

No 5 L/T/DK 32 TONS

58 CASES (DIP.) (LOCKERS)
2 BUNDLES STEEL TUBES
52 DRUMS DYES
150 BAGS CHEMICALS
10 DRUMS CHEMICALS
6 PACKAGES VARIOUS.

12 STEEL RAIL TYRES
58 CARTONS SHELL OIL
26 F/KEGS CHEMICALS
26 CASES GENERAL/MACHINERY

No 5 L/HOLD 318 TONS

647 BAGS SCRAP RUBBER
2 LOCOS
9 PALLETS BRICKS
274 BAGS ALKATHENE
28 CASES GENERAL MACHINERY
11 PIECES STEEL
114 CARTONS BANDAGES
79 BALES CANVAS
45 CRATES E'WARE

51 PALLETS SODIUM CYANIDE
55 CASES BRICKS
30 CASES SCRAP RUBBER
208 HESS TRUSSES ASBESTOS
38 CARTONS GENERAL
22 ROLLS CORR. SHEETS
38 PACKAGES GENERAL
6 ROLLS LINO

ON DECK 48 TONS

NO 1 HATCH STARBOARD SIDE
NO 4 HATCH STARBOARD SIDE

NO 5 HATCH PORT SIDE
NO 5 HATCH STARBOARD SIDE
NO 1 HATCH STARBOARD SIDE

1 CASE ADHESIVE
10 CYLINDERS LIQUID CHLORINE

512 POLY CONTAINERS HYDROCHLORIC ACID
100 CYLINDERS LIQUID CHLORINE
1 CASE SOLDER RESIN

MAIL

161 BAGS NO 3 L/HOLD 21 BAGS NO 4 LOCKER

LIST OF HEAVY LIFTS 5,000 KILOS OR OVER

<u>MARKS & NOS.</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>STOWAGE</u>	<u>WEIGHT</u>
KAFIRONDA KL/745	71	1 CASE MACHINERY	3 L/HOLD	5180 Kg.
ZSC SMITHNAK	12254	1 PIECE MACHINERY	4 L/HOLD	11171 Kg.
ZSC SMITHNAK	11863	1 CASE EQUIPMENT	3 L/HOLD	5461 Kg.
NCCM LAH1567/6/EGGD	1	1 PIECE LOCOMOTIVE	4 L/HOLD	9144 Kg.
"	4	1 PIECE LOCOMOTIVE	4 L/HOLD	9144 Kg.
"	2	1 PIECE LOCOMOTIVE	5 L/HOLD	9144 Kg.
"	3	1 PIECE LOCOMOTIVE	5 L/HOLD	9144 Kg.
NCCM LHH108141A067	5	1 PIECE LOCOMOTIVE	4 L/HOLD	17272 Kg.
"	6	1 PIECE LOCOMOTIVE	4 L/HOLD	17272 Kg.
KAFIRONDA KL/745	51	1 PIECE STILLPOT	4 L/HOLD	10210 Kg.
"	52	1 PIECE STILLPOT	4 L/HOLD	10210 Kg.
"	53	1 PIECE STILLPOT	4 L/HOLD	10215 Kg.
"	54	1 PIECE STILLPOT	4 L/HOLD	10215 Kg.

34 OTHER ITEMS OVER 2,000 KILOS

NAME Bosun No. 1102
 FROM 21-11-78 To 17/3/79 16 WEEKS 5 DAYS 120/10 W 11025

16	WEEKS	53-40	854-40
4	DAYS	10-68	42-72
360	HRS	1-43	514-80
	HRS		
10	WEEKS	4-45	44-50
4	DAYS	0-89	3-56
736	HRS	1-56	1148-16
23	DAYS LEAVE	10-37	238-51
23	SUBST.	2-00	46-00
(A) TOTAL			2892-65
DEDUCTIONS			1966-95
BALANCE			<u>925-70</u>

ALLOTMENTS	480-00
N.O.S ⁶⁰ 140 ⁶⁰ 68	12-84
N.O.S (GIL)	-
PENSION	116-05
TAX W20	550-90
GRAD.	104-80
RADIO	13-63
CANTEEN	18-47
CASH DRAWN	70-00
POST	0-26
REMITTANCE	600-00
TOTAL	<u>1966-95</u>

GROSS (A)	2892-65
LESS PENSION	116-05
GROSS (C)	2776-60
x/y OF C (D)	2439-44
75% OF D	1829-58
+ DIFF C-D	337-16
GROSS TAXABLE	2166-74
LESS FREE PAY OF	427-00
NET TAXABLE (A)	1739-74
DEDUCT COL 2 P.S.	288-50
TAX TABLE FIG	1451-24
TAX	478-80
PLUS TAX COL 4	72-10
TOTAL TAX	550-90
GRAD ON (A)	104-80

QUAL DAYS	110
+ ATT LEAVE	22
	132
- 1/15	9
X	123
123 / 140	
ARTICLE DAYS	117
+ LEAVE	23
+ WK BY LEAVE	-
Y	140
GROSS (A)	2892-65
LESS SUBST	46-00
GROSS (B)	2846-65
LESS TAX TABLE FIG.	525-00
	2321-65
PENSION @ 5%	116-05

NAME _____ RATING A.B. TAX CODE 178 H

FROM 21-11-78 to 17-3-79 16 WEEKS 5 DAYS £35w ALLOTS

<u>16</u>	WEEKS	<u>47-72½</u>	<u>763-60</u>
<u>4</u>	DAYS	<u>9-54½</u>	<u>38-18</u>
<u>309</u>	HRS	<u>1-30½</u>	<u>403-24½</u>
	HRS		
<u>10</u>	WEEKS	<u>3-92½</u>	<u>39-25</u>
<u>4</u>	DAYS	<u>0-78½</u>	<u>3-14</u>
<u>667</u>	HRS	<u>1-42½</u>	<u>950-47½</u>
<u>23</u>	DAYS LEAVE	<u>9-13</u>	<u>209-99</u>
<u>23</u>	SUBST.	<u>2-00.</u>	<u>46-00</u>

