ARMSTRONG, FRANK, Capt. O.S. 44th A.G.

COLLINS
SCRIBBLING DIARY
1941

No. 45

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LONDON AND GLASGOW
COLLINS
CLEAR-TYPE PRESS

Col A—

A. P. O. # 875.
August 17, 1942.

Dear Diary:

Raid planned, security perfect.

0800- No one in intelligence or operations know target, number ships or crews to go.

1000-ditto

1200-ditto, but A/C from Polebrook has arrived and telephone there says that it is to accompany our ships.

1300-Raid obviously definitely planned, as miscellaneous Majors and assorted Lt. Colonels appear to be taking over the field. 1310-Large quantities of personnel, many definitely identified as Colonels, and some even thought to be Generals have appeared by air, automobile, and bicycle. The toilet in the control building is also over-flowing. 1330-It is rumored that General Eaker who's presence is now confirmed, knows the target and projected route. When interrogated in the operation room regarding the mission, General Eaker suggests a brisk walk in the sunshine. 1350-It has definitely been determined that some Wing Commander at Polebrook knows the target. 1355-Major Sabin, who has now taken complete charge in every way, suggests that the chairs in the briefing room be dusted.

1400-He dusts them. General Eaker is intending to take part in the projected mission. Capt. Chatt is detailed to give him a lecture on escape. THE TARGET IS DISCLOSED!!! On the pretense of having to know from where the General was to escapt (In order to issue the proper advice and instructions) Capt. Chatt has tricked him into admitting that, he at any rate, intends to attack Rouen. 1430-The reactions to Capt. Chatt's talk were so gratifying that he suggests another lecture to a larger, if less select audience. The entire minor S-2 staff from Polebrook begs leave to attend. 1450-The man from Polebrook who knows the route and details has not arrived yet, so Capt. Chatt is barred from the operations building and it is decided to start the briefing. Capt. Clark is selected by the ranking S-2 officer at Grafton as the man best suited to conduct the briefing. His early training in reading stands him in good stead and is able to convince the flying personnel that Rouen is undoubtedly situated to the South East of Grafton-Underwood. 1452-Colonel Walsh emphatically contradicts the instructions read by Capt. Clark, so the radio operators and Navigators are sent out of the room. 1456-The Wing Commander from Polebrook, who knows the target has arrived. He is Squadron Leader Pack, from Brampton. Take-off being in four minutes it is decided not to ask his opinion for fear of confusing the issue. As it is imperative that the mission be timed in perfect conjunction with the British Authorities, it is decided that is is unnecessary to have Lt. Carroll brief on the weather. All the crews being completely trained in every department of their trade, it is completely obvious that the

navigators should have ample time to plot their course in one minute, and still have three minutes to bycycle to their airplanes.

1527-The first plane is in the air. The British Authorities are telephoned to see that the flight is cleared with them. Their line is busy. 1531-The second ship is air borne. Eleven group has been contacted, but refused permission for the flight. 1533-The magic name of General Eaker has cleared the flight and the mission is underway. 1543-All ships are in the air, radio silence is in effect. 1548-Colonel Armstrong asks for a GDM.

1805*Twelve Fortresses reported returning over the coast. 1806-An undertermined number of newspaper correspondents, who have been instructed to wait at the Officers Mess, arrive in the intelligence room. 1806½-Three Sergeants, 117 sandwiches, ten gallons of coffee, and one case of oranges arrive same place. Total personnel present: ninety-three officers and men, twenty-three correspondents, and the afore mentioned comestibles (capacity of room: twenty-five officers and enlisted men if standing very erect. Fifty-five if furniture is removed.)

1810-It is decided to eject oranges and correspondents; armed guard placed on operations building and briefing room doors. 1855-Airplanes are sighted.

1900-First ship lands. Transportation supposed to be at dispersal points are lined up on parade by the operations building. Drivers cannot be located as they are lost in the crowd around first ship. 1916-Last ship lands. 1925-Major Sabin commences interrogating the crew from Polebrook. Capt. Flack is mistaken for a newspaper man and ejected from briefing room by the armed guard, but readmitted at 1928.

2045-Last Grafton crew interrogated, last General photographed. Major Sabin finally concludes the interrogation of the Polebrook crew.

2300-The crews which undertook the flight express the desire to get drunk. It is discovered, however, that the news men in the brief interval they spent in the mess hall had consumed practically all the whiskey.

2400-The toilet in the control building is still overflowing.

Conclusion: Combat Personnel undefeatable-even against above opposition the mission has been declared a complete success.

C E Dowver
Meridian Miss.

From October 24, 1940
to
Feb. 30, 1941

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LONDON AND GLASGOW

COLLINS

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CALENDAR, 1941.

JANUARY

Sun.	...	5	12	19	26	...
Mon.	...	6	13	20	27	...
Tues.	...	7	14	21	28	...
Wed.	1	8	15	22	29	...
Thur.	2	9	16	23	30	...
Fri.	3	10	17	24	31	...
Sat.	4	11	18	25	...	...

FEBRUARY

Sun.	...	2	9	16	23	...
Mon.	...	3	10	17	24	...
Tues.	...	4	11	18	25	...
Wed.	...	5	12	19	26	...
Thur.	...	6	13	20	27	...
Fri.	...	7	14	21	28	...
Sat.	1	8	15	22	...	...

MARCH

Sun.	...	2	9	16	23	30
Mon.	...	3	10	17	24	31
Tues.	...	4	11	18	25	...
Wed.	...	5	12	19	26	...
Thur.	...	6	13	20	27	...
Fri.	...	7	14	21	28	...
Sat.	1	8	15	22	29	...

APRIL

Sun.	...	6	13	20	27	...
Mon.	...	7	[14]	21	28	...
Tues.	1	8	15	22	29	...
Wed.	2	9	16	23	30	...
Thur.	3	10	17	24	...	...
Fri.	4	[11]	18	25	...	...
Sat.	5	12	19	26	...	...

MAY

Sun.	...	4	11	18	25	...
Mon.	...	5	12	19	26	...
Tues.	...	6	13	20	27	...
Wed.	...	7	14	21	28	...
Thur.	1	8	15	22	29	...
Fri.	2	9	16	23	30	...
Sat.	3	10	17	24	31	...

JUNE

Sun.	1	8	15	22	29	...
Mon.	[2]	9	16	23	30	...
Tues.	3	10	17	24	...	...
Wed.	4	11	18	25	...	...
Thur.	5	12	19	26	...	...
Fri.	6	13	20	27	...	...
Sat.	7	14	21	28	...	...

JULY

Sun.	...	6	13	20	27	...
Mon.	...	7	14	21	28	...
Tues.	1	8	15	22	29	...
Wed.	2	9	16	23	30	...
Thur.	3	10	17	24	31	...
Fri.	4	11	18	25	...	...
Sat.	5	12	19	26	...	...

AUGUST

Sun.	...	3	10	17	24	31
Mon.	...	[4]	11	18	25	...
Tues.	...	5	12	19	26	...
Wed.	...	6	13	20	27	...
Thur.	...	7	14	21	28	...
Fri.	1	8	15	22	29	...
Sat.	2	9	16	23	30	...

SEPTEMBER

Sun.	...	7	14	21	28	...
Mon.	1	8	15	22	29	...
Tues.	2	9	16	23	30	...
Wed.	3	10	17	24	...	...
Thur.	4	11	18	25	...	...
Fri.	5	12	19	26	...	...
Sat.	6	13	20	27	...	...

OCTOBER

Sun.	...	5	12	19	26	...
Mon.	...	6	13	20	27	...
Tues.	...	7	14	21	28	...
Wed.	1	8	15	22	29	...
Thur.	2	9	16	23	30	...
Fri.	3	10	17	24	31	...
Sat.	4	11	18	25	...	...

NOVEMBER

Sun.	...	2	9	16	23	30
Mon.	...	3	10	17	24	...
Tues.	...	4	11	18	25	...
Wed.	...	5	12	19	26	...
Thur.	...	6	13	20	27	...
Fri.	...	7	14	21	28	...
Sat.	1	8	15	22	29	...

DECEMBER

Sun.	...	7	14	21	28	...
Mon.	1	8	15	22	29	...
Tues.	2	9	16	23	30	...
Wed.	3	10	17	24	31	...
Thur.	4	11	18	[25]	...	...
Fri.	5	12	19	[26]	...	...
Sat.	6	13	20	27	...	...

COMMON NOTES FOR THE YEAR 1941.

Golden Number	4
Epact	2
Solar Cycle (year of)	18
Dominical Letter	E
Roman Indiction (year of)	9
Julian Period (year of)	6654
Circumcision	January 1
Epiphany	„ 6
St. Hilary	„ 13
Conversion of St. Paul	„ 25
Mohammedan New Year (A.H. 1360)	„ 29
Purification—Candlemas	February 2
Septuagesima Sunday	„ 9
Valentine's Day	„ 14
Sexagesima Sunday	„ 16
Quinquagesima Sunday	„ 23
St. Matthias	„ 24
Shrove Tuesday	„ 25
Ash Wednesday	„ 26
St. David	March 1
Quadragesima—First Sunday in Lent	„ 2
St. Patrick	„ 17
Annunciation—Lady Day	„ 25
Passion Sunday	„ 30
Palm Sunday	April 6
Maundy Thursday	„ 10
Good Friday	„ 11
Easter Day	„ 13
Primrose Day	„ 19
Low Sunday	„ 20
St. George	„ 23
St. Mark	„ 25
St. Philip and St. James	May 1
Rogation Sunday	„ 18
Ascension Day—Holy Thursday	„ 22
Empire (Victoria) Day	„ 24
Sunday after Ascension	„ 25
Whit Sunday—Pentecost	June 1
Trinity Sunday	„ 8
St. Barnabas	„ 11
Corpus Christi	„ 12
St. John Baptist—Midsummer	„ 24
St. Peter	„ 29
Dominion Day (Canada)	July 1
Independence Day (U.S.A.)	„ 4
St. Swithin	„ 15
St. Mary Magdalene	„ 22
St. James	„ 25
Lammas	August 1
Queen Elizabeth born (1900)	„ 4
Transfiguration	„ 6
St. Matthew	September 21
Jewish New Year (A.M. 5702)	„ 22
St. Michael—Michaelmas	„ 29
St. Luke	October 18
St. Simon and St. Jude	„ 28
All Saints	November 1
Martinmas—Armistice Day	„ 11
St. Andrew	„ 30
First Sunday in Advent	„ 30
King's Accession (1936)	December 11
King George VI. born (1895)	„ 14
St. Thomas	„ 21
Christmas Day (Thursday)	„ 25
St. Stephen (Boxing Day)	„ 26
St. John Evan.	„ 27
Holy Innocents	„ 28

BANK HOLIDAYS, 1941.

England, Northern Ireland and Eire (Ireland).

St. Patrick's Day (Ireland only)	March 17
Good Friday	April 11
Easter Monday	April 14
Whit Monday	June 2
Orangeman's Day (Northern Ireland)	July 12
First Monday in August	August 4
Christmas Day (Thursday)	December 25
Boxing Day	December 26

Scotland.

New Year's Day	January 1
Good Friday	April 11
First Monday in May	May 5
First Monday in August	August 4
Christmas Day	December 25

EXTRA HOLIDAYS AT PUBLIC OFFICES.

STOCK EXCHANGE—January 1.
CUSTOM HOUSE AND PUBLIC DOCK COMPANIES—King's Birthday.
LAW OFFICES—April 15.

QUARTER DAYS.

England, Northern Ireland and Eire (Ireland).		Scotland.	
Lady Day	March 25	Candlemas	February 2
Midsummer	June 24	Whitsunday	May 15
Michaelmas	September 29	Lammas	August 1
Christmas	December 25	Martinmas	November 11

LAW SITTINGS.

Hilary	January 11 to April 9
Easter	April 22 to May 30
Trinity	June 10 to July 31
Michaelmas	October 13 to December 20

LAW (Dining) TERMS.

Hilary	January 11 to January 31
Easter	April 22 to May 19
Trinity	June 10 to June 30
Michaelmas	November 2 to November 25

LAW VACATIONS.

Christmas	December 24 to January 6
Easter	April 11 to April 15
Whitsun	May 31 to June 3
Long	August 1 to October 11

COURT OF SESSION, Edinburgh.

SESSIONS:
January 7 to March 29. May 6 to July 19.
October 14 to December 20.

UNIVERSITY TERMS.

Oxford (Full Terms).

Hilary	January 19 to March 15
Trinity	April 27 to June 21
Michaelmas	October 12 to December 6

Cambridge (Full Terms).

Lent	January 14 to March 14
Easter	April 18 to June 9
Michaelmas	October 7 to December 5

HIGH WATER—LONDON BRIDGE, 1941.

(Summer Time Act, 1925 : One hour is added during period April 20 to October 5)

Day	January		February		March		April		May		June	
	Morn.	Aft.	Morn.	Aft.	Morn.	Aft.	Morn.	Aft.	Morn.	Aft.	Morn.	Aft.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
1	3 48	4 20	4 42	5 10	3 45	4 15	4 20	4 41	5 27	5 43	6 30	6 40
2	4 25	4 58	5 15	5 44	4 16	4 43	4 51	5 10	6 2	6 18	7 18	7 31
3	5 1	5 38	5 51	6 19	4 45	5 11	5 24	5 43	6 41	6 59	8 15	8 34
4	5 40	6 22	6 30	7 0	5 16	5 41	6 2	6 23	7 30	7 51	9 25	9 48
5	6 25	7 8	7 17	7 49	5 51	6 17	6 50	7 17	8 30	8 57	10 40	11 4
6	7 15	7 59	8 15	8 53	6 32	7 0	7 54	8 28	9 46	10 18	11 50	—
7	8 15	9 1	9 30	10 12	7 24	7 57	9 16	9 54	11 12	11 40	12 12	12 52
8	9 26	10 10	10 50	11 26	8 32	9 12	10 44	11 15	—	12 26	1 11	1 44
9	10 39	11 16	—	12 1	9 56	10 37	11 59	—	12 46	1 22	2 3	2 32
10	11 44	—	12 26	12 55	11 21	11 53	12 18	12 54	1 39	2 8	2 53	3 19
11	12 14	12 36	1 14	1 41	—	12 29	1 6	1 39	2 26	2 53	3 43	4 6
12	12 55	1 19	1 56	2 25	12 50	1 21	1 48	2 21	3 12	3 38	4 32	4 50
13	1 36	2 0	2 37	3 8	1 34	2 4	2 31	3 3	3 59	4 22	5 18	5 33
14	2 15	2 41	3 18	3 50	2 15	2 47	3 17	3 46	4 45	5 6	6 3	6 16
15	2 54	3 22	3 59	4 31	2 57	3 29	4 1	4 29	5 31	5 51	6 50	7 2
16	3 32	4 3	4 41	5 11	3 40	4 10	4 46	5 10	6 18	6 37	7 41	7 53
17	4 12	4 45	5 24	5 54	4 21	4 50	5 32	5 56	7 8	7 27	8 37	8 50
18	4 53	5 28	6 11	6 41	5 4	5 32	6 23	6 49	8 4	8 26	9 39	9 57
19	5 38	6 14	7 3	7 36	5 51	6 17	7 24	7 55	9 11	9 36	10 48	11 7
20	6 29	7 6	8 6	8 45	6 42	7 9	9 40	10 16	10 27	10 54	11 54	—
21	7 26	8 7	9 26	10 10	7 42	8 17	11 7	11 40	11 43	—	12 10	12 49
22	8 35	9 19	10 54	11 31	9 3	9 45	—	12 26	12 5	12 45	1 3	1 33
23	9 55	10 38	—	12 9	10 35	11 10	12 47	1 25	1 1	1 33	1 48	2 11
24	11 13	11 49	12 35	1 7	11 53	—	1 36	2 9	1 45	2 10	2 27	2 46
25	—	12 19	1 25	1 54	12 16	12 52	2 16	2 45	2 22	2 43	3 5	3 21
26	12 47	1 15	2 6	2 34	1 5	1 37	2 50	3 15	2 55	3 14	3 42	3 55
27	1 36	2 3	2 42	3 10	1 45	2 14	3 22	3 45	3 29	3 46	4 20	4 32
28	2 20	2 46	3 14	3 43	2 19	2 47	3 53	4 14	4 3	4 17	4 58	5 7
29	2 59	3 26	—	—	2 51	3 17	4 25	4 44	4 38	4 51	5 38	5 45
30	3 36	4 3	—	—	3 23	3 46	4 56	5 13	5 13	5 23	6 20	6 27
31	4 10	4 38	—	—	3 52	4 13	—	—	5 49	5 58	—	—

