1914

CATALOGUE AND PRICE LIST

SECTION R

MECHANICAL SIGNAL ACCESSORIES

Masts

Bases

Pinnacles

Slots

Ladders

Operating Rods

Semaphore Spectacles

Semaphore Bearings

Semaphore Blades

Balance Levers

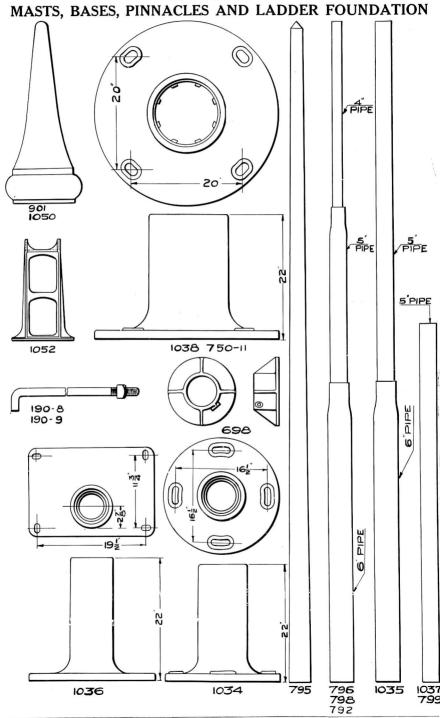
Signal Wheels

Cantilever Brackets

Dummy Masts

Bracket Posts





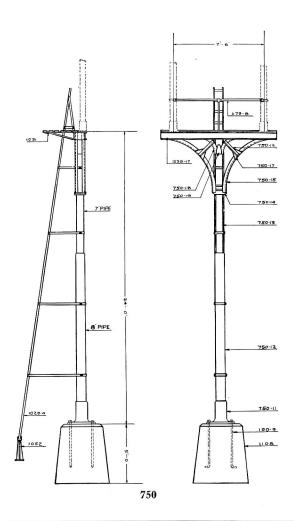


MASTS, BASES, PINNACLES AND LADDER FOUNDA-TION FOR BRIDGE, BRACKET AND GROUND SIGNALS

Trade No.	DESCRIPTION	List Price
795-1	Wood Post, 10" x 10"—32 feet long	\$37.26
795–2	" 10" x 10"—38 " "	44.00
795-3	" 10" x 10"—38 " " " " " 10" x 10"—42 " " " " " " 10" x 10"—42 " " " " " " " " " " " " " " " " " " "	54.72
796-1	Pipe Post, 4", 5" and 6" Sections, 32 feet long. Same as above with No. 698 Base Casting.	53.10
796-11	Same as above with No. 698 Base Casting	57.60
796-2	Pipe Post, 4", 5" and 6" Sections, 39 feet long	71.10
796-22	Same as above with No. 698 Base Casting	75.60
796-3	Pipe Post, 4", 5" and 6" Sections, 46 feet long.	136.80
796-33	Same as above with No. 698 Base Casting.	141.30
1035-1	R. S. A. Pipe Post, 5" and 6" Sections, 25 feet long	46.80
1035-11	Same as above with R. S. A. 1034 Base.	72.00
1035-2	R. S. A. Pipe Post, 5" and 6" Sections, 32 feet long	64.80
1035-22	Same as above with R. S. A. No. 1034 Base	90.00
1035-3	R S A Pine Post 5" and 6" Sections 20 feet long	82.80
1035–33	R. S. A. Pipe Post, 5" and 6" Sections, 38 feet long. Same as above with R. S. A. No. 1034 Base.	108.00
798–1	Pine Post 4" 5" and 6" Sections 27 feet I	46.80
798–11	Pipe Post, 4", 5" and 6" Sections, 27 feet long	
798-11	Same as above with R. S. A. No. 1034 Base.	72.00
798-2	Pipe Post, 4", 5" and 6" Sections, 33 feet long.	64.80
	Same as above with R. S. A. No. 1034 Base.	90.00
798-3	Pipe Post, 4", 5" and 6" Sections, 40 feet long.	82.80
798–33	Same as above with R. S. A. No. 1034 Base.	108.00
792-1	Pipe Post, 4", 5" and 6" Sections, 30 feet long	53.10
792–11	Same as above with No. 698 Base.	57.60
792-2	Pipe Post, 4", 5" and 6" Sections, 37 feet long	71.10
792-22	Pipe Post, 4", 5" and 6" Sections, 37 feet long Same as above with No. 698 Base.	75.60
792–3	Pipe Post, 4", 5" and 6" Sections, 44 feet long	136.80
792–33	Same as above with No. 698 Base	141.30
1037-1	R. S. A. Pipe Post, 5" Section, 6 feet long	7.20
1037–11	Same as above with R. S. A. 1036 Base.	28.80
1037-2	R. S. A. Pipe Post, 5" Section, 13 feet long	21.60
1037–22	R. S. A. Pipe Post, 5" Section, 13 feet long Same as above with R. S. A. 1036 Base	43.20
1037–3	R. S. A. Pipe Post, 5" Section, 19 feet long	36.00
1037–33	Same as above with R. S. A. 1036 Base	57.60
799–1	Pipe Post, 5" Section 8' 6" long	21.60
799–11	Same as above with R. S. A. Base	43.20
799–2	Pipe Post, 5" Section, 15 feet long	36.00
799–22	Same as above with R. S. A. 1036 Base	57.60
799–3	Pipe Post, 5" Section 21' 6" Iong	50.40
799–33	Same as above with R. S. A. 1036 Base	72.00
698	base Casting for 0" Pipe Section with Set Screw	4.50
750-11	" for 8" Pipe Section Bracket Post	31.50
1038	R. S. A. Base for Bracket Post	45.00
1034	" " Ground Signals	19.80
1036	" " " " Bracket "	16.20
901	Pinnacle for 4" Pipe Section with Set Screw	2.40
1050	R A Pinnacle for 5" Dina Control with Cat Causes	$\frac{2.10}{2.70}$
1052	" " Ladder Foundation Anchor Bolts, 1" x 3' with Square Nut and 2½" Hook " " 1½" x 4' " " " " " "	3.51
190-8	Anchor Bolts, 1" x 3' with Square Nut and 21/2" Hook	.72
190-9	" 1½"x 4'" " " " " " "	3.15
1050-1	Set Screw for Pinnacles 5/8" x 1 1/1"	.05
697-1	" " Base Casting 1/4" x 11/4"	.03
1196-10	Set Screw for Pinnacles 5/8" x 11/4" " " Base Casting 1/2" x 11/4" 1/2" x 11/2" Square Head Bolts for Ladder to Ladder Founda-	.00
	/ = -/ =	



PIPE BRACKET POST

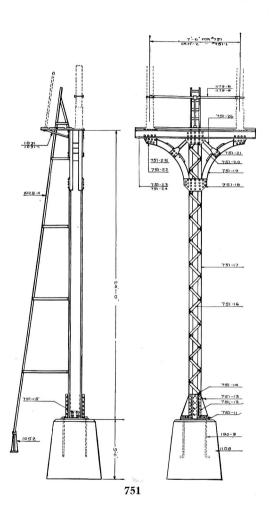


Trade No.	DESCRIPTION	List Price
750	Bracket Post complete as shown with Ladder and Handrail	
750-1	for Two SignalsSame as above without Ladder and Handrail	

Concrete Foundations are not included in list price.



COLUMN BRACKET POST

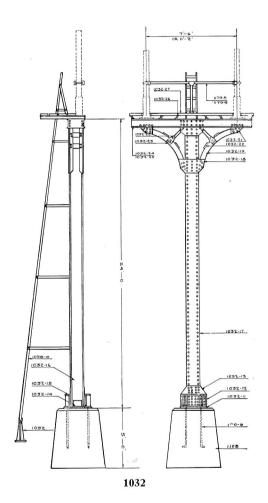


Trade No.	DESCRIPTION	List Price
751	Bracket Post complete as shown with Ladder and Handrail for Two Signals	
751-2	Same as above without Ladder and Handrail	
751–1	Bracket Post complete with Ladder and Handrail for Three	
751-3	SignalsSame as above without Ladder and Handrail	

Concrete Foundations are not included in list prices.



R. S. A. COLUMN BRACKET POST



List Trade DESCRIPTION Price R. S. A. Column Bracket Post complete with Ladder and

1032-2 1032-1	Same as above without Ladder and Handrail
1032-3	Same as above without Ladder and Handrail

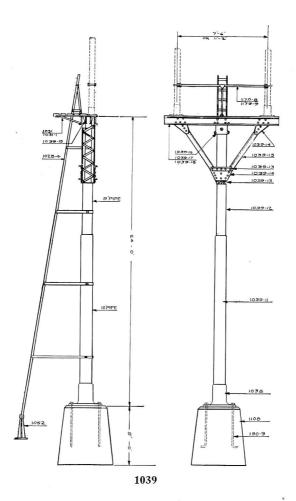
Concrete Foundations are not included in list price.

No.

1032



R. S. A. BRACKET POST

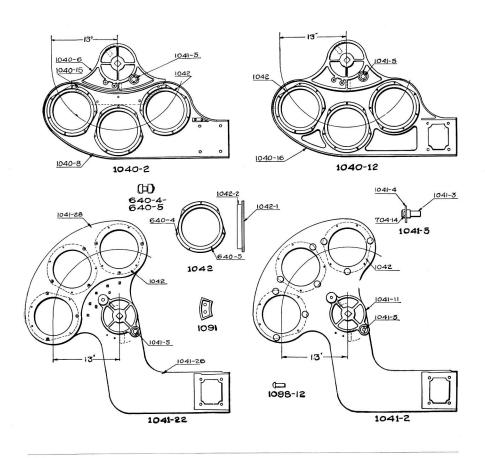


Trade No.	DESCRIPTION	List Price
1039	R. S. A. Bracket Post complete as shown with Ladder and Handrail for Two Signals	\$360.00
1039-2	Same as above without Ladder and Handrail.	333.00
1039-1	R. S. A. Bracket Post complete as shown with Ladder and	000.00
1039-3	Handrail for Three Signals Same as above without Ladder and Handrail	405.00 378.00

Concrete Foundations are not included in list price.