(A) TOTAL 2453-88
 DEDUCTIONS 1304-29
 BALANCE 1149-59

ALLOTMENTS	<u>560-00</u>
N.V.S ^{6 x .60} _{14 x .63}	<u>12-84</u>
N.V.S QTY	<u>—</u>
PENSION	<u>94-10</u>
TAX <u>W20</u>	<u>356-85</u>
GRAD.	<u>104-80</u>
RADIO	<u>8-90</u>
CANTEEN	<u>46-12</u>
CASH DRAWN	<u>119-40</u>
POST	<u>1-28</u>
TOTAL	<u>1304-29</u>

GROSS (A)	<u>2453-88</u>
LESS PENSION	<u>94-10</u>
GROSS (C)	<u>2359-78</u>
x/y OF C (D)	<u>2073-24</u>
75% OF D	<u>1554-93</u>
+ DIFF C-D	<u>286-54</u>
GROSS TAXABLE	<u>1841-47</u>
LESS FREE PAY OF	<u>689-00</u>
NET TAXABLE (A)	<u>1152-47</u>
DEDUCT COL. 2 FIG.	<u>288-50.</u>
TAX TABLE FIG.	<u>863-97</u>
TAX	<u>284-75</u>
PLUS TAX COL. 4	<u>72-10.</u>
TOTAL TAX	<u>356-85</u>
GRAD ON (A)	<u>104-80</u>

QUAL DAYS	<u>110</u>
+ ATT. LEAVE	<u>22</u>
	<u>132</u>
- 1/15	<u>9</u>
X	<u>123</u>

123/140

ARTICLE DAYS	<u>117</u>
+ LEAVE	<u>23</u>
+ WK. BY. LEAVE	<u>—</u>
Y	<u>140.</u>

GROSS (A)	<u>2453-88</u>
LESS SUBST.	<u>46-00</u>
GROSS (B)	<u>2407-88</u>
LESS WK TABLE FIG.	<u>525-00.</u>
	<u>1882-88</u>
PENSION @ 5%	<u>94-10</u>

VOYAGE SYNOPSIS

LIVERPOOL TO JAMAICA, MEXICO & U.S. GULF

LIVERPOOL: SAILED 2010 HRS. THURSDAY 27th MAY, 1976 LOAD 2067 TONS

KINGSTON: PASSAGE: 10d 17.1h DIST: 4209 AV.SPD 16.4K FUEL 21.1
 DISCH. 1113 T Mon: 7.6.76 Arrived 1330
 LOAD 11 T Mon: 7.6.76 Berthed 1457 3.0h Rain
 IN PORT 3½ DAYS Mon: 7.6.76 Commenced 1545 1.0h
 LONG. HATCH No 3 0.5h Thur: 10.6.76 Completed 1750
 T.P.G.H. 9.5 Thur: 10.6.76 Sailed 1800

VERA CRUZ: PASSAGE: 2d 23.1h DIST: 1211 AV.SPD 17.0K FUEL 21.1
 DISCH. 339 T Sun: 13.6.76 Arrived 1624 14.0h awaiting
 LOAD 166 T Sun: 13.6.76 Berthed 1743 normal working hrs.
 IN PORT 2 DAYS Mon: 14.6.76 Commenced 0805
 LONG. HATCH No 3 0.5h Tues: 15.6.76 Completed 1535
 T.P.G.H. 7.6 Tues: 15.6.76 Sailed 1611

TAMPICO: PASSAGE: 0d 11.7h DIST: 203 AV.SPD 17.4K FUEL 20.9
 DISCH. 454 T Wed: 16.6.76 Arrived 0418 2.5h Anchored
 LOAD 586 T Wed: 16.6.76 Berthed 1535 outside.
 IN PORT 2½ DAYS Wed: 16.6.76 Commenced 1620
 LONG. HATCH No 2 8.6h Sat: 19.6.76 Completed 0235 3.5h Anchored in
 T.P.G.H. 13.4 Sat: 19.6.76 Sailed 0346 river

HOUSTON: PASSAGE: 1d 4.1h DIST: 478 AV.SPD 17.0K FUEL 21.3
 DISCH. 130 T Sun: 20.6.76 Arrived 1024 16.5h awaiting
 LOAD 265 T Sun: 20.6.76 Berthed 1535 normal working hrs.
 IN PORT 2 DAYS Mon: 21.6.76 Commenced 0815
 LONG. HATCH No 3 3.8h Tues: 22.6.76 Completed 1455
 T.P.G.H. 23.4 Tues: 22.6.76 Sailed 1650

NEW ORLEANS: PASSAGE: 0d 19.4h DIST: 325 AV.SPD 16.7K FUEL 20.0
CHALMETTE :
 LOAD 463 T Wed: 23.6.76 Arrived 1900 Bow came into
 IN PORT 4½ DAYS Thur: 24.6.76 Berthed 0255 contact with
 LONG. HATCH 1 GANG Fri: 25.6.76 Commenced repairs 0745 quay while
 T.P.G.H. 51.4 Sat: 26.6.76 Completed repairs 2300 entering
 Sun: 27.6.76 Commenced cargo 0830 Chalmette
 Sun: 27.6.76 Completed cargo 1735 slip.
 Mon: 28.6.76 Sailed 1236 18.0h
 awaiting lock

NEW ORLEANS: PASSAGE: River/Canal
GALVEZ ST. :
 DISCH. 30 T Mon: 28.6.76 Berthed 1451 17.0h awaiting labour.
 LOAD 995 T Tues: 29.6.76 Commenced 0840 3.0h prepare for sea.
 IN PORT 3 DAYS Thur: 1.7.76 Completed 1000
 LONG. HATCH DECK 2.5h Thur: 1.7.76 Sailed 1300
 T.P.G.H. 40

MANCHESTER: PASSAGE: d h DIST: AV.SPD K FUEL
 Arrived
 Berthed

Voyage Synopsis

Liverpool to Kingston, Vera Cruz, Tampico, New Orleans, Baton Rouge, & Houston.

Sailed Liverpool 0750 hrs. Friday 31st October, 1975. Load 2694 Tons.

