

FLOATING EQUIPMENT

READING COMPANY

TUGS—10

	Horsepower	Construction
Gwynedd.....	325	Steel
Pencoyd.....	350	"
Cheltenham.....	325	"
Ogontz.....	325	"
Winterthur.....	325	"
H. J. Taggart.....	400 (Diesel)	"
Tamaqua.....	1600 (Diesel)	"
Pottsville.....	1600 (Diesel)	"
Shamokin.....	1600 (Diesel)	"
Lehigh.....	960 (Diesel)	"

SUMMARY

OF

EQUIPMENT

CAR FLOATS—21

Car Floats.....	Capacity	Construction	Number
	8 Cars	Steel	11
	10 "	"	4
	14 "	"	6

HOUSE LIGHTERS—5

Number	Capacity	Construction	Number
#107.....	450 Tons	Steel	1
#108.....	450 "	"	1
#109.....	500 "	"	1
#110.....	500 "	"	1
#111.....	500 "	"	1

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OPEN DECK LIGHTERS—7

PHT	Number	Capacity	Construction	Number
#1.....	500 Tons	Steel	1	
#2.....	500 "	"	1	
#3.....	500 "	"	1	
#4.....	500 "	"	1	
#5.....	400 "	"	1	
#6.....	400 "	"	1	
#7.....	400 "	"	1	

SCOWS—2

Number	Construction	Derrick	Number
#1.....	Wood	Hand	1
#2.....	"	"	1

CATAMARANS—4

Number	Construction	Number
#4.....	Wood	1
#7.....	"	1
#8.....	"	1
#9.....	"	1

MISCELLANEOUS—10

Name	Construction	Number
Stake Boat...	Wood	Used for tying up canal boats in New York Harbor.....
		1
Pile Driver #1.	"	1
Float Stages..	"	Used for breasting of steamers, Export Piers.....
		8

NON-REVENUE CARS & LOCOMOTIVES

Air Brake & Diesel Instruction (Air Conditioned) ..	1
Ash & Ballast Hauling.....	365
Ballast Cleaning (shown with Miscel. Equip.).....	3
Ballast Plow (").....	1
Ballast Spreading.....	5
Block.....	4
Box.....	10
Bunk.....	11
Caboose.....	1
Camp Train, Bunk.....	13
" " Dining.....	5
" " Kitchen.....	5
" " Recreation.....	5
" " Wash.....	5
Cement.....	1
Clearance Test.....	1
Derrick—Hand Crane.....	1
Diesel Electric Crane.....	2
Fire Fighter.....	4
Flat.....	3
Fuel Oil Storage.....	1
Gondola (Miscellaneous Service).....	296
Hand Brake Instruction.....	1
Ice Storage.....	2
Idler.....	3
Jordan Composite Spreader (shown with Mis. Equip.)	1
Koppel Air Dump.....	10
Locomotive Cranes.....	23
Motor—Gasoline.....	1
Motor—Kalamazoo.....	1
Officers (Shown with Passenger Cars).....	2
Painters.....	1
Reel and Tower.....	6
Rider.....	10
Sand.....	11
Scale Test.....	3
Snow Flanger.....	15
Snow Plows.....	18
Steam Locomotive (Switcher) No. 1251-Class B4-a..	1
Supply.....	95
Tank.....	31
Tool.....	27
Tunnel Inspection.....	2
Wheel Loading.....	19
Wreck Train Truck.....	3
Wreck Train Auxiliary Water Tender.....	6
Total.....	1,035

Grand Total 59

STEAM LOCOMOTIVES

Class	No. of Locos.	Diam. of Cylinders	Stroke	Steam Pressure	Diam. of Drivers	Weight on Drivers In Working Order	Total Weight In Working Order	Average Tractive Effort
G2-sa	5	25	28	230	80	193100	315700	42800
G3	10	25	28	260	80	197184	329450	48340
I 10-sa	7	27	32	220	61½	291570	322690	71000
K1-sd	11	30½	32	225	61½	353050	439900	92570
K1-se	9	30½	32	225	61½	363900	451000	92570
K1-se	1	30½	32	235	61½	363900	451000	96600
T-1	30	27	32	240	70	278200	441300	*

Total 73 Steam

* Including Booster-79,100 T. E.