R. S. A. 90 DEG. UPPER QUADRANT SEMAPHORE SPECTACLES FOR USE WITH GROUND, BRIDGE OR BRACKET SIGNALS



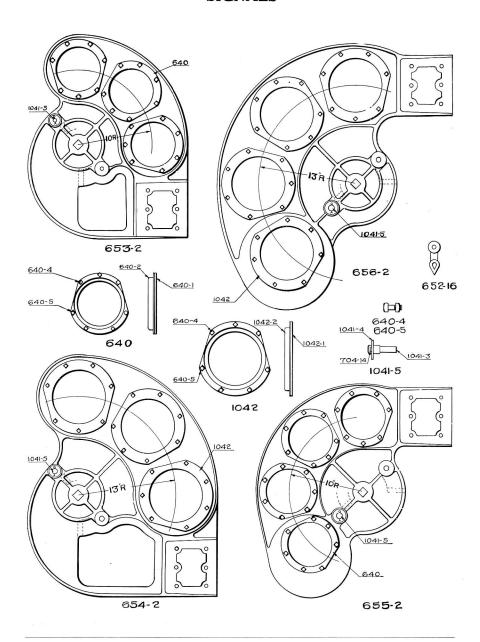


R. S. A. 90 DEG. UPPER QUADRANT SEMAPHORE SPECTACLES FOR USE WITH GROUND, BRIDGE OR BRACKET SIGNALS

Trade No.	DESCRIPTION	List Price
1040-2	R.S.A. Spectacle, Design "A", 1" Square Hole with Operating	
	Stud. Roundel Rings and Bolts, Stamped Roundel Support	\$17.10
1040-1	Same as above except without Operating Stud	16.95
1040-4	Same as above except without Operating Stud	
	Stud	17.10
1040-12	R. S. A. Spectacle, Design "A", 1" Square Hole with Oper-	
	ating Stud, Roundel Rings and Bolts, Cast Spectacle	15.30
1040-11	Same as above except without Operating Stud	15.15
1040-14	" " with 1¼" Round Hole and Operating	45 20
	Stud	15.30
1041-2	R. S. A. Spectacle, Design "B", 1" Square Hole with Oper-	16.00
	ating Stud, Roundel Rings and Bolts, Cast Spectacle	16.20 16.05
1041-1	Same as above without Operating Stud	16.03
1041-7	with 1½" Round Hole and Operating Stud.	10.20
1041-22	Same as above without Operating Stud	18.00
1041 21	ating Stud, Rounder Rings and Boits, Stamped Speciacie.	17.8
$1041-21 \\ 1041-24$	Same as above without Operating Stud except with 1½" Round Hole and Oper-	17.0
1041-24	except with 174 Round Hole and Oper-	18.0
1040-6	ating Stud	10.0
1040-0	Spectacle Square 1100, Besign 11, Stamped	4.0
1040-7	Spectacle Bearing, 11/4" Round Hole, Design "A", Stamped	1.00
1010 ,	Spectacle	4.0
1040-8	Spectacle	10.80
1040-15	3/8" x 7/8" Square Head Machine Bolt with Hexagon Nut	. 04
1040-16	**Synatrology of Spectacle Bearing, Design "A" **Synatrology of Sentence Bolt with Hexagon Nut Cast Spectacle, 1" Square Hole, Design "A" " 1½" Round Hole, Design "A" " 1" Square Hole, Design "B" " 1½" Round Hole, Design "B" Spectacle Bearing, Design "B", 1" Square Hole, Stamped	13.3.
1040-17	" 1 ¹ / ₄ " Round Hole, Design "A"	13.3.
1041-11	" " Square Hole, Design " B "	14.2.
1041-12	" "Round Hole, Design "B"	14.2
1041-26	Spectacle Bearing, Design "B", 1" Square Hole, Stamped	
	Spectacle Bearing, Design "B", 1¼" Round Hole, Stamped	4.9
1041-27	Spectacle Bearing, Design "B", 1¼" Round Hole, Stamped	1.0
1011 00	Spectacle	4.9
1041-28	Roundel Support, Design "B" Operating Stud, complete with Washer and Cotter	10.8
1041-5	Operating Stud, complete with Washer and Cotter	.1.0
1041-4	Washer Only. 3/15" x 1½" Cotter Pin, per C.	.9
704-14	Filler Block for limiting Travel Arms from 45 deg. to 90 deg. or	.9
1091	for fixing Arms in 45 deg. position	.2
1098-12	3/8" x 1½" R. H. I. Rivets	.0
1098-12	R. S. A. Roundel Ring, complete with Bolts, 83/8" Roundels	.6
1042-1	Flat Ring	.1
1042-1	Cup "	.2
640-4	Cup " 14" x 58" Square Head Machine Bolts and Nuts	.0
640-5	I/" x 3/" " " " " " " "	.0



SEMAPHORE SPECTACLES FOR TRAIN ORDER SIGNALS



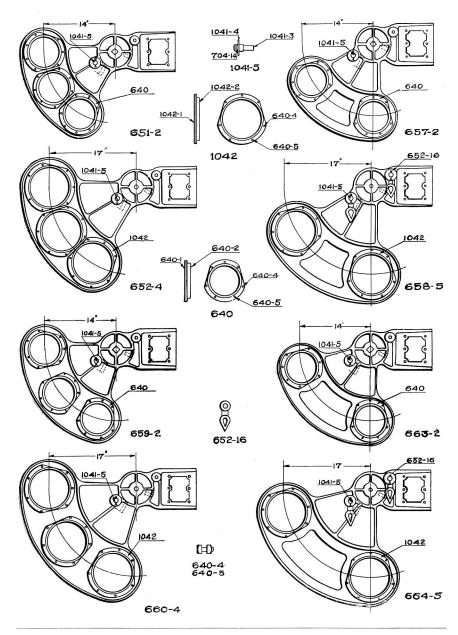


SEMAPHORE SPECTACLES FOR TRAIN ORDER SIGNALS

Trade No.	DESCRIPTION	List Price
653-2	Three Light 90 deg. Semaphore Spectacle complete as shown with Operating Stud, Roundel Rings and Bolts, 1" Square	@14 FF
653–4 653–5	Hole, 6½" Roundels	\$14.55 14.55
654–2	Studs and Two Combination Shackle and Wire eyes Three Light 90 deg. Semaphore Spectacle complete as shown with Operating Stud Roundel Rings and Bolts. 1" Square	14.91
654-4	Hole, 83%" Roundels	15.30 15.30
654–5	Studs and Two Combination Shackles and Wire Eyes	15.66
655-2	Four Light 90 deg. Universal Semaphore Spectacle complete	
	1" Square Hole, 6½" Roundels	11.70
655–4 655–5	1" Square Hole, 6½" Roundels Same as above except with 1¼" Round Hole " " " Two Operating Studs and Two Combination Shackles and Wire Eyes	11.70
656-2	Four Light 90 deg. Universal Semaphore Spectacle complete	12.06
	as shown with Operating Stud, Roundel Rings and Bolts	12.70
656-4 $656-5$	1" Square Hole, 83%" Roundels. Same as above except with 11/4" Round Hole	12.70
	Two Operating Studs and Two Combination Shackles and Wire Eyes Operating Stud with Washer and Cotter	13.05
1041-5	Operating Stud with Washer and Cotter	.15
1041-4	Washer Only	.02
704–14 1042	3/16" x 1½" Cotter Pins, per C	.90
1042	R. S. A. Roundel Rings complete with Bolts and Nuts, 83/8" Roundels	.60
1042 - 1	Flat Ring for above	.18
1042-2	Cup "" "	.21
640	Roundel Rings complete with Bolts, 6½" dia	.60
640-1 640-2	Flat Ring for above	.18
640-4	1/4" x 5%" Square Head Machine Bolts and Nuts	.03
640-5	Cup " " " Y4" x \$4" Square Head Machine Bolts and Nuts. 14" x 34" " " " " " " " " " " " " " " " " " "	.03
652 - 16	Combination Shackle and Wire Eye	.11



60 DEG. AND 75 DEG. LOWER QUADRANT SEMAPHORE SPECTACLES





60 DEG. AND 75 DEG. LOWER QUADRANT SEMAPHORE SPECTACLES

Trade No.	DESCRIPTION	List Price
651-2	Three Light 60 deg. Semaphore Spectacle complete as shown with Operating Stud, Roundel Rings and Bolts, 1" Square	25.5
CE4 4	Hole, 6½" Roundels	\$7.74
651–4 651–5	Same as above except with 1" Round Hole	7.74
652-2	Shackles and Wire Eyes, 1¼" Round Hole, 6½" Roundels Three Light 60 deg. Semaphore Spectacle complete with Operating Stud, Roundel Rings and Bolts, 1" Square Hole,	8.00
	83/8" Roundels	8.46
652–4 652–5	Same as above except with 1" Round Hole as shown Three Light 60 deg. Semaphore Spectacle complete with Two Operating Studs, Roundel Rings, Bolts and Two Combination Shackles and Wire Eyes, 14" Round Hole,	8.46
	83/8" Roundels	8.72
657-2	Two Light 60 deg. Semaphore Spectacle complete as shown with Operating Stud, Roundel Rings and Bolts, 1" Square	
657-4	Hole, 6½" Roundels	7.74
657-5	Two Light 60 deg. Semaphore Spectacle complete with Two Operating Studs, Roundel Rings, Bolts and Two Combination Shackles and Wire Eyes, 11/4" Round Hole, 83%"	7.74
	Roundels	8.00
65 8–2	Two Light 60 Deg. Semaphore Spectacle complete with Operating Stud, Roundel Rings and Bolts, 1" Square Hole, 83%" Roundels	8.46
658–4 658–5	Same as above except with 1" Round Hole. Two Light 60 deg. Semaphore Spectacle complete as shown with Two Operating Studs, Roundel Rings, Bolts, Two Combination Shackles and Wire Eyes, 14" Round Hole	8.46
	for 83%" Roundels. Operating Stud with Washer and Cotter.	8.72
1041-5	Operating Stud with Washer and Cotter	.15
$1041-4 \\ 704-14$	Washer Only	.02
1042	18" x 1½" Cotter Pins, per C. R. S. A. Roundel Ring complete with Bolts, 8¾" dia	.60
1042-1	Flat Ring	.18
1042-2	Cup "	.21
640	Roundel Ring complete with Bolts, $6\frac{1}{2}$ " Roundels	.60
640-1	Flat Ring	.18
640-2	Cup	.21
640–4 640–5	1/11 x 3/8" Square Head Machine Bolts and Nuts	.03
652-16	Cup "5	.11