<u>KINGSTON.</u>		<u>Passage St.T 11d 2.7h Dist 4327 Av 16.22k Rough-Mod. Av T/Day 20.4</u>		
Disch. 1621 T	Tues 11.11.75	Arrived	0818	Anchored Port Royal from 0940 to 1020 for Pratique. 2.86h Waiting for labour. 6.75h Waiting for cargo. 8.00h Rain at all hatches.
Loaded 255 T	Tues 11.11.75	Berthed	1108	
Long Hatch No 2 0.56h	Tues 11.11.75	Commenced	1400	
In Port 5d 4.2h	Sun 16.11.75	Completed	1340	
T.P.G.H. 8.36	Sun 16.11.75	Sailed	1520	

<u>VERA CRUZ</u>		<u>Passage St.T 2d 23.4h Dist 1205 Av 16.88k Mod. Av T/Day 20.6</u>		
Disch. 674 T	Wed 19.11.75	Arrived	1436	2.13h Waiting labour. 2.20h Waiting arranged sailing time 5.17h Boaming up var hatches & shifting cargo. 1 Day lost 20.11.75 Public Holiday
Loaded 119.97 T	Wed 19.11.75	Berthed	1542	
Long Hatch No 4 0.66h	Wed 19.11.75	Commenced	1750	
In Port 2d 6.5h	Fri 21.11.75	Completed	1920	
T.P.G.H. 9.89 T	Fri 21.11.75	Sailed	2212	

<u>TAMPICO</u>		<u>Passage St.T 0d 14.1h Dist 208 Av 14.75k Very Rough Av T/Day 20.4</u>		
Disch. 202 T	Sat 22.11.75	Arrived	1324	Waiting off port for weather to moderate from 1324, 22.11.75 to 0813, 23.11.75. Anchored off P. Bay from 0813 to 1230, 23.11.75 waiting for pilot. 0.5h prep for discharge. 0.5h prep for sea.
Loaded 153 T	Sun 23.11.75	Berthed	1449	
Long Hatch No 4 0.66h	Sun 23.11.75	Commenced	1530	
In Port 0d 23.5h	Mon 24.11.75	Completed	1140	
T.P.G.H. 10.07	Mon 24.11.75	Sailed	1304	

<u>NEW ORLEANS</u>		<u>Passage St.T 1d 11.8h Dist 610 Av 17.04 Rough to Fine Av T/Day 20.5</u>		
Disch. 90 T lifts	Wed 26.11.75	Arrived	0931	Anchored from 0931 to 1151 26.11.75 waiting for lock. 27.11.75 Public Holiday. 15.0h Waiting arranged lock. 1.78h Rain. 0.66h Shifting crans.
Loaded 567 T	Wed 26.11.75	Berthed	1343	
Long Hatch No 2 0.75h	Wed 26.11.75	Commenced	1540	
In Port 3d 13.59h	Fri 28.11.75	Completed	1720	
T.P.G.H. 31.69	Sat 29.11.75	Sailed	0920	

<u>BATON ROUGE</u>		<u>Passage River Dist --- Av --- Fine Av T/Day ---</u>		
Loaded 2815 T	Sat 29.11.75	Arrived	1958	11.23h waiting normal working hrs. 1.00h shifting cargo. 1.75h Boaming up all hatches. 5.53h Rain. 0.93 Sailing time.
Shifted 104 T of containers	Sat 29.11.75	Berthed	2024	
Long Hatch No 4 2.33h	Sun 30.11.75	Commenced	0810	
In Port 2d 2.66h	Mon 1.12.75	Completed	2210	
T.P.G.H. 100.4	Mon 1.12.75	Sailed	2304	

<u>HOUSTON</u>		<u>Passage St.T 0d 18.4h Dist 303 Av 16.47k Fine Av T/Day 20.6</u>		
Disch. 37 t	Wed 3.12.75	Arrived	1338	1.5h Securing cargo 1.0h Shifting cargo 0.5h waiting sailing time.
Loaded 297.6 T	Wed 3.12.75	Berthed	1349	
Long Hatch No 2 0.5h	Wed 3.12.75	Commenced	1415	
In Port 1d 23.6h	Fri 5.12.75	Completed	1050	
T.P.G.H. 12.64	Fri 5.12.75	Sailed	1330	

<u>MANCHESTER</u>		<u>Passage St.T d h Dist Av K Av T/Day</u>		
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Voyage Synopsis.

Liverpool to Jamaica, Mexico, U.S. Gulf.

Sailed Liverpool 1806 hrs. Wednesday 13th August, 1975

Load 1473 Tons

<u>KINGSTON.</u>		<u>Passage 10d 15.2h Dist 4221 Av.Spd. 16.5K Fuel 20.2</u>			
Disch. 587 T	Sun	24.8.75	Arrived	0924	
Load 4 T	Sun	24.8.75	Anchored	1022	at Fort Royal
In Port 3½ Days	Sun	24.8.75	Berthed	1155	19.Ohrs Awaiting
Long Hatch No 2 19.5h	Mon	25.8.75	Commenced	0724	normal working hours.
T.P.G.H. 9.3	Wed	27.8.75	Completed	1155	12.5hrs Awaiting No 2
	Thurs	28.8.75	Sailed	0026	Beam, sent ashore for repair.
<u>VERA CRUZ</u>		<u>Passage 3d 14.1h Dist 1196 Av.Spd. 13.9K Fuel 10.8</u>			
Disch. 349 T	Sun	31.8.75	Arrived	1424	
Load 52 T	Sun	31.8.75	Berthed	1543	16.5hrs Awaiting
In Port 2½ Days	Mon	1.9.75	Commenced	0825	normal working hours.
Long Hatch No 1 1h	Tues	2.9.75	Completed	1630	
T.P.G.H. 10.8	Tues	2.9.75	Sailed	1707	
<u>TAMPICO</u>		<u>Passage 0d 13.0h Dist 210 Av.Spd. 16.2K Fuel 19.2</u>			
Disch. 471 T	Wed	3.9.75	Arrived	0654	
Load 187 T	Wed	3.9.75	Berthed	0851	7hrs Heavy rain.
In Port 2 Days	Wed	3.9.75	Commenced	1600	6.2hrs Awaiting
Long Hatch No 4 2.7h	Thurs	4.9.75	Completed	2400	daylight.
T.P.G.H. 7.5	Fri	5.9.75	Sailed	0612	
<u>HOUSTON</u>		<u>Passage 1d 5.3h Dist 479 Av.Spd. 16.4K Fuel 17.5</u>			
Disch. 28 T	Sat	6.9.75	Arrived	1348	
Load 613 T	Sat	6.9.75	Berthed	1907	1d 13h Awaiting Labour.
In Port 3½ Days	Mon	8.9.75	Commenced	0810	
Long Hatch No 3 21.7h	Wed	10.9.75	Completed	1245	
T.P.G.H. 19.2	Wed	10.9.75	Sailed	1311	
<u>NEW ORLEANS</u>		<u>Passage 0d 19.6h Dist 322 Av.Spd. 16.4K Fuel 19.4</u>			
Disch. 43 T	Thurs	11.9.75	Arrived	1348	S.W.Pass for MRGO Pilot
Load 187 T	Thurs	11.9.75	Berthed	2307	3.6hrs Prepare for
In Port 1 Day	Fri	12.9.75	Commenced	0830	sea & await lock.
Long Hatch No 3 2h	Fri	12.9.75	Completed	1545	
T.P.G.H. 21.3	Fri	12.9.75	Sailed	1919	
<u>MANCHESTER</u>		<u>Passage d h Dist Av.Spd. K Fuel</u>			
			Arrived		

