Sulphur	1,037 Bags	63.0	945
Oil Well Supplies	320 Cs.	343.4	34,340	Wax	5 Cs.	1.0	100
Rice	10,964 Bags	711.3	71,130	Total		567,067.5	\$50,532,125
Total		1,110.0	\$ 116,530	<i>Germany:</i>			
<i>Cuba:</i>				Miscel. Cargo		115.2	\$ 69,100
Flour	5,860 Bags	406.2	\$ 40,620	Bones	109 Bags	44.1	882
Fullers Earth	2 Bags	2.0	50	Bone Meal	2,000 Bags	112.0	33,600
Oil Case Goods		767.0	76,700	Brass, Scrap	17,234 Bbls.	1,475.2	296,883
Oil, Crude	110,563 Bbls.	18,427.0	216,130	Canned Goods	72 Cs.	1.4	140
Oil, Fuel	1,139,411 Bbls.	185,273.0	1,687,627	Carbon Black	781 Cs.	81.6	7,829
Oil, Gas	57,968 Bbls.	9,661.3	96,613	Clay	600 Bags	30.5	610
Oil, Gasoline	724,827 Bbls.	98,052.3	3,827,780	Coke, Petroleum	306 Bags	23.8	471
				Cotton	597,559 Bales	158,645.0	65,276,415
				Cotton, Samples	61 Bbls.	4.6	1,840
				Cotton Seed Cake	96,183 Bags	13,477.6	525,020