Day	July		August		September		October		November		December	
	Morn.	Aft.	Morn.	Aft.	Morn.	Aft.	Morn.	Aft.	Morn.	Aft.	Morn.	Aft.
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
1	7 7	7 17	8 37	8 55	10 32	11 13	11 38	—	12 8	12 17	12 20	12 30
2	8 0	8 15	9 41	10 7	11 55	—	12 22	12 50	12 53	12 58	1 0	1 10
3	9 0	9 21	10 54	11 26	12 33	1 5	1 26	1 42	1 29	1 34	1 33	1 45
4	10 8	10 35	—	12 8	1 37	1 59	2 13	2 22	2 1	2 6	2 3	2 17
5	11 21	11 48	12 41	1 14	2 27	2 44	2 52	1 57	2 31	2 38	2 33	2 51
6	—	12 28	1 44	2 8	3 11	3 23	2 27	2 31	3 0	3 10	3 4	3 24
7	12 52	1 24	2 36	2 56	3 50	3 58	2 59	3 4	3 28	3 42	3 34	3 57
8	1 49	2 17	3 24	3 39	4 25	4 40	3 29	3 36	3 56	4 13	4 5	4 33
9	2 43	3 5	4 8	4 18	4 59	5 2	3 58	4 5	4 26	4 47	4 39	5 11
10	3 33	3 52	4 49	4 55	5 31	5 33	4 25	4 35	4 58	5 25	5 18	5 55
11	4 20	4 35	5 27	5 29	6 1	6 4	4 54	5 8	5 36	6 10	6 4	6 49
12	5 5	5 16	6 2	6 3	6 32	6 39	5 27	5 46	6 25	7 9	7 1	7 54
13	5 47	5 55	6 38	6 39	7 8	7 20	6 8	6 35	7 30	8 25	8 12	9 8
14	6 29	6 35	7 15	7 20	7 51	8 11	7 1	7 37	8 50	9 50	9 31	10 23
15	7 12	7 17	7 55	8 5	8 45	9 17	8 10	8 57	10 13	11 6	10 45	11 26
16	7 57	8 3	8 40	9 0	9 57	10 39	9 35	10 26	11 21	—	11 47	—
17	8 45	8 56	9 39	10 9	11 20	—	10 56	11 39	12 3	12 14	12 19	12 41
18	9 42	10 1	10 51	11 27	12 2	12 34	11 57	—	12 49	1 0	1 6	1 30
19	10 49	11 12	—	12 6	1 8	1 29	12 33	12 43	1 32	1 46	1 52	2 20
20	11 55	—	12 40	1 8	1 59	2 13	1 18	1 26	2 15	2 34	2 41	3 11
21	12 18	12 52	1 37	1 56	2 42	2 52	1 59	2 9	2 59	3 21	3 28	3 59
22	1 14	1 40	2 24	2 38	3 23	3 32	2 40	2 54	3 43	4 7	4 11	4 45
23	2 2	2 22	3 6	3 16	4 4	4 13	3 21	3 38	4 27	4 56	4 55	5 33
24	2 44	3 0	3 47	3 56	4 45	4 55	4 2	4 22	5 13	5 47	5 42	6 24
25	3 25	3 37	4 30	4 36	5 26	5 38	4 44	5 8	6 4	6 43	6 33	7 18
26	4 4	4 15	5 11	5 15	6 7	6 22	5 29	6 0	7 3	7 51	7 28	8 18
27	4 45	4 54	5 51	5 57	6 51	7 12	6 22	7 1	8 15	9 10	8 32	9 25
28	5 26	5 32	6 33	6 42	7 43	8 13	7 27	8 16	9 33	10 27	9 45	10 34
29	6 8	6 13	7 18	7 32	8 48	9 29	8 48	9 44	10 46	11 31	10 54	11 34
30	6 53	7 0	8 11	8 31	10 10	10 59	10 12	11 6	11 44	—	11 53	—
31	7 42	7 53	9 13	9 45	—	—	11 23	—	—	—	12 21	12 42

CALENDAR NOTES FOR THE YEARS 1940-1944.

	1940 L'p Yr.	1941	1942	1943	1944 L'p Yr.
Golden Number ..	3	4	5	6	7
Epact	21	2	13	24	5
Solar Cycle	17	18	19	20	21
Dominical Letter (or Letters)	GF	E	D	C	BA
Julian Period (year)	6653	6654	6655	6656	6657
January 1	Mon.	Wed.	Thur.	Fri.	Sat.
Sundays after Epiphany	2	4	3	6	4
February 1	Thur.	Sat.	*Sun.*	Mon.	Tues.
Ash Wednesday ..	Feb. 7	Feb. 26	Feb. 18	Mar. 10	Feb. 23
First Sunday in Lent	Feb. 11	Mar. 2	Feb. 22	Mar. 14	Feb. 27
March 1	Fri.	Sat.	*Sun.*	Mon.	Wed.
Mid-Lent Sunday ..	Mar. 3	Mar. 23	Mar. 15	April 4	Mar. 19
April 1	Mon.	Tues.	Wed.	Thur.	Sat.
Palm Sunday	Mar. 17	April 6	Mar. 29	April 18	April 2
Good Friday	Mar. 22	April 11	April 3	April 23	April 7
Last Day of Lent ..	Mar. 23	April 12	April 4	April 24	April 8
Easter Monday ..	Mar. 25	April 14	April 6	April 26	April 10
May 1	Wed.	Thur.	Fri.	Sat.	Mon.
Bank Holiday (Scot.)	May 6	May 5	May 4	May 3	May 1
Ascension Day ..	May 2	May 22	May 14	June 3	May 18
Whit Monday ..	May 13	June 2	May 25	June 14	May 29
Trinity Sunday ..	May 19	June 8	May 31	June 20	June 4
Sundays after Trinity	27	24	25	22	25
June 1	Sat.	*Sun.*	Mon.	Tues.	Thur.
July 1	Mon.	Tues.	Wed.	Thur.	Sat.
August 1	Thur.	Fri.	Sat.	*Sun.*	Tues.
August Bank Holiday	5	4	3	2	7
September 1	*Sun.*	Mon.	Tues.	Wed.	Fri.
Jewish New Year ..	Oct. 3	Sept. 22	Sept. 12	Sept. 30	Sept. 18
October 1	Tues.	Wed.	Thur.	Fri.	*Sun.*
November 1	Fri.	Sat.	*Sun.*	Mon.	Wed.
Advent Sunday ..	Dec. 1	Nov. 30	Nov. 29	Nov. 28	Dec. 3
December 1	*Sun.*	Mon.	Tues.	Wed.	Fri.
Christmas Day ..	Wed.	Thur.	Fri.	Sat.	Mon.
December 31	Tues.	Wed.	Thur.	Fri.	*Sun.*

NOTE.—The Table may be used to fix the day of the week on which any day in 1940-1944 falls. Thus, if we require the day of the week corresponding to May 10, 1942, we see that May 1 is Friday; May 8 must also be Friday, and so May 10 is Sunday.

SIGNS OF THE ZODIAC.

♈ Aries, the Ram.	♎ Libra, the Scales.
♉ Taurus, the Bull.	♏ Scorpio, the Scorpion.
♊ Gemini, the Twins.	♐ Sagittarius, the Archer.
♋ Cancer, the Crab.	♑ Capricornus, the Goat.
♌ Leo, the Lion.	♒ Aquarius, the Waterman.
♍ Virgo, the Virgin.	♓ Pisces, the Fishes.

TABLE Showing Difference between HIGH WATER at LONDON BRIDGE and OTHER PLACES.

PLACE.	Diff.	PLACE.	Diff.	PLACE.	Diff.	PLACE.	Diff.	PLACE.	Diff.	PLACE.	Diff.
	h.m.		h.m.		h.m.		h.m.		h. m.		h.m.
Aberdeen	sub. 0 50	Boulogne	sub. 2 42	Dartmouth	add 4 32	Gravesend	sub. 2 4	Lowestoft	sub. 4 26	Scarb'rough	add 2 15
Arbroath	sub. 0 13	Bournem'th	add 7 5	Deal	sub. 2 49	Greenock	sub. 1 22	Margate	sub. 1 47	Sligo	add 3 59
Ardrossan	sub. 1 50	Brest	add 2 6	Devonport	add 3 51	Ham'ersmith	add 0 40	Morecambe	sub. 2 20	South'mpt'n	sub. 2 57
Ayr	sub. 1 49	Bridgwater	add 6 14	Douglas	sub. 2 35	Hartlepool	add 1 35	Newcastle	add 1 22	Southend	sub. 1 30
Banff	sub. 1 20	Bridlington	add 2 42	Dover	sub. 2 39	Harwich	sub. 2 4	Newhaven	sub. 2 44	Stonehaven	sub. 0 39
Bantry	add 2 27	Brighton	sub. 2 42	Dublin	sub. 2 21	Holyhead	sub. 3 30	Newport,M.	add 5 24	Stornoway	add 4 53
Barmouth	add 6 4	Bristol	add 5 30	Dumbarton	sub. 1 20	Hull	add 4 23	Nore Light	sub. 1 31	Swansea	add 4 20
Barnstaple	add 4 46	Calais	sub. 2 21	Dundee	add 0 46	Ilfracombe	add 4 0	Oban	add 3 50	Teddington	add 1 27
Barrow	sub. 2 34	Cardiff	add 5 4	Eastbourne	sub. 2 46	Ipswich	sub. 1 51	Pembroke	add 4 28	Thurso	sub. 5 15
Barry	add 5 0	Cardigan	add 5 22	Falmouth	add 3 19	Kew	add 0 55	Peterhead	sub. 1 17	Waterford	add 4 36
Belfast	sub. 2 59	Chatham	sub. 1 15	Fleetwood	sub. 2 33	Leith	add 0 43	Plymouth	add 3 55	Weymouth	add 5 13
Berwick	add 0 28	Chelsea	add 0 20	Folkestone	sub. 2 42	Lerwick	sub. 2 47	Port Glas'w	sub. 1 30	Whitby	add 1 50
Birkenhead	sub. 2 30	Cork	add 3 29	Fulham	add 0 30	Limerick	add 4 47	Portsmouth	sub. 2 24	Wick	sub. 2 24
Blyth	add 1 23	Cowes	sub. 2 17	Galway	add 3 14	Liverpool	sub. 2 29	Ramsgate	sub. 2 26	Wigtown	sub. 2 10
Boston	add 4 34	Cromarty	sub. 1 50	Glasgow	sub. 0 52	Londonderry	sub. 5 26	Richmond	add 1 11	Yarmouth	sub. 4 50
		Cromer	add 4 57								

EXAMPLE.—On January 5, 1941, High Water occurs at LONDON BRIDGE at 6.25 a.m. and 7.8 p.m. Now for Aberdeen the difference is 0 hrs. 50 min., to be subtracted. Therefore at ABERDEEN on the same day High Water occurs at 5.35 a.m. and 6.18 p.m.

Allowance must be made for Summer Time in the case of foreign ports.

POSTAL INFORMATION (*Correct when going to press.*)

GREAT BRITAIN AND NORTHERN IRELAND AND TO EIRE (IRELAND) (with the exceptions shown).—INLAND.

Letters.—Not over 2 oz., 2½d.; every additional 2 oz. or fraction, ½d. Size limits, 2 × 1½ × 1½ feet; to Eire (Ireland) 2 × 1 × 1 feet. Same rates to H.M. Forces at Home and H.M. ships in Home Waters.

Letters and parcels for personnel serving in H.M. Ships (including Transport, Royal Fleet Auxiliaries and vessels taken up for Naval Service must be addressed to the name of the ship, "c/o G.P.O., London, E.C.1."

Letter Cards.—2d. each, 6 for 11d., 10 for 1s. 6d.

Post Cards.—The rate of Postage is 2d.; on every Reply Post Card, 4d.

Books of Stamps, containing thirty-four 1½d., six 1d., and six ½d. stamps, price, 5s.; containing eighteen 1½d., six 1d., and six ½d. stamps, price 3s.; containing ten 1½d., six 1d., and six ½d. stamps, price 2s.

Printed Paper Post may be used for written or printed matter not in the nature of a letter, but documents such as Invoices, Bills of Lading, Circulars, Deeds and Agreements, Manuscripts for Press, Sketches and Photographic Prints, Christmas, New Year, Easter and Birthday Cards, and Picture Post Cards with not more than five words of greeting are allowable. Packets must be open to inspection. Size limits: 2 × 1½ × 1½ feet; to Eire (Ireland) 2 × 1 × 1 feet. Up to 2 oz., 1d.; each additional 2 oz. up to 2 lb., ½d.

Certificates of Posting of unregistered correspondence (other than parcels), ½d. each.

Railway Letters (U.K.).—Single Letters, not over 1 lb., can be sent by most Railways for immediate delivery at ordinary postage rates plus a fee of 3d. for 2 oz., 6d. for 4 oz. and 9d. for 1 lb. Letters will be forwarded by next available train or ship and delivered by postman.

Prepayment of Postage in Money.—At certain Post Offices Inland Postal Packets may be prepaid in money, provided rates chargeable are uniform and the amount paid is not less than 10s.

Newspapers (registered).—Postage is 1½d. each newspaper not exceeding 4 oz. in weight; every additional 4 oz., ½d. A packet of two or more newspapers is not chargeable with a higher rate than that for a Printed Paper of the same weight. Limits: weight, 2 lb.; size, 2 × 1½ × 1½ feet; to Eire (Ireland), 2 × 1 × 1 feet. Newspapers not registered are treated as Printed Papers.