C.A. Carew
Master

U.S. S. "DISCOVERER" VOYAGE NO 62 HOMEWARD

BALTED HOUSTON 5.12.75.

OFFICIAL NO 306476

MASTER W.E. HINDE

CHIEF OFFICER O.W. OWEN.

GROSS TONNAGE 5582/3587

NETT TONNAGE 2885/1599

EXTRACT OF LOG

DATE	TIME	COURSE	WIND		SEA HT	SWELL		BAR mmHg	TEMP °C	REMARKS
			DIR	FORCE		DIR	HT			
10.12.75	0800	068	170	6	10	180	10	1014.5	22	Mainly o'cast. fine & clear. V/l rolling. spraying o'all.
10.12.75	1000	068	170	8	12	170	10	1014.0	22	Cloudy fine & clear. V/l rolling & pitching. spraying heavily o'all.
11.12.75	0400	068	170	8	12	170	10	1012.2	22	O'cast & clear. V/l rolling heavily at times & pitching moderately. Shipping spray continuously.
11.12.75	2000	0666	170	8	12	160	10	1007.1	19.5	O'cast fine & clear. V/l rolling heavily & pitching heavily o'all.
12.12.75	1200	066	160	5	8	140	10	1005.1	18.5	O'cast occ'sl rain showers. V/l rolling & pitching. spraying occ'sly to Stb'd.
12.12.75	2400	066	110	5/6	8	080 130	12 10	1009.2	18.5	Mainly o'cast. occ'sl light rain showers. Clear, v/l pitching moderately. heavily at times, spraying o'all.
13.12.75	0800	066	100	3	3	090 130	14 10	1009.3	17.5	Cloudy/o'cast with occ'sl showers. Clear, v/l pitching spraying for'd.
13.12.75	2400	067	130	8	12	080 120	18 16	1002.8	17.5	2320hrs reduced to 90 rpm due to adverse weather conditions Cloudy fine & clear. occ'sl light rain. v/l pitching heavily. spraying o'all.
14.12.75	0800	067	180	5	6	100 150	25 10	998.1	16.5	O'cast with occ'sl rain showers. clear. v/l pitching heavily Shipping water & spraying for'd.
14.12.75	1600	067	150	6	8	090 130	12 25	1002.0	17.5	O'cast/cloudy & clear, occ'sl showers earlier. V/l pitching mod/heavy at times, shipping heavy spray for'd.
15.12.75	0400	067	140	9	15	090 130	20 25	1006.9	15.0	0228hrs reduced to 80 rpm due to adverse weather conditions. O'cast & clear. occ'sl rain showers. V/l rolling & pitching moderately/heavily at times. Shipping water & spraying o'all.

EXTRACT OF LOG

Cont... - 2 -

DATE	TIME	COURSE	WIND		SEA HT	SMELL		BAR mmb	TEMP °C	REMARKS
			DIR	FORCE		DIR	HT			
15.12.75	0800	105	130	10	25	180 130	20 25	1008.8	15.5	0600hrs v/l hove to on 70 rpm. o/s 090°. 0730hrs reduced to 60 rpm. o/s 105° v/l rolling & pitching heavily. shipping water & spraying o'all.
15.12.75	0920 1359	115 090								1805 increased to 65 rpm.
15.12.75	2400	090	140	9	20	090 140	18 24	1015.1	14.5	02cast/cloudy fine & clear. v/l rolling & pitching heavily. shipping & spraying water o'all.
16.12.75	0800	076	130	9	20	090 130	20 25	1018.3	14.5	0500hrs increased to 70 rpm. 0715 increased to 75 rpm. 0745 a/o 076° Cloudy fine & clear. v/l rolling and pitching heavily. shipping water & spraying.
	0855	067								1115hrs increased to 80 rpm. 1220hrs increased to 90 rpm. 1310hrs increased to 100 rpm. 1905hrs increased to full sea speed.
16.12.75	2400	066	120	5	6	130	12	1027.3	13.0	02cast fine & clear. v/l rolling & pitching moderately. spraying o'all.
17.12.75	0800	066	070	5/6	6	080	12	1026.6	12.0	Cloudy with occ. showers clear, v/l pitching & rolling shipping water for'd.
17.12.75	1600	066	060	5	6	060	10	1026.9	13.5	02cast Occ'sl showers. v/l pitching moderately. shipping spray for'd.
18.12.75	1200	066	050	4	4	070	10	1029.9	9.5	02cast & clear v/l pitching moderately. spraying o'all occ'sly shipping water for'd.
18.12.75	2000	067	050	3	2	070	6	1032.1	9.0	Cloudy fine & clear. v/l pitching. spraying occ'sly for

