4-22-47 | 1 — Lead 163881-B9998-Sh.13 was 173735-B9998-Sh.10 Req.83619 R.M. H.R. 4-22-47

12-17-53 | 2 — Sealing Compound M-7389 was Black Vulcated, Black adhesive class 3 was Black Varn sh & semaphore lubricant was Graphite Grease Req 102330 C.W.J. B.K.D.

5-13-55 | 9 — Ref UJ50051 for 5/16 x 3/4 Cap Scs. added Req 107125 E.C.L. B.K.D. 5 21

5-6-48 | 2 — Note for other combinations added Req 86347 K.E.K.

8-8-55 | 10 — On J.U.C. Packing Note M-7216 added Req 108122 W.H.T. K.E.K.

9-21-48 | 3 — On close up Deflecting Prism note was Arrow on this side Req. 87321 S.B. M.Mc.

12-15-55 | 11 — On lower Case Adapter Unit 137485-C8901-Sh 71 Chg'd. to suit detail. Req. 109124 C.W.S. M.J.B.

11-24-48 | 4 — Upper Case & Lower Case were Refs. 156906-C9105-Sh.1 & 224634-C9105-Sh13 Resp. Req 87364 R.M. C.V.

On Lower Case Adapter Casting was 167996-C9105-Sh.16, Lens Unit UN223522 was 410527 410529 410319 (To be riveted over after Spring Clip is assem.)

4-4-50 — Cover 144204-C9105-Sh.2 chg'd to suit detail 3/8 Sq Jute Packing is 1/4 x 1/2 Jute or Hemp Packing. 1/4 x 3/4 Lg Split Brass Rivets were shown. Req 91316 A.E.P. F.A.I. J.J.

10-17-51 — Phankill Unit 143504-C8901-Sh86 & Note "A" added. #14-24 x 2 3/4 Fil. Hd. Br. Mach. Screws were 1 3/4 Prism Holder Ref. 264102-Sh.1070-11998 WRE shown Req. 93293 H.E.V. C.L.L.

UN265562 C8901-Sh.126 & (2) Screws WJ50056 & Lock Washers WJ47768 added. Req. 103121 M.O. Q.H.D. 3 Dec 51

12-1-58 — On Oper. Unit D66125-Sh.1 as Spec on G.O. was C9157-Sh.12 without Plug conn. Req 115666 J.F.C. K.E.K.

6-27-60 — BOLTS, UM433173 SH.222-8099 WERE THUMB SCRS. UR73098 SH.49-8391 REQ. 123261 REC 4.6.

Operating unit ref C9157 Sh.2 Was C9157-Sh.10 Req 108762 M.JA

10-10-69 — UJ470061 ADDED REQ135515 DSe above

ASSEMBLY B12609-Sh.227 — DETAILS 81613 — SCALE 6"/1'-0"

GEN. DWG. OF STYLE "H-2" D.C. SEARCHLIGHT SIGNAL

TWO-UNIT DWARF SIGNAL ARRANGED TO DEFLECT LIGHT UPWARDS

TOP UNIT STYLE H-2 SEARCHLIGHT, BOTTOM UNIT STYLE "R2" "S" INDICATION

First made for Western Pacific R.R.

DESIGNED — DRAWN — TRACED — CHECKED — ISSUED — APPROVED

C9104 SH. 9B CONT. ON 9C

UN265565 Comp. As Shown With { Upper Case 136906-C9105-Sh.1 & Lower Case 224634-C9105-Sh.13

For other Combinations see Tabulation C9104-Sh.9C.

Zachary C. Gillihan — Digitally signed by Zachary C. Gillihan DN: cn=Zachary C. Gillihan, o=ZCG Utility Scrap, ou, email=amerenue04@yahoo.com, c=US Date: 2013.01.01 10:01:40 -06'00'

Note:- Paint outside Class 10, Spec. 509, except entire hoods & lens Rings to be painted Class 57, Spec. 509.

Note:- (1) Copy of Instruction Pamphlet U-5034 to be shipped with Signal & placed in Spring Clip inside of Cover in Top Unit.

Note A:- Apply light coat Semaphore Lubricant 2553 to surfaces of gaskets before assembling.

UM167996-C9105-Sh.16

Cover 263154-C9105-23 with Gasket 263155-Sh.1176-8078 Fasten Gasket to Cover with Shellac per Spec. 2332.

#14-24 x 2 3/4" Fil Hd. Br. Mach. Screws (N.Pl.C.1) (Spec. 2674)

#10-32 x 3/4" Rd. Hd. Stainless Steel Mach. Screws

5/16"-18 x 1/2" Hex. Hd. S. Cap Screw (Cad. Pl. C.1) (UJ50034) & 5/16" S. Plate Washers (Cad. Pl. C.1) (UJ47642) Dip Threads in Black Adhesive Class 3 Spec. 3414 (UA41426) — For Plugging Holes for Sight Bracket.

Sealing Compound M-7389 (UA41498) & 3 131706-Sh.1367-8078 to hold lens in place.