The name and address of sender, the words "with compliments," a reference to any place in the newspaper, and a request for return, in case of non-delivery, may be written on newspaper.

Business Reply Cards and Envelopes (not to Eire (Ireland)).—Intended for use without prepayment of return postage. A licence must be obtained from the Post Office and a deposit on account is required in respect of charges. A fee of ½d. in addition to the ordinary postage is charged on each card or envelope returned by post.

Samples.—1½d. for the first 4 oz.; ½d. each additional 2 oz. up to 8 oz. (No service to Eire (Ireland).)

Parcels for H.M. Forces.—Posted in the United Kingdom and intended for members of H.M. Army and Air Force serving in all stations oversea and for H.M. Ships in Foreign Waters. Parcels not exceeding 3 lb., 9d.; over 3 lb. and up to 7 lb., 1s. 6d.; over 7 lb. and up to 11 lb., 2s.; over 11 lb. and up to 22 lb., 3s. 6d. It should be noted particularly that inland rates are still applicable to parcels for H.M. Ships believed to be in Home Waters.

Parcels.—Not exceeding 3 lb., 6d.; each additional lb. to 8 lb., 1d.; over 8 lb. to 15 lb., 1s. Limits: weight, 15 lb.; length, 3½ ft.; length and girth combined, 6 ft. The rates for Parcels addressed to Eire (Ireland) are: not over 2 lb., 6d.; 5 lb., 9d.; 8 lb., 1s.; 11 lb. (limit), 1s. 3d.

Cash on Delivery Service.—The fees (additional to the ordinary parcel postage) are for a trade charge of 10s., 4d.; £1, 6d.; £2, 8d.; £5, 10d.; £10, 1s.; and 2d. for each additional £5 or fraction up to £40. The C.O.D. Service has been extended to the Registered Letter Post and Railway consignments. The service does not apply to Eire (Ireland) in either direction.

Compensation for damage or loss of registered letters and parcels:—Fee 3d., £5; 4d., £20; 5d., £40; and for every additional 1d. fee an increased rise of £20 in compensation up to a limit of £400 on any one packet. On unregistered parcels the maximum compensation is £3 (to or from Eire (Ireland) £2). Certificates of posting should be produced.

Express Services.—The following services are available: (1) Express conveyance of an article or articles all the way by Post Office Messenger on week-days only. The charge is 6d. per mile or part of a mile, with 1d. for each additional packet beyond the first. Ordinary postage is not charged. (2) Special delivery by messenger of a postal packet after its arrival at the delivery office at the request of sender. The charge is full postage and special delivery fee of 6d. (3) Delivery by express messenger of postal packets of any kind in advance of the ordinary delivery at the request of addressee. The charge is 6d. per mile for one packet and 1d. for every additional ten or less number, beyond the first. (4) Delivery of a letter by special messenger after transmission by telephone. The charge is 3d. for 30 words, and 1d. for each 10 words in excess of 30, plus telephone call fee and 6d. per mile or part thereof. (5) Special delivery on Sunday of a letter or postal packet (not parcel) is available at London and certain provincial towns. The charge is a special fee of 1s. 6d., plus the full ordinary postage. For delivery in Dublin and Cork an additional fee for every mile beyond the first is charged.

Telegrams.—9 words, 9d. (to Eire (Ireland), 12 words, 1s. 6d.); every additional word, 1d. Priority service, U.K. only 6d. per message extra. Names and addresses are charged for. Free delivery within 3 miles (Eire (Ireland), 1 mile) of the Delivery Office nearest the address called the Terminal Office; 6d. per mile or part of a mile beyond: 3d. in Eire (Ireland). Telegrams for personnel serving in H.M. Ships must be addressed to the name of the Ship, "c/o G.P.O., London, E.C.1."

Night Telegraph Letters.—Telegrams for delivery by post or by special messenger early the next morning may be sent to addresses in Gt. Britain and Northern Ireland, also to Cobh, Cork and Dublin. Rate: 36 words, 1s. 3d. (Eire (Ireland), 1s. 6d.) and 1d. for every additional 3 words.

Trunk Telephone Rates.—The respective charges for Day (5 a.m. to 7 p.m.) and Night (7 p.m. to 5 a.m.) Services in and between Great Britain, Northern Ireland and Channel Islands are: 15 to 20 miles 8d. and 5d.; 20 to 25 miles, 10d., and 6d.; 25 to 35 miles 1s. 2d. and 7d.; 35 to 50 miles, 1s. 5d. and 10d.; 50 to 75 miles, 1s. 9d. and 1s. 2d.; 75 to 125 miles, 2s. 4d. and 1s. 2d.; over 125 miles, 2s. 11d. and 1s. 2d. Call Box Fee, 2d. extra. Extra charges are payable when submarine cables are required to connect a call. Charges for calls to Eire (Ireland) differ fom above.

Telephone and Telegraph Combined Delivery.—Telephone subscribers' circuits and public telephone call offices may be used for the dictation of messages to telegraph offices for onward transmission as telegrams subject to certain conditions.

Telegrams may also be delivered to telephone subscribers by telephone, and may be addressed to subscribers' telephonic addresses.

Sunday Delivery of Letters by Telephone in London.—Messages to subscribers, from London or the Provinces posted in time to be received at the General Post Office, London, early on Sunday morning should be stamped and addressed to Central Telegraph Office, London, E.C.1, marked "For telephone delivery on Sunday." 30 words, 3d., and 3d. each succeeding 30 words or part thereof, to be paid by sender.

Money Orders.—Sums not exceeding £3, 4d.; £10, 6d.; £20, 8d.; £30, 10d.; £40 (limit), 1s.; also applicable to Money Orders sent to Eire (Ireland).

Telegraph Money Orders.—Money (not over £40 for one order) may be sent by Telegraph Money Order at same rate as for Ordinary Inland Money Orders, plus a supplementary fee of 2d. and cost of official Telegram of Advice.

Postal Orders.—Poundage: 6d. and 1s., 1d.; 1s. 6d. to 5s., 1½d.; 6s. to 21s., 2d. Broken amounts may be made up by Current British Postage Stamps, not exceeding 5d. and two in number, affixed to the face of any one Postal Order. British Postal orders are issued and paid in most British Possessions and Protectorates, and are paid at post offices in Eire (Ireland).

Registration Fee.—3d. for all correspondence.

Advice of Delivery (for registered articles), 3d.

Blind Literature.—2 lb., ½d.; 5 lb., 1d.; 8 lb., 1½d.; 11 lb. (maximum), 2d. To Eire (Ireland), 2 lb., ½d.; 5 lb., 1d.; 6½ lb. (maximum), 1½d.

GREAT BRITAIN AND NORTHERN IRELAND. IMPERIAL AND FOREIGN.

Letters.—By air, to East and South Africa, Aden, Burma, Ceylon, Egypt, India, Malay States, Palestine, Straits Settlements, Transjordan and certain other countries, 1s. 3d. per ½ oz. An air mail label should be affixed. By surface route to British Empire countries and Mandated Territories (except Transjordan), U.S.A., the British Post Offices in Morocco, not over 1 oz., 2½d., every additional oz., 1d. To H.M. Forces and H.M. Ships of War abroad, the rate is, not over 1 oz., 1½d., every additional oz., 1d. To all other places abroad (including Iraq) the rate is, not over 1 oz., 3d.; every additional oz., 1½d.

Post Cards.—To British Possessions generally, territories under British Mandate, the United States of America, Egypt, the British Postal Agencies in Morocco, and all other places abroad, 2d.; reply paid, 4d. To H.M. Forces and Ships abroad, 1d.; reply 2d.

Printed Papers (Newspapers, Books, Music, Photographs, etc.).—½d. per 2 oz.

Commercial Papers.—2½d. for the first 10 oz.; each additional 2 oz., ½d.

Samples.—1d. for the first 4 oz.; each additional 2 oz., ½d.

Blind Literature.—2 lb., ½d.; 5 lb., 1d.; 8 lb., 1½d.; 11 lb., 2d.

Magazine Post for Canada and Newfoundland.—Newspapers, Magazines and Trade Papers (duly registered) may be sent at the following rates: not over 2 oz., ½d.; 2 oz. to 6 oz., 1d.; 6 oz. to 1½ lb., 1½d.; and ½d. each ½ lb. up to 5 lb., 5d. (limit). Size limits, 2 × 1½ × 1½ feet.

Registration Fee.—3d. for all correspondence (except parcels and magazine post packets for Canada and Newfoundland).

Insurance Fee (for letters, boxes, or parcels).—5d. for £12, and 2d. every additional £12 (extreme limit, £400).

Reply Coupons for prepaying replies to letters, 3d. each, British Empire: 6d. each, foreign.

International Express Service.—Prepaid charge, 6d. in addition to postage.

Cash on Delivery Service.—Used for the remittance by the recipient to the sender by Money Order of the value of articles sent between Great Britain and Northern Ireland and certain places abroad. The "Trade Charge," *i.e.*, the amount to be collected under the system, must not exceed £40.

Parcels.—Australia, 1 lb., 1s. 4d.; 6d. each additional 1 lb. up to 11 lb. Canada, 3 lb., 2s. 3d.; 7 lb., 4s. 3d.; 11 lb., 6s.; 22 lb., 9s. Egypt, 3 lb., 2s.; 7 lb., 3s. 6d.; 11 lb., 4s. 6d.; 22 lb., 7s. 3d. India, 3 lb., 2s.; 7 lb., 3s. 9d.; 11 lb., 5s. 3d.; 22 lb., 8s. 3d. Jamaica, 3 lb., 1s. 6d.; 7 lb., 3s.; 11 lb., 4s.; 22 lb., 6s. 6d. South African Union, 9d. per lb. up to 11 lb. United States, 3 lb., 2s.; 7 lb., 3s. 9d.; 11 lb., 5s. 9d.; 22 lb., 9s. 9d.

Money Orders.—Not exceeding £1, 6d.; £2, 1s.; £3, 1s. 6d.; £4, 1s. 9d.; and 3d. for each additional £1 up to £10: Egypt, A.E. Sudan and Iraq, £40. For Eire (Ireland) see Inland.

Telegraph Money Orders.—Same rates as for ordinary Imperial and Foreign Money Orders plus cost of official Telegram of Advice, and a supplementary fee as follows: Foreign countries (except Cuba, Egypt, and Iraq) and Newfoundland, 6d. The British Empire (except Canada and Newfoundland), Egypt, Iraq, Palestine, and Tanganyika Territory, 1s. Canada, 6d. ordinary; 1s. deferred. Cuba, 4s. 8d.

Radio Telegrams to Ships at Sea.—The charges per word are (1) to British ships, addressed "Wireless" or routed "via Portishead Radio" or via any British coast station, except Rugby Radio: 8d. for liners and ocean-going cargo boats; 4d. for short-voyage ships and trawlers. (2) To British ships via Rugby Radio, 1s. (3) To H.M. ships via Cleethorpes Radio, 3d.; Portishead Radio, 5d.; Rinella Radio, 5½d.; Gibraltar Radio, 4½d.

EIRE (IRELAND)—INLAND.

(Eireann Inland Services embrace Great Britain and Northern Ireland.)

Letters.—Not over 3 oz., 2d.; every additional oz. or fraction, ½d.

Letter Cards.—2½d. each; 6 for 1s. 2½d.; 10 for 2s.

Printed Papers.—Not over 2 oz., ½d., every additional 2 oz., ½d. up to 2 lb.

Post Cards.—Single, 1d.; reply paid, 2d.

Newspapers.—1d. not over 6 oz. (per copy); ½d. each additional 6 oz. up to 2 lb.

Prepayment of Postage in Money may be made at certain Post Offices; the rates must be uniform and the amount not less than £1.

Certificates of Posting of unregistered correspondence (other than parcels), ½d. each.

Compensation for damage or loss of registered letters and parcels.—Fees and compensation the same as Great Britain and Northern Ireland (Inland).

Blind Literature.—Rates: 2 lb., ½d.; 5 lb., 1d.; 8 lb., 1½d. 11 lb., 2d.

Railway Letters.—Maximum weight, 3 oz. Fee (additional to postage), 3d.

Parcels.—Posted in Eire (Ireland), for delivery therein: 2 lb., 6d.; 3 lb., 7d.; 4 lb., 8d.; 5 lb., 9d.; 6 lb., 10d.; 7 lb., 11d.; 11 lb. (max.), 1s. Posted in Eire (Ireland) for delivery in Great Britain or Northern Ireland: 2 lb., 6d.; 5 lb., 9d.; 8 lb., 1s.; 11 lb. (max.), 1s. 3d. Parcels sent to or from Great Britain or to or from Northern Ireland are liable to Customs examination, and must be accompanied by an adhesive Customs declaration. A delivery fee of 6d. is levied on each packet (with some exceptions) received within Eire (Ireland) from any place outside Eire (Ireland), provided the parcel is not liable to Customs duty.

Cash on Delivery Service (within Eire (Ireland) only).—Fees: not exceeding £1, 6d.; £2, 9d.; £5, 1s.; £10, 1s. 6d.; £15, 2s.; £20 (max.), 2s. 6d.

Express Delivery Service.—Four services: (1) by special messenger at request of sender (*a*) locally, or (*b*) after transmission by post; (2) by special messenger at request of addressee in advance of ordinary delivery; (3) express delivery on Sundays after transmission by post; (4) special messenger after transmission by telephone.

Telegrams.—To a place in Eire (Ireland) first 9 words, 1s.; to Great Britain or Northern Ireland, first 12 words, 1s. 6d.; every additional word, 1d. Free delivery within 1 mile of the receiving office, or within the town postal delivery area.

Postal Information—*Continued.*

Night Telegraph Letters.—For 36 words or less, 1s. 6d.; additional words, 1d. for 3.

Trunk Telephone Rates.—From 7½ to 10 miles, 3d.; 10 to 12½, 4d.; 12½ to 15, 5d.; 15 to 20, 7d.; 20 to 25, 9d., increasing to 2s. 6d. for Eire (Ireland) and to 4s. for Great Britain, Northern Ireland and the Isle of Man. Rates are lower from 7 p.m. to 9 a.m. (for 6 minutes up to 10 miles) and the maximum charge is 1s. Extra fee to Great Britain.

Postal Orders.—Poundage, 1d. up to 2s. 6d.; 1½d. from 3s. to 15s.; 2d. from 16s. to 21s.

Money Orders.—Rates the same as Great Britain and Northern Ireland (Inland).

EIRE (IRELAND). FOREIGN.

Letters.—To British Dominions and Possessions, Eygpt and U.S.A., not over 1 oz., 2d.; every additional oz., 1½d. To all other places abroad not over 1 oz., 3d.; every additional oz., 1½d.

Post Cards.—Single, 1½d.; Reply, 3d.

Printed Papers (Newspapers, Books, etc.).—½d. per 2 oz.

Commercial Papers.—3d. for the first 12 oz.; each additional 2 oz., ½d.

Samples.—1d. for the first 4 oz., each additional 2 oz., ½d.

Magazine Post for Canada and Newfoundland.—Rates the same as Great Britain and Northern Ireland (Imperial and Foreign).