Chief Officer

Master

Weekly Rates of Pay M.E.F. 2nd January 1973

RATING	Base Rate	Start At	After Years					Full Rate
			1	2	3	4	5	
Carpenter up to 8000 GRT	48.25	48.40	49.40	50.40	51.40	52.40	53.40	53.40
8001-10000	49.82½	49.97½	50.97½	51.97½	52.97½	53.97½	54.97½	54.97½
10001-12000	51.95	52.10	53.10	54.10	55.10	56.10	57.10	57.10
Over 25000	55.62½	55.77½	56.77½	57.77½	58.77½	59.77½	60.77½	60.77½
Bosun up to 8000 GRT	45.62½	46.62½	47.62½	48.62½	49.62½	50.62½	51.62½	51.62½
8001-10000	47.40	48.40	49.40	50.40	51.40	52.40	53.40	53.40
10001-12000	49.47½	50.47½	51.47½	52.47½	53.47½	54.47½	55.47½	55.47½
Over 25000	52.52½	53.52½	54.52½	55.52½	56.52½	57.52½	58.52½	58.52½
A.B.	41.72½	42.72½	43.72½	44.72½	45.72½	46.72½	47.72½	47.72½
E.D.H.	41.72½	41.87½	42.87½	43.87½	44.87½	45.87½	46.87½	46.87½
D.H.U. (20 & Over)	39.07½	39.07½	40.07½	41.07½	42.07½	43.07½	44.07½	44.07½
D.H.U. (19)	35.00	35.00	-	-	-	-	-	35.00
D.H.U. (18) S.O.S.	32.42½	32.42½	-	-	-	-	-	32.42½
J.O.S.	28.80	28.80	-	-	-	-	-	28.80
Dock Boy	22.82½	22.82½	-	-	-	-	-	22.82½
Donkeyman	44.47½	44.47½	45.47½	46.47½	47.47½	48.47½	49.47½	49.47½
E.R. Storekeeper	46.07½	46.07½	47.07½	48.07½	49.07½	50.07½	51.07½	51.07½
E.R.S. Over 12000	42.37½	42.37½	43.37½	44.37½	45.37½	46.37½	47.37½	47.37½
Chief & Ship's Cook	49.82½	49.82½	50.82½	51.82½	52.82½	53.82½	54.82½	54.82½
2nd Cook	41.50	41.50	42.50	43.50	44.50	45.50	46.50	46.50
2nd Steward	41.72½	41.72½	42.72½	43.72½	44.72½	45.72½	46.72½	46.72½
Assistant Steward	41.20	41.20	42.20	43.20	44.20	45.20	46.20	46.20
Catering Boy	-	22.82½	24.12½	27.55	-	-	-	27.55

ALL RATES EXCEPT BASE RATES INCLUDE THE FOLLOWING TICKET PAY OR ALLOWANCES, WHERE APPROPRIATE:

Totl Allowance	-	£0.15 per week
A.B.'s Ticket	-	£1.00 per week
Lifeboat Ticket (EDH)	-	£0.15 per week

THE FOLLOWING ALLOWANCES ARE NOT INCLUDED IN THE TABLE ABOVE, AND SHOULD BE ADDED IF APPLICABLE:

Cook	-	£1.20 for Higher General Cookery Certificate
2nd Cook	-	£0.70 for Part One, Ship's Cook Ticket
		£1.20 for Ship's Cook Ticket (Full)
2nd Steward	-	£0.50 for sailing under Purser/Catering Officer (European Only)
Ratings on Company	-	£0.50 after 2 years
Service Contract	-	£0.50 after 4 years) £1.50 maximum
		£0.50 after 6 years)

ALL FIGURES GIVEN ABOVE REFER TO AMOUNTS PER WEEK

OVERTIME

Bosun, Carpenter & Ch. Cook	£1.43 per hour
Adult Ratings (Deck & Engine)	£1.30½ per hour
Adult Ratings (Catering)	£1.27½ per hour
Ordinary Seamen	£1.09 per hour
Boys	£0.68 per hour

K.G. COLLINS 16.12.77



WEEKLY RATES OF PAY W.E.F. 2ND JANUARY, 1979

RATING	Base Rate	Start At	After Years					Full Rate
			1	2	3	4	5	
Carpenter up to 8000 GRT	52.80	52.95	53.95	54.95	55.95	56.95	57.95	57.95
8001-10000	54.50	54.65	55.65	56.65	57.65	58.65	59.65	59.65
10001-12000	56.82½	56.97½	57.97½	58.97½	59.97½	60.97½	61.97½	61.97½
Over 25000	60.85	61.00	62.00	63.00	64.00	65.00	66.00	66.00
Bosun up to 8000 GRT	49.92½	50.92½	51.92½	52.92½	53.92½	54.92½	55.92½	55.92½
8001-10000	51.85	52.85	53.85	54.85	55.85	56.85	57.85	57.85
10001-12000	54.12½	55.12½	56.12½	57.12½	58.12½	59.12½	60.12½	60.12½
Over 25000	57.47½	58.47½	59.47½	60.47½	61.47½	62.47½	63.47½	63.47½
A.B.	45.65	46.65	47.65	48.65	49.65	50.65	51.65	51.65
E.D.H.	45.65	45.80	46.80	47.80	48.80	49.80	50.80	50.80
D.H.U. (20 & Over)	42.75	42.75	43.75	44.75	45.75	46.75	47.75	47.75
D.H.U. (19)	38.30	38.30	-	-	-	-	-	38.30
D.H.U. (18)	35.47½	35.47½	-	-	-	-	-	35.47½
S.O.S.								
J.O.S.	31.50	31.50	-	-	-	-	-	31.50
Deck Boy	24.97½	24.97½	-	-	-	-	-	24.97½
Donkeyman	48.65	48.65	49.65	50.65	51.65	52.65	53.65	53.65
E.R.S.								
E.R.S. Over 12000 GRT	50.40	50.40	51.40	52.40	53.40	54.40	55.40	55.40
Greaser	46.35	46.35	47.35	48.35	49.35	50.35	51.35	51.35
Chief & Ship's Cook	54.50	54.50	55.50	56.50	57.50	58.50	59.50	59.50
2nd Cook	45.40	45.40	46.40	47.40	48.40	49.40	50.40	50.40
2nd Steward	45.65	45.65	46.65	47.65	48.65	49.65	50.65	50.65
Assistant Steward	45.07½	45.07½	46.07½	47.07½	48.07½	49.07½	50.07½	50.07½
Catering Boy	-	24.97½	26.40	30.15	-	-	-	30.15