OIL-ELECTRIC LOCOMOTIVES

Class	No. of Locos.	Diam. of Cylinders	Stroke	Diam. of Drivers	Weight on Drivers In Working Order	Total Weight In Working Order	Average Tractive Effort	Builder
OE-2	1	10	12	38	133900	133900	33475	I.R.
OE-3	6	8	10	40	205580	205580	51395	E.M.D.
OE-4	2	12½	13	40	233500	233500	58375	Alco.
OE-5	3	8½	10	40	200040	200040	50010	E.M.D.
OE-5	4	8½	10	40	198220	198220	49555	E.M.D.
OE-5	2	8½	10	40	199480	199480	49870	E.M.D.
OE-7	1	12¾	15½	40	194700	194700	48675	B.L.W.
OE-7	3	12¾	15½	40	202660	202660	50665	B.L.W.
OE-7	4	12¾	15½	40	196200	196200	49050	B.L.W.
OE-7	3	12¾	15½	40	194070	194070	48518	B.L.W.
OE-8	3	12½	13	40	194000	194000	48500	Alco.
OE-8	2	12½	13	40	198000	198000	49500	Alco.
OE-9	8	8½	10	40	246864	246864	61716	E.M.D.
OE-10	38	12¾	15½	40	241381	241381	60345	B.L.W.
OE-11	6	12½	13	40	230416	230416	57604	Alco.
OE-12	30	12¾	15½	40	229508	229508	57377	B.L.W.
DF-1	10	8½	10	40	457700	457700	114425	E.M.D.
DF-2	6	8½	10	40	492200	492200	123050	E.M.D.
DF-3	6	9	10½	40	492300	492300	123075	Alco.
DF-4	6	8½	10	40	494800	494800	123700	E.M.D.
DF-4	12	8½	10	40	247400	247400	61850	E.M.D.
DP-1	8	8½	10	40	255100	255100	63775	E.M.D.
RS-1	10	9	10½	40	248000	248000	62000	Alco.
RS-1	15	9	10½	40	249300	249300	62325	Alco.
RS-1	16	9	10½	40	248500	248500	62125	Alco.
RS-1	3	9	10½	40	247300	247300	61825	Alco.
RS-1	7	9	10½	40	259700	259700	64925	Alco.
RS-1b	16	9	10½	40	258900	258900	64725	Alco.
RS-2	10	12¾	15½	42	247400	247400	61850	B.L.H.
RS-2	11	12¾	15½	42	248500	248500	62125	B.L.H.
RS-2	14	12¾	15½	42	260300	260300	65075	B.L.H.
RS-2	4	12¾	15½	42	261600	261600	65400	B.L.H.
RS-2b	4	12¾	15½	42	265700	265700	66425	B.L.H.
RS-3	9	8½	10	40	247100	247100	61775	E.M.D.
RS-3	16	8½	10	40	246400	246400	61600	E.M.D.
RS-3	12	8½	10	40	248100	248100	62025	E.M.D.
RS-3b	7	8½	10	40	246600	246600	61650	E.M.D.
RS-4	7	8½	10	42	385900	385900	96475	F.M.
RS-4b	2	8½	10	42	386700	386700	96675	F.M.

Total 327 Oil-Electric

Grand Total 400

CARS

PASSENGER TRAIN CARS

DIESEL—REVENUE SERVICE

Coaches, Steel.....	*259
Parlor-Coach, Steel.....	**1
Combination: Pass. & Bagg., Steel.....	***52
Bagg. & Mail, Steel.....	15
Club, Steel.....	****1
Cafe, Steel.....	x2
Cafe, Parlor, Steel.....	xx1
Dining-Tavern.....	xxxx1
Grille-Coach.....	xxxx1
Sleeping Car.....	z1
Express & Baggage: Steel.....	101
Stainless Steel Streamlined Coach.....	o2
" " Observation.....	oo2
" " Dining-Tavern.....	oo1
Box Express.....	25
Total.....	466

DIESEL—NON-REVENUE SERVICE

Officers, Steel.....oooo2

Air Conditioned:

* Nos. 1325 to 1335.....	11
* Nos. 1392, 1398.....	2
* Nos. 1525 to 1549.....	25
* Nos. 2000 to 2002.....	3
* Nos. 2010 to 2016.....	7
** No. 699.....	1
*** No. 408.....	1
*** Nos. 584 to 593.....	10
**** No. 2050.....	1
x Nos. 1186, 1188.....	2
xx No. 1189.....	1
xxx No. 1187.....	1
xxxx No. 2060.....	1
o Nos. 2 and 4.....	2
oo Nos. 1 and 5.....	2
ooo No. 3.....	1
oooo Nos. 10, 15.....	2
z Ottawa.....	1
Total.....	74

ELECTRIC—REVENUE SERVICE

Multiple Unit Coach, Steel.....	97
" " Comb.: Pass. & Bagg., Steel.....	2
" " Pass., Bagg. & Mail, Steel.....	2
" " Trailer, Steel.....	27
" " Comb. Pass. Bagg. Mail, Steel.....	1
Total.....	136

RAIL MOTOR—REVENUE SERVICE

Oil-Electric: Pass. & Bagg. Steel.....	2
" " Pass., Bagg. & Mail, Steel.....	4
Total.....	6
Grand Total (Revenue Service).....	608
Grand Total (Non-Revenue Service)....	2