Registration Fee.—3d. for all correspondence (except parcels and magazine post packets for Canada and Newfoundland).

Insurance Fee (Letters, etc.).—6d. for £12; 8d. for £24, increasing by 3d. to 8s. 5d. for £396 and 8s. 8d. for £400.

Reply Coupons.—6d. each to all countries in the Postal Union.

Cash on Delivery Service.—Conditions similiar to Great Britain and Northern Ireland (Imperial and Foreign).

Parcels.—Australia, 1 lb., 1s. 9d.; 8d. each additional lb. up to 11 lb. Canada, 3 lb., 2s. 6d.; 7 lb., 4s. 6d.; 11 lb., 6s. Egypt, 3 lb., 2s. 9d.; 7 lb., 4s. 3d.; 11 lb., 5s. 6d. India, 3 lb., 2s. 6d.; 7 lb., 4s. 6d.; 11 lb., 6s. 3d. Jamaica, 3 lb., 2s.; 7 lb., 3s. 9d.; 11 lb., 5s. South African Union, 1s. per lb. up to 11 lb. United States, 3 lb., 2s.; 7 lb., 3s. 9d.; 11 lb., 5s.

Money Orders.—Rates same as Great Britain and Northern Ireland (Imperial and Foreign) except that the supplementary fee for Telegraph Money Orders is 1s. (Cuba, 5s.).

LETTER AIR MAILS (see note below).

Air Mail services are available on payment of special air postage rates to most countries not covered by the arrangements detailed on a preceding page. The Air postage rates vary according to the country of destination and full particulars are given in the "Air Mail Leaflet." For these countries a blue air Mail label must be affixed to correspondence. Air Mail correspondence can be registered (but not insured) and the ordinary arrangements for express delivery and the use of the green label system (for articles liable to customs duty) apply.

PARCEL AIR MAILS.

1. The *General Regulations of the Imperial and Foreign Parcel Post apply*, as regards maximum weight and dimensions, Customs Declarations and Despatch Notes, Supplemental Services, Compensation, etc., to parcels sent by air. On these points see the *Post Office Guide*. Air Parcels cannot, however, be insured, except for Holland and Switzerland.

2. Air Parcels may be posted at any Post Office which accepts parcels for places abroad. Air Parcels *exceeding 15 lb. in weight* are accepted at the same Offices and under the same conditions as similar parcels for transmission by ordinary post.

3. The sender of an Air Parcel must affix an *Air Mail* label close to the address label of the parcel and to the relative Despatch Note and to the Trade Charge Card in the case of C.O.D. Parcels, and should write the words *Air Mail* conspicuously on the cover of the parcel.

4. *It is important that the relative Despatch Notes and Customs Declarations should be very carefully completed in accordance with the general regulations.*

N.B.—For rates applicable to Eire (Ireland) for letters and parcels, see Eireann Air Mail leaflet.

STAMPS, TAXES & EXCISE DUTIES

(Correct when going to press).

	£	s.	d.
Appraisement or Valuation of any estate or effects where the amount of the appraisement does not exceed £5 ..	£0	0	3
Not exceeding £10, .. £0 0 6 — Not exceeding £50,	0	2	6
„ „ 20, .. 0 1 0 — „ „ 100,	0	5	0
„ „ 30, .. 0 1 6 — „ „ 200,	0	10	0
„ „ 40, .. 0 2 0 — „ „ 500,	0	15	0
Exceeding £500	1	0	0
Bills of Exchange (Inland or Foreign), payable on demand or within three days after date or sight, for any amount ..	0	0	2
Bills of Exchange of any other kind (except a Bank Note), and Promissory Notes of any kind (except a Bank Note), when drawn or expressed to be payable or actually paid or endorsed or in any manner negotiated in U.K., not exceeding £10, 2d.; £25, 3d.; £50, 6d.; £75, 9d.; £100, 1s. Every £100, and also for any fractional part of £100, 1s.			
Bills of Exchange, not payable on demand or within three days, drawn and expressed to be payable out of U.K. when paid, or endorsed, or negotiated in U.K.—Not exceeding £10, 2d.; £25, 3d.; £100, 6d. Every £100 and also for any fractional part of £100, 6d.			
Carriages (other than hackney carriages) four wheels or more, and drawn by two or more horses. Annual Licence	2	2	0
„ Four wheels or more, and drawn by one horse ..	1	1	0
„ Less than four wheels	0	15	0
„ Hackney	0	15	0
Entertainments Duty. For payment exceeding 6d. and not exceeding 1s. 2½d., ½d.; 1s. 5d., 1d.; 1s. 7½d., 1½d.; 1s. 10d., 2d.; over 1s. 10d., 2d. for the first 1s. 10d. and 1d. for every 5d. or part of 5d. over 1s. 10d. These rates apply to living performances, otherwise the rates are—exceeding 6d. and not exceeding 7½d., 1½d.; 10d.. 2d.; 1s. 0½d., 2½d.; 1s. 3d., 3d.; over 1s. 3d., 3d. for the first 1s. 3d. and 1d. for every 5d. or part of 5d. over 1s. 3d.			
Estate Duty. Where the principal value of estate exceeds £100, 1%; £500, 2%; £1,000, 3%; £5,000, 4%; £10,000, 5.5%; £12,500, 6.6%; £15,000, 7.7%; £18,000, 8.8%, etc. Duty on £120.000, 24%; £500,000, 38.4%; £1,000,000, 45.6%; and £2,000,000, 54%.			
Game Licences. From Aug. 1st to July 31st	3	0	0
„ Aug. 1st to Oct. 31st	2	0	0
„ Nov. 1st to July 31st	2	0	0
For continuous period of 14 days	1	0	0
Motor Bicycles not exceeding 150 cubic centimetres in cylinder capacity	0	17	6
„ exceeding 150 c.c. and not exceeding 250 c.c. ..	1	17	6
„ exceeding 250 c.c.	3	15	0
„ used with a Trailer or Side-car, an additional ..	1	5	0
Motor Tricycles	5	0	0
Motor Cars (private) not over 6 h.p. .. .. (and £1, 5s. for each h.p. extra)	7	10	0
Motor Driver's Licence	0	5	0
Receipts for £2 or upwards (Salaries, Wages, Superannuation, and other like allowances exempted)	0	0	2
Wireless Licence—Broadcast Receiver's Licence, annually ..	0	10	0

RATES OF BROKERAGE.

For London, the Stock Exchange Committee has fixed a MINIMUM SCALE of rates to be charged by BROKERS, and the more important rates are as follows:—

2½% Consols, 2¾ and 2½% Annuities, 3/16% on Stock.

Other British Govt. Securities, Indian Govt. Stocks, Metropolitan and London County Consolidated Stocks, Dominion and Colonial Government, and County, Corporation and Provincial Securities (British, Indian, Dominion or Colonial), ¼% on Stock.

Public Boards (Gt. Britain and N. Ireland) Inscribed Stocks free of Stamp Duty, ¼% on Stock; subject to Stamp Duty, as for Registered Stocks.

Bank of England and Bank of Ireland Stock, ¼% on Money.

Bonds to Bearer (not included above) up to ¼% on Stock.

Registered Stocks (quoted per cent.). Registered Debentures and Bonds; price up to 25, from 1/32 to ¼% on Stock; price over 25, ¼% on Money.

A Broker may not charge less than the above rates, except in certain specified instances.

IMPERIAL AND FOREIGN LETTER MAILS.

Approximate times of Transmission from London. The times refer to the Capital Cities, except where otherwise stated.

Place	By Ord'ry Mail Days	By Air Mail Days
Abyssinia	14–19	5–6
Aden	10	—
Afghanistan	20	—
Albania	3	—
Algeria	2–3	1½
Andorra (Republic of)	2–3	—
Antigua	13–26	9–13
Arabia	9–17 (Mecca)	—
Argentina	16–23	4
Ascension	12–14	—
Australia	26–32	10
Azores	8–12	—
Bahamas	10–19	7–11
Bahrein	9–13	3
Balearic Islands	2	—
Barbados	10–15	—
Belgian Congo—Boma	17–23	—
Elizabethville	22	10
Belgium	½–½	½
Bermuda	8–17	6–11
Bolivia	21–27	6–10
Borneo (N.)	28	12–15
Brazil	12–16	3–15
British Guiana	16–20	9–14
British Honduras	13–23	9–14
British New Guinea	40–54	—
British North Borneo	28	12–15
British Somaliland	12	—
Brunei	25	11–14
Bulgaria	3	1
Burma	19	5
Cameroons—British	18–30	—
French	21–25	4
Canada—Montreal	—	5–11
Vancouver	—	9–15
Canary Islands	5–8	1
Cape Verde Islands	7–15	—
Ceylon	16–17	5
Chile	20–28 (Valparaiso)	5–14
China—Shanghai	32–34 via Suez	11
Colombia	24–33	7–11
Cook Islands	—	20
Costa Rica	15–20	8–12
Crete	5–6	—
Cuba	9–15	7–11
Cyprus	6–7	—
Cyrenaica	6–9	2
Czechoslovakia	1½	1
Dahomey	16–18	3
Danzig	1–1½	½
Denmark	½	½
Dominica	15–27	—
Dominican Republic	14–20	7–12
Dutch East Indies	22–27	7
Dutch Guiana	14–27	9–14
Dutch West Indies	14–27	9–12
Ecuador	18–26	7–12
Egypt	5–6	2
Eritrea	11–17	4–5
Estonia	—	1
Ethiopia	14–19	5–6
Falkland Islands	28–40	—
Faroe Islands	2–5	—
Federated Malay States	21–22	8
Fernando Po	19–21	—
Fiji Islands	26–37	21–31
Finland	—	1
France	1	½–½
French Guiana	19–24	9–14
French Guinea	11–13	2–3
French Indo-China	27–30	6
French West Indies	12–16	—
Gambia	8–17	2
Germany	1	½–1
Gibraltar	4	2
Gold Coast Colony	14–24	5
Greece	3	1
Grenada	12–17	—
Guadeloupe	13–15	—
Guatemala	15–20	7–12
Hawaii	17–19	8–13
Hayti	13–15	7–12
Holland	½–1	½
Honduras (Republic)	12–14 via Suez	8–12
Hong Kong	28–31	6
Hungary	2	½
Iceland	5–7	—
India	14–16	3–4
Iran—Tehran	—	5–8
„ Bushire	—	5–10
Iraq	6–7	2
Italian Somaliland	17–21	6–8
Italy	2	1–1½
Ivory Coast	15–23	3
Jamaica	11–17	7–11
Japan (via Siberia)	15–17	—
Kenya (Nairobi)	18–27	4
Kuwait	9–12	3–4
Labuan	27–28	11–14
Latvia	2	1
Leeward Islands	13–26	9–13
Lettonia	1½–2	1½
Liberia	11–16	3
Libya	6–9	1½
Liechtenstein	1	½–1
Lithuania	1–1½	½
Luxemburg	1 via Suez	—
Macao	29–32	7–8
Madagascar	29	8–9
Madeira	4–6	—
Malay States	21–22	6
Malta	4–5	1½
Martinique	12–16	—
Mauritius	27–52	14–27
Memel Territory	2	—
Mexico	11–17	7–11
Monaco	1	—
Montserrat	15–26	—
Morocco	4	1½
Muscat	19–20	6–12
Newfoundland	7–17	—
New Guinea	47–61	—
New Hebrides	44–79	—
New Zealand	30–40	15–20
Nicaragua	17–21	8–12
Nigeria	15–20	5
Norfolk Island	—	12
Northern Rhodesia	20	5
Norway	1–2	1
Nyasaland	22	5
Palestine	5–7	3
Panama	14–20	8–12
Papua	42–56	—
Paraguay	21–27	4–7
Peru	16–31	6–13
Philippine Islands	24–37	8–12
Poland	2	1–2
Porto Rico	12–18	7–12
Portugal	2–3	—
Portuguese East Africa	17–20	5
Portuguese India	17	5
Portuguese West Africa	—	15–20
Lobito	19–31	—
Reunion	34–36	—
Rhodes	5–7	—
Roumania	3	2
St. Helena	14–16	—
St. Kitts	13–23	—
St. Lucia	12–19	—
St. Vincent	12–24	—
Salvador	15–21	8–12
Samoa	22–25	—
Sandwich Islands	17–19	8–13
Sarawak	26	9–12
Saudi Arabia	9–17	—
Senegal	9–12	1½
Seychelles	26–47	9–17
Siam (Thailand)	23	5
Sierra Leone	10–17 (Cape town)	3
South Africa	14–17	6
Southern Rhodesia	19	5
Spain	—	2–3
Straits Settlements	22	6
Sudan (Anglo-Egyptian)	9–12	3
Sweden	1	½–1
Switzerland	1	½–1
Syria	5–8	3
Tahiti	23–26	3
Tanganyika Territory	18–25	4
Tobago	14–20	8–12
Transjordan	6–7	3
Trinidad	11–17	8–12 (Tripoli)
Tripolitania	6–9	1½
Tunis	3–5	1½
Turkey	3–4	2–3
Uganda	20–30	3
U.S.S.R.	3½	3½
U.S.A.—New York	5–10	—
San Francisco	9–14	6½–10½
Uruguay	16–21	4
Vatican City State	2	—
Venezuela	19–22	8–12
Yugoslavia	2	1–2
Zanzibar	17–27	4

SUN'S RISINGS AND SETTINGS AT LONDON FOR EACH SATURDAY IN 1941.

(Summer Time Act, 1925: One hour is added during period April 20 to October 5).

JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE	
Day	Rises h.m. / Sets h.m.	Day	Rises h.m. / Sets h.m.	Day	Rises h.m. / Sets h.m.	Day	Rises h.m. / Sets h.m.	Day	Rises h.m. / Sets h.m.	Day	Rises h.m. / Sets h.m.
4	8 5 / 4 5	1	7 39 / 4 49	1	6 46 / 5 40	5	5 28 / 6 39	3	5 30 / 8 25	7	4 45 / 9 13
11	8 3 / 4 14	8	7 28 / 5 1	8	6 31 / 5 52	12	5 12 / 6 50	10	5 17 / 8 36	14	4 42 / 9 18
18	7 57 / 4 24	15	7 15 / 5 14	15	6 16 / 6 4	19	4 57 / 7 2	17	5 6 / 8 47	21	4 42 / 9 21
25	7 49 / 4 36	22	7 1 / 5 27	22	6 0 / 6 16	26	5 43 / 8 14	24	4 57 / 8 57	28	4 45 / 9 21
				29	5 44 / 6 27			31	4 50 / 9 5		

JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
Day	Rises h.m. / Sets h.m.	Day	Rises h.m. / Sets h.m.	Day	Rises h.m. / Sets h.m.	Day	Rises h.m. / Sets h.m.	Day	Rises h.m. / Sets h.m.	Day	Rises h.m. / Sets h.m.
5	4 50 / 9 19	2	5 24 / 8 47	6	6 20 / 7 36	4	7 5 / 6 32	1	6 53 / 4 34	6	7 49 / 3 52
12	4 56 / 9 14	9	5 35 / 8 35	13	6 31 / 7 21	11	6 16 / 5 17	8	7 4 / 4 22	13	7 57 / 3 51
19	5 4 / 9 7	16	5 46 / 8 22	20	6 42 / 7 5	18	6 28 / 5 2	15	7 17 / 4 12	20	8 2 / 3 53
26	5 14 / 8 58	23	5 57 / 8 7	27	6 53 / 6 48	25	6 40 / 4 47	22	7 29 / 4 3	27	8 5 / 3 57
		30	6 8 / 7 52					29	7 40 / 3 56		

DIVIDEND DAYS AT THE BANK OF ENGLAND.