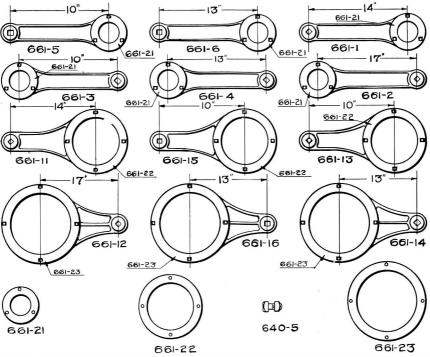


60 DEG. AND 75 DEG. LOWER QUADRANT SEMAPHORE SPECTACLES

559-4 559-5 Same as above except with 1" Round Hole	Trade No.	DESCRIPTION	List Price
59-4 Same as above except with 1" Round Hole. Three Light 75 deg. Semaphore Spectacle complete with Two Operating Studs, Roundel Rings, Bolts and Two Combination Shackles and Wire Eyes, 1½" Round Hole, 6½" Roundels. Three Light 75 deg. Semaphore Spectacle complete with Operating Stud, Roundel Rings and Bolts with 1" Square Hole, 8¾" Roundels. Same as above with 1" Round Hole as shown. Three Light 75 deg. Semaphore Spectacle complete with Two Operating Studs, Roundel Rings, Bolts and Two Combination Shackles and Wire Eyes, 1½" Round Hole, 8¾" Roundels. Two Light 75 deg. Semaphore Spectacle complete as shown with Operating Stud, Roundel Rings and Bolts, 1" Square Hole, 6½" Roundels. Same as above except with 1" Round Hole. Two Light 75 deg. Semaphore Spectacle complete with Two Operating Studs, Roundel Rings, Bolts and Two Combination Shackles and Wire Eyes, 1½" Round Hole, 6½" Roundels. Two Light 75 deg. Semaphore Spectacle complete with Two Operating Studs, Roundel Rings, Bolts and Two Combination Shackles and Wire Eyes, 1½" Round Hole, 6½" Roundels. Two Light 75 deg. Semaphore Spectacle complete with Operating Stud, Roundel Rings and Bolts with 1" Square Hole, 8¾" Roundels. Two Light 75 deg. Semaphore Spectacle complete with Operating Stud, Roundel Rings and Bolts with 1" Square Hole, 8¾" Roundels. 864-4 Same as above except with 1" Round Hole.	659-2	with Operating Stud, Roundel Rings and Bolts, 1" Square Hole, 6%" Roundels	\$7.74
Roundels. Three Light 75 deg. Semaphore Spectacle complete with Operating Stud, Roundel Rings and Bolts with 1" Square Hole, 83%" Roundels. 660-4 Same as above with 1" Round Hole as shown Three Light 75 deg. Semaphore Spectacle complete with Two Operating Studs, Roundel Rings, Bolts and Two Combination Shackles and Wire Eyes, 1½" Round Hole, 85%" Roundels. 663-2 Two Light 75 deg. Semaphore Spectacle complete as shown with Operating Stud, Roundel Rings and Bolts, 1" Square Hole, 6½" Roundels. 663-4 Same as above except with 1" Round Hole. 77 Two Light 75 deg. Semaphore Spectacle complete with Two Operating Studs, Roundel Rings, Bolts and Two Combination Shackles and Wire Eyes, 1½" Round Hole, 6½" Roundels. 664-2 Two Light 75 deg. Semaphore Spectacle complete with Operating Studs, Roundel Rings, Bolts and Two Combination Shackles and Wire Eyes, 1½" Round Hole, 6½" Roundels. 664-2 Two Light 75 deg. Semaphore Spectacle complete with Operating Stud, Roundel Rings and Bolts with 1" Square Hole, 83%" Roundels. 8 Same as above except with 1" Round Hole.		Same as above except with 1" Round Hole	7.74
Same as above with 1" Round Hole as shown Three Light 75 deg. Semaphore Spectacle complete with Two Operating Studs, Roundel Rings, Bolts and Two Combination Shackles and Wire Eyes, 1½" Round Hole, 8¾" Roundels. Two Light 75 deg. Semaphore Spectacle complete as shown with Operating Stud, Roundel Rings and Bolts, 1" Square Hole, 6½" Roundels. Same as above except with 1" Round Hole. Two Light 75 deg. Semaphore Spectacle complete with Two Operating Studs, Roundel Rings, Bolts and Two Combination Shackles and Wire Eyes, 1½" Round Hole, 6½" Roundels. Two Light 75 deg. Semaphore Spectacle complete with Operating Stud, Roundel Rings and Bolts with 1" Square Hole, 8¾" Roundels. Same as above except with 1" Round Hole. 8 Same as above except with 1" Round Hole.	660–2	Roundels	8.00
Three Light 75 deg. Semaphore Spectacle complete with Two Operating Studs, Roundel Rings, Bolts and Two Combination Shackles and Wire Eyes, 1½" Round Hole, 8¾" Roundels	660 1	Hole, 83/8" Roundels	8.46 8.46
Roundels		Three Light 75 deg. Semaphore Spectacle complete with Two Operating Studs, Roundel Rings, Bolts and Two Combi-	8.40
with Operating Stud, Roundel Rings and Bolts, 1" Square Hole, 6½" Roundels		Roundels	8.72
5ame as above except with 1" Round Hole	663~2	with Operating Stud, Roundel Rings and Bolts, 1" Square	7 7 4
Two Light 75 deg. Semaphore Spectacle complete with Two Operating Studs, Roundel Rings, Bolts and Two Combination Shackles and Wire Eyes, 1¼" Round Hole, 6½" Roundels	663_4	Same as above except with 1" Round Hole	7.74 7.74
Roundels		Two Light 75 deg. Semaphore Spectacle complete with Two Operating Studs, Roundel Rings, Bolts and Two Combi-	7.71
Operating Stud, Roundel Rings and Bolts with 1" Square Hole, 838" Roundels		Roundels	8.00
664–4 Same as above except with 1" Round Hole	664–2	Operating Stud, Roundel Rings and Bolts with 1" Square	
664-4 Same as above except with 1' Round Hole		Hole, 83/8" Roundels	8.46
with Two Operating Studs, Roundel Rings, Bolts and Two	664–4 664–5	Two Light 75 deg. Semaphore Spectacle complete as shown with Two Operating Studs, Roundel Rings, Bolts and Two	8.46
Combination Shackles and Wire Eyes, 1½" Round Hole, 8½8" Roundels		Combination Shackles and Wire Eyes, 1 ¹ / ₄ " Round Hole,	8.72



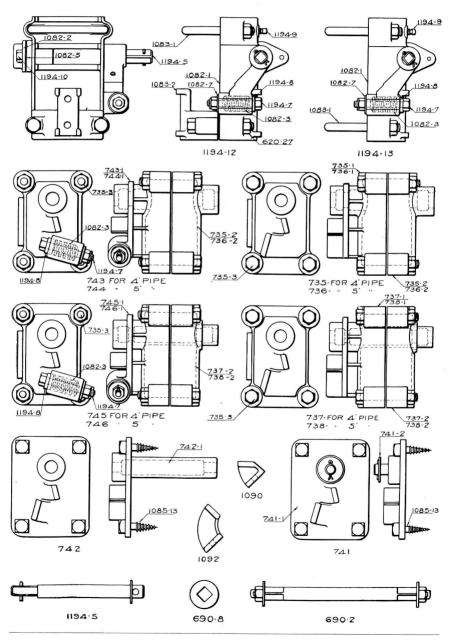
BACK SPECTACLES FOR GROUND, BRIDGE AND BRACKET SIGNALS



Trade No.	DESCRIPTION	List Price
661-3	Back Spectacle complete with Roundel Rings and Bolts, for	21.21
	use with 653 and 655 Spectacles, 3" Roundels	\$1.26
661–13	Same as above except for $6\frac{1}{2}$ Roundels	1.35
661–5	Back Spectacle complete with Roundel Rings and Bolts, for use with 655 Spectacle, 3" Roundel	1.26
661-15	Same as above except for 6½" Roundel	1.35
661-4	Back Spectacle complete with Roundel Rings and Bolts, for	
	use with 654, 656 and 1041 Spectacle, 3" Roundel	1.26
661-14	Same as above except for 83/8" Roundel	1.98
661-6	Back Spectacle complete with Roundel Rings and Bolts, for	300000000000000000000000000000000000000
	use with 656 and 1040 Spectacle, 3" Roundel	1.26
661-16	Same as above except for 83/8" Roundel	1.98
661-1	Back Spectacle complete with Roundel Rings and Bolts, for	
	use with 651, 657, 659 and 663 Spectacle, 3" Roundel	1.26
661-11	Same as above except for 6½" Roundel	1.44
661-2	Back Spectacle complete with Roundel Ring and Bolts, for	0.000
	use with 652, 658, 660 and 664 Spectacle, 3' Roundel	1.26
661-12	Same as above except for 83/8" Roundels	1.98
661-21	Roundel Ring, Sheet Steel	.13
661-22	" " " "	.18
661-23	a a a a	.18
640-5	1/4" x 3/4" Square Head Machine Bolt and Nut for fastening	
	Sheet Steel Ring to Spectacle	. 03



SEMAPHORE BEARINGS FOR GROUND, BRIDGE OR BRACKET SIGNALS





SEMAPHORE BEARINGS FOR GROUND, BRIDGE OR BRACKET SIGNALS

Trade No.	DESCRIPTION	List Price
1194-12	R. S. A. Semaphore Bearing complete as shown with Shaft, Gasket, Cap,	
	Spring Stop II Bolt Clamp and Bolts for fastening to 5" Pine	\$12.25
1194-22	Same as above except for 4" Pipe	12.25
1194-15	" " without Shaft for 5" Pipe	10.00
1194-17	Same as above except for 4" Pipe. """ without Shaft for 5" Pipe. """ 4""	10.00
1194-13	R. S. A. Semaphore Bearing complete as shown with Shaft, Gasket, Cap, Spring Stop and Two U Bolts for fastening to 5" Pipe	
	Spring Stop and I wo U Bolts for fastening to 5" Pipe	11.25
1194-23	Same as above except for 4" Pipe. "" without shaft for 5" Pipe. "" 4"	11.25
1194-14	without shaft for 5" Pipe	9.00
1194-16		9.00
1194–18	R. S. A. Semaphore Bearing complete with Shaft for Backlight, Gasket, Cap,	
1104 04	Spring Stop, U Bolt, Clamp and Bolts for fastening to 5" Pipe	12.75
1194-24 1194-19	Same as above except for 4 Pipe.	12.75
	Same as above except for 4" Pipe. "" without Shaft for 5" Pipe. "" " 4" " " " " " " " " " " " " " " "	10.05
1194-25 1194-20	P. S. A. Samanhara Bearing complete with Shaft for Partitle Collet	10.05
1194-20	R. S. A. Semaphore Bearing complete with Shaft for Backlight, Gasket,	44 77
1194-26	Cap, Spring Stop and Two U Bolts for fastening to 5" Pipe	11.75
1194-20	Same as above except for 4 Pipe.	11.75
1194-21	Same as above except for 4" Pipe. """ without Shaft for 5" Pipe. """ """ """ """ """ """ """	9.05
735	Semaphore Bearing complete as shown with Back Half, Set Screw and Bolts	9.05
133	for fostering to A" Ding and with I own Out Just Control	
736	Some as above a veent for 5" Disc	4.41
747	" " " " " " " " " " " " " " " " " " "	4.41
748	Same as above except for 5" Pipe. """" 4"" for use with Upper Quadrant Spectacles """ " "" 5"" for use with Upper Quadrant Spectacles	4.41
743	Semaphore Bearing complete as shown with Back Half, Set Screw, Spring Stop and Bolts for fastening to 4" Pipe, used with Lower Quadrant	4.41
	Spectacles	6.21
744	Same as above except for 5" Pipe	6.21
749	for use with Upper Quadrant Spectacles	6.2
760	Spectacles . Same as above except for 5" Pipe . """ for use with Upper Quadrant Spectacles . """ """ """ """ """ """ """ "" """ "	6.2
737	Semaphore Dearing complete as shown with Dack Half, Set Screws and Bolts	
	for fastening to 4" Pipe, used with Lower Quadrant Spectacle	4.5
738	Same as above except for 5" Pipe	4.5
761	Same as above except for 5" Pipe. " 4" for use with Upper Quadrant Spectacles. " 5" for use with Upper Quadrant Spectacles.	4.5
762		4.5
745	Semaphore Bearing complete as shown with Back Half, Set Screws, Spring Stop and Bolts for fastening to 4" Pipe, used with Lower Quadrant Spectacles	6.3
746	Same as above except for 5" Pine	6.3
739	Same as above except for 5" Pipe. """ for use with Upper Quadrant Spectacles. """ """ """ """" """" """" """" """"" """"	6.3
740		6.3
1082-1	R. S. A. Semaphore Bearing for 5" Pipe	6.7
1082-6	Same as above except for 4" Pipe	6.7
1082-2	Cap for Bearing, for use without Backlight	.13
1082-4	" " with Backlight	.2
1082-5	Gasket for Cap	.14
1082-3	Coil Spring. Stop Bolt complete with Nut, Washers and Cotter	.6
1194-7	Stop Bolt complete with Nut, Washers and Cotter	. 1
1194-8	Sleeve	.09
1194-5	R. S. A. Semaphore Shaft complete with Washer Pin and Cotter	2.2.