256211-B8276-Sh.77

169299-B8276-Sh.63

UM433173 Sh. 222 8099 658988642-Sh.15

See Note "A"

#10-32 x 1/4 Rd. Hd. Br. Mach. Screws (N.P. Spec 1217-C.1)

1/2" Plain S. Lock Washer (Ex. H) Cad. Pl. Spec. 1326, C.1

1/2" x 5/16 Rd. Hd. I. Rivets

5/16" x 3/4 Rd. Hd. I. Rivets

1/2" C.I. Pipe Plug

Black Adhesive Class 3 Spec. 3414 (UA41426)

410521

Phankill Unit 143504-C8901-Sh.86

WJ79145 Sh. 64-7318 Span Over

1852 Sh. 76-8078

940896 Sh. 233-7826

238336 54.1026-8735

260577 Sh. 166-7436

Fill loosely with Lambs Wool. Do not pack.

Tag, Sh. 609-10939

175081 Sh. 30-9925

65018-Sh. 312-8190 with 5/16 Plain S. Lock Washer (Ex. H) (Cad. Pl. Spec. 1326,

For Ref. Only Operating Unit D66125-Sh.1 as Spec. on G.O.

Sealing Compound M-7389 (UA41498)

Seal with Black Adhesive Class 3 Spec. 3414 (UA41426)

Nipple, 213626-810325-Sh.4 Ventilator 213628-Sh.72-7318 & 3/4" Conduit Bushing in Case & Door.

260573 Sh. 165-7436

#10-32 x 3/8 Rd. Hd. B. Mach. Screws

259299-C8901-Sh.142 Paint Heads of Screws Class 51, Spec. 509.

#10-32 x 3/8" Rd. Hd. Br. Mach. Sc's. (N.P. Spec. 1217)

5/16"-18 x 1" Fil. Hd. S. Mach. Sc's. (Cad. Pl. Spec. 1326, C.1) with 5/16" Plain S. Lock Washer (Ex. H.) (Cad. Pl. Spec. 1326, C.1)

3/8"-16 x 1/2" Hex. Hd. Stl. Cap Screws (UJ50051) (Cad Pl. C.1) Dip in Black Adhesive Class 3 Spec 3414 (UA41426)

3/8 Sq x 39 1/2 Jute Packing M-7216

137652-B10211-Sh.1

Std. 3/8" S. Plate Washer (Cad. Pl. Spec. 1326 C.1)

UPPER CASE

Apply Semaphore Lubricant Spec 2553 to under side of Gasket to prevent sticking to Case.

UM277519-C9105-Sh.16

GASKET UJ470061 (FOR APPLICATION SEE F80119-Sh.01)

144204-C9105-Sh.2

1 1/2-45° M.I. Galv. Street Ell

1" Jake M.I. (Cad. Pl.) Straight Box Connectors

1/2" x 1 1/2" Hex. Hd. S. Tap Bolts, 1/2" Plain S. Lock Washers (Ex. H) & 7/16" S. Plate Washer (Cad Pl. C.1)

68996-C9105-Sh.14

Lens Unit (Clear) UN223522-C8901-Sh.128

For Ref. Only 13 + 3.5 W., 10V., S-11 Bulb, S.C.B.C. Base Lamp 182814-Sh.12-12409

(2) 3/8"-16 x 1 1/4" Hex. Hd. Stl. Cap Scs WJ50056 (Cad. Pl. C.1) with 3/8 Plain Stl. Lock Washers (Ex. H.) UJ47768 (Cad. Pl. C.1)

UM163881-B9998-Sh.13

Note:- After door has been latched shut, check to insure that door will open.

170501 Sh. 1206-9968

3/8" Hex. Nuts (Cad. Pl. Spec. 1326-C.1)

#10-32 x 1/4" Rd. Hd. Br. Mach. Sc's. (N. Pl. Spec. 1217-C.1) For plugging Holes.

LOWER CASE 137485-C8901-Sh.71

Tapped hole for Conduit Clamp

265563 Sh. 2387-9999

14 5/16

15/16 Outlet Hole for A.T.&S.F.R.R. See C9104-Sh.9C

3/8" x 2 1/4" Hex. Hd. S. Tap Bolts (Cad. Pl. Spec. 1326-C.1)

.189" Hs (#12 D.S.) for 1199-Sh.92-8097 (Rivt over)

#14-24 x 1 3/4 Fil. Hd. Br. Mach. Sc. UJ51447 (N. Pl. C.1)

146404 Sh. 201-8065

144627-B10212-Sh.1

#12-28 x Rd. Hd. S. Mach. Screws 1/4 Plain Lock Washers (Ex) & Hex. Nut 35216-Sh.121-8265 — Tin Plate Spec. 2524-C2

1/2" M.I. Galv. Street Ell

413229-wg. 410528

48750 Sh. 117-7826

3/8" x 1 1/4" S. Cotter (Tin Pl. Spec. 2524-C2

Std. 3/8 Hex Nuts (Cad Pl. Spec. 1326

44349

Holes for 1/4 Bolts.

4" 4" 8"