Stocks.	*Dividends Payable.**
Bank Stock	April 5 and October 5.
£4 per Cent. Consols, 1957	February 1, August 1.
£2 10s. per Cent. Consols, 1923	Jan. 5, April 5, July 5, Oct 5.
£2 10s. per Cent. Annuities, 1905	" " " "
£2 15s. per Cent. Annuities, 1905	" " " "
Local Loans, £3 per Cent. Stock	" " " "
Guaranteed £2 15s. per Cent. Stock, 1933	January 1, July 1.
Guaranteed £3 per Cent. Stock, 1939	" "
Registered Guaranteed £4 10s. per Cent. Bonds	May 1, November 1.
India £3 10s. per Cent. Stock, 1931	Jan. 5, April 5, July 5, Oct. 5.
India £3 per Cent. Stock, 1948	" " " "
Metropolitan £3 per Cent. Stock, 1941	Feb. 1, May 1, Aug. 1, Nov. 1.
Metropolitan £2 10s. per Cent. Stock, 1920-1949	Mar. 1, June 1, Sept. 1, Dec. 1.
London, Corporation of, £2 10s. per Cent. Stock, 1927-1957	January 1, July 1.
New Zealand £5 10s. per Cent. Stock, 1951	February 1, August 1.
New Zealand £5 per Cent. Inscribed Stock, 1946	January 1 July 1.
New Zealand £5 per Cent. Inscribed Stock, 1949	June 15, December 15.
New Zealand £4 10s. per Cent. Inscribed Stock, 1947	May 1, November 1.
New Zealand £3 per Cent. Inscribed Stock, 1945	April 1, October 1.
New Zealand £5 per Cent. Inscribed Stock, 1956-1971	May 1, November 1.
New Zealand £4 10s. per Cent. Inscribed Stock, 1948-1958	March 1, September 1.
New Zealand £4 per Cent. Inscribed Stock, 1943-1963	February 1, August 1.
New Zealand £4 10s. per Cent. Stock, 1944 and 1945	March 1, September 1.
Queensland £5 per Cent. Stock, 1940-1960	April 1, October 1.
Queensland £4 per Cent. Stock, 1940-1950	" "
Queensland £3 15s. per Cent. Stock, 1940-1960	" "
Egyptian Government £3 10s. per Cent. Preference	April 15, October 15.
£3 10s. per Cent. War Stock, 1952	June 1, December 1.
£3 per Cent. Funding Stock, 1959-1969	April 15, October 15.
£2 10s. per Cent. Funding Stock, 1956-61	" "
£2 10s. per Cent. National Defence Bonds	March 15, September 15.
£2 15s. per Cent. Funding Stock, 1952-1957	June 15, December 15.
£4 per Cent. Funding Stock, 1960-1990	May 1, November 1.
£2 10s. per Cent. Conversion Stock, 1944-1949	April 1, October 1.
£3 per Cent. Conversion Stock, 1948-1953	March 1, September 1.
£3 10s. per Cent. Conversion Stock, 1961	April 1, October 1.
£5 per Cent. Conversion Stock, 1944-1964	May 1, November 1.
Registered £4 per Cent. Victory Bonds (redeemable by annual drawings)	March 1, September 1.
£2 per Cent. Loan, 1943-1945	January 1, July 1.
£3 per Cent. War Loan, 1955-1959	April 15, October 15.

* When the due date of the Dividends falls on a Sunday or Bank Holiday the Dividends are payable on the business day next ensuing.

FOREIGN TIME-TABLE.

TWELVE O'CLOCK NOON, GREENWICH MEAN TIME, AS COMPARED WITH THE CLOCK IN THE FOLLOWING PLACES:

Place.	Time. H.M.	Place.	Time. H.M.	Place.	Time. H.M.
Adelaide	9 30 p.m.	Istanbul	2 0 p.m.	Quebec	7 0 a.m.
Amsterdam	12 20 "	Jerusalem	2 0 "	Rangoon	6 30 p.m.
Athens	2 0 "	Leningrad	3 0 "	Rio de Janeiro	9 0 a.m.
Auckland, N.Z.	11 30 "	Lisbon	12 noon.	Rome	1 0 p.m.
Berlin	1 0 "	Madeira	11 0 a.m.	San Francisco	4 0 a.m.
Bombay	5 30 "	Madras	5 30 p.m.	St. John's (N.F.)	8 30 "
Brindisi	1 0 "	Madrid	12 noon.	St. Louis, Missouri	6 0 "
Brisbane	10 0 "	Malta	1 0 p.m.	Singapore	7 20 p.m.
Brussels	12 noon.	Mauritius	4 0 "	Sofia	2 0 "
Bucharest	2 0 p.m.	Melbourne	10 0 "	Stockholm	1 0 "
Budapest	1 0 "	Montreal	7 0 a.m.	Suez	2 0 "
Buenos Ayres	8 0 a.m.	Moscow	3 0 p.m.	Sydney	10 0 "
Cairo	2 0 p.m.	New Orleans	6 0 a.m.	Tokyo	9 0 "
Calcutta	5 53 "	New York	7 0 "	Toronto	7 0 a.m.
Cape Town	2 0 "	Oslo	1 0 p.m.	Vancouver	4 0 "
Chicago	6 0 a.m.	Ottawa	7 0 a.m.	Vienna	1 0 p.m.
Copenhagen	1 0 p.m.	Panama	7 0 "	Winnipeg	6 0 a.m.
Gibraltar	12 noon.	Paris	12 noon.	Yokohama	9 0 p.m.
Hobart	10 0 p.m.	Peiping	8 0 p.m.		
Hong Kong	8 0 "	Perth (W.A.)	8 0 "		
		Prague	1 0 "		

MOON'S PHASES FOR 1941.

(Summer Time Act, 1925: One hour is added during period April 20 to October 5)

	Day		h. m.
JANUARY	5	First Quarter	1 40 p.m.
	13	Full Moon	11 4 a.m.
	20	Last Quarter	10 1 a.m.
	27	New Moon	11 3 a.m.
FEBRUARY	4	First Quarter	11 42 a.m.
	12	Full Moon	12 26 a.m.
	18	Last Quarter	6 7 p.m.
	26	New Moon	3 2 a.m.
MARCH	6	First Quarter	7 43 a.m.
	13	Full Moon	11 47 a.m.
	20	Last Quarter	2 51 a.m.
	27	New Moon	8 14 p.m.
APRIL	5	First Quarter	12 12 a.m.
	11	Full Moon	9 15 p.m.
	18	Last Quarter	1 3 p.m.
	26	New Moon	2 23 p.m.
MAY	4	First Quarter	1 49 p.m.
	11	Full Moon	6 15 a.m.
	18	Last Quarter	2 17 a.m.
	26	New Moon	6 18 a.m.
JUNE	2	First Quarter	10 56 p.m.
	9	Full Moon	1 34 p.m.
	16	Last Quarter	4 45 p.m.
	24	New Moon	8 22 p.m.
JULY	2	First Quarter	5 24 a.m.
	8	Full Moon	9 17 p.m.
	16	Last Quarter	9 7 a.m.
	24	New Moon	8 39 a.m.
	31	First Quarter	10 19 a.m.
AUGUST	7	Full Moon	6 38 a.m.
	15	Last Quarter	2 40 a.m.
	22	New Moon	7 34 p.m.
	29	First Quarter	3 4 p.m.
SEPTEMBER	5	Full Moon	6 36 p.m.
	13	Last Quarter	8 31 p.m.
	21	New Moon	5 38 a.m.
	27	First Quarter	9 9 p.m.
OCTOBER	5	Full Moon	8 32 a.m.
	13	Last Quarter	12 52 p.m.
	20	New Moon	2 20 p.m.
	27	First Quarter	5 4 a.m.
NOVEMBER	4	Full Moon	2 0 a.m.
	12	Last Quarter	4 53 a.m.
	19	New Moon	12 4 a.m.
	25	First Quarter	5 52 p.m.
DECEMBER	3	Full Moon	8 51 p.m.
	11	Last Quarter	6 48 p.m.
	18	New Moon	10 18 a.m.
	25	First Quarter	10 43 a.m.

ECLIPSES, 1941.

In the year 1941 there will be four Eclipses, two of the Sun and two of the Moon.

I.—A Partial Eclipse of the Moon, March 13, invisible at Greenwich.

II.—An Annular Eclipse of the Sun, March 27, invisible at Greenwich.

III.—A Partial Eclipse of the Moon, September 5, visible at Greenwich.

IV.—A Total Eclipse of the Sun, September 21, invisible at Greenwich.

WEIGHTS AND MEASURES

(British Imperial System and Metric Equivalents)

Abbreviations and Symbols permissible for :—

Yard, yd. ; foot, ft. ; inch, in. ; fluid ounce, fl. oz. ; fluid drachm, fl. dr. ; minim, min. ; hundredweight, cwt. ; pound, lb. ; ounce (avoirdupois), oz. ; ounce (troy) oz. tr. ; ounce (Apothecaries), oz. Apoth. ; dram, dr. ; grain, gr. ; 4 drachms ℥iv. ; 2 drachms, ℥ij ; 1 drachm, ℥i ; 2 scruples, ℈ij. ; 1½ scruples or half a drachm, ℥fs. ; 1 scruple, ℈i. ; half a scruple, ℈fs.

Metric Weights and Measures

Metre, m. ; Decimetre, dm. ; Centimetre, cm. ; Millimetre, mm. ; Litre, lit. ; Decilitre, dl. ; Centilitre, cl. ; Millilitre, mil. ; Cubic Centimetre, c.c. ; Cubic Millimetre, c.mm. ; Kilogram, kilog. or kg. ; Gramme, grm. ; Decigram, dg. ; Centigram, cg. ; Milligram, mg. ; Metric Carat, c.m.

Board of Trade—Lengths

100 ft. ; 66 ft. or a chain of 100 links ; 50 ft. ; 30 ft. or 50 links ; 20 ft. ; pole, rod, perch ; 10, 9, 8, 7 ft. ; 10 links ; 6 ft. ; 66 in. ; 4 ft. ; 3 ft. ; 30 in. ; 2 ft. ; 18 in. ; 1 ft. ; yard (and its parts) ; inch (and its parts) ; 100 in.

Board of Trade—Capacity

LIQUID MEASURE.—64 gallons to 33 gallons ; 32 to 1 gallon by a gallon ; Half-gallon ; Quart ; Pint ; Half-pint ; Gill ; ½ and ¼ gill.

DRY MEASURE.—4 bushels ; 1 and ½ bushel ; Peck ; Gallon ; ½ gal. ; Quart ; Pint ; ½ pint.
(The denomination " 2 bushels " is not recognised by the Weights and Measures Regulations.)

APOTHECARIES' MEASURE.—40 fl. oz. to ½ fl. oz. ; 1 fl oz. = 437·5 grains ; 1 fl. oz. weight of distilled water at 62°F. = 1/160 Imperial gallon ; 16 fl. dr. to ½ fl. dr. ; 1 fl. dr. = ⅛ fl. oz. ; 60 minims to 1 minim.

Board of Trade

AVOIRDUPOIS WEIGHT.—Cental or 100 lb. ; 56 lb. or ½ cwt. ; Half-cental or 50 lb. ; 28 lb. or ¼ cwt. ; 20 lb. ; 14 lb. or stone ; 10, 7, 5, 4, and 2 lb. ; 1 lb. or 7000 grains ; 8 oz. or ½ lb. ; 8 dr. or ½ oz. ; 4 dr. or ¼ oz. ; 1 dr. ; ½ dr. ; 240 gr. or 10 pennyweights ; 120 gr. or 5 pennyweights ; 72 gr. or 3 pennyweights ; 48 gr. or 2 pennyweights ; 24 gr. or 1 pennyweight.

TROY WEIGHT.—Decimal Troy ounce bullion weights—500, 400, 300, 200, 100, 50, 40, 30, 20, 10 oz. Troy or 4800 gr. ; 5 oz. to 0·001 oz.

APOTHECARIES' WEIGHTS.—10, 8, 6, 4, 2 oz. marked " Apoth." ; 1 oz. or 480 gr. ; 4 dr. or ½ oz. ; 2 dr. ; 1 dr. ; 2 scruples ; 1½ scruples or ½ dr. ; 1 scruple or ½ scruple ; 6 gr. ; 5, 4, 3, 2, 1 gr. ; ½ grain.

DECIMAL GRAIN WEIGHTS.—4000, 2000, 1000, 500, 300, 200, 100, 50 gr. to 0·01 gr.

Board of Trade—Metric

Measures of Length

20 metres, 10 m. or dekametre.
2 m. or Double metre.
1¼ or 1·25 metres (1915)
Metre, or 1000 millimetres.
Decimetre, or 0·1 m.
Centimetre, or 0·01 m.
Millimetre, or 0·001 m.

Measures of Capacity

20 litres, 10 lit. or dekalitre.
5, 2, and 1 litre.
0·5, 0·2, 0·1 lit. (decilitre).
0·05, 0·02, 0·01 lit. (centilitre).
0·005, 0·002, 0·001 lit. (millilitre).

Cubic Measure.

1000 cubic centimetres.
500, 200, 100, 50 20, 10 cub. cm.
5, 2, 1 cub. cm. (1000 cub. mm.).

Weights.

20 kilograms, 10, 5, 2 kg.
1 kilog. or kg. = 1000 grammes.
500, 200, 100, 50, 20, 10 grm.
5, 2 and 1 grm.
5, 2 ,, 1 decigram, dg.
5, 2 ,, 1 centigram, cg.
5, 2 ,, 1 milligram, mg.

Metric Carat Weights (1913)

500, 200, 100, 50, 20, 10, 5, 2, 1 cm.
0·5, 0·2, 0·1, 0·05, 0·02, 0·01, 0·005 c.m.

Measures of Length

	1 In.	=	25·4 mm.
12 In.	= 1 Ft.	=	30·48 cm.
3 Ft.	= 1 Yd.	=	91·44 cm.
5½ Yds.	= 1 Rod, Pole or Perch	=	5·03 m.
4 Perches	= 1 Chain of 100 links	=	20·1 m.
10 Chains	= 1 Furlong	=	201·17 m.
8 Furlongs	= 1 Mile	=	1·609 Km.