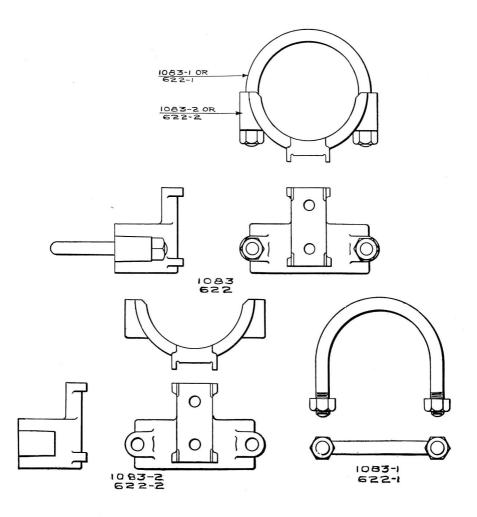


SEMAPHORE BEARINGS FOR GROUND, BRIDGE OR BRACKET SIGNALS

Trade No.	DESCRIPTION	List Price
690-2 1083-1 1083-2 622-1 622-2 620-27	Semaphore Shaft 1" Square, for use with Back Spectacle U Bolt for 5" Pipe. Clamp " 5" " U Bolt " 4" " Clamp " 4" " 34" x 5½" Hexagon Head Machine Bolts and Nuts for fasten-	\$2.70 .81 1.44 .81 1.44
1194–10 1194–9 1082–7 735–3	ing Clamp to R. S. A. Semaphore Bearing. ½" x 1" Hexagon Head Cap Screws. ½" x 1½" Square Head Set Screw. 58" Standard Washer. 34" x 5" Square Head Machine Bolts and Nuts for fastening Semaphore Bearings. Semaphore Bearing, (Front Half Only), for 4" Pipe Lower	.18 .04 .04 .02
735–1 736–1 747–1	Quadrant Spectacle	2.25 2.25
748-1	Same as above except for 5" Pipe and Upper Quadrant Spec-	2.25
743-1	tacles	2.70
744–1 749–1	Same as above except for 5" Pipe	2.70
760-1	tacles Same as above except for 5" Pipe and Upper Quadrant Spectacles	2.70
737–1	Semaphore Bearing (Front Half Only), for 4" Pipe Lower	2.40
738 - 1 761-1	Quadrant Spectacles. Same as above except for 5" Pipe	2.40
762-1	tacles Same as above except for 5" Pipe and Upper Quadrant Spectacles Semaphore Bearing (Front Half Only), for 4" Pipe and Lower	2.40
745-1	Uniagrant Spectacles	2.85
746–1 739–1	Same as above except for 5" Pipe	2.85
740-1	tacle	2.85 2.85
735–2	Semaphore Bearing (Rear Half Only), for No. 735, 747, 743 and	1.67
736–2	749 Bearing	1.67
737–2 738–2 1090	739 Bearing (Rear Half Only), of No. 737, 761, 745 and 739 Bearing	1.67 1.67
1092 1196–10 690–8 741 742	0 to 45 deg. and also used in connection with R. S. A. 1091 Filler Block for fixing Signal in the 45 deg. position R. S. A. Filler Block, used for fixing Signal Arm in 0 deg. " ½" x 1½" Square Head Machine Bolt and Nut for Filler Block Collar used when Back Spectacle is not required Bearing for Wood Post complete with Stud and Lag Screws Horn Bearing for Wood Post complete with Lag Screws	.14 .18 .05 .09 1.60 1.76



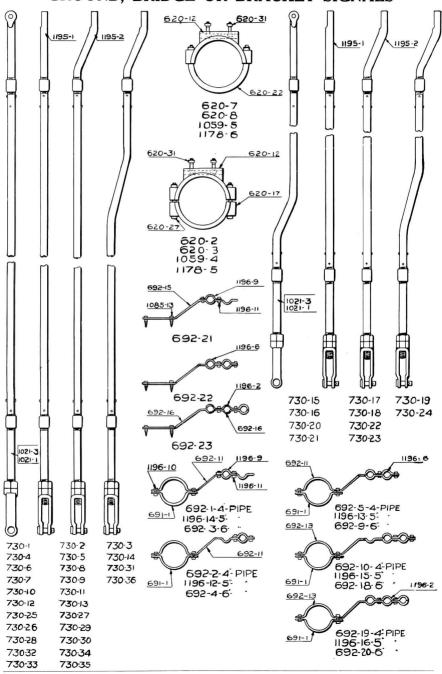
LAMP BRACKET HOLDER



Trade No.	DESCRIPTION	List Price
1083 622 1083–1	R. S. A. Lamp Bracket Holder complete as shown for 5" Pipe Same as above except for 4" Pipe	\$2.03 2.03
622-1 1083-2 622-2	for 5" Pipe	.81 .81 1.44 1.44



OPERATING RODS, PIPE GUIDES AND CLAMPS FOR GROUND, BRIDGE OR BRACKET SIGNALS





OPERATING RODS, PIPE GUIDES AND CLAMPS FOR GROUND, BRIDGE AND BRACKET SIGNALS

Trade No.	DESCRIPTION	List Price
730–1	Operating Rod complete as shown for 90 deg. Pipe Operated Bridge and Bracket Signals, 3' 8½" long	
	Bridge and Bracket Signals, 3' 8½" long	\$3.60
730–10	Same as above except 9' 8½" long	4.50
730–4	" " " " 10′ 8½" "	4.50
730–11	Operating Rod complete as shown for 90 deg. Pipe Operated Bridge and Bracket Signals, Offset Eye Rod, 9' 8½" long Same as above except 10' 8½" long	4.50
730-2	Same as above except 10' 8½" long	4.50
730-5	" " 16' 8½" "	5.40
730–3	Operating Rod complete as shown for 90 deg. Pipe Operated Bridge and Bracket Signals, Offset Pipe and Eve Rod,	
	16' 8'½'' long	5.40
730–25	Operating Rod complete as shown for 90 deg. Wire Operated	2 (0
	Bridge and Bracket Signals, 3' 2" long	3.60
730-28	Same as above except 9' 2'' long	4.50
730–26		4.50
730–30	Operating Rod complete as shown for 90 deg. Wire Operated Bridge and Bracket Signals, Offset Eye Rod, 9' 2" long	4.50
730–27	Same as above except 10° 2′′ long	4.50
730-29	" " " 16′ 2″ "	5.40
730–31	Offset in Pipe	5.40
730–15	Operating Rod complete as shown for 60 deg. Pipe Operated Bridge and Bracket Signals, 6' 10'' long	4.50
730–16	Same as above except 13' 4" long	4.95
730–17	Operating Rod complete as shown for 60 deg. Pipe Operated Bridge and Bracket Signal, Offset Eye Rod, 13' 4" long	5.40
730–18	Same as above excepting 19' 10" long	5.85
730-19	Onset in Pipe	6.30
730–20	Operating Rod complete as shown for 60 deg. Wire Operated Bridge and Bracket Signal, 6' 3½" long	4.50
730-21	Same as above except 12' 9 ½" long	4.95
730–22	Operating Rod complete as shown for 60 deg. Wire Operated Bridge and Bracket Signal, Offset Eye Rod, 12' 9½" long . Same as above except 19' 3½" long.	5.40
730-23	Same as above except 19' 31/2" long.	5.85
730-24	" " Offset in Pipe	6.30
730-6	Operating Rod complete as shown for 90 deg Ground Signal	
,000	22' 6" Iong	7.20
730-12	22' 6" long	8.10
730-7	" " " 20' 6" "	8.10
730–13	Operating Rod complete as shown for 90 deg. Ground Signal	8.10
730-8	Same as above except 20' 6'' "	8.10
730-8	Same as above except 29' 6" " " " " 35' 6" "	9.45
730-9	" " with Offset in Pipe	9.45
730-14	Operating Rod complete as shown for 60 deg. Ground Signal,	7.40
130-32	25 feet long	7.20
730–33	Same as above except 32 feet long	7.65
130-33	Same as above except 32 feet long	1.0.



OPERATING RODS, PIPE GUIDES AND CLAMPS FOR GROUND, BRIDGE AND BRACKET SIGNALS

Trade No.	DESCRIPTION	List Price
730–34	Operating Rod complete as shown for 60 deg. Ground Signal	
	with Offset Eve Rod, 32 feet long	\$8.10
730–35	Same as above except 38 feet long	8.80
730–36	Same as above except 38 feet long	9.4
692-1	Pipe Guide, One Way, complete as shown for 4" Pipe. Same as above except for 5" Pipe. """ Pipe Guide, One Way, complete as shown for 4" Pipe.	1.49
1196–14	Same as above except for 5" Pipe	1.4
692-3	" " " " 6" "	1.5
692-2	Pipe Guide, One Way, complete as shown for 4" Pipe	1.4
1196-12	Same as above except for 5'' Pipe	1.4
692-4	Pipe Guide, One Way, complete as shown for 4" Pipe. Same as above except for 5" Pipe. Pipe Guide, Two Way, complete as shown for 4" Pipe. Same as above except for 5" Pipe. """" """" """" Pipe Guide, Two Way, complete as shown for 4" Pipe. Same as above except for 5" Pipe. """" Pipe Guide, Three Way, complete as shown for 4" Pipe. Same as above except for 5" Pipe. """ Pipe Guide, Three Way, complete as shown for 4" Pipe. Same as above except for 5" Pipe. """ Pipe Guide, One Way, for Wood Post, complete as shown.	1.5
692-5	Pipe Guide, Two Way, complete as shown for 4" Pipe	1.7
1196–13	Same as above except for 5" Pipe	1.7
692–9	" " " " 6"	1.8
692-10	Pine Guide, Two Way, complete as shown for 4" Pine	1.7
1196-15	Same as above except for 5" Pipe	1.7
692–18	" " " " " " " " " " " " " " " " " " "	1.8
692-19	Pine Guide Three Way complete as shown for A" Pine	2.0
1196–16	Same as above except for 5" Pine	2.0
692-20	" " " " " " " " " " " " " " " " " " "	2.0
692-21	Pipe Guide, One Way, for Wood Post, complete as shown	1.4
692-21	Same as above except with Cap on Outer Guide	
692-22	Pine Cuide True Ways for Wood Doot samplete as above	1.4
	Pipe Guide, Two Way, for Wood Post, complete as shown " " " " " " " " " " " " " " " " "	1.7
692–23 692–25		1.9
	Same as above except with Two Way Pipe Guide Cap	1.9
620-2	Clamp for Crank Stands or Balance Lever Stands complete as	
	shown with Back Half, Bolts and Bolts for fastening Stand	0.2
(20. 2	for 5" Pipe	2.3
620–3	Same as above except for 0° Pipe	2.3
1059-4	" " " " 1034 Ground Signal Base	2.9
1178-5	1030 Bridge and Bracket Base	2.9
620–7	Clamp for Crank Stands, Balance Lever Stands complete as	
	shown with U Bolt and Bolts for fastening Stand for	
	5" Pipe	2.3
620-8	Same as above except for 6" Pipe	2.3
1059-5	" " " " " " " " " " " " " " " " " " "	2.9
1178-6	1030 Bridge or Bracket Base	2.9
1021-1	R. S. A. Screw Jaw complete with Pin and Cotter Forged Jaw	2.2
1021–3	Same as above except with Malleable Jaw	1.8
1033-1	R. S. A. Jaw Pin 78" x 21/4" with Cotter	.1
1195-1	Straight Eye Rod, Tang End	1.5
1195-2	the Offset	2.3
1015–6	R. S. A. Jaw Pin 1/8" x 21/4" with Cotter " " Straight Eye Rod, Tang End " " Offset " " " 1" Galvanized Pipe with Plug Sleeve and Rivets R. S. A.	
1015 -	(specify length), per ft	
1015–7	I" Black Pipe with Plug Sleeve and Rivets (specify length),	
	per ft	
1015-1	Pipe Plug for 1" Pipe	. 2
1015-2	1" x 2½" Coupling, Black	. 2
1015-3	1" x 2½" Galvanized	.3
1015-4	per ft Pipe Plug for 1" Pipe 1" x 2 ½" Coupling, Black 1" x 2 ½" Galvanized ½" x 1 1 1 8" Rivets, Galvanized, per C. ½" x 1 1 8" Black, per C.	. 1
1015-5	¼" x 1+±" " Black, per C	.5