ALL RATES, EXCEPT BASE RATES, INCLUDE THE FOLLOWING TICKET PAY OR ALLOWANCES, WHERE APPROPRIATE:

Tool Allowance	-	£0.15 per week
A.B.'s Ticket	-	£1.00 per week
Lifeboat Ticket (EDH)	-	£0.15 per week

THE FOLLOWING ALLOWANCES ARE NOT INCLUDED IN THE TABLE ABOVE AND SHOULD BE ADDED, IF APPLICABLE:

Cook	-	£1.20 for Higher General Cookery Certificate
2nd Cook	-	£0.70 for Part One, Ship's Cook Ticket
		£1.20 for Ship's Cook Ticket (Full)
Ratings on CS Contract	-	£0.50 after 2 years)
		£0.50 after 4 years) £1.50 maximum
		£0.50 after 6 years)

ALL FIGURES GIVEN ABOVE REFER TO AMOUNTS PER WEEK

OVERTIME RATES

Bosun, Carpenter, Donkeyman, ERS & Ch. Cook	£1.56 per hour
Adult Ratings (Deck & Engine)	£1.42½ per hour
Adult Ratings (Catering)	£1.39 per hour
Ordinary Seaman, DHU (under 20)	£1.09 per hour
Boys	£0.74½ per hour

K.G. COLLINS, 12.12.78



dated 9th December 1977

RATINGS -- SCALE FOR CALCULATING LEAVE

Leave at 50 days within a calendar year calculated pro rata to 72 days per year of 365 days served

Period on Crew Agreement :				No. of Days Leave
From		To		
W	D	W	D	
.	3	1	.	1
1	1	1	5	2
1	6	2	3	3
2	4	3	1	4
3	2	3	6	5
4	.	4	4	6
4	5	5	3	7
5	4	6	1	8
6	2	6	6	9
7	.	7	4	10
7	5	8	2	11
8	3	9	.	12
9	1	9	5	13
9	6	10	3	14
10	4	11	1	15
11	2	11	6	16
12	.	12	4	17
12	5	13	2	18
13	3	14	.	19
14	1	14	5	20
14	6	15	3	21
15	4	16	2	22
16	3	17	.	23
17	1	17	5	24
17	6	18	3	25
18	4	19	1	26
19	2	19	6	27
20	.	20	4	28
20	5	21	2	29
21	3	22	.	30
22	1	22	5	31
22	6	23	3	32
23	4	24	1	33
24	2	24	6	34
25	.	25	4	35
25	5	26	3	36

Period on Crew Agreement				No. of Days Leave
From		To		
W	D	W	D	
26	4	27	1	37
27	2	27	6	38
28	.	28	4	39
28	5	29	2	40
29	3	30	.	41
30	1	30	5	42
30	6	31	3	43
31	4	32	1	44
32	2	32	6	45
33	.	33	4	46
33	5	34	2	47
34	3	35	.	48
35	1	35	5	49
35	6	36	3	50
36	4	37	2	51
37	3	38	.	52
38	1	38	5	53
38	6	39	3	54
39	4	40	1	55
40	2	40	6	56
41	.	41	4	57
41	5	42	2	58
42	3	43	.	59
43	1	43	5	60
43	6	44	3	61
44	4	45	1	62
45	2	45	6	63
46	.	46	4	64
46	5	47	3	65
47	4	48	1	66
48	2	48	6	67
49	.	49	4	68
49	5	50	2	69
50	3	51	.	70
51	1	51	5	71
51	6	52	1	72

MV. "INVENTOR" CARGO SYNOPSIS VOYAGE #3.

		PORT SUDAN	ASSAB	DI'STI	ADEN	MOIM	TANZA	DAR ES SALAM	ZAMBIA KHA. D.E.S.	NACALA	TOTALS
1	TWEEN DECK	16	93	15	30	67		4	1		226
	LOWER TWEEN DECK					155		16			171
	LOWER HOLD					66		60	64		190
2	TWEEN DECK	55	81	18		48				2	204
	LOWER TWEEN DECK		97			83		20			200
	LOWER HOLD					79		2	545		626
3	TWEEN DECK	185				131	4	1	1		322
	LOWER HOLD	221		1	9	600	41	400	418	71	1761
4	TWEEN DECK	249	46	127		66	PKGS	23	45		556
	LOWER HOLD	16	312			111		397	407		1243
5	TWEEN DECK	97	3	82	23						205
	LOWER TWEEN DECK			122	30	101		26	7	25	311
	LOWER HOLD							6	312	94	412
	DECK	63	4		2	79		10	38	7	203
	TOTALS	902	636	365	94	1586	45	965	1838	199	6630

TOTAL ON BOARD SAILING BIRKENHEAD 30/7/76 6630 TONS

PORT SUDAN 902 TONS

No 1 T/DK 16 TONS

4 CASES MACHINERY
104 CARTONS PEROXIDE

10 DRUMS SODIUM MONOFLUOROPHOSPHATE
2 PALLETS BEER (OR 10 PALLETS)

No 2 T/DK 55 TONS

178 CASES WHISKY
2 CASES P/EFFECTS
3 CASES SPARES
33 CASES MACHINERY
210 CARTONS MALT EXTRACT

103 BAGS EMPICO
4 BAGS CHINA CLAY
27 CARTONS MEDS
5 CARTONS PAPER ROLLS
6 BUNDLES PIPES

No 3 T/DK 185 TONS

6 CHASSIS CABS
10 BUNDLES WIRE MESH
2 BUNDLES STEEL PLATES

3 PALLETS BAGS GELITE
45 CASES/PIECES/BUNDLES SUGAR FACTORY

No 3 L/HOLD 221 TONS

680 BAGS ALUM SULPHATE
17 WOOD DRUM REELS
30 CASES SPARES
28 PALLETS GLASSWARE
2 U/P CARS
18 CASES MACHINERY

33 PIECES/BUNDLES STEELWORK
10 STEEL CASTINGS & PIPES
6 BUNDLES ANGLES
12 BUNDLES STEEL (POLY WRAPPED)
25 CARTONS TYRE REPAIR MATERIAL