Length		Tolerance
Above 10 ft.		± 0·1 in.
10 to 3 ft.		± 0·02 in.
3 ft. to 1 in.		± 0·01
Gauges External	above 2″	± 0·00010
	under 2″	± 0·00005
Gauges Internal	above 2″	± 0·00015
	under 2″	± 0·00010

(A metre = 39·370113 inches)

Measures of Surface

	1 Sq. In.	=	0·0645 Sq. dm.
144 Sq. In.	= 1 Sq. Ft.	=	9·2903 ,,
9 Sq. Ft.	= 1 Sq. Yd.	=	0·8361 Sq. m.
30¼ Sq. Yds. / 272¼ Sq. Ft.	= 1 Sq. Rod, Pole or Perch	=	29·29 ,,
40 Sq. Perches / 40 Poles	= 1 Rood	=	10·117 Ares.
4 Roods / 4840 Sq. Yds.	= 1 Acre	=	0·4047 Hectares.
640 Acres	= 1 Sq. Mile	=	259 ,,

Measures of Capacity

	1 Gill	=	0·142 Litres
4 Gills	= 1 Pint	=	0·568 ,,
2 Pints	= 1 Quart	=	1·136 ,,
4 Quarts	= 1 Gallon	=	4·546 ,,
2 Gallons	= 1 Peck	=	9·092 ,,
4 Pecks	= 1 Bushel	=	36·37 ,,
8 Bushels	= 1 Quarter	=	2·91 Hectolitres.
36 Bushels	= 1 Chaldron.		

1 Gallon = 277·274 Cub. In. standard measure = 10 lb. pure water.

Cubic Capacity

	1 Cub. In.	=	16·387 Cub. cm.
1728 Cub. In.	= 1 Cub. Ft.	=	28·317 Cub. dm.
27 Cub. Ft.	= 1 Cub. Yd.	=	0·7645 Cub. m.

1 Cub. Ft. of distilled water at 62° F. and Barometer 30 in. weighs 1000 oz. (Avoir.) and contains 6·23 gallons.

An Imperial Gallon of distilled water weighs 10 lb. avoirdupois.
A wineglass holds about 2 oz. ; a teacup about 3 oz.
* In the North of England half a pint is called a gill, and a true gill a " noggin."
The average weight of a bushel of barley is 47 lb., oats 38 lb., wheat 60 lb., and for standing grain 1 oz. per sq. yd. = 10·04 bushels per acre.

Wine and Spirit Measure

4 Gills	= 1 Pint.	63 Gallons	= 1 Hogshead.
2 Pints	= 1 Quart.	84 Gallons	= 1 Puncheon.
4 Quarts	= 1 Gallon.	2 Hogsheads	= 1 Pipe.
31½ Gallons	= ½ Hogshead.	2 Pipes	= 1 Tun.

Ale and Beer Measure

2 Pints	= 1 Quart.	36 Gallons	= 1 Barrel.
4 Quarts	= 1 Gallon.	54 ,,	= 1 Hogshead.
9 Gallons	= 1 Firkin.	72 ,,	= 1 Puncheon.
2 Firkins	= 1 Kilderkin.	108 ,,	= 1 Butt.

Foreign and English Measures

U.S.A. ...	(Mile)	1760 yds.	(Ton) 2240 lb.		2000 lb. U.S.A.
France ...	(K.metre)	1094 ,,	1 Kilogramme	=	Imperial Liquid 1·2 U.S. gal.
Germany ...	(,,)	1094 ,,	1000 grammes	=	= 1 gallon
Italy ...	(Chilometro)	1094 ,,	2205 lb.	=	1 U.S. gal.
Portugal ...	(Kilometre)	1094 ,,		=	= 231 cub. in.
Spain ...	(Kilometro)	1094 ,,		=	= 0·134 cub.ft.
Switzerland	(Lien)	5249 ,,		=	= 3·8 litres
Turkey ...	(Berri)	1828 ,,	(Oke)		2·8342 lb.
Netherlands	(Kilometre)	1094 ,,	(Oncen)		·22 lb.
Denmark ...	(Mil)	8238 ,,	(Alen) or Kg.		
Russia ...	(Verst)	1167 ,,	(Pood)		36·11 lb.

Angular Measure

60 Seconds (″)	= 1 Minute.	60 Degrees	= 1 Sextant.
60 Minutes (′)	= 1 Degree.	90 ,,	= 1 Right Angle.
30 Degrees (°)	= 1 Sign.	180 ,,	= 1 Semicircle.
45 ,,	= 1 Octant.	360 ,,	= 1 Circle.

Cloth Measure

2¼ Inches	= 1 Nail.	4 Qrs. (36 in.)	= 1 Yard.
4 Nails	= 1 Quarter.	5 ,, (45 in.)	= 1 English Ell.
3 Qrs. (27 in.)	= 1 Flemish Ell.	6 ,, (54 in.)	= 1 French Ell.

Paper Measure

24 Sheets = 1 Quire — 20 Quires = 1 Ream
480, 500, 504 or 516 Sheets = 1 Ream
Standard 500 ,, = 1 ,,

Papers—W, writing ; D, drawing ; P, printings ; C, cartridges.
Double Elephant—W, D, 40 × 26¾ in. — Foolscap, 13¼ × 16½ in. Standard.
Imperial—W, D, P, C, 30 × 22 in. — W, 13¼ × 8¼ in. Single.
P.C. 13½ × 17 in. Standard.

Hay and Straw Measure

36 lb. imp. of straw	= 1 truss.	A load of—	
56 ,, of old hay	= 1 ,,	straw	= 11 cwt. 2 qrs. 38 lb.
60 ,, of new hay	= 1 ,,	old hay	= 18 cwt.
36 trusses	= 1 load.	new hay	= 19 cwt. 1 qr. 4 lb.

Hay sold between 1st June and 31st August is reckoned new hay, and must weigh 60 lb. per truss. Hay sold between 31st August and succeeding 1st June is reckoned old, and must weigh 56 lb. per truss.

Yarn Measure

Cotton and Spun Silk	= 840 yds. per hank.
Worsted or fine Card Wool	= 560 ,, ,, ,,
West of England Worsted	= 320 ,, ,, ,,
Yorkshire skein Woollen	= 256 ,, ,, skein.
Galashiels	= 300 ,, ,, cut (reckoned on 24 oz.).
	= 200 ,, ,, ,, (reckoned on 16 oz.)

Yarns composed partly of wool and partly of cotton, or cotton yarns spun on the wool principle are generally numbered on same basis as worsted yarns, i.e., 560 yds. per hank.

Imperial Standard Wire Gauge Equivalents

s.w.g.	in. (ap.)	in.	mm.	s.w.g.	in. (ap.)	in.	mm.
18	3/64	·048	1·219	9	9/64 full	·144	3·657
17	3/64 full	·056	1·422	8	5/32 full	·160	4·064
16	1/16	·064	1·626	7	11/64 full	·176	4·470
15	1/16 full	·072	1·828	6	3/16 full	·192	4·877
14	5/64	·080	2·032	5	13/64 full	·212	5·385
13	3/32	·092	2·337	4	15/64	·232	5·893
12	3/32 full	·104	2·641	3	1/4	·252	6·400
11	7/64 full	·116	2·946	2	9/32 bare	·276	7·010
10	1/8	·128	3·251	1	19/64 full	·300	7·620

Decimal Equivalents

Frac'ns		Dec.	Fracn's		Dec.	Fracn's		Dec.	Fracn's		Dec.
1/64	...	·015625	17/64	...	·265625	33/64	...	·515625	49/64	...	·765625
...	1/32	·03125	...	9/32	·28125	...	17/32	·53125	...	25/32	·78125
3/64	...	·046875	19/64	...	·296875	35/64	...	·546875	51/64	...	·796875
...	1/16	·0625	...	5/16	·3125	...	9/16	·5625	...	13/16	·8125
5/64	...	·078125	21/64	...	·328125	37/64	...	·578125	53/64	...	·828125
...	3/32	·09375	...	11/32	·34375	...	19/32	·59375	...	27/32	·84375
7/64	...	·109375	23/64	...	·359375	39/64	...	·609375	55/64	...	·859375
...	1/8	·125	...	3/8	·375	...	5/8	·625	...	7/8	·875
9/64	...	·140625	25/64	...	·390625	41/64	...	·640625	57/64	...	·890625
...	5/32	·15625	...	13/32	·40625	...	21/32	·65625	...	29/32	·90625
11/64	...	·171875	27/64	...	·421875	43/64	...	·671875	59/64	...	·921875
...	3/16	·1875	...	7/16	·4375	...	11/16	·6875	...	15/16	·9375
13/64	...	·203125	29/64	...	·453125	45/64	...	·703125	61/64	...	·953125
...	7/32	·21875	...	15/32	·46875	...	23/32	·71875	...	31/32	·96875
15/64	...	·234375	31/64	...	·484375	47/64	...	·734375	63/64	...	·984375
...	1/4	·25	...	1/2	·5	...	3/4	·75	...	1	1·00

CALENDAR, 1940.

JANUARY						
S.	..	7	14	21	28	..
M.	1	8	15	22	29	..
Tu.	2	9	16	23	30	..
W.	3	10	17	24	31	..
Th.	4	11	18	25	..	..
F.	5	12	19	26	..	..
S.	6	13	20	27	..	..

FEBRUARY						
..	4	11	18	25	..	
..	5	12	19	26	..	
..	6	13	20	27	..	
..	7	14	21	28	..	
1	8	15	22	29	..	
2	9	16	23	..	..	
3	10	17	24	..	..	

MARCH						
..	3	10	17	24	31	
..	4	11	18	**25**	..	
..	5	12	19	26	..	
..	6	13	20	27	..	
..	7	14	21	28	..	
1	8	15	**22**	29	..	
2	9	16	23	30	..	

APRIL						
..	7	14	21	28	..	
1	8	15	22	29	..	
2	9	16	23	30	..	
3	10	17	24	..	..	
4	11	18	25	..	..	
5	12	19	26	..	..	
6	13	20	27	..	..	

MAY						
S.	..	5	12	19	26	..
M.	..	6	**13**	20	27	..
Tu.	..	7	14	21	28	..
W.	1	8	15	22	29	..
Th.	2	9	16	23	30	..
F.	3	10	17	24	31	..
S.	4	11	18	25	..	..

JUNE						
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1	8	15	22	29	..	

JULY						
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1	8	15	22	29	..	
2	9	16	23	30	..	
3	10	17	24	31	..	
4	11	18	25	..	..	
5	12	19	26	..	..	
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AUGUST						
..	4	11	18	25	..	
..	**5**	12	19	26	..	
..	6	13	20	27	..	
..	7	14	21	28	..	
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SEPTEMBER						
S.	1	8	15	22	29	..
M.	2	9	16	23	30	..
Tu.	3	10	17	24	..	..
W.	4	11	18	25	..	..
Th.	5	12	19	26	..	..
F.	6	13	20	27	..	..
S.	7	14	21	28	..	..

OCTOBER						
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NOVEMBER						
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DECEMBER						
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4	11	18	**25**	..	..	
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7	14	21	28	..	..	

CALENDAR, 1942.

JANUARY						
S.	..	4	11	18	25	..
M.	..	5	12	19	26	..
Tu.	..	6	13	20	27	..
W.	..	7	14	21	28	..
Th.	1	8	15	22	29	..
F.	2	9	16	23	30	..
S.	3	10	17	24	31	..

FEBRUARY						
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MARCH						
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APRIL						
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MAY						
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S.	2	9	16	23	30	..

JUNE						
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JULY						
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4	11	18	25	..	..	

AUGUST						
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..	**3**	10	17	24	31	
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SEPTEMBER						
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S.	5	12	19	26	..	..

OCTOBER						
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NOVEMBER						
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DECEMBER						
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1	8	15	22	29	..	
2	9	16	23	30	..	
3	10	17	24	31	..	
4	11	18	**25**	..	..	
5	12	19	**26**	..	..	

COMMON NOTES FOR THE YEAR 1942.

Golden Number	5
Epact	13
Solar Cycle (year of)	19
Dominical Letter	D
Roman Indiction (year of)	10
Julian Period (year of)	6655
Circumcision	January 1
Epiphany	„ 6
St. Hilary	„ 13
Mohammedan New Year (A.H. 1361)	„ 19
Conversion of St. Paul	„ 25
Septuagesima Sunday	February 1
Purification—Candlemas	„ 2
Sexagesima Sunday	„ 8
Valentine's Day	„ 14
Quinquagesima Sunday	„ 15
Shrove Tuesday	„ 17
Ash Wednesday	„ 18
Quadragesima—First Sunday in Lent	„ 22
St. Matthias	„ 24
St. David	March 1
St. Patrick	„ 17
Passion Sunday	„ 22
Annunciation—Lady Day	„ 25
Palm Sunday	„ 29
Good Friday	April 3
Easter Day	„ 5
Low Sunday	„ 12
Primrose Day	„ 19
St. George	„ 23
St. Mark	„ 25
St. Philip and St. James	May 1
Rogation Sunday	„ 10
Ascension Day—Holy Thursday	„ 14
Sunday after Ascension	„ 17
Empire (Victoria) Day	„ 24
Whit Sunday—Pentecost	„ 24
Trinity Sunday	„ 31
Corpus Christi	June 4
St. Barnabas	„ 11
St. John Baptist—Midsummer	„ 24
St. Peter	„ 29
Dominion Day (Canada)	July 1
Independence Day (U.S.A.)	„ 4
St. Swithin	„ 15
St. Mary Magdalene	„ 22
St. James	„ 25
Lammas	August 1
Queen Elizabeth born (1900)	„ 4
Transfiguration	„ 6
Jewish New Year (A.M. 5703)	September 12
St. Matthew	„ 21
St. Michael—Michaelmas	„ 29
St. Luke	October 18
St. Simon and St. Jude	„ 28
All Saints	November 1
Martinmas—Armistice Day	„ 11
First Sunday in Advent	„ 29
St. Andrew	„ 30
King's Accession (1936)	December 11
King George VI. born (1895)	„ 14
St. Thomas	„ 21
Christmas Day (Friday)	„ 25
St. Stephen	„ 26
St. John, Evan.	„ 27
Holy Innocents	„ 28

BANK HOLIDAYS, 1942.

England, Northern Ireland and Eire (Ireland).

St. Patrick's Day (Ireland only)	March 17
Good Friday	April 3
Easter Monday	April 6
Whit Monday	May 25
Orangeman's Day (Northern Ireland)	July 13
First Monday in August	August 3
Christmas Day (Friday)	December 25
Boxing Day	December 26

Scotland.

New Year's Day	January 1
Good Friday	April 3
First Monday in May	May 4
First Monday in August	August 3
Christmas Day	December 25

EXTRA HOLIDAYS AT PUBLIC OFFICES.

Stock Exchange—January 1.
Custom House and Public Dock Companies—King's Birthday.
Law Offices—April 7.

QUARTER DAYS.

England, Northern Ireland and Eire (Ireland).		Scotland.	
Lady Day	March 25	Candlemas	February 2
Midsummer	June 24	Whitsunday	May 15
Michaelmas	September 29	Lammas	August 1
Christmas	December 25	Martinmas	November 11

LAW SITTINGS.