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Cotton Seed Hulls.	2,340 Bags	118.1	4,624	Coke, Petroleum..	Bulk	4,411.7	121,333
Cotton Seed Meal.	77,614 Bags	6,897.2	261,328	Cotton.....	242,364 Bales	63,209.1	26,447,835
Feed.....	1,568 Bags	113.3	4,532	Flour.....	2,144 Bags	138.0	13,800
Flour.....	60,120 Bags	4,005.4	400,540	Furniture.....	12 Crts.	1.0	1,000
Fruit.....	13 Cs.	2.9	290	Hides.....	23 Bales	4.5	450
Grain, Barley.....	575,000 Bu.	13,800.0	690,000	Iron, Scrap.....	Bulk	27,886.8	442,063
Grain, Corn.....	212,197 Bu.	5,941.5	297,075	Junk, Rubber.....	21 Bdls.	1.5	22
Grain, Kaffir.....	164,160 Bu.	4,848.7	217,842	Lead.....	10 Cars	921.8	35,069
Grain, Milo.....	51,188 Bu.	1,433.2	71,660	Lumber.....	19,033 Bars	291.2	11,648
Grain, Wheat.....	104,000 Bu.	3,120.0	156,000	Oil, Fuel.....	238,039 Bbbls.	38,354.7	374,590
Iron, Scrap.....	Bulk	107.8	2,215	Oil, Gas.....	153,532 Bbbls.	25,588.7	255,887
Junk, Rubber.....	1,846 Bdls.	631.7	13,126	Oil, Gasoline.....	658,930 Bbbls.	94,939.9	3,686,484
Junk, Miscel.....	166 Bdls.	31.2	468	Oil, Grease.....	150 Bbbls.	33.6	6,720
Lead.....	299,206 Bars	14,154.6	383,637	Oil, Kerosene.....	137,493 Bbbls.	20,254.8	489,204
Lumber.....	1 Car	27.4	1,096	Oil, Lube.....	28,081 Bbbls.	4,051.8	238,016
Moss.....	21 Bales	1.2	120	Pack'g H'ise Prod..	129 Pkgs.	5.8	1,740
Oil Case Goods.....		16.8	1,500	Rice.....	9,286 Bags	553.5	55,350
Oil, Fuel.....	123,595 Bbbls.	20,599.3	228,023	Sulphur.....	20,365 Bags	1,000.0	15,000
Oil, Gas.....	1,457,235 Bbbls.	246,045.1	2,833,295	Zinc.....	3,644 Bars	122.0	1,830
Oil, Gasoline.....	244,313 Bbbls.	34,901.7	1,396,068				
Oil, Kerosene.....	94,661 Bbbls.	13,522.9	260,458	Total.....		282,316.6	\$32,239,136
Oil, Lube.....	384,065 Bbbls.	56,860.1	3,036,085				
Oil, Refined.....	137,529 Bbbls.	19,874.4	650,551	<i>Japan:</i>			
Peanut Meal.....	8,368 Bags	365.1	10,953	Carbon Black.....	11,215 Cs.	1,222.6	\$ 42,148
Rice.....	80,998 Bags	5,020.5	451,650	Cotton.....	361,151 Bales	93,970.3	37,771,080
Rice Hulls.....	60,549 Bags	3,817.3	140,719	Iron, Scrap.....	Bulk	62,611.3	973,587
Rice Polish.....	10,533 Bags	441.0	17,003	Oil, Fuel.....	78,353 Bbbls.	13,059.0	117,531
Sulphur.....	137,257 Bags	7,761.2	228,676	Oil, Gas.....	435 Bbbls.	62.2	746
				Oil, Lube.....	1,129 Bbbls.	265.1	11,695
Total.....		638,470.6	\$77,972,324	Rails, Scrap.....	Bulk	12,331.7	184,976
				Rosin.....	700 Bbbls.	177.7	17,770
<i>Greece:</i>				Tie Plates.....	20,000 Bdls.	364.0	5,460
Cotton.....	1,551 Bales	404.1	\$ 174,355	Wax.....	571 Cs.	61.7	2,468
Grain, Wheat.....	459,078 Bu.	13,772.3	688,615				
Rice.....	3,656 Bags	185.1	18,510	Total.....		184,125.6	\$39,127,461
Total.....		14,361.5	\$ 881,480	<i>Mexico:</i>			
				Miscel. Cargo.....		106.6	42,640
<i>Haiti:</i>				Cement.....	1,200 Bags	60.5	1,210
Oil, Fuel.....	24,994 Bbbls.	4,165.7	\$ 24,994	Fruit.....	50 Cs.	1.1	550
				Oil, Refined.....	20 Bbbls.	4.4	440
Total.....		4,165.7	\$ 24,994	Salt.....	20 Bags	2.0	40
				Steel, Sheets.....	750 Bdls.	51.0	2,040
<i>Holland:</i>							
Brass, Scrap.....	233 Bdls.	135.3	30,580	Total.....		225.6	\$ 46,920
Carbon Black.....	83 Cs.	15.4	1,540	<i>Newfoundland:</i>			
Clay.....	1,114 Bags	72.2	1,494	Cores, Paper.....	16,792 Pcs.	67.2	\$ 6,720
Coke, Petroleum..	Bulk	2,898.5	43,467	Paper, Newsprint..	4 Rolls	2.4	180
Copper.....	23 Bales	18.1	4,525				
Cotton.....	48,632 Bales	12,981.8	5,454,645	Total.....		69.6	\$ 6,900
Cotton Seed Cake.	3,842 Bags	309.3	12,219	<i>Nova Scotia:</i>			
Cotton Seed Meal.	80,420 Bags	5,735.5	223,305	Oil, Gasoline.....	164,422 Bbbls.	22,022.7	\$ 880,908
Flour.....	518,023 Bags	28,964.5	2,896,450				
Grain, Barley.....	50,000 Bu.	1,200.0	60,000	Total.....		22,022.7	\$ 880,908
Grain, Corn.....	240,075 Bu.	6,722.1	341,504	<i>Norway:</i>			
Grain, Kaffir.....	268,525 Bu.	7,518.7	376,564	Asphaltum.....	40 Bbbls.	1.9	52
Grain Milo.....	98,843 Bu.	2,767.6	148,380	Coke, Petroleum..	Bulk	1,122.7	16,841
Grain Wheat.....	64,000 Bu.	1,920.0	96,000	Cotton.....	1,009 Bales	275.9	110,360
Gravel.....	275 Bags	27.5	275	Cotton Seed Cake.	41,646 Bags	6,015.5	180,465
Junk, Rubber.....	100 Bdls.	52.2	783	Cotton Seed Meal.	10,160 Bags	1,120.0	45,320
Lead.....	63,268 Bars	3,096.3	111,516	Lumber.....	1 Car	31.1	1,298
Oil, Crude.....	67,607 Bbbls.	11,267.4	131,850	Oil Case Goods.....		7.8	780
Oil, Fuel.....	8,919 Bbbls.	1,452.7	22,298	Oil, Gas.....	85,890 Bbbls.	14,315.0	143,150
Oil, Gas.....	533,517 Bbbls.	88,919.3	985,380	Oil, Gasoline.....	116,245 Bbbls.	17,615.3	652,388
Oil, Gasoline.....	289,414 Bbbls.	40,363.5	1,562,196	Oil, Kerosene.....	29,365 Bbbls.	4,195.0	120,948
Oil, Kerosene.....	156,804 Bbbls.	24,099.4	750,584	Oil, Lube.....	26,364 Bbbls.	4,396.6	392,164
Oil, Lube.....	187,057 Bbbls.	29,361.3	1,858,342	Oil, Refined.....	6,441 Bbbls.	920.1	36,804
Oil, Refined.....	44,011 Bbbls.	6,287.2	341,488	Rice.....	9,017 Bags	471.1	47,110
Rice.....	59,687 Bags	3,290.6	329,060				
Sulphur.....	5,183 Bags	428.3	7,263	Total.....		50,488.0	\$ 1,747,680
				<i>Phillippine Islands:</i>			
Total.....		279,904.7	\$15,791,708	Cotton Pc. Goods..	15 Cs.	3.2	\$ 1,600
				Glassware.....	300 Cs.	32.5	3,250
<i>India:</i>				Rails, Relay.....	Bulk	457.9	6,859
Paint.....	10 Cs.	5.8	\$ 580				
				Total.....		493.6	\$ 11,709
Total.....		5.8	\$ 580	<i>Portugal:</i>			
				Cotton.....	1,577 Bales	417.5	\$ 205,010
<i>Italy:</i>							
Miscel. Cargo.....		15.9	\$ 1,590	Total.....		417.5	\$ 205,010
Asphaltum.....	148 Bbbls.	37.1	742				
Carbon Black.....	2,268 Cs.	376.1	27,053				
Chemicals.....	562 Cs.	117.1	11,710				

