

WRECK

Rpt. 1.

SECTION

No. 878 B

STEEL ~~STEAMER~~ MOTORSHIP.

24 JUL 1935

Received at London Office.

WRECK

SECTION

State if Report has been sent on the Freeboard of the Vessel. Yes

State if Report is sent on the Machinery of the Vessel. Yes

Date of completion of report

23. 7. 35

Port of

Glasgow

No.

55933 B

Survey held at

Glasgow

Date First Survey

22. 11. 34

Last Survey

14. 7. 1935

On the

(State if Machinery fitted Aft and  
if Single, Twin or Triple Screw)

Single Screw Motor Ship "KARU"

State Type

(Full Scantling, Complete Superstructure  
with or without Tonnage Opening)

Full Scantling

State Type of Erections

R.2.D. Bridge &amp; Truss

TONNAGE under  
Tonnage Deck...

783.09

CLASS +100 A1

State if with freeboard  
as condition of Class

no

Built at

Linthouse Glasgow

Do. of space or spaces  
between Tonnage Dk.  
and Upper Dk.Length from fore part of stem to after part of stern  
post on summer L.W.L. See Sec. 3 (1a)

L 220

Launched 19<sup>th</sup> June 1935 Yard No. 546

Total

783.09

Breadth (greatest moulded)

B 35

Builders Alexander Stephens &amp; Sons Ltd.

Gross Tonnage

1044.30

Depth, at middle of length from top of keel to top  
of beam at side of uppermost continuous  
deck. See Sec. 3 (1c)

D 16.5

Owners Union S S Co of New Zealand Ltd.

Register Tonnage

528.97

1st Longitudinal Number (L x D) = 3630

Managers

(Where necessary to be entered in Reg. Book.)

2nd Numeral L x (B + D) = 11330

Framing Depth "d." at middle of length. See  
Sec. 3 (1d)

U. Dk. 13.41

R.2.Dk 17.28

Residence Wellington &amp; London

Proportions—Depth to Length—Uppermost con-  
tinuous deck to top of keel

U. Dk. 13.33

R.2.Dk 10.79

Port of Registry Wellington

Length

220.40

Breadth

35.15

Depth

14.30

Draught Moulded

15-5 1/4

If surveyed while building, afloat, or in dry dock

Yes

## FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>FRAMES, Spacing amidships</b>	23	✓	<b>Bracket Floors, Frame</b>	5 1/2 3 36	✓
" " from 1/2 length to Collision bulkhead	"	✓	" " Reversed Frame	5 1/2 3 30	✓
" " in peaks	"	✓	" " Vertical Struts	5 1/2 3 30	✓
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	35 1/2 .40	✓
<b>Frame Amidships, Angle, E or F</b>	5 1/2 3 40	✓	" " top Angle	3 3 37	✓
" " Extends up to	U. Dk.	✓	" " bottom Angle	3 1/2 3 1/2 40	✓
<b>Reversed Frame Amidships, Angle</b>	✓	✓	<b>Side Girders, No. each side and thickness</b>	one .30	✓
" " Extends up to	✓	✓	<b>Margin Plate depth (excl. of flange) and thickness</b>	25 .36	✓
<b>Depth of Framing Girder</b>	5 1/2	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3 3 33	✓
<b>Frames in Uppermost Continuous 'tween</b>	✓	✓	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	5 5 37	✓
<b>Decks, Angle, E or F</b>	✓	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓	✓
" " <b>Second 'tween Decks, Angle, E or F</b>	✓	✓	" " Gussets, spacing and scantling forward 1/2 len. from stem	continuous plate .34	✓
" " <b>Third</b>	✓	✓	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	4'-0" x .33	✓
<b>Framing in Peaks, Angle</b>	6 3 37	✓	<b>INNER BOTTOM PLATING.</b>		
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships</b>	3/4 @ 5 1/4	✓	<b>Breadth and thickness of Middle Line Strake</b>	42 .36	✓
<b>State if Frame Joggled</b>	Yes	✓	<b>Thickness of remainder in Holds</b>	.32	✓
<b>PANTING ARRANGEMENTS</b> (Sec. 7), state system and particulars	Stingers and deep framing as per appd. plan	✓	<b>Are Rule requirements complied with regarding increases of scantlings in way of double bottom in B. &amp; C. space and framing in Bunkers and Boiler Room?</b>	Yes	✓
<b>STRENGTHENING OF BOTTOM FOR- WARD.</b> State Particulars	as per appd. plan	✓	<b>BEAMS.</b>		
<b>SINGLE BOTTOM.</b>			<b>Uppermost Continuous Deck, amidships</b>	7 3 1/2 .41	✓
<b>Floors, Depth and thickness at mid-line in Holds</b>			" " in way of Bridge, Angle, E or F	5 3 37	✓
<b>Height of Brackets at side above base line at toe of frame</b>			" " Spacing	every frame	✓
<b>Middle Line Keelson, on Floors, Angles, E or F</b>			<b>Second Deck, amidships, Angle, E or F</b>	✓	✓
" " Through Plate or Intercostal Plate			" " Spacing	✓	✓
" " Foundation Plate on Floors			<b>Third Deck, amidships, Angle, E or F</b>	✓	✓
" " Flat Plate Keel Angles			" " Spacing	✓	✓
<b>Side Keelsons, No. each side</b>			<b>Fourth Deck, amidships, Angle, E or F</b>	✓	✓
" " thickness of Intercostal Plate			" " Spacing	✓	✓
" " Angles			<b>R.2.D. Prop Deck, Angle, E or F</b>	6 3 35	✓
<b>DOUBLE BOTTOM.</b>			" " Spacing	every frame	✓
<b>Solid Floors, thickness and spacing</b>	.30 @ 5'-9" (appd 9'-7")	✓	<b>Bridge Deck, Angle, E or F</b>	5 3 31	✓
" " Are Frame and Reversed Frame joggled?	Yes	✓	" " Spacing	every frame	✓
<b>Bracket Floors, breadth and thickness at middle line</b>	25" .30	✓	<b>Forecastle Deck, Angle, E or F</b>	5 3 30	✓
" " breadth and thickness at margin plate	25" .30	✓	" " Spacing	every frame	✓