Hilary	January 12 to April 1
Easter	April 14 to May 22
Trinity	June 2 to July 31
Michaelmas	October 12 to December 21

LAW (Dining) TERMS.

Hilary	January 11 to January 31
Easter	April 14 to May 11
Trinity	June 2 to June 22
Michaelmas	November 2 to November 25

LAW VACATIONS.

Christmas	December 24 to January 6
Easter	April 3 to April 7
Whitsun	May 23 to May 26
Long	August 1 to October 11

COURT OF SESSION, Edinburgh.

SESSIONS:
January 6 to March 28. May 5 to July 18.
October 13 to December 19.

UNIVERSITY TERMS.

Oxford (Full Terms).*

Hilary	January 18 to March 14
Trinity	April 19 to June 13
Michaelmas	October 11 to December 5

Cambridge (Full Terms).

Lent	January 13 to March 13
Easter	April 20 to June 11
Michaelmas	October 7 to December 5

** Not definitely fixed at time of going to press.*

MEMORANDA FROM 1940

1940
October 24 "Yankee Clipper". New York U.S.A.—

It is hard to believe that man has conquered the Atlantic in the air until one has been seated in the Yankee Clipper. To watch the ceremony that accompanies the going-aboard of the crew; the filing in of passengers—Good byes in tears—then to hear the mighty craft come to life and begin to move. Seated as upon a dais, then a window, one can see the N.Y. skyline flat-like and continue to watch it as it fades below, standing on end. And then, land fades slowly out of sight. Dark Reality strips the thought-bone—"Soon flying the Atlantic". By the time altitude is reached the shock has simmered down—and one relaxes—and waits. Time and the water below passes—Take-off time 8.07 am. E.S.T.

The sky was blue and blended with the Atlantic as the nose of the Clipper was lowered to her flying attitude. Certainly the giant bird realized that we were "on our way". No doubt it was proud of its size. Courier of good and evil; life, death and destruction.

Below a large mill pond stretched out in every direction. We sat about it for hours, gazing, talking and eating. To me it was hard to realize that lands so far distant are so near.

Landing at Bermuda behind closed windows and doors made us realize that in such a short length of time we were nearing the combat zone! Formality and English hospitality interangled with unseen strain that is surely theirs at this time. A British airways launch deposited us on the wharf of the Manor. A hotel of the low rambling style—quiet and cool—restful. New York was in another world: Dinner and dance—English style. A negro orchestra played from behind low

MEMORANDA

bowsprit. Vines that rambled everywhere. The music was soft. Young Couples danced and laughed - Merry laughter. The flight to Bermuda had been completed. And so, as the shadows of the bright moon played across the blue waters of Hamilton Harbor we slept - restful peace.

October 25th Yankee Clipper. Capt. Gray.

Our delightful visit to Bermuda ended as suddenly as it began. The hours spent in that Haven Isle remaining a happy memory & remembrance of the people who inhabit it will forever be pleasant.

We passed the Light Cruiser - St. Louis - U.S.N. as Captain Gray lifted us the Clipper in the Calm waters At 4900 feet we were on instruments. Our forecast predicted Clear weather 400 miles out. Time passed and we flew on into the night towards a new day. Darkness and rain joined us hand in hand as they came to keep us company.

Four, five, six - seven hours passed. The sea below was certainly rough. It could not have been otherwise. Our sea of rain in the night clouds was pouring in torrents. Dinner was served. The elements ruled against us, as dishes and silver raced across the table. Our huge bird rose, rocked and plunged. The weather over the Mighty Atlantic was competing with us for supremacy.

Rain, Rain. Sheets of it slid down the windows forming a white curtain on the outside. Lightning flashed us long and short telegraphic Signals. A lighted signal was flashed above our compartment door - "Passengers fasten your belts and remain seated." We flew on - into darkness, rain and wind - but ever onward.

A total of eleven pilots were aboard the Clipper What could she do with so many aviators in her belly - but fly -

JANUARY 1941

Wednesday 1

(1-364)

—Horta—

October 26

Last night was rough— one slept in jersey. Cat nap style. Rough air shifted the ship and ^1 Wr parted company with the bunk often. Covers were pulled up so the safety belt could be fastened above. Boat jerks aroused one in mid air ~~often~~ often.

I slept. Smoked— and peered through the window— looking for the break of day. Dawn came at last with quiet and beauty. Beauty untold unfolded before our eyes. Below a billowy sea of clouds stretched beneath to the distant horizon. Brilliant sun rays changed color as they danced beneath our wings. We were flying on top. Small holes appeared through which the sea was seen as a layer of blue tucked glass. Deep and silent. Lazily rolling along.

Thursday 2

(2-633)

We approached the Azores from the West and lowered down. Contact was made with the ground crew. Fuel was running— too high for a take off so we landing was made. One flight was down for Horta waiting for the sea to be calm. Ambospador Bergnidy was below enroute to Washington. Crossing noon nothing to the Atlantic.

We skirted near shore on the southern side of Horta. Strange islands inhabited by strange people. Whale hunters. Men from Portugal living at the end of the world— their world. Old whalers and young fishermen. Cannot fathom the actions of men who fly like large noisy birds.

JANUARY 1941

Friday 3

(3-362)

The Atlantic is angry again. White Caps on the surface are swinging along with fifty foot tails in tow. Overhead the clouds are thick and muddy. Winter Watch.

A ship passes beneath us - Her Course is Nerves straight. Hunter or the hunted - maybe both.

The long low beach of Portugal come up as a warrior to stir pots. Forty three hours from New York via air. The tail end of an Atlantic hurricane behind us. Not until the Lod blown us 150 mile off course during 7:45 minute of Astronomus instrument flying.

Skipper & I so tired. To keep matching the instruments as his Eyes and registers 2½G.

Saturday 4

(4-361)

Down in dirty Portugal. No wonder Columbus left it in search of another Country. Flies and filth — and lice —

2nd after Christmas Sunday 5

(5-360)

JANUARY 1941

Epiphany Monday 6

(6-359)

October 21th 1940 Lisbon, Portugal.

~~October 21th 1940~~ ~~Estoril~~ Twenty six hours out of New York the Clipper was ~~Lisbon~~, made fast. After the customs, where all of my cigarettes were opened, we rode to Estoril. (a very fashionable place) ~~out of Lisbon~~. One day was spent at the Lisbon Worlds Fair. The Fair is built around a monastary. Vasco De Gama is buried on the grounds. The beauty of that one place cannot be described Neither can the dirty ~~fly~~ filth in Lisbon streets of Portugal.

Flying Boat Claire. Imperial Airways.

~~5:00 daily~~

October 28th

Weather Clouds. Overcast. Breaking. (Low ceiling)

We were called at 3:00 AM. Enroute to the base our taxi got out of gas. American profanity and Portuguese dialect illuminated the road for nearly a mile. The Imperial Airways (Claire) flew us low to sea level then turned North. Our flight was made in and out of the low clouds. I learned later that the two trips before had been hide-and-seek with a German scout aeroplane. Each time he was lost in the thick weather. None were sighted. Just as we headed East for the "Break-in" all curtains were closed. At that time none knew whether we were flying attacked or heading for England. We landed in Poole. At "Blitz" time. 5:30 P.M. Every one looked up.

Tuesday 7

(7-358)

October 28th 1940. Poole, England.

Rain Decks Traffic

Upon to Joan, "Jerry" was overhead. We were instructed to keep inside the launch and to pull all curtains to prevent flying glass from cutting our faces. The Crew continuously scanned the sky. And so, our last leg of the trip came to an end.

Poole is a very important port. Most of the docks near were blown up by the English. Customs were not particular with us. I lost only three cigars.

We were escorted to our taxi. The driver a woman of 45 handled the car as well as a man could. Love. She talked freely - and always spoke of the Germans as "He" or "Him".

October 28th 1st Night in England. Bournemouth, England.

Hotel: Royal Bath Hotel

Block Off R.A.F.

In 1838 the Royal Bath Hotel was built. It is elaborate and filled with bath rooms. They are large. Marble rooms and highly decorated. The hotel has been a gathering place for society and notables. At the bar we met three RAF pilots who introduced us to our first "Black Out". We visited a "Pub" and the proprietor served drinks on the house for our benefit. Later, we ate eggs and sausage &

JANUARY 1941

Wednesday 8

(8-357)

London, England.

Cumberland Hotel. Room 8XU.

7:25 P.M.

The train trip to London took about 4 hours. once we slowed down because of a raid. (15 mph) Again all curtains were closed. On the outskirts of London we saw our first bomb craters. and lots of houses. Naturlyo stations do interest but there are no glasses left. They have been blasted away. We arrived just at Blitz time and so everyone was hurrying to shelter and "looking up."

Seven twenty five found me in the hotel, on the top floor (8XU) just out of my bath. The alarm in the hotel sounded. I stood still and listened. It came, and one never forgets that sickening thud of the first bomb heard. The second one came soon and the building swayed slightly. I learned later that it "touched" as they say here, about a half a block away. Later I dressed and went down stairs. There I found people eating, laughing and drinking. All night I roamed through the hotel and shelters. At an alarm I started outside to look but a battery of guns went off just out side the door. That's sure shy I had bit me.

Thursday 9

(9-356)

Kinton-on-Avise.

Bob Williams was at a Night Bombing field and I went up to join him. Nothing happened, however, the train was attacked later, so I slept in the 1st Class space assigned me.

To leave London I went to the Station at Kings Cross. It has suffered more than Waterlyo. Trains continue to come and go. Loaded. As they say here - "He don't frighten us." All except the Japs. They do go to air raid shelters at night.

I arrived at York and was asked to have a whiskey by a young officer who was one of the last to be evacuated from Dunkirk. An English officer came over as my escort. He flew in the last war at seventeen. The Vice Air Marshal was met and I was shown the elaborate set up of the Group.

The 58th Night Bombers were located near so "Sandy" drove me over. How these people go from one place

JANUARY 1941

Friday 10

(10-355)

to another in the dark is uncanny. They soon learned all the slightest inclines. I feel convinced that another year will find them with night eyes.

We were in time for Guest Night. The 58th Mx getting as great to two other explosions. "Jerry" had hit one of the fields the day before. Nine officers were killed in the mess hall at noon time. I never would have known it by their behavior. The Brig Commander (Group Captain) officiated with great pomp and ceremony up to the time the National Anthem and a toast to the king was completed. After that we changed from wine to whiskey and beer. It all reminded me of our Wing Parties. More or no more. Tea is at first and everyone drinks tea and Guest Night continues. I fear that "Jerry" is going to place a bomb on the mess hall one Guest Night and he will account for at least one hundred of England's best night fairmen.

I all of the pilots were youngsters and they enjoy

Saturday 11

(11-354)

the games that we played during the celebration. Bob and I joined in. Everyone, including the high ranks took off their coats (tunics) and pulled a tug of war sitting on the floor. That ends with everyone on top of everyone else. We later played the "alligator". About forty four each other, lock arms and join hands. One person gets on a table and dives off on to the arms below. Every one yells "heave" and they throw you forward. About four "heaves" and you do a double flip at the end of the line on to a sofa. Sometimes head first or otherwise Bob too fixed "heaves" to get him to the end. They picked me up third and yelled like the devil when a big leather chair draped around my neck.

1st after Epiphany **Sunday 12**

(12-353)

About 4 am the party ended. Settlers and torn clothes were gathered up. The party was a success. Everyone was mussed up. tired. and the furniture was broken.

JANUARY 1941

Monday 13

(13-352)

October 30-42

Bob and I made a few inspections. Then Marshall Lee and over for tea. There we talked of things pitally interesting to all concerned. Marshall Cunningham is one of the most charming and intelligent officers I have met. He shocked me. His responsibility is the bombing of Germany. Italy and France at night.

I'll rose in a night bomber to watch the procedure of bringing pilots out of Germany and landing them on the field. Navigation is poor. Weather is worse. Most of the casualties are at or near the airfield upon completion of the mission. Pilots are tired after ten hours of flying - especially after doing six hundred miles of zero rating and being shot at the remainder of the time. Crossing the North Sea, the Alps and locating a target that is blacked out is by far no easy task. My hat is off to them.

Tuesday 14

(14-351)

Of all the places they like Berlin least of all. They get more satisfaction out of that particular mission.

One Canadian 20 years old was in the area of Berlin trying to locate his target. Just below he picked up a German landing field. To see what would happen he pulled a Star flare. The Germans mistook him for a German bomber and gave him the green light to land. "Penny" zigzagged away for his approach and came across the landing line but instead of landing he unloaded his bombs load. To add insult to injury he then came back and both he and his rear gunner machine gunned the field. They are now wondering what the Germans think are Hoxers, to retaliate the day before my arrival 18 Germans came over and bombed an English airdrome. The damage was very bad. Spitfires caught them

Wednesday 15

(15-350)

enroute to the Coast and shot the 18 down. Their work was done.

"Teddy" Bear who has made 37 night trips into German for Holy bombed Berlin recently. On this My home he sent a group of letters that caused much laughter. When the group had been arranged properly it read - "The natives appear to be hostile." He has received the D.F.C. for long hard service. Rightfully so.

Vice Air Marshall Bennington Lord us our for dinner. We were going on a Beagle hunt but a raid caught us. This home is a most elaborate building. It is bordering the palace steps. One would never imagine that a war was being fought so near - this mother, wife and servants occupy the building. The offices are situated in a building that was at one time the summer home of Queen Bess.

Thursday 16

(16-349)

Mrs. Cunningham has a desire to see America. America to most Englishmen is a far away dream world. And so they leave you by saying - "When "He" is finished Libia set you in America."

October 3 -

Bob and I returned to London. Kept more turned in. We live at the Cumberland Hotel Marble Arch. Many places in the area have been bombed. Colonel Bliss - Medical Corps. aides in digging out several English officers two doors from the American Embassy. Pa for the Embassy stood -

Right at Vance and I went to a restaurant, first door from the hotel. Being "Notions" we did not use a "torch" (flash light). The rain made it worse. We must have hit a dozen people. They come out of nowhere. Before you can duck you are nose to nose

Friday 17

(17-348)

with someone.

At night men and women come down on the elevator loss dressed in pajamas ~~and~~ carrying bedding. Some have sleeping bags. Seven out of nine are Jews. By day the area is a restaurant - at night it is a shelter to sleeping.

Children are crowded into the tubes. Women and Children spend hours underground. They sleep within a few inches of the tracks. The trains outside to a probe eighteen inches from a head or a foot. Thousands of them are underground. Some are taboon grounds to stay. In the tenement section it is not uncommon to see most of a house gone. Windows missing, doors flat - and on a stick a tattered flag of the Union Jack defiantly waving in the wet breeze.

Ask the question - "When will it end." They do not know but they assure me that they will stand on and on. "We" "We" can't whip England - They say.

Saturday 18

(18-347)

November 1. 1940.

Today I am in Bournemouth, four hours by train from London - twenty miles from the dock at Southampton. The Germans have been over and are after the docks. Days of the week I have been lost by me for sometime. They all seem the same. We have two kinds of days. Cloudy and raining. Today is one of those typical raining kind.