No 4 T/DK 249 TONS

42 BUNDLES WIRE MESH
79 CASES MACHINERY
38 PIECES STEEL MACHINERY PARTS

4 PALLETS CHAIN
2 PALLETS PACKS
2 CASES SPARES

No 4 L/HOLD 16 TONS

66 CASES SPARES

24 CASES AUTO SPARES

No 5 U/T/DK 97 TONS

4 STEEL COG WHEELS
218 BAGS CHINA CLAY
6 PALLETS BAGS RESIN

36 BUNDLES STEELWORK
66 CASES MACHINERY
121 CASES SPARES

ON DECK 63 TONS

No 1 HATCH STARBOARD SIDE
No 2 HATCH STARBOARD SIDE
No 3 HATCH PORT SIDE
No 2 HATCH PORT SIDE
No 3 HATCH COVERS
No 3 HATCH COVERS
No 3 STARBOARD SIDE
No 4 HATCH COVERS

1 CASE FERRIC CHLORIDE
16 CASES FERRIC CHLORIDE
180 DRUMS SULPHURIC ACID
50 DRUMS HYDROCHLORIC ACID
1 PIECE STEELWORK
2 BUNDLES STEELWORK
1 CASE MACHINERY
1 PIECE STEELWORK

NO MAIL FOR DISCHARGE

ASSAB 636 TONS

No 1 U/T/DK 93 TONS

740 DRUMS OIL
610 BAGS CHINA CLAY
27 CARTONS RESIN

9 DRUMS RESIN
6 BAGS CALGON

No 2 U/T/DK 81 TONS

1770 CARTONS OIL
165 CARTONS GREASE

30 ROLL PAPER

No 2 L/T/DK 97 TONS

432 DRUMS OIL
374 CARTONS OIL

35 CARTONS GREASE

No 4 T/DK 46 TONS

88 DRUMS OIL
161 CANS OIL

No 4 L/HOLD 312 TONS

1372 DRUMS OIL
265 CANS OIL

No 5 U/T/DK 3 TONS

85 BUNDLES SPRINGS
1 CASE MACHINERY

DECK CARGO NIL (DISPOSITION LIST INDICATES 4 TONS)
NO MAIL : NO HEAVY LIFTS

DJIBOUTI 365 TONS

No 1 U/T/DK 15 TONS

10 PALLETS CEMENT
176 DRUMS OIL

5 KEGS POWDER

No 2 U/T/DK 18 TONS

500 CARTONS BEER
3 CASES ADVERTS

325 CARTONS WHISKY (IN LOCKER)

No 3 L/HOLD 1 TON

1 FORD ESCORT

No 4 T/DK 127 TONS

1000 CARTONS BEER
800 CARTONS VIMTO
200 CARTONS ICE CREAM POWDER
5 CASES MACHINERY
9 BALES BOOKS

100 CARTONS MARGARINE
41 PIECES TRACTORS
16 CASES GENERAL/SPARES
9 PARCELS BOOKS
50 LOOSE TYRES (IN PORT INNER

No 5 TWEEN DECKS 204 TONS

UPPER EST. 80 TONS

373 DRUMS OIL
238 CARTONS OIL
10 PAILS OIL
100 CARTONS OMC
2 CASES
1 PALLET

LOWER EST. 120 TONS

1442 DRUMS OIL
240 CARTONS OIL
360 CARTONS OMC

NO MAIL : NO DECK CARGO : NO HEAVY LIFTS

ADEN 9 1/2 TONS

No 1 U/T/DK 30 TONS

4 CASES INSULATORS
20 PALLETS VIMPO
19 CASES GENERAL/MACHINERY
5 TRUSSES
18 BUNDLES MOP HEADS
11 DRUMS COMROL

No 2 T/DK ???

1 CASE OF TOOLS (NOTHING SHOWED ON CARGO PLAN)

No 3 L/HOLD 9 TONS

5 LANDROVERS

No 5 TWEEN DECKS 53 TONS

UPPER EST. 23 TONS
217 CYLS ARCTON
??? CASES MACHINERY

LOWER EST. 30 TONS
19 CASES MACHINERY
9 PALLETS BRICKS

NO MAIL : NO HEAVY LIFTS :

DECK CARGO 2 TONS

NO 2 PORTSIDE 3 DRUMS SULPHURIC ACID
NO 1 PORTSIDE 10 CASES BATTERY CELLS

No 4 T/DK 66 TONS

2 CHASSIS
50 CARTONS WASHING LIQUID
12 CASES SPARES & GENERAL
6 CASES TEXTILES
3 PIECES MACHINERY
3 CASES ENGINES
LOCKER (STBD OUTER)
162 CARTONS MILK
130 CARTONS MARGARINE
162 CARTONS MEDS.
75 CARTONS COD LIVER OIL

40 CASES GLASS
6 *T* CHESTS SPARES
7 PALLETS PACKS
4 BUNDLES STEEL
2 PALLETS CORK SHEETS

(PORT INNER)

53 CARTONS MECH. PARTS
35 PKGS SPECIALS
MAIL

(PORT OUTER)

62 CARTONS FISH

No 4 L/HOLD 111 TONS

150 CARTONS SOAP POWDER
327 CARTONS FIBRE GLASS
26 CARTONS DOOR FITTINGS
7 CARTONS BRASS FITTINGS
58 BUNDLES CELANESE
232 SK. CASES E'WARE
170 SK. CASES E'WARE
2 PALLETS BRICKS

10 CARTONS STATIONERY
16 CARTONS PADDING
4 CARTONS PLASTICS
23 TRUSSES CARPETS
15 TRUSSES LATEX FOAM
11 CASES ENGINES
24 BALES ACETATE
102 CASES SPARES/MACHINERY

No 5 I/T/DK 101 TONS

110 DRUMS FLAKE CAUSTIC
8 C.K.D.s
70 DRUMS BARBATAOR
30 CARTONS VERMICELLE
19 DRUMS F/STUFFS
55 CASES E'WARE
4 ROLLS PERMENITE