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Commodities	Units	Short Tons	Value	Commodities	Units	Short Tons	Value:
<i>Russia:</i>				Automobile.....	3 Crts.	4.0	\$ 4,000
Cotton.....	73,907 Bales	19,461.7	\$ 7,761,860	Auto Supplies.....	53 Cs.	1.8	180
Tractors.....	594 Crts.	1,007.5	503,750	Bags.....	4 Bales	.6	30
Total.....		20,469.2	\$ 8,265,610	Barley Clippings..	5,515 Bags	94.7	2,569
<i>Spain:</i>				Bone Meal.....	1,000 Bags	50.0	1,500
Cotton.....	87,307 Bales	23,437.9	\$ 9,692,640	Butter.....	110 Cs.	4.4	3,600
Lumber.....	3 Cars	91.0	9,100	Canned Goods.....	546 Cs.	13.1	1,550
Oil, Crude.....	108,339 Bbls.	18,056.5	162,505	Chemicals.....	461 Bbls.	12.4	1,240
Oil, Fuel.....	297,247 Bbls.	49,147.6	560,194	Corn Meal.....	2,100 Bags	124.5	6,003
Oil, Gas.....	82,844 Bbls.	13,727.0	109,483	Cotton Pc. Goods..	25 Cs.	1.7	170
Oil, Gasoline.....	711,552 Bbls.	108,049.5	3,808,946	Cottonseed Meal..	21,200 Bags	1,493.0	53,420
Oil, Kerosene.....	29,228 Bbls.	4,175.6	83,512	Cottonseed Oil....	140 Bbls.	22.8	2,006
Oil, Lube.....	3,105 Bbls.	689.8	31,752	Feed.....	1,861 Bags	93.3	4,081
Oil, Refined.....	1,410 Bbls.	201.6	8,064	Fertilizer.....	2,300 Bags	115.0	3,450
Total.....		217,576.5	\$14,466,196	Flour.....	184,169 Bags	16,103.9	1,610,390
<i>Sweden:</i>				Furniture.....	145 Crts.	5.3	870
Miscel. Cargo.....		20.7	\$ 4,140	Glassware.....	100 Cs.	1.3	130
Cotton.....	8,647 Bales	2,306.9	919,940	Grain, Corn.....	3,035 Bags	317.9	14,593
Cotton Seed Cake.	33,824 Bags	9,923.0	346,948	Grain, Wheat.....	1,000 Bags	50.0	2,500
Lumber.....	1 Car	36.5	1,460	Hardware.....	4,156 Pkgs.	75.5	8,230
Oil, Fuel.....	6,197 Bbls.	972.4	13,497	Junk.....	1,414 Bbls.	23.6	354
Oil, Gal.....	103,907 Bbls.	16,269.0	227,328	Live Stock.....	125 Head	21.0	2,100
Oil, Gasoline.....	219,663 Bbls.	32,359.0	1,253,397	Lumber.....	1 Car	34.4	1,376
Oil, Kerosene.....	74,609 Bbls.	11,532.1	200,065	Oil Case Goods....		40.7	3,342
Oil, Lube.....	60,383 Bbls.	9,492.6	661,464	Oil, Fuel.....	179,829 Bbls.	28,720.5	408,287
Rice.....	18,150 Bags	1,071.8	107,180	Oil, Gas.....	1,680 Bbls.	280.0	4,200
Total.....		83,984.0	\$ 3,735,419	Oil, Gasoline.....	55,072 Bbls.	9,169.0	312,258
<i>Uruguay:</i>				Oil, Kerosene.....	24,914 Bbls.	4,152.3	141,262
Flour.....	600 Bags	29.0	\$ 2,900	Oil, Lube.....	3,290 Bbls.	560.7	25,816
Machinery.....	9 Cs.	19.5	3,900	Oil Well Supplies..	320 Cs.	343.4	34,340
Sulphur.....	5,600 Bags	282.8	5,656	Packing Hse. Prod.	37,340 Pkgs.	1,174.2	302,323
Total.....		331.3	\$ 12,456	Paint.....	153 Cs.	6.6	1,380
<i>Venezuela:</i>				Rails, Relay.....	Bulk	16.3	652
Rice.....	200 Bags	10.1	\$ 1,010	Rice.....	333,605 Bags	18,351.8	1,835,180
Total.....		10.1	\$ 1,010	Rice Hulls.....	4,300 Bags	232.2	8,480
<i>West Indies:</i>				Steel.....	770 Bbls.	378.5	15,140
Miscel. Cargo.....		65.3	\$ 31,500	Steel, Structural..	Bulk	343.4	13,736
Alfalfa Meal.....	3,000 Bags	150.0	4,500	Sulphur.....	310 Bags	16.4	285
Total.....		331.3	\$ 12,456	Tarpaulins.....	6 Bales	.5	250
				Total.....		82,666.0	\$ 4,867,273
				<i>West Indies—Dutch:</i>			
				Brick, Common....	933 Thou.	2,017.6	\$ 8,163
				Brick, Face.....	3,584 Cs.	112.9	9,676
				Cement.....	4,390 Bags	159.3	3,473
				Total.....		2,289.8	\$ 21,312
				EXPORT GRAND TOTAL		4,501,996.0	\$364,742,215
				IMPORTS AND EXPORTS, GRAND TOTAL		4,868,815.5	\$376,929,284

Coastwise Inbound—Atlantic Ports

Commodities	Units	Short Tons	Value	Commodities	Units	Short Tons	Value
Miscel. Cargo.....		78,973.8	\$30,714,469	Cotton Pc. Goods	5 Cars	64.5	18,735
Ammonia.....	2 Cars	30.7	3,070	Creosote.....	1 Car	18.5	1,850
Arsenate.....	50 Cars	815.5	84,550	Creosote.....	615,370 Gals.	3,076.8	61,537
Asbestos Goods...	15 Cars	296.4	29,640	Crockery.....	1 Car	16.8	1,680
Asphalt.....	9 Cars	176.5	5,419	Drugs.....	61 Cars	1,069.6	110,466
Automobile.....	2 Cars	26.7	28,420	Earthenware.....	1 Car	20.2	2,020
Auto Supplies.....	88 Cars	1,093.2	231,685	Electric Appliances	200 Cars	4,545.2	763,410
Auto Trucks.....	15 Cars	116.3	108,200	Flour.....	11 Cars	20.0	2,000
Bagging.....	330 Cars	6,412.2	654,100	Furniture.....	148 Cars	2,612.6	441,800
Beans, Dried.....	3 Cars	64.0	5,450	Glass, Plate.....	3 Cars	63.7	31,850
Brass.....	37.0	9,250		Glassware.....	61 Cars	1,039.7	103,970
Brick, Common....	2 Cars	30.8	616	Granite.....	1 Car	20.5	2,050
Candy.....	4 Cars	80.7	8,070	Gravel.....	1 Car	25.9	2,590
Canned Goods.....	938 Cars	21,231.2	2,123,120	Hair.....	3 Cars	67.3	6,730
Car Wheels.....	6 Cars	173.0	8,540	Hardware.....	1,310 Cars	26,839.5	2,659,060
Cement.....	108 Cars	2,636.2	56,968	Hides.....	12 Cars	198.6	19,860
Chemicals.....	106 Cars	2,296.7	225,230	Iron, Pig.....	10 Cars	284.0	7,510
Coal.....	1 Car	30.0	300	Junk, Miscel.....	1 Car	18.0	270
Coffee.....	7 Cars	184.0	110,400	Lead.....	2 Cars	135.2	2,028
Coke, Petroleum..	3 Cars	129.1	4,964	Linoleum.....	349 Cars	7,654.3	765,430
Copper.....	9 Cars	158.1	41,930	Linseed Oil.....	11 Cars	189.4	31,900
Copper Wire.....	18 Cars	389.7	38,970	Machinery.....	130 Cars	2,331.0	282,794
Cordage.....	11 Cars	198.1	21,310	Iron, Pig.....	1 Car	12.7	2,540
Corkboard.....	3 Cars	41.4	2,070	Olives.....	3 Cars	50.5	7,970