RELIEF CRANES

Crane Nos.	Capacity Tons	Location	Wt. Working Order Lbs.
90600	75	St. Clair	169,100
90636	100	Erie Avenue	212,300
90638	120	Shamokin	208,300
90641	120	Reading	233,600
90649	150	Rutherford	239,800
90900	150	St. Clair	233,000
90905	150	Erie Avenue	240,400
90906	250	Reading	372,000

KEY TO FREIGHT TRAIN CARS

S.C.D.H.—Self Clearing Double Hopper.
 S.C.4-H.—Self Clearing 4-Hopper.
 S.U.—Steel Underframe.
 C.T.U.—Cushion Type Underframe.
 S.F.S.U.—Steel Frame, Steel Underframe.

FREIGHT TRAIN CARS

Automobile:

100,000 Lbs., 40' 6", C.T.U., Steel.....	x4
100,000 Lbs., 50' 6", C.T.U., Steel.....	xx60
Total.....	64

Box:

90,000 Lbs., 36' 2", Wood, S.U.....	7
100,000 Lbs., 40' 6", S.F., S.U.....	*316
100,000 Lbs., 40' 6", Steel, Wood Lined.....	**5,180
100,000 Lbs., 40' 6", Steel, Wood Lined, C.T.U.....	***1,378
100,000 Lbs., 50' 6", Steel, Wood Lined, C.T.U.....	****433
100,000 Lbs., 50' 6", Steel, Wood Lined.....	199
Total.....	7,513

- * 57 cars equipped for auto parts loading.
- ** 15 cars equipped for auto parts loading.
- *** 35 cars equipped with "DF" loading equipment.
- **** 9 cars equipped for auto roofs loading.
- o 50 cars equipped with end doors, one end.

Caboose:

8 wheel, Steel.....	67
8 wheel, Steel, C.T.U.....	172
8 wheel, Composite, C.T.U.....	50
Total.....	289

Coal:

110,000 Lbs., 30' 6", Steel, S.C.D.H.....	1,825
110,000 Lbs., 32' 10", Steel, S.C.D.H.....	2,389
110,000 Lbs., 33' 0", Steel, S.C.D.H.....	4,742
110,000 Lbs., 31' 0", Steel, S.C.D.H., C.T.U.....	2,335
110,000 Lbs., 31' 0", Composite, S.C.D.H., C.T.U.....	1,647
140,000 Lbs., 39' 0", Steel, S.C.4-H.....	*2,895
Total.....	15,833

- * 140 cars equipped for ore concentrate loading.

Special Type: Cement (Covered):

110,000 Lbs., 27' 0", Steel, S.C.D.H.....	54
110,000 Lbs., 22' 0", Steel, S.C.D.H.....	79
140,000 Lbs., 27' 5", Steel, S.C.D.H., C.T.U.....	250
140,000 Lbs., 27' 5", Steel, S.C.D.H.....	100
140,000 Lbs., 27' 5", Steel, S.C.D.H.....	100
Total.....	583

Gondola:

100,000 Lbs., S.U., 36' 4" I.L., 1' 0" sides.....	13
140,000 Lbs., Steel, 46' 0" I.L., 3' 0" sides.....	4,215
140,000 Lbs., Steel, 52' 6" I.L., 3' 6" sides, C.T.U.....	*1,996
140,000 Lbs., Steel, 61' 0" I.L., 3' 3 3/4" sides.....	200
140,000 Lbs., Steel, 65' 6" I.L., 3' 6" sides, C.T.U.....	199
140,000 Lbs., Steel, 52' 6" I.L., 3' 6" sides.....	oo1,000
140,000 Lbs., Steel, 52' 6" I.L., 3' 6" sides.....	500
140,000 Lbs., Steel, 46' 0" I.L., 3' 0" sides, fitted with bulk containers.....	20
Total.....	8,143

- * 109 cars equipped for auto frame loading.
- o 200 Steel Floor.
- oo1000 Steel Floor.

Flat:

140,000 Lbs., 46' 7", Steel, Wood Floor.....	27
140,000 Lbs., 50' 0", Steel, Wood Floor, C.T.U.....	*50
490,000 Lbs., 44' 4", Steel, Steel Floor.....	1
Total.....	78

- * 2 cars equipped for wall board loading.

Well:

135,000 Lbs., Steel.....	10
215,000 Lbs., Steel.....	3
275,000 Lbs., Cast Steel, Depressed Center.....	5
250,000 Lbs., Cast Steel, Depressed Center.....	1
Total.....	19

Poling: Steel.....	2
Float Idler: Steel.....	2
S.U.....	8
Total.....	10
Stock: 80,000 Lbs., S.U.....	22
Grand Total.....	32,556