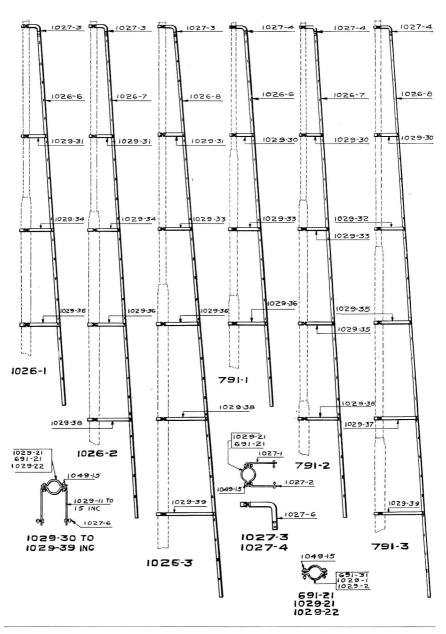


OPERATING RODS, PIPE GUIDES AND CLAMPS FOR GROUND, BRIDGE OR BRACKET SIGNALS

Trade No.	DESCRIPTION	List Price
692–11	One and Two Way Pipe Guide Clamp for 4" Pipe	\$0.54
1196-8	Same as above for 5" Pipe	. 54
692-12	" " " " 6" "	. 58
692-13	Two and Three Way Pipe Guide Clamps for 4" Pipe	. 54
1196-5	Same as above for \tilde{S}'' Pipe	.54
692-14		. 58
692-15	One and Two Way Pipe Guide Clamp for Wood Post	. 54
692-16	Same as above except Two and Three Way	. 54
691-1	Pipe Clamp for 4" Pipe	. 41
1029-1	Pipe Clamp for 4" Pipe	.44
1029-2	611	. 47
1196-9	One Way Pipe Guide Cap	. 35
1196-6	Two " " " " Three " " " "	. 62
1196-2	Three " " "	. 89
1196–10	2" x 1½" Square Head Machine Bolts and Nuts	. 05
1196–11	3/8" x 1" " " " " "	. 03
620–12	Front Clamp for 5" Pipe. Back " 5" " " 6" "	1.08
620–13	" " 6" "	1.08
620–17	Back " " 5" "	. 54
620–18		. 54
620-27	34" x 5½" Hexagon Head Machine Bolts and Nuts 34" x 6" " " " " " " " "	. 18
620–28	3/4" x 6" " " " " " " "	. 18
620–22	Ü Bolts for 5" Pipe	.81
620–23	U " " 6" " 34" x 2½" Square Head Machine Bolts and Nuts	.81
620–31	34" x 2½" Square Head Machine Bolts and Nuts	.13
1059-2	Front Half of Clamp for Ground Signal Base	1.62
1059-1		.72
1059-3	U Bolt for Clamp for Ground Signal Base	1.08
1178-2	Front Half of Clamp for Bridge and Bracket Base Back """""""""""""""	1.62
1178-1	Dack	.72
1178-3	U Bolt for Clamp of Bridge and Bracket Base	1.08
1178–4 1085–13	3/4" x 61/2" Hexagon Head Machine Bolt and Nut	.18
1000-10	½" x 2½" Lag Screws	.06



LADDERS FOR 90 DEG. UPPER QUADRANT GROUND SIGNALS



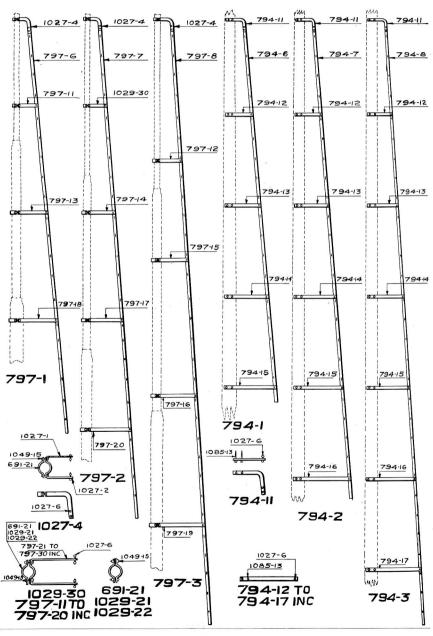


LADDERS FOR 90 DEG. UPPER QUADRANT GROUND SIGNALS

Trade No.	DESCRIPTION	List Price
1026-1	R. S. A. Ladder for Ground Signals, complete with Top Pieces, Stays, Clamps and Bolts, 24 feet long	\$20.70
1026–2	Pieces, Stays, Clamps and Bolts, 30' 10" long	27.00
1026–3	R. S. A. Ladder for Ground Signals, complete with Top Pieces, Stays, Clamps and Bolts, 36' 10" long	33.30
791–1	Ladder for Ground Signals, complete with Top Pieces, Stays,	20.70
791–2	Clamps and Bolts, 24 feet longLadder for Ground Signals, complete with Top Pieces, Stays,	27.00
791–3	Clamps and Bolts, 30′ 10″ long Ladder for Ground Signals, complete with Top Pieces, Stays, Clamps and Bolts, 36′ 10″ long	33.30
1026-6	Ladder Only for 1026–1 and 791–1	11.70
1026-7	" " 1026–2 " 791–2	15.30
1026-8	" " 1026-3 " 791-3	18.00
1027-3	I op Pieces, complete with Clamps, I wo ½" x 2" and Four	10.00
100	5" Pine	2.70
1027 - 4	5" Pipe. Same as above except for 4" Pipe. Top Piece Only, R. H.	2.70
1027 - 1	Top Piece Only, R. H	.81
1027-2	" " L. H	.81
691–21	"" L. H. Clamp (Two Pieces) with Two ½" x 2" Square Head Machine Bolts and Hexagon Nuts for 4" Pipe.	.77
1029-21	Same as above except for 5" Pine	.90
1029-22	" " " " " " " " "	1.04
1029–30	Same as above except for 5" Pipe	22.22
1029-31	17" Centers for 4" Pipe	1.80
1029–31	Same as above except for 5" PipeLadder Stays, complete with Clamps, Two ½" x 2" and Two	1.80
	½" x 1" Square Head Machine Bolts with Hexagon Nuts, 23" Centers for 4" Pipe	2.25
1029-33	Same as above except for 5" Pipe	2.25
1029-34	" " " " 6′′ "	2.25
1029–35	Ladder Stays, complete with Clamps, Two ½" x 2" and Two ½" x 1" Square Head Machine Bolts with Hexagon Nuts, 23" Centers for 4" Pipe. Same as above except for 5" Pipe. """ Ladder Stays, complete with Clamps, Two ½" x 2" and Two ½" x 1" Square Head Machine Bolts with Hexagon Nuts, 20" Centers for 5" Pipe.	
4000 04		2.70
1029-36	Same as above except for 6" Pipe	2.70
1029–37	Same as above except for 6" Pipe. Ladder Stays, complete with Clamps, Two ½" x 2" and Two ½" x 1" Square Head Machine Bolts and Hexagon Nuts,	227
1000 ==	35" Centers for 5" Pipe	3.15
1029–38	Same as above except for 6" PipeLadder Stays, complete with Clamps, Two ½" x 2" and Two	3.15
1029-39	Ladder Stays, complete with Clamps, Two ½" x 2" and Two	
	1/2" x 1" Square Head Machine Bolts and Hexagon Nuts,	
4000 41	403/4" Centers for 6" Pipe	3.60
1029-11	Ladder Stay (One Piece Only), 17" Centers	. 45
1029-12		.68
1029-13		.90
1029-14	35" "	1.13
1029-15	403/4" "	1.35
1027-6	½" x 1" Square Head Machine Bolts and Nuts	.05
1049-15	1/2" x 1" Square Head Machine Bolts and Hexagon Nuts, 403/4" Centers for 6" Pipe	. 05
1049-14	72 A 1/2 Oquare ricad machine Bott with rickagon rate for	
	Ladder to Ladder Foundation	. 05



LADDERS FOR 60 DEG. LOWER QUADRANT GROUND SIGNALS



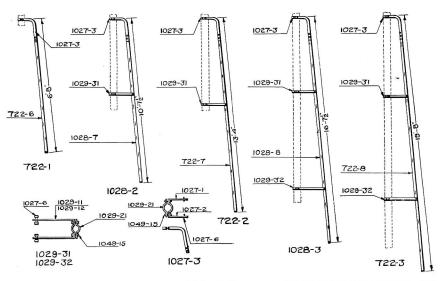


LADDERS FOR 60 DEG. LOWER QUADRANT GROUND SIGNALS

Trade No.	DESCRIPTION	List Price
797-1	Ladder complete as shown, with Top Pieces, Clamps, Stays and Bolts,	
797-2	Ladder complete as shown with Top Pieces Clause Complete	\$20.70
797-3	Ladder complete as shown, with Top Pieces, Clamps, Stays and Bolts,	27.00
794-1	30' 8" long. Ladder complete as shown, with Top Pieces, Clamps, Stays and Bolts, 37' 8" long. Ladder for Wood Post, complete with Top Pieces, Clamps and Bolts, 27 feet	33.30
794-2	Ladder for Wood Post, complete with Top Pieces, Clamps, Stays and Bolts	14.81
794-3	33 feet long Ladder for Wood Post, complete with Top Pieces, Clamps, Stays and Bolts, 37 feet long	18.09
797-6	Ladder Only for 797–1.	20.88 11.70
797-7	" " 707–2	15.30
797-8	" " 797–3	18.00
794-6	" " 704–1	11.30
794 - 7	" " 704-2	13.37
794-8	" " 794–3	15.12
1027-4	" "794-3. Top Pieces, complete with Clamps, Two ½" x 2" and Four ½" x 1" Square Head Machine Bolts with Hexagon Nuts for 4" Pipe. Top Piece Only R. H.	2.70
1027 - 1	Top Piece Only, R. H.	.81
1027-2 794-11	" " L. H. Top Piece for Ladder with Two 1/4" x 21/4" Lag Screws and Four 1/1 x 1/4	.81
691-21	Square Head Machine Bolts with Heagon Nuts.	.81
	Top Piece Only, R. H. "" L. H. Top Piece for Ladder with Two ½" x 2½" Lag Screws and Four ½" x 1" Square Head Machine Bolts with Hexagon Nuts Clamp (Two Pieces), with Two ½" x 2" Square Head Machine Bolts with Hexagon Nuts for 4" Pipe Same as above except for 5" Pipe. "" ""	.76
1029-21	Same as above except for 5" Pipe.	.90
1029-22 797-11	Same as above except for 5" Pipe. " " " " " " " " " " " " " " " " " " "	1.04
1029-30	Square Head Machine Bolts with Hexagon Nuts, 13¾" for 4" Pipe	1.80
	Same as above except 17" Centers	1.80
797-12	I all the State of	1.80
797–13	Ladder Stays, complete with Clamps, Two ½" x 2" and Two ½" x 1" Square Head Machine Bolts with Hexagon Nuts, 1734" Centers for 5" Pipe	
797-14	Square Flead Macrine Bolts with Flexagon Nuts, 1734" Centers for 5" Pipe	2.25
	Same as above except 233/4" Centers	2.25
797-15	24	2.25
797-16	" " " " 30" "	2.25
797-17	1 11 C	2.25
797-18	""" 30"" Ladder Stays, complete with Clamp, Two ½" x 2" and Two ½" x 1" Square Head Machine Bolts with Hexagon Nuts for 6" Pipe, 21½" Centers. Same as above except 36" Centers. "" Ladder Stay (One Piece Only) 132" Centers.	
797-19	Read Machine Botts with riexagon Nuts for 6" Pipe, 21/8" Centers	2.70
797-19	and as above except 50 Centers.	2.70
797-20	Ladder Stay (One Bioge Only) 123/// Contage	2.70
1029-11	Ladder Stay (One Piece Only), 1334" Centers.	.42
797-22		.45
797-23		. 50
797-23		. 49
797-25	" " " " 23 ³ / ₂ 4" "	.71
797-26		.72
797-27	n n n n n n n n n n n n n n n n n n n	.85 1.00
797-28		1.00
797-29		.62
797-29		1.17
794-12		1.26
794-12	Ladder Stay for Wood Post, 21" long	.24
794-13		.30
		. 35
794-15	397	.41
794-16	" " " " 45" "	.46
794-17	51" " " " " " " " " " " " " " " " " " "	.51
1027-6	72" X I" Square Head Machine Bolt and Nut	.05
1027-15	72" X Z" " " " " " " " " " " " " " " " " "	.05
1027-13 1027-14	" " " " " " " " " " " " " " " " " " "	. 06
	'5" x 1 '5" Square Head Machine Bolts with Nut	. 05