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Commodities	Units	Short Tons	Value	Commodities	Units	Short Tons	Value
Oil Case Goods.....	3 Cars	37.8	3,780	Shingles, Wooden..	1 Car	27.8	1,324
Oil, Gasoline.....	8,994 Bbls.	1,285.0	42,405	Slate.....	28 Cars	748.5	67,410
Oil, Grease.....	1 Car	21.2	2,120	Soap.....	146 Cars	3,471.9	384,858
Oil, Lube.....	471 Cars	9,804.3	525,660	Soda.....	90 Cars	2,564.6	250,706
Oil Well Supplies..	15 Cars	346.4	59,240	Starch.....	4 Cars	84.6	8,460
Ore.....	1 Car	25.0	375	Steel.....	1,089 Cars	13,179.4	576,060
Packing H'se Prod.	1 Car	6.4	1,920	Steel, Sheets.....	735 Cars	21,312.3	851,696
Paint.....	66 Cars	1,552.0	274,940	Steel, Structural...	396 Cars	10,498.4	419,928
Paper.....	164 Cars	3,527.3	342,428	Syrup.....	3 Cars	55.1	5,510
Paper, Newsprint..	77 Cars	1,847.6	131,744	Tobacco.....	29 Cars	548.7	475,300
Paper, Wrapping...	39 Cars	776.1	77,610	Ties and Hoops...	5 Cars	122.2	5,090
Peanuts.....	15 Cars	187.4	24,220	Tie Plates.....	59 Cars	1,341.9	53,676
Periodicals.....	79 Cars	4,992.3	533,980	Tinware.....	29 Cars	795.5	72,830
Pipe.....	980 Cars	27,762.6	1,295,044	Twine.....	5 Cars	78.6	31,440
Radio Equip't.....	72 Cars	1,303.6	519,040	Vinegar.....	2 Cars	43.7	3,370
Rails, Relay.....	566 Cars	13,012.6	640,596	Waste.....	32 Cars	398.2	13,331
Roofing.....	28 Cars	651.3	65,130				
Roofing, Pitch...	53 Cars	1,274.4	33,663				
Seed, Grass.....	2 Cars	48.9	4,890				
Shingles, Asbestos.	14 Cars	363.3	34,430				
				COASTWISE INBOUND			
				GRAND TOTAL		290,092.7	\$47,680.995

Coastwise Outbound—Atlantic Ports

Commodities	Units	Short Tons	Value	Commodities	Units	Short Tons	Value
Miscel. Cargo.....		19,715.5	\$ 5,707,470	Mohair.....	16 Cars	352.3	81,200
Alfalfa Meal.....	3 Cars	75.9	2,277	Oil Case Goods....		8,125.2	784,530
Arsenate.....	6 Cars	99.6	9,960	Oil, Crude.....	11,447,461 Bbls.	1,767,574.5	17,137,734
Asphalt.....	11 Cars	227.4	7,249	Oil, Fuel.....	2,046,402 Bbls.	331,512.4	2,973,842
Bags.....	1 Car	21.1	2,110	Oil, Gas.....	2,721,847 Bbls.	427,725.9	6,000,330
Brass.....	38 Cars	774.6	184,240	Oil, Gasoline.....	8,553,148 Bbls.	1,227,526.0	46,774,035
Broom Corn.....	30 Cars	434.3	30,920	Oil, Grease.....	80,053 Bbls.	13,342.0	480,318
Canned Goods.....	17 Cars	320.6	32,060	Oil, Kerosene.....	1,515,275 Bbls.	220,650.4	6,197,435
Charcoal.....	28 Cars	799.7	27,967	Oil, Lube.....	889,649 Bbls.	133,746.9	6,398,107
Chemicals.....	3 Cars	51.9	11,040	Ore.....	1 Car	50.0	750
Copper.....	1,189 Cars	54,759.5	15,457,673	Packing H's Prod..	16 Cars	289.9	79,095
Corn Meal.....	3 Cars	76.0	3,800	Paint.....	2 Cars	26.2	3,520
Cotton.....	86,181 Bales	21,776.0	8,905,045	Paper.....	194 Cars	5,144.8	495,151
Cotton Pe. Goods..	43 Cars	624.1	187,490	Paper, Wrapping...	12 Cars	302.4	30,240
Cotton Seed Hulls..	22 Cars	347.4	11,339	Pecans.....	1 Car	15.6	7,800
Cotton Seed Meal..	55 Cars	1,470.0	110,060	Rice.....	299 Cars	7,678.0	759,120
Cotton Seed Oil...	4 Cars	72.0	14,400	Rosin.....	23 Cars	645.2	64,520
Cotton Seed Oil...	55,063 Bbls.	8,424.9	1,404,980	Salt.....	301 Cars	9,517.6	197,553
Electric Supplies..	2 Cars	11.3	2,260	Seed, Garden.....	26 Cars	546.0	54,600
Fertilizer.....	55 Cars	1,432.7	43,731	Seed, Grass.....	7 Cars	170.3	15,780
Flour.....	225 Cars	6,240.8	624,080	Shingles, Asbestos.	4 Cars	110.4	11,040
Furniture.....	3 Cars	86.9	8,690	Steel.....	1 Car	14.8	592
Grain, Kaffir.....	10 Cars	290.2	26,510	Steel, Sheets.....	1 Car	73.7	2,948
Grain, Milo.....	1 Car	30.0	3,000	Sulphur.....	1 Car	20.0	400
Hair.....	1 Car	17.9	1,790	Ties, Railroad.....	25 Cars	609.0	14,340
Hardware.....	1 Car	14.4	1,440	Turpentine.....	1 Car	27.4	2,740
Hides.....	214 Cars	3,597.7	359,770	Waste.....	2 Cars	20.0	1,000
Iron, Scrap.....	47 Cars	2,260.9	34,272	Wool.....	4 Cars	80.0	40,000
Junk, Rubber.....	6 Cars	127.3	1,789	Wool in Grease...	264 Cars	4,112.6	1,176,420
Junk, Miscel.....	25 Cars	702.9	8,289				
Lead.....	2 Cars	62.0	6,200	COASTWISE OUTBOUND—			
Live Poultry.....	7 Crts.	5	238	GRAND TOTAL		4,285,403.1	\$123,039,815
Lumber.....	11 Cars	371.6	14,936	GRAND TOTAL COASTWISE—			
Machinery.....	3 Cars	76.0	7,600	ATLANTIC PORTS.....		4,575,495.8	\$170,720,810