# PILLARS AND DECKS.

	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.
<b>PILLARS, No. of Rows.....</b>	<i>Two rows</i>			Stringer Plate, breadth and thickness in way of Bridge .....	✓		
"    in 'tween Decks, Size and Spacing.....	<i>of</i>			Thickness of Plating abreast Deck openings in way of Wells .....	✓		
"    "    "    "    "    "	<i>widely spaced</i>			Thickness of Plating abreast Deck openings in way of Bridge .....	✓		
"    in Holds .....	<i>pillars with deck girders as per appd. plan</i>		✓	Thickness of Plating within line of openings...	✓		
"    "    "    "    "    "	<i>appd. plan</i>		✓	If Sheathed, material and thickness .....	✓		
<b>Centre Line Bulkhead.</b>				<b>Third Deck.</b>			
Stiffeners and Spacing.....	✓			Stringer Plate, breadth and thickness.....	✓		
Plating, thickness of .....	✓			If Plated, state thickness.....	✓		
<b>STRINGERS AND DECKS.</b>				<b>Fourth Deck.</b>			
<b>Uppermost Continuous Deck.</b>				Stringer Plate, breadth and thickness.....	✓		
Stringer Plate, breadth and thickness in Wells	<i>66 1/2</i>	<i>50</i>	<i>68 1/4 x 50</i>	If Plated, state thickness .....	✓		
"    "    "    "    in way of Bridge	<i>66 1/2</i>	<i>32</i>	<i>68 1/4 x 32</i>	<b>Quarter Deck.</b>			
"    Angle in Well .....	<i>5</i>	<i>5</i>	<i>50</i>	Stringer Plate, breadth and thickness .....	<i>48</i>	<i>.42</i>	✓
Thickness of Plating abreast Deck openings in way of Wells .....		<i>.40</i>	<i>.32</i>	Plating, Sheathing, material and thickness .....	<i>about 40 between .38</i>		<i>.32</i>
Thickness of Plating abreast Deck openings in way of Bridge .....		<i>.30</i>	✓	<b>Bridge Deck.</b>			
Thickness of Plating within line of openings...		<i>.30</i>	✓	Stringer Plate, breadth and thickness.....	<i>64</i>	<i>.32</i>	<i>54 x 32</i>
If Sheathed, material and thickness .....	<i>1 1/4 Comp. in way of bridge</i>			Plating, Sheathing, material and thickness .....	<i>5 x 2 1/2 P.P. sheath</i>	<i>.28</i>	✓
<b>Second Deck.</b>				<b>Forecastle Deck.</b>			
Stringer Plate, breadth and thickness in Wells...	✓			Stringer Plate, breadth and thickness.....		<i>.34</i>	<i>.32</i>
				Plating, Sheathing, material and thickness .....		<i>.34</i>	<i>.30</i>

# SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if Joggled?		RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.	NO. OF ROWS OF RIVETS.	RIVETS.	STRAPPED OR LAPPED.	
	Inches.	Inches.	Inches.	Inches.			Diam. Spacing cr. to cr.		Diam. Spacing cr. to cr.		
FLAT PLATE KEEL .....	<i>42</i>	<i>.50</i>	<i>.46</i>	<i>.50</i>	✓ <i>4 1/2 x .50</i>	<i>double</i>	<i>3/4 2 7/8</i>	<i>Tribble</i>	<i>3/4 2 5/8</i>	<i>lapped</i>	
"    DBLG. (if any) .....	✓										
<b>BOTTOM PLATING, No. of Strakes .....</b>		<i>.41</i>	<i>.39</i>	<i>.39</i>	✓	<i>double</i>	<i>" "</i>	<i>"</i>	<i>" "</i>	<i>"</i>	
<b>BILGE PLATING, No. of Strakes .....</b>		<i>.41</i>	<i>.39</i>	<i>.37</i>	✓	<i>double</i>	<i>" "</i>	<i>"</i>	<i>" "</i>	<i>"</i>	
<b>SIDE PLATING, No. of Strakes .....</b>		<i>.41</i>	<i>.39</i>	<i>.37</i>	✓	<i>single</i>	<i>" "</i>	<i>double</i>	<i>" "</i>	<i>"</i>	
<b>UPPER DECK, Sheer-strake in Well .....</b>	<i>66</i>	<i>.50</i>	<i>.37</i>	✓	<i>62 x .50</i>	<i>single</i>	<i>" "</i>	<i>tribble</i>	<i>" "</i>	<i>"</i>	
<b>UPPER DECK, Sheer-strake in Bridge ...</b>	<i>62</i>	<i>.75 as bulk.</i>	✓			<i>double</i>	<i>7/8 3 2/7</i>	<i>"</i>	<i>7/8 3 1/8</i>	<i>"</i>	
<b>STRAKE BELOW Sheer-strake in Wells .....</b>	<i>62</i>	<i>.47</i>	<i>.37</i>	<i>.37</i>	✓	<i>single</i>	<i>3/4 2 7/8</i>	<i>tribble</i>	<i>3/4 2 7/8</i>	<i>"</i>	
<b>STRAKE BELOW Sheer-strake in Bridge ...</b>		<i>.41</i>	✓			<i>single</i>	<i>" "</i>	<i>double</i>	<i>" "</i>	<i>"</i>	
<b>2nd. SIDE PLATING .....</b>	<i>52</i>	<i>.66</i>	✓	<i>.37</i>		<i>double</i>	<i>7/8 3 2/7</i>	<i>tribble</i>	<i>7/8 3 1/8</i>	<i>"</i>	
<b>BRIDGE SIDE PLATING ...</b>		<i>.44</i>	✓	<i>.37</i>		<i>single</i>	<i>3/4 2 7/8</i>	<i>"</i>	<i>3/4</i>	<i>"</i>	
<b>FORECASTLE SIDE PLATING</b>		<i>.41</i>			✓	<i>single</i>	<i>" "</i>	<i>tribble</i>	<i>" 2 7/8</i>	<i>"</i>	
			<i>.30</i>	✓		<i>single</i>	<i>" "</i>	<i>single</i>	<i>" 2 7/8</i>	<i>"</i>	

# WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		4
Extending to Upper Deck (Sec. 3 c)		4
.. Deck next below		✓
As per Rule		4

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
NO 56					
MIDSHIP BULKH'D, Upper tween decks	✓				
" " Second "	✓				
" " Third "	✓				
" " Holds .....	✓				
COLLISION " (in Hold) .....	✓				
AFTER PEAK " " .....	✓				

# FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar .....</b>			<i>Flat plate</i>	✓
<b>STEM .....</b>			<i>Roller Steel 7 x 1 1/8"</i>	✓
<b>STERN FRAME</b> { Propeller Post .....			<i>Steel as per Rubysdal Casting appd. plan</i>	✓
{ Rudder .....			<i>Fairing for arrangement as per appd. plan</i>	✓
<b>RUDDER—A x D .....</b>			<i>95.6</i>	✓
<b>Speed of Vessel .....</b>			<i>10 Knots</i>	✓
<b>RUDDER</b> main piece at head .....	<i>Steel forging</i>	<i>5 1/2"</i>	<i>J.S. Foster &amp; Sons Ltd.</i>	✓
"    "    heel .....	<i>heel</i>		<i>welded rudder</i>	✓
"    low constructed .....			<i>as per appd. plan constructed by builders</i>	✓
"    double or single plate			<i>.34</i>	✓
"    coupling, vertical or horizontal .....			<i>horizontal</i>	✓

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth process*  
*The Steel Co. of Scotland, Colvilles Ltd. Lanarkshire Steel Co.*

Has the Steel been tested as required by the Rules? *Yes*



EQUIPMENT No 12288 ✓										LETTER n ✓	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.			
35237	1st Bower ...	24	2	14	Stockless	24	8	1	21	✓	25 1/2	Rye's Improved Stockless	LPH-S 30th April 1935
35236	2nd „ ...	24	1	14	do.	24	4	0	7	✓	25 1/2	do.	J. H. Butler
35238	3rd „ ...	24	1	7	do.	24	4	0	7	✓	22	do.	do.
	Collective weight.	73	1	7							73		do.
48246	Stream .....	6	2	10	1 1/2	25	8	17	2	0	6 1/2	Ordinary	LPH-H 8th Feb. 1935 S. C. Paul.

CHAIN CABLES.										HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.			Fathoms.	Ins.	Tons.	Fathoms.	Ins.

Please see attached sheet for particulars of cables ✓

Steering Gear, ~~Steam~~ *Elect-Hydr.* *Brown Bros* Steering Gear, *Hand* *Brown Bros.*

Boats *two* Steering Chains, Size and Test *none* Windlass *Clarke Chapman*

Ceiling in Holds, thickness and material *2 1/2 W.P.* Cargo Battens, thickness, material and spacing *6" x 2" W.P. @ 6" clear*

Cargo Hatchways.—(Upper Deck) *2" elm doubling under hatches* Thickness of Hatches *3" W.P.*

Size of No. 1 Hatchway (Forward) *23' x 14'* No. 2 *23' x 14'* No. 3 *23' x 16'* No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters *three at each hatch.*

ALEXANDER STEPHEN & SONS, LIMITED

Builder's Signature

A. M. Stephen.

GENERAL DECLARATION. It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel *Yes* (b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *no* The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

The materials and workmanship are good. The vessel has been built in accordance with the approval plans, the Secretary's letters of various dates and in conformity with the Rules for the class contemplated. The vessel is constructed to carry oil fuel in Nos. 3 and 4 double bottom tanks. The tanks, decks, bulkheads tunnel and W.T. door have been tested in accordance with the Rules and the requirements of Sect. 20 of the Rules have been complied with where applicable. The freeboard has been verified and the freeboard markings cut in on vessel's sides.

The amount of Entry Fee ..... £ 5 : 0 : 0

Fees applied for,

23 JUL 1935

Special Survey Fee.... £104: 8: 0

Received by me,

Travelling Expenses, if any £ 10: 0: 0

4.9 1935

I am of opinion the Vessel should be Classed

+100 A1

State whether the Vessel has been built under Special Survey

yes

Signature

A. W. Paterson

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

Glasgow

Date of issue

20/9/35

Committee's Minute

GLASGOW 23 JUL 1935

FRI, 26 JUL 1935

Character assigned

+100 A1

7. 35 (subject to comp. of M.C. survey) See Lws. ref 9. 1020 813

Lloyd's A.C.P.

Rudder electrically welded.

+L.M.C. 7. 35 subject to.



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004300-004307-0172 2/3



GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

List of approved plans forwarded herewith:—  
(Midship Section as built forwarded in advance.)