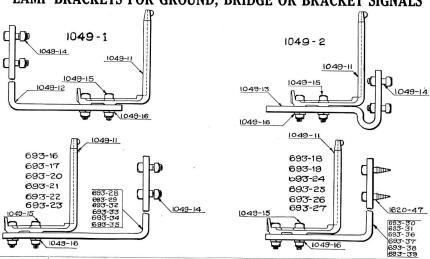
LADDERS FOR BRIDGE AND BRACKET SIGNALS



Trade No.	DESCRIPTION	List Price
722-1	Ladder, complete as shown, with Top Pieces, Clamps, Bolts	\$9.00
722-2	and Nuts for fastening Ladder, complete as shown, with Top Pieces, Clamps, Stays and Bolts for factaning	13.95
722-3	and Bolts for fasteningLadder, complete as shown, with Top Pieces, Clamps, Stays	18.90
1028-2	and Bolts for fastening	9.00
1028-3	R. S. A. Ladder, complete as shown, with Top Pieces, Clamps, Stays and Bolts for fastening	13.95
722-6	Ladder Only	6.30 9.45
722–7 722–8	« «	12.15
1028-7 1028-8	<i>"</i>	5.40 8.10
1027-3	Top Pieces with Clamps, Two ½" x 2" Square Head Machine Bolts and Hexagon Nuts and Four ½" x 1" Square Head	×
1027-1	Machine Bolts and Hexagon Nuts	2.70
1027-2	Top Piece, R. H. Only.	.81
1029–21	Clamp Two Pieces with Two ½" x 2" Square Head Machine Bolts and Hexagon Nuts	.90
1029–31	Ladder Stays, 17" Centers, complete with Clamps and Two 1/2" x 2" and Two 1/2" x 1" Square Head Bolts with	4 00
1029-32	Hexagon Nuts	1.80 2.25
1029-11 1029-12	Top Ladder Stay, 17" Centers, One Piece Only	.45
1029-12 1027-6 1049-15	53 and as above except 25 Centers. 52" x 1" Square Head Machine Bolt and Nut. 52" x 2" " " " " " " " " " " " " " " " "	.05



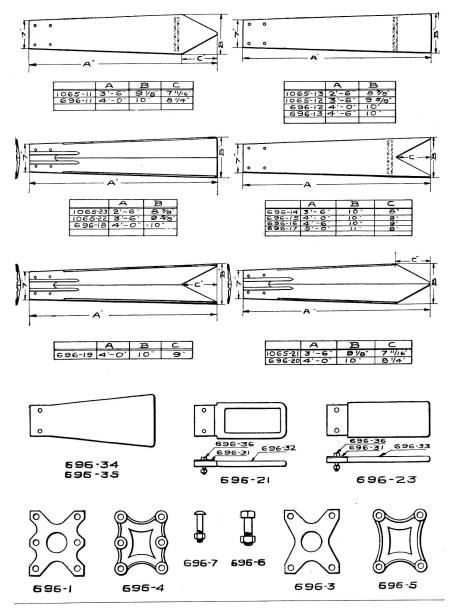
LAMP BRACKETS FOR GROUND, BRIDGE OR BRACKET SIGNALS



		693-39
Trade No.	DESCRIPTION	List Price
1049-1 $1049-2$	R. S. A. Lamp Bracket, complete as shown	\$3.60 4.50
693–16	Adjustable Lamp Bracket, complete as shown, for use with Three Light, 14" Center, Spectacles and 735 to 738 and 743 to 746 Semaphore Bearings inclusive	2 (0
693-17	Same as above for Three Light, 17" Center, Spectacles	3.60
693-20	"" "Two "60 deg. 14" Center, Spectacles	3.60
693-21	" " " Two " 60 deg. 14" Center, Spectacles " " " " " " " " " " " " " " " " " " "	3.60
693-22	" " " " " 60 " 17" " " "	3.60
693-23	" " " " " " " " " " " " " " " " " " "	3.60
693–18	Lamp Bracket, complete with Lag Screws for Wood Post for	3.60
070 10	Three Light, 14" Center, Spectacles	2 (0
693-19	Same as above for Three Light, 17" Center, Spectacles	3.60
693-24	" " Two " 60 deg. 14" Center, Spectacles	3.60
693-25	" " " " " " T5 " 14" " " " " " " " " " " " " " " " " "	3.60
693-26	" " " " " 60 " 17" " " "	3.60
693-27	" " " " " 75 " 17" " " "	3.60 3.60
1049-11	R. S. A. Lamp Bracket	1.80
1049-12	" " " Support for 1049–1	2.03
1049-13	" " " " " " 1049-2	$\frac{2.03}{2.70}$
1049-14	1/2" x 11/2" Square Head Bolt with Hexagon Nut.	.05
1049-15	1/2" x 2" " and Nut	.05
1049-16	Standard ½" Lock Washers	.03
1620-47	½" x 3" Lag Screws	.06
693-28	Lamp Bracket Support for 693–16.	2.03
693-29		2.03
693-30		2.03
693-31	" " 693–19	2.03
693-32		2.03
693–33	" " 693–21	2.03
693-34		2.03
693–35		2.03
693–36		2.03
693-37		2.03
693–38		2.03
693–39	" " 693–27	2.03
693-40	" " 693–28	2.03
	1	

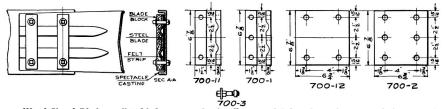


SEMAPHORE BLADES FOR GROUND, BRIDGE, BRACKET AND DWARF SIGNALS





SEMAPHORE BLADES AND FASTENINGS FOR GROUND, BRIDGE, BRACKET AND DWARF SIGNALS

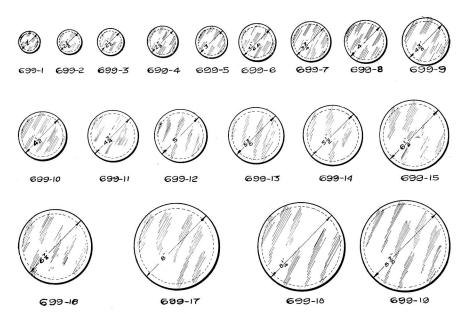


Wood Signal Blades as listed below are made of well-seasoned Ash and are given one priming coat of White Lead before shipment. All Blades (except those for dwarf signals) up to and including 4 feet in length are drilled for Four Bolts; Blades longer than 4 feet are drilled for Six Bolts. Orders for Steel Semaphore Blades must specify Bolt Drilling and color of enamel and striping desired. Prices for painted Blades will be furnished on application. Orders for Steel Semaphore Blade Clamps must specify drilling and notching of Blade Block.

Trade No.	DESCRIPTION				
1065-11	R.S.A.Wood Semaphore Blade for Automatic Signal, 3'6" long	\$2.16			
696–11	Wood Semaphore Blade, 4 feet long				
1065 - 13	R.S. A.Wood Semaphore Blade for Calling On Arm, 2' 6" long "" "Home Signal, 3' 6" long	2.16			
1065 - 12	" " Home Signal, 3' 6" long	2.16			
696 - 12	Wood Semaphore Blade for Home Signal, 4 feet long	2.16			
696-13	4 0	2.16			
696-14	" " Distant " 3' 6" "	2.16			
696-15	" " " " 4′ "	2.16			
696-16	" " " " 4' 6'' "	2.16			
696-17	" " " " " " 5′ "	2.16			
1065-23	Steel " " Calling On Arm, 2' 6" long				
1065-22	" "Home Signal, 3' 6" long				
696-18	" " " 4' long				
696-19	" " " Distant " 4' long				
1065-21	" " Automatic Block Home Signal,				
	3' 6" long				
696-20	Same as above except 4 feet long				
696-34	Sheet Steel Dwarf Signal Blade, 10" long	.81			
696-35	12"	.81			
696–21	Rubber Dwarf Signal Blade, complete with Bolts and Blade				
696-23	Plate	.81			
696–1	PlateBlade Plate for Six Bolts, Sheet Steel	.60			
696-3	" " Four " " "	.18			
696-4	rour	.18			
696-5	" " " " " " "	.45			
696-6		. 45			
090-0	1/2" x 13/4" Square Head Machine Bolts with Hexagon Nuts for	0-			
696-7	fastening Blade Plate and Blade to Semaphore Spectacle.	.05			
090-7	38" x 1½" Mushroom Head Bolts for fastening Blade to				
696-36	Semaphore Spectacle	.11			
090-30	1/4" x 1/4" Square Head Machine Bolts and Nuts for fasten-	0.4			
696-32	ing Dwarf Signal Blade and Blade Plate to Spectacle	.04			
696-33	Rubber Blade Only for Dwarf Signal	.70			
696-33	wood	.50			
700-1	Diade Flate Diades	.12			
700-1	Oak Blade Block drilled for Three Bolts				
700-11	1 WO				
700-2	Felt Strip with Six Holes				
700-12	" "Four "				
100-3	Blade Bolt with Square Nut				



GLASS SEMAPHORE ROUNDELS

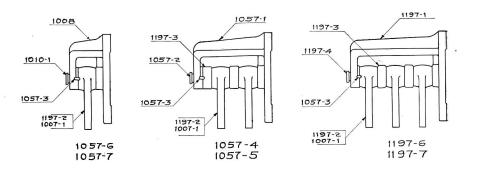


We are prepared to furnish Roundels of Red, Green, Yellow, Clear and Purple Glass. All our glass is subject to close photometric and spectroscopic tests. The sizes listed are those most commonly used, but any other size or shape can be furnished upon short notice.

Trade No.				List Pri	ce		
	Diameter	Red	Green	Yellow	Blue	Purple	Clear
699-1 699-2 699-3 699-4 699-5 699-6 699-7 699-8 699-10 699-11 699-12 699-13 699-14 699-15 699-17 699-17	A 2" 23/8" 21/2" 27/6" 31/2" 33/4" 4" 43/8" 43/8" 43/4" 5" 65/8" 67/8" 81/4" 83/8"	\$0.45 .45 .45 .45 .54 .54 .58 .63 .67 .67 .67 .112 1.35 1.69 1.69	\$0.22 .22 .22 .22 .27 .27 .31 .34 .36 .45 .45 .45 .45 .45 .112	\$0.22 .22 .22 .22 .27 .27 .31 .34 .36 .45 .45 .45 .45 .45 .12	\$0.22 .22 .22 .22 .27 .27 .31 .34 .36 .45 .45 .45 .45 .45 .112	\$0.22 .22 .22 .22 .27 .27 .31 .34 .36 .45 .45 .45 .45 .45 .112	\$0.13 .13 .13 .13 .13 .18 .18 .22 .25 .30 .30 .31 .45 .49 .57



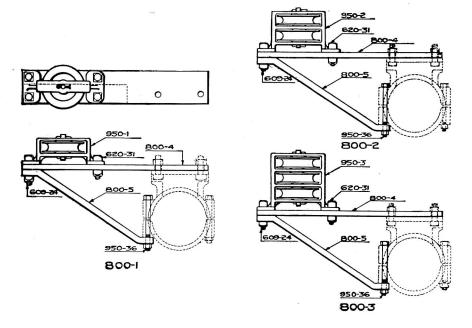
R. S. A. VERTICAL CRANKS FOR BASE OF GROUND AND BRACKET SIGNALS



Trade No.	DESCRIPTION				
1057-6	One Way Vertical Cranks, 7" x 7" as shown	\$3.37			
1057-4	Two " " " " " " " " "	4.94			
1197-6	Three " " 7" x 7" " "	6.51			
1057-7	One " " 9" x 9" " "	3.60			
1057-7	" " " 0//-0// " "	5.40			
200.	1 10	7.20			
1197-7	Timee	1.89			
1008	One Way Stand Only	2.43			
1057 - 1	1 wo				
1197 - 1	Three " " "	2.70			
1010-1	One Way Pin with Cotter	.32			
1057 - 2	Two " " " "	.50			
1197-4	Three " " "	.60			
1197-2	7" x 7" Crank	1.30			
1007-1	9" x 9" "	1.53			
1057-1	1/4" x 3" Cotter Pins	.01			
		.14			
1197 - 3	Collar	1 .14			