Intercoastal Inbound—Pacific Ports

Commodities	Units	Short Tons	Value	Commodities	Units	Short Tons	Value
Miscel. Cargo.....		2,341.4	\$ 873,130	Oil Well Supplies..	1,569 Cs.	218.1	39,170
Automobile.....	4 Crts	11.7	7,520	Packing H's Prod..	355 Pkgs.	9.3	2,900
Bags.....	1,975 Bales	290.8	23,940	Paint.....	936 Cs.	43.0	4,910
Beans, Dried.....	62,486 Bags	3,064.2	195,085	Paper, Newsprint..	14,212 Rolls	6,130.4	486,493
Dry Goods.....	791,608 Cs.	20,988.9	2,098,890	Paper, Wrapping...	25,046 Rolls	410.4	41,040
Chemicals.....	1,078 Cs.	21.2	2,120	Pickles.....	641 Bbls.	55.5	5,550
Cordage.....	2,986 Bales	111.6	9,975	Plaster.....	214 Bags	8.4	268
Cotton.....	50 Bales	12.4	5,250	Shingles.....	279,488 Bbls.	6,283.6	310,264
Flour.....	6,650 Bags	325.8	32,580	Soap.....	31,656 Cs.	602.6	59,060
Fruit, Dried.....	167,747 Cs.	2,827.3	282,730	Soda.....	222 Cs.	15.4	1,540
Furniture.....	1,755 Crts.	102.0	22,610	Steel.....	1,525 Bbls.	22.2	888
Glassware.....	7,624 Cs.	147.0	14,700	Steel, Structural...		190.1	8,516
Granite.....	136 Cs.	35.4	1,470	Strawboard.....	46 Rolls	26.9	2,690
Hair.....	2,257 Bales	505.5	50,550	Sugar.....	487,555 Bags	24,244.1	2,423,510
Handles.....	2,483 Bdl.	69.0	6,900	Vinegar.....	75 Bbls.	18.1	1,810
Hardware.....	1,109 Pkgs.	121.4	12,140	Waste.....	749 Bbls.	196.2	3,468
License Plates....	28,220 Cs.	544.2	25,199				
Linoleum.....	8,028 Rolls	238.9	23,890	INTERCOASTAL INBOUND,			
Lumber.....	47,057 Pcs.	4,960.0	204,299	GRAND TOTAL		75,198.7	\$7,285,685
Machinery.....	21 Cs.	5.7	630				

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Intercoastal Outbound—Pacific Ports

Commodities	Units	Short Tons	Value	Commodities	Units	Short Tons	Value
Miscel. Cargo.....		357.5	\$132,420	Lead.....	4 Bars	.5	100
Aeroplanes.....	2 Crts.	1.0	1,000	Logs.....	4 Cars	97.5	3,900
Asphalt.....	15 Bbls.	3.3	66	Lumber.....	48 Cars	1,572.4	74,749
Automobile.....	6 Crts.	12.2	12,200	Oil, Grease.....	371 Cs.	11.9	1,190
Bagging.....	20 Bales	5.2	520	Oil, Lube.....	1,427 Bbls.	270.0	10,800
Bone Meal.....	8,400 Bags	420.0	12,600	Oil, Refined.....	75 Bbls.	16.4	1,640
Canned Goods.....	9,682 Cs.	200.0	20,000	Oil Well Supplies..	3 Cs.	.4	40
Car Wheels.....	180 Wheels	62.7	4,380	Packing H's Prod..	18,590 Pkgs.	1,555.6	423,233
Carbon Black.....	100 Cs.	10.1	152	Rails, Relay.....	Bulk	2,101.9	75,869
Corkboard.....	108 Cs.	16.6	1,660	Rice.....	70,939 Bags	3,532.9	353,290
Cotton.....	1,562 Bales	414.2	170,400	Shell, Crushed....	4,000 Bags	202.0	8,080
Cotton P.C. Goods..	4,819 Cs.	228.6	48,200	Soap Stock.....	38 Bbls.	15.2	1,520
Cotton Seed Oil...	6,089 Bbls.	916.4	171,286	Steel.....	Bulk	49.5	2,960
Electric Supplies..	6 Cs.	12.0	6,000	Stelphur.....	300 Bags	15.2	304
Feed.....	507 Bags	23.7	2,370	Ties, R. R.....	500 Ties	44.0	500
Fertilizer.....	500 Bags	25.0	1,000	Twine.....	1,604 Bales	73.8	26,800
Flour.....	25 Bags	1.2	120				
Furniture.....	1,251 Crts.	24.5	2,450	INTERCOASTAL OUTBOUND,			
Glassware.....	262 Cs.	14.4	1,440	GRAND TOTAL	12,377.6		\$ 1,574,900
Hair.....	81 Bbls.	2.5	250	GRAND TOTAL INTER-			
Handles.....	139 Bbls.	2.4	240	COASTAL, PACIFIC PORTS	87,576.3		\$ 8,860,585
Iron, Scrap.....	2 Cars	64.9	1,171				