- ✓ Midship Section
- ✓ Profile & Decks
- ✓ W. T. Bulkheads
- ✓ After peak Bulkhead.
- ✓ Stemframe & Rudder
- ✓ Main Engine Seating
- ✓ Structure at ends of Bridge
- ✓ Pillars Girders & Hatches
- ✓ Scarping of centre girders with engine girders
- ✓ Stiffening of bottom ford.
- ✓ Panting arrangement.
- ✓ Main inlet box.
- ✓ Stem canals and framing.
- ✓ Daily service tanks
- ✓ Riveting list
- ✓ Arrangement of Scuppers & discharges.
- ✓ Pumping plans
- ✓ Rudder crosshead

3 Forging Reports.

*Aug.*

Particulars of Drop Test of Cast Steel Anchors, viz.:—  
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower	wt. 16-1-7	— J.D. — 433 — 17 <sup>th</sup> April 1935.
2nd "	" 16-0-7	— J.D. — 428 — 17 <sup>th</sup> April 1935.
3rd "	" 16-1-7	— J.D. — 414 — 11 <sup>th</sup> April 1935.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 65.66 ft., Bridge 53.66 ft., Forecastle 24 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

Rudder electrically welded.

No. and Material of Decks (This information is to be given as it should appear in the Register Book) 1 st (stl.)

Official No. ☒ ; Signal Letters ☒ Is bottom of Vessel coated with cement ☒ if not give particulars of composition

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, in machinery space	40-3"	38	Fore peak tank,		
Double bottom, under Engines only.	28-9"	43	After peak tank,	13-11"	20
Double bottom, if under Boilers only,			Deep tank, aft,		
Double bottom, forward,	95-10"	138	Deep tank, forward,		
Total length of double bottom		219	Other tanks, if fitted,		
			(If necessary, furnish further information by sketch.)		
*The wells are not to be included in the lengths of the tanks.					

Order for Special Survey No. 6211  
Date 26.10.34  
Dates of Surveys held while building  
1934 Nov.: 22 Dec.: 7. 10. 17. 20. 24 (1935) Jan.: 7. 15. 24. 28. 29 Feb.: 6. 8. 12. 15  
18. 20. 26 Mar.: 1. 4. 6. 12. 15. 20. 22. 26. 29 Apr.: 2. 4. 8. 9. 15. 16. 25. 26 May  
8. 13. 15. 17. 22. 29 June.: 3. 18. 19. 24 July.: 5. 9. 14

Total No. of Visits 48

Rpt. 9a.

Port of Glasgow. Continuation of Report No. 533 dated 14.7.35. on the

#### MOTORSHIP "KARU"

#### CHAIN CABLES.

No. of	Length x size supplied		Test per certificate		Weight of Chain Cable		Length x size per rule		Descrip.	Marks of Cables.	When & where tested + Superintendent
Certificate	Length	Diam.	Stat.	Break	Supplied	per Rule	Length	Diam.			
	ft.	in.	tons	tons	Cwt. lbs. lbs.		ft.	in.			
49911	15	1 1/2	40 5/10	58 7/10	17-1-3	↑	↑	↑	Stand link	~~~~~	LPNCH 27 June 1934 S.C. Paul
49910	15	"	"	"	17-1-3	—	—	—	"	~~~~~	do.
50057	15	"	"	"	17-1-7	—	—	—	"	~~~~~	LPNCH 24 Aug. 1934 W.P. Newman
50615	15	"	"	"	17-1-14	—	—	—	"	~~~~~	LPNCH 22 Jan 1935 S.C. Paul
50614	15	"	"	"	17-1-14	—	—	—	"	~~~~~	do.
50612	15	"	"	"	17-1-14	—	—	—	"	~~~~~	do.
50611	15	"	"	"	17-2-7	—	—	—	"	~~~~~	do.
50610	15	"	"	"	17-1-21	—	—	—	"	~~~~~	do.
50607	15	"	"	"	17-2-0	curto	ft.	diam.	"	~~~~~	do.
50616	15	"	"	"	17-1-14	—	—	—	"	~~~~~	do.
50657	15	"	"	"	17-1-7	—	—	—	"	~~~~~	LPNCH 13 March 1935. S.C. Paul
50899	15	"	"	"	17-2-0	24 2	210	1 1/2	"	~~~~~	do.
50900	15 1/3	"	"	"	17-1-21	—	—	—	"	~~~~~	do.
50999	15	"	"	"	17-1-4	—	—	—	"	~~~~~	LPNCH 30 March 1935 S.C. Paul
51256	5	"	"	"	5-2-14	—	—	—	"	~~~~~	LPNCH 13 May 1935 S.C. Paul
51255	5	"	"	"	5-2-14	↓	↓	↓	"	~~~~~	do.
Total	220 1/3				Total 254-2-17						

*Aug.*