80 DRUMS GREASE
3 CARS
202 CARTONS I.C.I. FIBRES
10 DRUMS FOUNDERS PASTE
20 DRUMS SODIUM ALGINATE
25 CASES SPARES/ MACHINERY

CENTRE LOCKER 190 PACKAGES SPECIALS

ON DECK 79 TONS

NO 3 HATCH PORT SIDE 1 C.K.D.s
NO 3 STARBOARD SIDE 3 CRATES ACETIC ACID
NO 4 STARBOARD SIDE 8 C.K.D.s
NO 4 HATCH COVERS 2 C.K.D.s
NO 3/4 PORT SIDE 1 LORRY
NO 4 PORT SIDE 1 LORRY
NO 5 STARBOARD SIDE 1 C.K.D.
NO 3 STARBOARD SIDE ... 3 C.K.D.s

MAIL

427 BAGS 3/T/DK 440 BAGS 3/L/HOLD 75 BAGS NO 4 PORT INNER LOCKER

LIST OF HEAVY LIFTS 5,000 KILOS & OVER

<u>MARKS & NOS</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>STOWAGE</u>	<u>WEIG</u>
F S O 55428/1-2	2	LORRIES	DECK	5790
NOTCO 631/453035	1	CASE MACHINERY	I/U/T/DK	5630
36 OTHER ITEMS BETWEEN 2,000 KILOS & 5,000 KILOS				

No 3 B/B 4 TONS

10 CASES
10 CARTONS GENERAL

No 3 L/HOLD 4 TONS

3 PIECES SUGAR ROLLER

No 4 PORT INSIDE LOCKER

4 BAGS MAIL

LIST OF HEAVY LIFTS 2 (100) PACKS IN OVER

<u>MARKS & NOS</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>STOWAGE</u>	<u>WT</u>	
P MOSHI VII TANGA	2713	1	PIECE SUGAR ROLLER	3L/HOLD	1
	2713	1	PIECE SUGAR ROLLER	3L/HOLD	1
	2713	1	PIECE SUGAR ROLLER	3L/HOLD	1

NO DECK CARGO

NAGALA 199 TONS

No 2 U/T/DK 2 TONS

100 CARTONS WHISKY (LOCKER)
2 CASES GENERAL
1 FRAME

No 3 L/HOLD 71 TONS

24 PALLETS ASBESTOS PANELS
160 BAGS ALKATHENE
5 COILS ROPE
1 PALLET HOE HEADS

24 CASES MACHINERY/SPARES
175 BAGS ELTESOL PELLETS
5 STEEL COUPLINGS
4 PACKAGES GENERAL

No 5 L/T/DK 25 TONS

300 BAGS E
46 PACKAGES SPECIALS (LOCKER)
34 BUNDLES STEELWORK

No 5 L/HOLD 9 1/2 TONS

300 BAGS ELTESOL PELLETS
9 CASES MACHINERY
1000 BAGS SULPHONATE
14 CASES GENERAL
1 BUNDLE STEEL

20 DRUMS INSULATING GEAR
67 BAGS ????
20 CASES HOE HEADS
14 HESS. ROLLS

HEAVY LIFT.

B
T MALAWI I 1 CASE CYLINDER 4588 KILOS STOWED 3 L/HOLD

DAR ES SALAM/ZAMBIA 2803 TONS

No 1 U/T/DK 5 TONS

202 PAILS BONDING MATERIAL

No 1 L/T/DK 16 TONS

126 DRUMS DYES/RESINS

No 1 L/HOLD 12 1/2 TONS

136 DRUMS OCTEL

50 DRUMS OIL

95 TRUSSES ASBESTOS

281 CARTONS OIL

No 2 L/T/DK 20 TONS

46 CASKS HOG CASINGS

No 2 DEEP TANKS 547 TONS

8930 POLY BAGS SALT

6 HESS TRUSSES

26 CASES MACHINERY/GENERAL

No 3 T/DK 2 TONS

1 COMPRESSOR

1 GIRDER

No 3 L/HOLD 818 TONS

4500 BAGS SALT

30 CASES BRICKS

6 TRAILERS

61 REELS WIRE ROPE

1 COMPRESSOR

38 BUNDLES CONSTRUCTIONAL STEEL

20 BUNDLES MOTOR SPRINGS

24 VALVES

52 C.K.D'S

23 BUNDLES WHEELS

No 4 T/DK 68 TONS

1800 CARTONS FISH (PORT FRIDGE)

10 WOOD REELS

1 BUNDLE GRATING

No 4 L/HOLD 804 TONS

71 C.K.D'S

60 BUNDLES TYRES

1047 STATION PIPES

4 REELS WIRE ROPE

69 CASES BRICKS

38 BALES CRIMPED ACETATE

40 TRUSSES PLASTIC

20 HESS. BAGS WASHERS

38 COILS WIRE

40 BAGS SYNTHETIC RESIN

4 LOOS

12 STEEL STILLAGES

83 STEEL WEIGHTS

3 PALLETS WASH BASINS

4 DRUMS OIL

288 DRUMS HALFLOG

9 CASES GENERAL

167 DRUMS SHELLFLEX

106 PACKAGES SPECIALS (IN LOCKER)

50 CARTONS MEDS.

25 SK.CASES E'WARE

143 TONS LOOSE PIG IRON

117 CASES MACHINERY/SPARES

37 PALLETS OMO

6 PALLETS LUX

1 VOLVO CAR

92 PIECES STEEL

2 PIECES MACHINERY

20 LOOSE TYRES

3 BUNDLES FRAMES

MAIL (PORT INNER FRIDGE)

6 BUNDLES PIPING

2 PALLETS OF CARTONS

20 BUNDLES FRAMES

3 PIECES MACHINERY

42 BAGS LAGGING

121 CASES RADIUSD SHEETS

66 F/KEGS CHEMICALS

40 LOOSE TYRES

18 BUNDLES STEEL GRATINGS

352 BAGS SCRAP RUBBER

137 CASES MACHINERY/SPARES/GENERAL

11 PALLETS ELECTRIC MOTORS

4 STEEL WHEELS

4 STILL POTS

19 BRICK CRUSHER PARTS

3 DRUMS ???? 12 BAGS ????