Intracoastal Inbound—Gulf Ports

Commodities	Units	Short Tons	Value	Commodities	Units	Short Tons	Value
Miscel. Cargo.....		3,365.8	\$ 1,356,940	Paint.....	1,700 Cs.	71.2	14,240
Asbestos Goods....	732 Bbls.	20.0	2,000	Paper.....	2,281 Rolls	68.5	6,850
Auto Parts.....	655 Cs.	10.9	2,280	Paper, Newsprint..	404 Rolls	43.8	3,285
Bagging.....	8,286 Bales	1,934.5	157,800	Paper, Wrapping..	249 Rolls	20.0	2,000
Beans, Dried.....	783 Bags	39.2	1,960	Phosphate Rock	Bulk	12,434.9	243,898
Canned Goods.....	28,252 Cs.	774.2	72,070	Roofing.....	17,860 Rolls	416.8	36,705
Chemicals.....	177 Bbls.	40.8	4,080	Seed, Garden.....	144 Bags	32.2	790
Coffee.....	505 Bags	10.9	5,450	Shingles, Asbestos.	5,326 Bbls.	138.9	13,890
Cordage.....	2,377 Bales	102.7	10,270	Shingles, Wooden..	350 Bbls.	12.3	1,230
Corkboard.....	8,503 Cs.	257.1	25,660	Steel.....	Bulk	6,245.0	249,800
Fertilizer.....	930 Bags	102.5	3,060	Steel, Structural...	Bulk	44,200.7	1,936,472
Fruit, Dried.....	335 Cs.	9.8	980	Sugar.....	43,480 Bags	1,676.3	167,630
Furniture.....	1,579 Crts.	26.7	4,440	Syrup.....	17,587 Bbls.	3,478.5	50,944
Granite.....	16 Cs.	107.1	4,284	Tobacco.....	201 Cs.	16.1	16,100
Hardware.....	47,069 Pkgs.	1,718.7	154,390	Ties and Hoops....	59,609 Bbls.	2,514.9	123,505
Olives.....	5 Bbls.	1.6	160	Tinware.....	19,236 Cs.	116.2	23,460
Oil, Crude.....	1,607,182 Bbls.	261,923.2	2,340,369	Turpentine.....	100 Cs.	21.8	4,360
Oil, Fuel.....	698,058 Bbls.	116,332.7	922,660	Twine.....	6,328 Bales	173.2	25,320
Oil, Gasoline.....	340,204 Bbls.	52,990.0	2,022,997				
Oil, Kerosene.....	225,655 Bbls.	32,332.8	670,559	INTRACOASTAL INBOUND,			
Oil, Refined.....	66,366 Bbls.	9,480.9	189,618	GRAND TOTAL.....	554,093.7		\$11,122,496
Packing Hse. Prod.	36,071 Pkgs.	850.3	249,990				

Intracoastal Outbound—Gulf Ports

Commodities	Units	Short Tons	Value	Commodities	Units	Short Tons	Value
Miscel. Cargo.....		941.0	\$ 261,180	Oil, Kerosene.....	172,258 Bbls.	22,656.9	712,331
Bagging.....	382 Bales	49.5	4,175	Oil, Lube.....	22,973 Bbls.	2,991.3	59,826
Beans, Dried.....	175 Bags	7.0	350	Oil Well Supplies..	19 Cs.	21.3	2,130
Bone Meal.....	2,700 Bags	135.0	4,050	Ore.....	50 Bags	2.5	250
Canned Goods.....	5,996 Cs.	124.3	12,430	Packing Hse. Prod.	2,846 Pkgs.	136.1	31,715
Car Wheels.....	174 Wheels	51.9	2,076	Paper.....	40 Rolls	15.4	1,200
Cement.....	5,100 Bags	245.0	4,900	Paper, Newsprint..	124 Rolls	30.7	2,302
Cordage.....	65 Bales	9.1	910	Rice.....	127,496 Bags	6,976.3	697,530
Cotton.....	364 Bales	93.2	37,280	Steel, Structural...	Bulk	305.0	12,200
Cotton P.C. Goods..	42 Cs.	3.6	360	Ties and Hoops....	5,000 Bbls.	112.0	5,600
Cotton Seed Oil...	90 Bbls.	17.3	1,330	Waste.....	825 Bales	152.4	2,914
Crockery.....	23 Cs.	5.8	580				
Eggs.....	115 Crts.	3.1	1,077	INTRACOASTAL OUTBOUND,			
Electric Supplies..	1,128 Cs.	27.9	5,580	GRAND TOTAL.....	970,018.4		\$16,766,743
Iron, Scrap.....	Bulk	22.5	338				
Live Poultry.....	194 Crts.	13.3	6,668	INTRACOASTAL GRAND			
Oil Case Goods....		1,034.0	103,400	TOTAL.....	1,524,112.1		\$ 27,889,239
Oil, Crude.....	1,683,203 Bbls.	311,206.4	2,821,912	TOTAL INBOUND AND OUT-			
Oil, Fuel.....	2,340,929 Bbls.	382,824.6	3,226,493	BOUND TRAFFIC.....	11,055,999.7		\$584,399,882
Oil, Gas.....	121,697 Bbls.	20,011.9	271,926				
Oil, Gasoline.....	1,637,168 Bbls.	219,792.1	8,471,730				