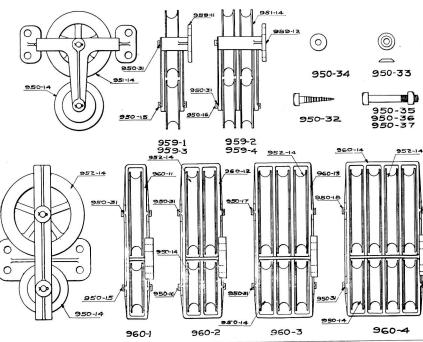
SIGNAL WHEEL FOR BASE OF BRIDGE AND BRACKET SIGNALS



Trade No.	DESCRIPTION	List Price
800-1 800-2 800-3 800-4 800-5 609-24 620-31 950-1 950-2 950-3	One Way Signal Wheel, complete as shown. Two """"""" Three """"""""" Support for Signal Wheel. Brace for Support. 34" x 3" Square Head Bolt and Nut. 34" x 2½""""""""""""""""""""""""""""""""""	\$3.93 4.44 4.88 .99 1.26 .13 .13 .99 1.50 1.94
950–36	3/4" x 7" Square Head Bolt and Nut, per C	15.40



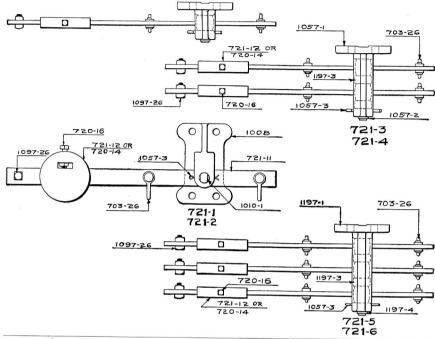
SIGNAL WHEELS



Trade No.	DESCRIPTION	List Price
959-1	One Way 8" and 6" Signal Wheels	\$2.05
959-2	Two " 8" " 6" "	3.62
959-3	One " 10" " 6" " "	2.46
959-4	Two " 10" " 6" " "	3.51
960-1	" " 10" " 6" " "	2.82
960-2	Four " 10" " 6" " "	3.83
960-3	Six " 10" " 6" " "	5.41
960-3	Eight " 10" " 6" " "	7.04
959-11	One Way Stand, 8" and 6" Wheels	1.35
959-11	Two " 8" " 6" "	2.27
959-12	One " 10" " 6" "	1.57
959-13	Two " " 10" " 6" "	2.70
960-11	" " "	1.91
960-11	Four " "	2.11
	Six " "	2.64
960-13		3.08
960-14	Eight	.21
950-14	Six Inch Wheels	.32
951-14	Eight " "	.53
952-14	l len	.05
950–15	Pin for 959–1, 959–3 and 960–1	.06
950-16	939-2, 939-4	.07
950-17	900-3	.08
950-18	" " 960–4	.96
950-31	Cotter Pin Only, 1/8" x 11/4", for Pins, per C. Three Way 8" and 6" Signal Wheel.	5.36
959-5	Three Way 8" and 6" Signal Wheel	2.43
959 - 15	" "Stand, 8" and 6" Wheels	2.43



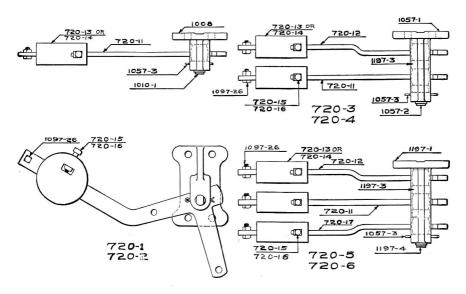
BALANCE LEVERS FOR WIRE OPERATED SIGNALS



No. Price Price		121-0	
Same as above with 10 lb. Counterweight Same as above with 10 lb. Co		DESCRIPTION	List Price
1	721-1	One Way Balance Lever Stand, complete as shown, with 14	Ø6.00
1	721-2	Same as above with 10 lb. Countamounts	
Table 1		1 wo Way Balance Lever Stand, complete as shown with 14	5.92
Table 1	701 4	Ib. Counterweight	11.35
12.1-0 Same as above with 10 lb. Counterweight 14.7 721-12 Counterweight 14 lb. 1.3 720-14 703-26 Standard Shackle, complete with Pin and Cotter 2.2 720-16 5/8" x 3½" Square Head Bolt and Nut for Clamping Counterweight 1.4" x 1" Square Head Bolt and Nut for Clamping Counterweight 1.5 1008 One Way Crank Stand Only 1.8 1057-1 Two " " " 2.4 1197-1 Three " " " " 2.4 1197-2 Three " " " " 3.5 1197-4 Three " " " " 5.5 1197-3 ½" x 3" Cotter Pin 0.6 14.7 2.1 2.1 12.7 2.1 12.7 2.1 12.7 2.1 12.7 2.1 12.7 2.1 2.1		Same as above with 10 lb. Counterweight	10.63
14.7 14.7	701 6	Ib. Counterweight	15.79
Dalance Lever Only 2.1 721-12 Counterweight 14 lb. 1.3 720-14 " 10 lb. 9 9 720-16 5\%" x 3\%" Square Head Bolt and Nut for Clamping Counterweight		Same as above with 10 lb. Counterweight	14.71
1.3 1.3 2.5		Dalance Lever Univ	2.16
Standard Shackle, complete with Pin and Cotter		Counterweight 14 lb	1.35
1097-26		" 10 lb	.99
1097-26		38" x 3½" Square Head Bolt and Nut for Clamping Counter-	. 22
1008 One Way Crank Stand Only 1.8 1057-1 Two " " " " 1197-1 Three " " " " 1010-1 One Way Pin with Cotter 3 1057-2 Two " " " " 1197-4 Three " " " " 1057-3 ½" x 3" Cotter Pin	1097-26	weight 4" x 1" Square Head Bolt and Nut for Clamping Counter-	. 09
1010-1 One Way Pin with Cotter. 3 1057-2 Two " " " " 5 1197-4 Three " " " " 6 1057-3 ¼" x 3" Cotter Pin. 0	1000	weight	. 03
1010-1 One Way Pin with Cotter. 3 1057-2 Two " " " " 5 1197-4 Three " " " " 6 1057-3 ¼" x 3" Cotter Pin. 0		One way Crank Stand Only	1.89
1010-1 One Way Pin with Cotter. 3 1057-2 Two " " " " 5 1197-4 Three " " " " 6 1057-3 ¼" x 3" Cotter Pin. 0		TI " " " "	2.43
1057-2 Two " " "		111100	2.70
1057-3 \ \frac{1}{4''} \times 3'' \text{ Cotter Pin} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		One Way Pin with Cotter	. 32
1057-3 \ \frac{1}{4''} \times 3'' \text{ Cotter Pin} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		Two " " " " " " " " " " " " " " " " " " "	. 50
74 110 Gotter I III		Tillec	. 60
1197-3 Collar		¹ / ₄ " x 3" Cotter Pm	. 01
	1197-3	Collar	. 14



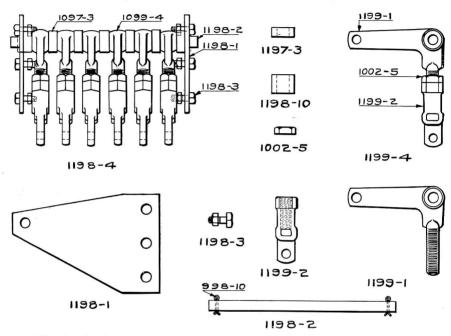
BALANCE LEVER STANDS FOR PIPE OPERATED SIGNALS



Trade No.	DESCRIPTION	List Price
720-1	One Way Balance Lever, complete as shown, with 40 lb.	
	CounterweightSame as above excepting with 10 lb. Counterweight	\$9.62
720-2	Same as above excepting with 10 lb. Counterweight	6.65
720-3	Two Way Balance Lever, complete as shown, with 40 lb.	
200 00 00 000	CounterweightSame as above excepting with 10 lb. weight	18.26
720-4	Same as above excepting with 10 lb. weight	12.32
720-5	Three Way Balance Lever, complete as shown, with 40 lb.	
to the same of the	CounterweightSame as above excepting with 10 lb. Counterweight	26.27
720-6	Same as above excepting with 10 lb. Counterweight	17.36
720-12	Offset Balance Lever Only, R. H	3.56
720-17	" " L.H	3.56
720-13	40 lb. Counterweight Only	3.96
720-14	10 lb.	.99
720–15	58" x 4" Square Head Bolt and Nut for clamping 40 lb.	.09
1008	Counterweight	1.89
1057-1	Two " " " "	2.43
1197-1	One Way Crank Stand Only. Two """" Three """"	2.43
1010-1	One Way Pin with Cotter. Two " " " Three " " "	.32
1057-2	Two " " " "	.50
1197-4	Three " " "	.60
1057-3	1/4" x 3" Cotter Pin	.01
1197-3	Collar	.14
1097-26	4" x 1" Square Head Bolts and Nut. 8" x 3½" " " " " for clamping 10 lb. Counterweight	.03
720-16	5/8" x 3½" " " " for clamping 10 lb.	
	Counterweight	.09
720-11	Straight Balance Lever Only	3.33



R. S. A. ADJUSTABLE ARM CRANKS AND SUPPORTS FOR R. S. A. BRACKET POST

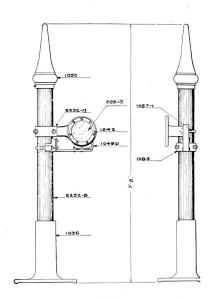


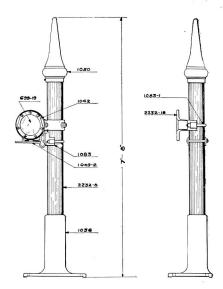
The Cranks shown above are used for Base of Bracket Post. The assembled unit is intended to be mounted on base of **R. S. A.** Channel Column Bracket Post, and can be used from one way to six way by the use of Filler Blocks. The adjustable crank can also be used in connection with the regular **R. S. A.** Horizontal Crank Stands.

Trade No.	DESCRIPTION	List Price
1198-4 1198-5 1198-6 1198-7 1198-8 1198-9 1198-1 1198-2 997-12 1198-3 1197-3 1198-10 1199-4 1199-1	Six Way Adjustable Arm Crank Support, complete as shown Same as above except Five Way. """Four" """Three" """Three" """One" End Bearing Support Bearing Shaft with Cotter Pins 1/4" x 2" Cotter Pin for above, per C 3/4" x 2" Square Head Machine Bolt with Hexagon Nut. Filler, 1" long "" Adjustable Crank, complete as shown Threaded Arm Only Screw Eye Only	\$0.88
1002-5	1¼" Hexagon Nut, ¾" thick	.18



DUMMY MASTS





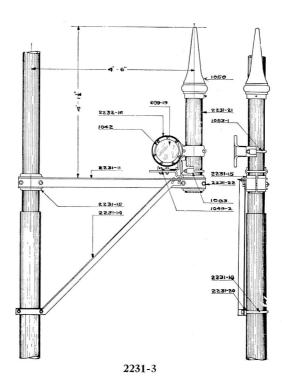
2232

2232-1

Trade No.	DESCRIPTION	List Price
2232	Dummy Mast, complete as shown, for Vertical Light, Lamp	\$37.80
2232-1	Dummy Mast, complete as shown, for Staggered Light, Lamp not included	37.80
2232-8	Mast	
1036	Base	16.20
1050	Pinnacle with Set Screw	2.70
2232–16	Spectacle, complete with U Bolt and Roundel Ring, for Staggered Light	3.60
2232–17	Spectacle, complete with U Bolt and Roundel Ring, for Vertical Light	3.60
1042	Roundel Ring, complete with Bolts for fastening	.60
699-19	Glass Roundels, 83/8" dia. Specify Color	
1083	Clamp, complete for Lamp	2.03
1049-2	Clamp, complete for Lamp Lamp Bracket, Support and Bolts for fastening, for Staggered Light	4.50
1049-21	Lamp Bracket, Support and Bolts for fastening, for Vertical Light	3.60