COUNTY AUDITOR'S REPORT FOR 1928

Local Traffic—Upper Channel

Commodities	Units	Short Tons	Value	Commodities	Units	Short Tons	Value
Miscel. Cargo.....		76.5	\$ 30,600	Sand.....	123,675 Yds.	160,014.5	209,415
Brick.....	224 Thous.	561.5	33,000	Shell.....	161,175 Yds.	161,175.4	201,469
Clay.....	39,359 Yds.	39,359.5	39,359	Steel, Structural...	15 Cars	409.4	16,376
Cotton.....	61,512 Bales	16,146.9	6,458,760				
Oil, Gas.....	80 Bbls.	20.4	204	Total.....		<u>377,824.8</u>	<u>\$ 6,990,823</u>
Oil, Lube.....	135 Bbls.	28.4	1,136				
Oysters.....	252 Bbls.	32.3	504				

Local Traffic—Lower Channel

Commodities	Units	Short Tons	Value	Commodities	Units	Short Tons	Value
Miscel. Cargo.....		76.5	30,600	Oil, Lube.....	135 Bbls.	28.4	1,136
Brick.....	224 Thous.	561.5	33,000	Oysters.....	252 Bbls.	32.3	504
Clay.....	39,359 Yds.	39,359.5	39,359	Piling.....	10 Cars	307.8	4,312
Cotton.....	82,187 Bales	21,574.1	8,629,640	Pipe.....	160 Pcs.	83.8	3,352
Coal.....	279 Tons	279.0	2,790	Sand.....	340,999 Yds.	442,514.7	591,864
Lumber.....	12 Cars	409.6	16,384	Shell.....	1,125,388 Yds.	1,125,390.2	1,476,740
Machinery.....	2 Cars	31.0	3,100	Steel, Structural...	18 Cars	524.6	20,984
Oil, Crude.....	1,566,098 Bbls.	226,876.7	2,041,890	Ties, R. R.....	11 Cars	340.0	5,500
Oil, Fuel.....	177,784 Bbls.	29,630.6	177,784				
Oil, Gas.....	36,970 Bbls.	6,168.7	61,687	TOTAL LOCAL TRAFFIC.....		<u>1,923,826.5</u>	<u>\$14,326,126</u>
Oil, Gasoline.....	207,462 Bbls.	29,637.5	1,185,500	GRAND TOTAL.....		<u>12,979,826.2</u>	<u>\$598,726,008</u>

Comparative Statement Commercial Statistics

1925				1926				
	Tons	Value		Tons	Value		Value	
Imports.....	489,619.0	\$ 11,156,959	Imports.....	388,438.0	\$ 10,233,229	Imports.....	366,819.5	\$ 12,187,033
Exports.....	1,913,286.0	285,622,945	Exports.....	2,562,400.0	226,759,667	Exports.....	4,501,996.0	364,742,215
Coastwise, In.....	191,595.0	43,337,784	Coastwise, In.....	230,199.0	31,677,747	Coastwise, In.....	290,092.7	47,680,995
Coastwise, Out.....	4,355,896.0	112,443,572	Coastwise, Out.....	4,488,013.0	116,782,224	Coastwise, Out.....	4,285,403.1	123,039,815
Intercoastal, In.....	32,111.0	5,902,456	Intercoastal, In.....	54,079.0	5,026,805	Intercoastal, In.....	75,198.7	7,285,685
Intercoastal, Out.....	5,762.0	1,127,673	Intercoastal, Out.....	10,754.0	1,108,227	Intercoastal, Out.....	12,377.6	1,574,900
Intracoastal, In.....	188,573.0	3,369,460	Intracoastal, In.....	285,984.0	5,704,889	Intracoastal, In.....	554,093.7	11,122,496
Intracoastal, Out.....	127,240.0	4,857,477	Intracoastal, Out.....	129,025.0	2,823,859	Intracoastal, Out.....	970,018.4	16,766,743
Sub-Total.....	7,304,082.0	\$ 467,818,326	Sub-Total.....	8,148,892.0	\$ 400,116,647	Sub-Total.....	11,055,999.7	\$ 584,399,882
Local Traffic.....	2,443,040.0	22,187,896	Local Traffic.....	2,427,344.0	15,462,185	Local Traffic.....	1,923,826.5	14,326,126
Grand Total....	9,747,122.0	\$ 490,006,222	Grand Total....	10,576,236.0	\$ 415,578,832	Grand Total....	12,979,826.2	\$ 598,726,008

COTTON EXPORTS THROUGH PORT OF HOUSTON FOR

Calendar Year 1920.....	275,879	Square Bales	Calendar Year 1924.....	1,288,280	Square Bales
Calendar Year 1921.....	455,015	Square Bales	Calendar Year 1925.....	1,918,314	Square Bales
Calendar Year 1922.....	771,894	Square Bales	Calendar Year 1926.....	2,071,005	Square Bales
Calendar Year 1923.....	1,004,680	Square Bales	Calendar Year 1927.....	2,158,475	Square Bales
Calendar Year 1928.....	2,326,372	Square Bales			

COUNTY AUDITOR'S REPORT FOR 1928

Summary of 1928

	Tons	Value
<i>Foreign:</i>		
Imports.....	366,819.5	\$ 12,187,033
Exports.....	4,501,996.0	\$ 364,742,215
Foreign Grand Total.....	4,868,815.5	\$ 376,929,248
<i>Coastwise—Atlantic Ports:</i>		
Inbound.....	290,092.7	\$ 47,680,995
Outbound.....	4,285,403.1	123,039,815
Coastwise Grand Total.....	4,575,495.8	\$ 170,720,810
<i>Intercoastal—Pacific Ports:</i>		
Inbound.....	75,198.7	\$ 7,285,685
Outbound.....	12,377.6	1,574,900
Intercoastal Grand Total.....	87,576.3	\$ 8,860,585
<i>Intracoastal—Gulf Ports:</i>		
Inbound.....	554,093.7	\$ 11,122,496
Outbound.....	970,018.4	16,766,743
Intracoastal, Grand Total.....	1,524,112.1	\$ 27,889,239
Sub-Total.....	11,055,999.7	\$ 584,399,882
Local Traffic.....	1,923,826.5	\$ 14,326,126
Grand Total.....	12,979,826.2	\$ 598,726,008