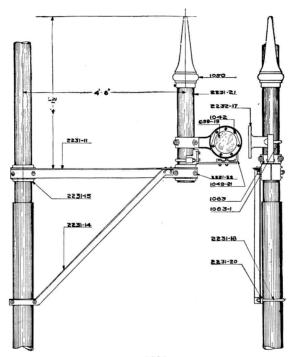
CANTILEVER BRACKET FOR STAGGERED LIGHT



Trade List DESCRIPTION No. Price Cantilever Bracket for Staggered Light, complete as shown, 2231 - 3\$45.00 2231 - 445.00 2231 - 545.00 Mast. 2231 - 212.70 Pinnacle with Set Screw... Pinnacle with Set Screw.
Spectacle complete with U Bolt, Roundel Ring and Bolts.
Glass Roundels, 836" dia. Specify Color..... 1050 2232 - 163.60 699-19 U Bolt for fastening Spectacle or Lamp Bracket..... 1083 - 1.81 Lamp Bracket and Support for, complete with Bolts for fast-1049 - 2ening to Clamp. Clamp for Lamp Bracket with U Bolt 4.50 1083 2.03 Filler Block for 5" Pipe. 2231 - 152231-20 U Bolt for 5" Pipe. 2231 - 19.81 2231-18 .81 3/4" x 8" Hexagon Machine Bolt and Nut 2231 - 22



CANTILEVER BRACKET FOR VERTICAL LIGHT

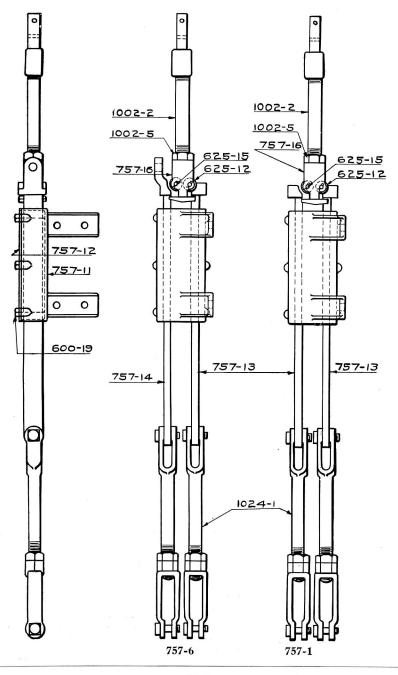


2231

Trade No.	DESCRIPTION	List Price
2231	Cantilever Bracket for Vertical Light, complete as shown, for 5" and 6" Pipe, Lamp not included	\$44.10
2231-1	Same as above except for 5" Pipe	44.10
2231-2	" " " " " "	44.10
2231-21	Mast	
1050	Pinnacle with Set Screw	2.70
2232-17	Spectacle, complete with U Bolt, Roundel Ring and Bolts	3.60
699-19	Glass Roundels, 83/8" dia. Specify Color	
1083-1	U Bolt for fastening Spectacle or Lamp Bracket	.81
1049-21	Lamp Bracket and Support, complete with Bolts for fasten-	
	ing to Clamp	3.60
1083	Clamp for Lamp Bracket, with U Bolt	2.03
2231-15	Filler Block for 5" Pipe	
2231-20	" " 6′′ "	
2231-19	U Bolt for 5" Pipe	.81
2231-18	" " " 6" " ·····························	.81
2231-22	3/4" x 8" Hexagon Machine Bolt and Nuts	



MECHANICAL SLOT

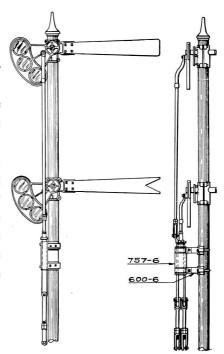


R-42



MECHANICAL SLOT

This Slot is used where a Signal is to be controlled from two different points. One Rod pushed up does not affect the Signal, as the Roller Jaw swings to one side and allows the rod to travel up by. When the other rod is pushed up, however, Roller Jaw moves up with it, throwing Signal to proceed. Application shows our 757–6 Slot with a Home and Distant Signal on one Pole controlled from two points. It is evident that the Distant Signal cannot be cleared until the Home Signal is in the clear position.

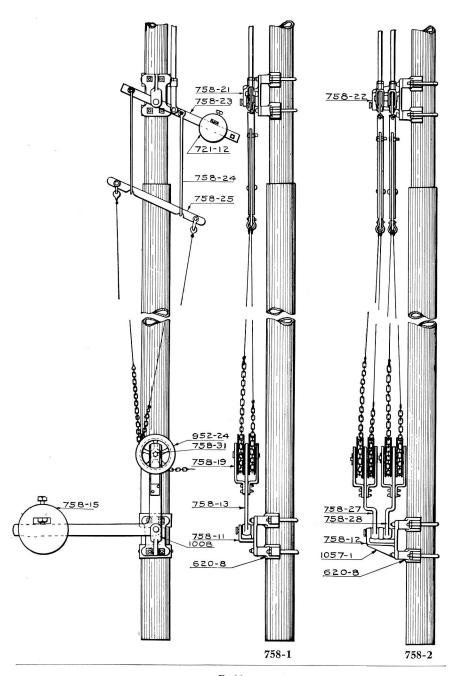


Application of Two Arm Slot

	2.2	
Trade No.	DESCRIPTION	List Price
757-1	Double Control Mechanical Slot for One Signal, complete as	
101 1	shown	\$17.80
757 - 2	Same as above with Two Clamps for fastening to 4" Pole	22.50
757 - 3	"""""""""""""""""""""""""""""""""""""""	22.50
757 - 4	" " " Lag Screws " " Wood Post	18.00
757-6	Double Control Mechanical Slot for Two Signals, complete	
	as shown	19.90
757 - 7	as shown	24.60
757–8	" " " " " " " " " " " " " " " " " " " "	24.60
757-9	" " Lag Screws " " Wood Post	20.10
757 - 11	Case for Slot Only	1.95
757-12	Cover for Slot Case.	.70
600–19	3/8" x 11/4" Hexagon Cap Screws for fastening Cover to Case	.04
757 - 13	Slide Bar	3.30
757 - 14	" with Lug	5.35
757 - 15	Roller Jaw complete with Rollers, Pins, Lang End, Threaded	2 00
(05.40	Rod and Nut	3.80
625-12	Roller OnlyPin for Roller with Cotters and Washers	.18
625-15		1.09
757-16	Roller Jaw	1.00
1002-2	Threaded Rod, Tang End with Coupling and Nut	$\frac{1.26}{3.02}$
1024-1	Clause for Clata associate with II Bolt and Bolts for fortering	3.02
620-6	Clamp for Slot, complete with U Bolt and Bolts for fastening	2.34
620-7	Slot to 4" Pipe	2.34
020 1	came as above except for a 1 per	2.01



WIRE COMPENSATOR



R-44



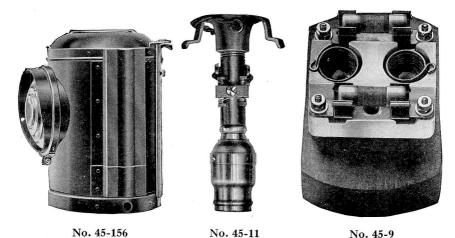
WIRE COMPENSATOR

Split Links, Chain, Wire and Wire Eyes are not included in list prices.

Trade No.	DESCRIPTION	List Price
758-1	One Way Wire Compensator, complete as shown, for 5" Upper	
	and 6" Lower Iron Pipe Post	\$50.30
758-2	Same as above except Two Way	89.80
758-3	Same as above except Two WayOne Way Wire Compensator complete for Wood Post	44.00
758-4	Same as above except Two Way	83.40
758–11	One Way Compensating Lever complete with 100 lb. Counter- weight with Bolt and Nut. 10" Chain Wheels, Supports and	
	Pins and Stand with Pin and Cotter	32.80
758-12	Same as above except Two Way	65.15
758-13	Compensating Lever with 100 lb. Counterweight with Bolt	
	and Nut, Two 10" Chain Wheels, Chain Wheel Supports,	
	Pin Cotter and Bolts	30.60
758-27	Left Hand Offset Compensating Lever with 100 lb. Counter- weight with Bolt and Nut, Two 10" Chain Wheels, Chain	
	Wheel Supports, Pin, Cotter and Bolts	31.05
758-28	Same as above except R. H. Offset	31.05
758-14	Compensating Lever Only	18.30
758-29	L. H. Offset Compensating Lever Only	18.75
758-30	Compensating Lever Only L. H. Offset Compensating Lever Only R. H. """"	18.75
758-15	100 Ib. Counterweight with Bolt and Nut	8.97
758-16		8.87
758-17	Bolt and Nut for Counterweight	.10
952-14	10" Chain Wheel	.54
758-18	Chain Wheel Support, R. H. " L. H. " L. H.	.99
758-19	" " " I. H.	.99
758-31	Bearing Pin for Chain Wheels with Cotter Pins	.10
150-5	1/2" x 2" Square Head Machine Bolt and Nut for fastening	
100 0	Chain Wheel Support for Compensating Lever	.08
758–21	One Way Balance Lever with 14 lb. Counterweight with Bolt and Nut, Two 24" Shackles and Stand with Pin and	
	Cotter	7.97
758-22	Same as above except Two WayBalance Lever with 14 lb. Counterweight with Bolt and Nut	14.45
758-23	Balance Lever with 14 lb. Counterweight with Bolt and Nut	
.0	and Two 24" Shackles	5.76
721 - 11	Balance Lever Only	2.16
721-12	14 lb. Counterweight Only	1.35
720-16	5/8" x 3½" Square Head Machine Bolt and Nut for Counter-	
	14 lb. Counterweight Only. 58" x 3½" Square Head Machine Bolt and Nut for Counterweight	. 09
758-24	24" Shackle with Pin and Cotter	1.08
758-25	Disengaging Lever with Shackles	2.02
758-26	Disengaging Lever Only	1.58
703-26	7/8" Shackle with Pin and Cotter	.22
1008	R. S. A. One Way Stand	1.89
1057-1	Two Way Crank Stand Only	2.43
1010-1	One Way Pin with Cotter. Two " " " "	.32
1057-2	Two " " " " …	.50
1197-3	Separator	.14
620-7	Clamp for 5" Pipe complete with U Bolt and Bolts for	2.34
620-8	Same as above except for 6" Pipe	2.34



LAMPS



Electric Semaphore Lamp

Electric Top Socket

Electric Bottom Socket

The Electric Semaphore Lamp is fitted with Two Light Electric Sockets at the top, 5" Lens, water shedding sliding door and malleable iron Pocket to receive Bracket.

Trade No.	DESCRIPTION	List Price
45–156 45–11	Electric Semaphore Lamp, complete as described Electric Top Socket to fit R. S. A. Standard Semaphore Lamp No. 1100 (will also fit most other Standard Semaphore	
45–9	Lamps) Electric Socket for No. 1100 R. S. A. (Interchanges with Long Time Founts)	

We handle the complete "Dressel" Line of Switch, Bridge, Pier and other Lamps and Lanterns and Accessories. Separate catalogue upon request.



LAMPS



No. 1100 R. S. A. Semaphore Lamp



No. 45-154 Two Lens Train Lamps

The R. S. A. Semaphore Lamp is fitted with Ventilator: Balanced Draught or "No-Sweat" Principle; Lens: 5" diameter or 5¾8" as specified; Hood: Separate, One Piece Drawn Steel, Slanting; Lens and Hood Holder: U-Shaped Adjustable Band; Fount and Burner: No. 152 Drawn Steel and Tinned, Long Burning Fount, 31 oz. capacity and No. 25 Long Time Burner or No. 0 "Dressel" Interchangeable One-Day, No-Chimney, Long Shaft Burner; Reflector: Prismatic Glass if specified; Socket: Steel, R. S. A. Standard.

Trade No.	DESCRIPTION	List Price
1100 45–154	R. S. A. Standard Semaphore Lamp	

We handle the complete "Dressel" Line of Switch, Bridge, Pier and other Lamps and Accessories. Separate catalogue upon request.