Vessel Classification

Year 1928

Class	American Arrivals and Departures	Foreign Arrivals and Departures	Total	Net Registered Tonnage	Passenger Arrivals and Departures	Draft Av., Ft., In.	Draft Max., Ft., In.
<i>Registered:</i>							
Steamers.....	2,608	1,111	3,718	11,163,850	1,147	24 ft. 31 ft.	
Motor Ships...	16	217	217	785,024		24 ft. 30 ft.	
Tugs—Steam..	17,887		17,887	804,915		8 ft. 16 ft.	
Tugs—Gas....	14,009		14,009	154,099		5 ft. 8 ft.	
Launches.....	9,906		9,906	247,650	21,155	5 ft. 8 ft.	
Barges.....	433		433	497,950		14 ft. 18 ft.	
<i>Unregistered:</i>							
Barges.....	8,098		8,098	1,214,700		4 ft. 8 ft.	
Launches.....	15,100		15,100	90,600	Ferry 181,200	4 ft. 6 ft.	
Total.....	68,057	1,328	69,368	14,958,788	203,502		

Trips and Drafts of Inbound and Outbound Vessels Through Port of Houston

Draft, Feet	TRIPS INBOUND					TRIPS OUTBOUND				
	Steamers	Motor Ships	Barges	Tugs	Launches	Steamers	Motor Ships	Barges	Tugs	Launches
Over 30.....	.....	.....	.....	.....	.....	16	.....	.....	.....	.....
28 to 30.....	5	.....	.....	.....	.....	282	14	.....	.....	.....
26 to 28.....	27	.....	.....	.....	.....	334	18	.....	.....	.....
24 to 26.....	87	3	.....	.....	.....	234	13	.....	.....	.....
22 to 24.....	128	3	.....	.....	.....	166	8	.....	.....	.....
Under 22.....	1,614	106	4,148	15,948	12,503	819	58	4,152	15,949	12,503
Total.....	1,861	112	4,148	15,948	12,503	1,851	111	4,152	15,949	12,503

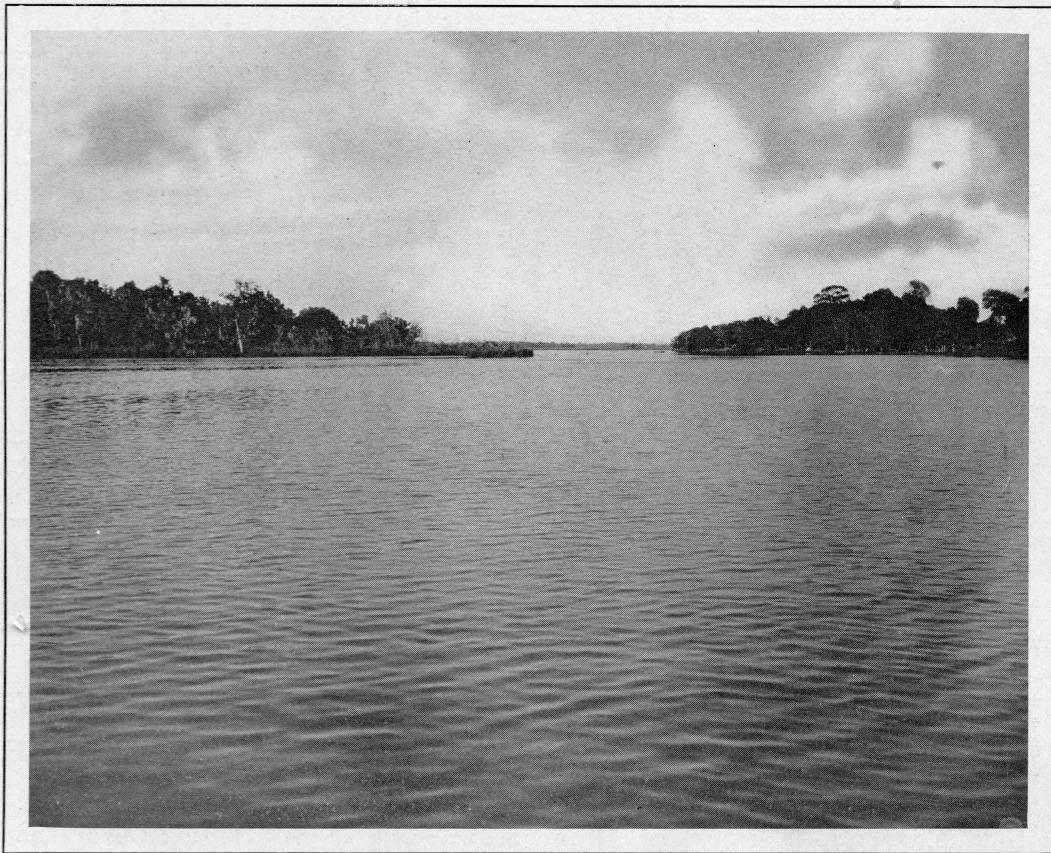
COUNTY AUDITOR'S REPORT FOR 1928

Comparative Statement Arrivals and Departures

Listed below are the number of arrivals and departures for the period of 1919 through 1928, inclusive:

<i>Year</i>	<i>Total Arrivals and Departures Steamers and Motor Ships Only</i>
1919.....	310
1920.....	326
1921.....	744
1922.....	1,006
1923.....	1,400
1924.....	1,907
1925.....	2,376
1926.....	2,777
1927.....	3,560
1928.....	3,935

(This Section embraces matter compiled from the Joint Report of the Commissioners, Auditor and Port Director.)



The Houston Ship Channel