2nd after Epiphany Sunday 19

PM (19-346)

The time is 2:05 - A German plane is over the town. I can see

JANUARY 1941

Monday 20

(20-345)

him from the window. Twice he has gone over the hotel. Each time he wipes low to the target and drops a stick. I am certain that he is trying to locate the Observation area or the railway station. The station has been "touched" twice by bombs. Everyone here is looking and waiting for the "stick" to fall. They are all nervous. Most of them have come from London to escape bombs and now they are on the verge of getting one often in their laps. The 3" calibers are going in rapid succession and a slow firing 5" chimes in at intervals. The pack-pack guns don't get on here because of the low altitude. Why the pitfires do not come over I don't understand. Again he comes back at about 1200 ft. Residents are running from

Tuesday 21

(21-344)

one end of the lobby to the other. Some have gone to air raid shelters. Old women and men stand huddled in corners of the large room. Some talk in low whispers for fear of attracting the Huns attention. The guns are going faster now. "Sorry" I don't seem to mind them. He is making another sighting run. Maybe he will let go this time. Everyone grows deathly silent as the propellers drone. The pitfires have come out. There must be a mistake. Here he is just over the hotel. There is no poking everyone waits. The next sound should be the motor sound. Gone now and conversation is resumed. Too good to be true. There it is. He is coming out of the low cloud

JANUARY 1941

Wednesday 22

(22-343)

The Rhine is increasing every second. The ground guns are getting out now. How can they miss him. He must be doing 400. Everything and everyone is a muddle. They know what is coming. You can hear it there is no doubt; if we can't there will be no need to worry. There it is! One — two — three — and four — The building rocks slightly. Glass jags out of the gorge front window. The curtains have been pulled and prevent it from flying around. One old lady is crying but not loud — a small boy is crying. The attendants are holding the revolving door. The fast, short bursts of eight thirties accompanied by the whistle of a fast fighter. Sounds like music. Everyone smile. A

Thursday 23

(23-342)

Spitfire is after him. They go out to sea. Everything is quiet again. The rain is coming down in torrents. We reach for a cigarette.

Late: Four bombs, 250 lbs. dropped on our area. Considerable damage at Bournemouth. Casualties few. One Ju 88 crashed fifteen miles from Poole. Crew killed. No loss to R.A.F.

Friday 24

(24-341)

November 2, 1940

Somewhere in England.

Bombing Stations - 50th and 102 Sqdns.

Wing Commander Sutton - D.F.C.

Wing Commander Teddy Beare - D.F.C.

The fighters are receiving most of the praise for the front pages. They are doing splendid work. They are led at twenty six.

These boys at the Bomber Stations are pork, loose. Fifteen hundred mile two nights out of four. Four round trips cover a Water flight the distance of the Atlantic. They are carrying the war to Germany and they — at night. Misery they deal to the population of those Countries. Does that are to remind them of what London is suffering.

Saturday 25

(25-340)

Does the guiding on one trip. Everyone wants to make it. They watch to see who will not be allowed to ~~make it~~. That is going to be a great surprise later. We shall see.

~~November 3, 1940~~

✓ ~~Post office. Stand and draw down in the Chink~~

Report Pilot. or U.S. Destroyer.

3rd after Epiphany **Sunday 26**

(26-339)

JANUARY 1941

Monday 27

(27-338)

November 4, 1940 One cow lost in the North Pen.

Tuesday 28

(28-337)

November 5, 1940

JANUARY 1941

Wednesday 29

(29-336)

November 6-7-8-9-10 1,000 bombs fell on this day—
Christ Church
Dr Clapp

*

The Munich Bier Hall was bombed. Such a pity Hitler was not trapped. We knew that the opportunity was going to arise. England also has a spy ring. Lord days of waiting for that one bombing raid had been gone through. It was close but not quite enough.

Thursday 30

(30-335)

November 10, 1940

Dr Clapp

Gen Yount.

Gen Yount

Friday 31
(31-334)

November 11, 1940 London England.

Today is typical of England. The weather is cold, damp and bleak. As I sit here on the top floor of the Cumberland Hotel the mist shall Down on the park below is a cold grey. London is in shrouds on this day. Barrage balloons nose in and out of the low clouds. A menace to diving bombers. They look like huge sausages floating around in mid air. The sheets are washed clean. Thousand Glisten like long black strings. Through the glum faces people rush back and forth hurrying. Blitz time is near. Hitler dropped many "ticks" to-nite. Armistice Day.

To me the city looks sad - silent - & inside its bodies people are going about their chores. They are thinking - how bad will the raid be? They always wonder. A raid is on now. M.E. 110's drop bombs from 30,000 feet and seem to Bombs fall any place - does any one. They are whistling when they are released so high -

Saturday February 1
(32-333)

November 12, 1940

The night was comparatively quiet. During the day some 60 hundred and fifty Huns came to the Coast but were driven back or battled. The Italians tried to escort and bomb England. Their aeroplanes were of the 1937 type - Wooden and obsolete. The R.A.F. Harricane scattered the formation and then shot down nearly all of the invaders. It was a bad day for the Hun.

4th after Epiphany
Purification

Sunday 2

Candlemas
(Scottish Quarter Day)

(33-332)

FEBRUARY 1941

Monday 3

(34-331)

The R.A.F. boys have been waiting a long time for the Italians to come over. They say they hate Italy worse than they do Germany. The Italian bomber pilots were carrying Mine and Chase. Bayonets and Land grenades. They were prepared to stay a long time. Most of them will - in the March Sea where they fell.

Today is overcast. Long lingering clouds follow each other on the light winds. They are all floating towards Germany. In the Streets individual whirlwinds gather autumn leaves and spiral them above the people who are rushing hither and yon. The big balloons are stoked. Above. Across the park one is missing ~~back~~ and farther on they gusty ground breeze. They seem to be restless because they are not floating high above London today.

Tuesday 4

(35-330)

The raid is over. Thru the trees away. Through the Clouds. Spots of pale sky peer down. An alarm is on. Short bursts of machine gun fire float down at intervals. Men are fighting on Wings of death. The R.A.F. is saying "They shall not pass" The Spirit of Mars is "Let no man" is protecting London today. Through it all hundreds of tame pigeons in Hyde Park pace the walkways asking for crumbs of food.

November 13, 1940. 7th floor of the Cumberland Hotel London, England.

By actual count one thousand bombs were dropped on London today. How long can this city survive? 70 percent of many important docks have been shot away. Mile after mile of water front has completely disappeared.

FEBRUARY 1941

Wednesday 5

(36-329)

Millions of people are underground. Children are brought out for fresh air and then started back to the tubes by two P.M. each day. Two million persons have been evacuated. Seven hundred thousand have been bombed and destroyed. Persons are leaving at the rate of one thousand each day. Not many streets have escaped the fury of a bomb, large or small.

London - Greater London is 700 square miles and stretches over a surface of some twenty odd surface miles. Eleven Million souls lived within that area at the outbreak of war.

Lesser London is inhabited by seven Million persons.

Thursday 6

(37-328)

London proper - one square mile - is crowded with one million persons. Should the water mains be bombed disease is certain to rage - Underground rooms - lice and mice.

November 14 -

Bob Williams and I are off for a Central Pacific Pond, about five hours on the train - Maybe ten hours if there are many raids - longer if the train is attacked.

Waterloo Station:

Waterloo has suffered heavily during the night raids recently. A raid sounded while we waited - We just sat. There is no need to run. Where the safe place is no one knows.

About three o'clock we changed trains at Bournemouth - Town - found us at

FEBRUARY 1941

Friday 7
(38-327)

our destination.
Our Chauffeur was one of the W.A.F.F.S.
Bob dropped his tin hat (when the young lady reported to us with a snappy salute) his finger was in the door when she slammed it with great gusto. I asked her to open the door and release my finger but the first attempt was unsuccessful. Bob persuaded her to allow my finger to drop out of the hinge. Bob wounded, by a dropped salute! He was very much perturbed. Naturally, as was more the first American officer she had seen. She rejoined the pleasure by drilling a hole through the roof.
Bob just missed a good show. One hour after we arrived a JU88 flew over our destination. Marsh, a few months of twenty, made three passes at it but failed to hit the mark. His fourth approach was close in and a success. The German crashed and all of the passengers were killed. Number 5 for Marsh. How he got out of the scrap I cannot understand. The German gunner had the propeller whizzing. His last burst fired by him landed on the wind shield directly in front of Marsh's face. That was the last burst for either. The bullet proof glass held. The German died.
Fighting is more fun than I thought.

Saturday 8
(39-326)

November 14.
We attended a party held in the officers mess. Mark was present. Some bloke said "Did you hear the news?" His reply was "I do not listen to the news. I make it. The RAF is that way."

Septuagesima **Sunday 9**
(40-325)

FEBRUARY 1941

Monday 10

(41-324)

Bob lost all of his blazer buttons.
Nearly all of mine are gone. Pilots trade
RAF for U.S. buttons everyplace we
go-

November 15, 1940

Today we visited a very interesting
post. "Dover" has tried for it many times.
The Downs Gunners are trained in the
school. We rode on a mission. As well
as being an observer I also asked
to be the lookout. Enemy planes were
reported in the area so I to report
any airplane sighted to the pilot.
Then to Dover headed for Bournemouth and
then to London. London received a heavy
bombardment last night. It is just as well
we were out of town.

Tuesday 11

(42-323)

November 16, 1940.

Sure glad that we remained at
Warmwell, Bournemouth was bombed heavily.
50 persons were killed. We seem to be
one step ahead or one behind the bombing.
Hope that it remains that way.

The Germans want over our flying ground.
for a time the Commander thought that
they would try for an attack.

Coventry was bombed. Beyond a
doubt it was one of the worst blows
of the war. "Jerry" is trying for airplane
marks. Civilians took the brunt of
the blow. Thousands were killed - &
many others are homeless. The Germans
are pounding now. 500,000 pounds
of explosives and incendiary was
literally dumped out - Fast
work it is my style.

FEBRUARY 1941

Monday 17

(48-317)

Lizzie home on the train brought us back to London on Saturday. After living out where there is no black-out curtains, no electric light = the English bombed Hamburg again and Hitler promised a more concentrated effort on our city. The night Mrs. Moss passed it [illegible] and watched guys die for the dock possessions. This morning behind cars is business. Again I had just returned from my bath when the air-raid sirens in every direction - found just out of my mind and opened up. The drone of Nazi planes was coldly heard above the clouds. The sky was overcast and "Jerry" was looking for his target. One sits, or stands, and slowly walks around during those minutes - just sat - and waited. The sound of

Tuesday 18

(49-316)

Motors seems to be the only thing that matters. You follow it with your ears as it comes nearer or as it fades away. I just sat and listened - and waited. The gun fire increased and the drone deepened. Surely, you think, it can't be overhead. Then inevitably happens - first there is a long ever increasing whistle. A sickening thud and the building quivers. You listen for the second one a few seconds and then relax.

I extinguish my light and peer out the window to watch the gun fire. A long trail of black smoke and then another. A bright fire burned about two blocks away from Parachute flares illuminated part of the city. London and its artificial lighting at night.

FEBRUARY 1941

Wednesday 19

(50-315)

November 17, 1940.

Today is Sunday. Clear skies and brisk air. One would not realize that a war was being waged if one's eyes were kept closed to the workings of civilians now. The people in Coventry don't forget. They are burying their dead and starting to rearrange all the same time. To sit on top of this huge stage and watch the war as it rages - to see the misery and death it brings to millions of people is indeed a rare opportunity. I should feel apt. On the contrary revenge is uppermost in my mind - I hope to see the day when I, personally, can deliver part payment in kind to the parties responsible. Playing from it all from my present seat but I am ready to be one who does it out from abroad. I believe that Americans, if allowed to,

Thursday 20

(51-314)

can end this war. We can take it and certainly we can dish it out. The English can take it but they can't do the other "American Style" - the way it should be done - I shall remember these days - those people -

Last night I did not unpack my bag. Gunfire and bombs would not allow me to sleep - Was ready to move out at the first sign of fire. There is full moon tonight - Will not unpack.

November 18, 1940

Last night was noisy but the bomb range was just two blocks East of our hotel. Selfridge Dept. store was "touched" slightly.

Friday 21

(52-313)

the block adjoining I was just about destroyed. Walked down and looked at the mess. The end of one large building was cut off completely. Racks of fire plates with broken bristles were left hanging on the wall. One bath tub and a flower pot were ~~silently~~ eerily glaring out at the onlookers. People commented and passed on. A heavy bomb went through the center of the next building. All of the inner structure was wrecked and the huge building gaped to the inside. Windows and doors took on queer angles. They reminded me of Halloween pumpkins. Water mains spouted. Men were hard at work - day and night.

November 19 1940

We arrived at B.D. after a long hard drive. ~~SAW~~ my old friend, and test pilot, ~~Rhayasbottom~~ Rhayasbottom Sherwood. The station is so secret an extra K.P.T. officer was used as escort. Lord Beaverbrook goes in his car for transportation. A B-17 is there undergoing a test - a test they hope will eventually do away with German night bombing. The Ogpu is there also - Lotta, L.G. and certainly it was more a name for it. Beautiful.

Bob and I ate in an underground restaurant - so did about 1000 other persons. Once in the hotel I stay there, nights are too black for me to navigate -

Saturday 22

(53-312)

Quinquagesima Sunday 23

(54-311)

FEBRUARY 1941

November 20

Monday 24

(55-310)

one cannot visualize what a floor-out is - unless it has been experienced. Most of these people are accustomed to it and they too are confounded at times. To walk from a brightly lighted room into inky a black abyss is an unusual experience. The tendency is to pierce out and touch something. There is nothing but space. Persons who have been out longer than you have can see - a little. One feels foolish as a face to face contact is made. "Excuse me" means little because you have repeated the act again. After some minutes objects begin to take form and navigation is some easier - unless it is raining. Street lights are shaded from the top. Small round puddles (lights) dot the streets as automobiles cruise around. Only one headlight is used most of the time.

Tuesday 25

(56-309)

both are screened to allow about ten feet ahead of the vehicle. When raids are in progress two small running lights are used. To meet an automobile on the wrong side of the street with two lights. The side of a dime is a mighty experience. Stop and go signals are closed except for a small cross.

November 21, 22 - 23 - ~~24 25~~

Watford -

Bob and I entered for one of the training units in Scotland. There we observed the elaborate system of stocking men to bomb and shoot. The training is interesting and instructive.

FEBRUARY 1941

Ash Wednesday **Wednesday 26**

(57-308)

I arrived at the Euston Station about 15 minutes ahead of Bob and purchased the train and Supper tickets. Normally the lights are shaded and going about is difficult at first for me at least. We were to meet at the ticket office. Before Bob arrived a raid started and the ticket office no more & the interior of the building. All the lights except those specially for guard purposes were extinguished. Navigation then got to be a problem. As the raiders approached and bombs fell all lights were extinguished. Euston Station has been a target as it still is. We are not issued to do but stand still. Maybe listen for a "Dreamer" sometimes known as a "Whistler". Do these people just stand. If nothing happens they begin to move around again. Ten minutes to Departure

Thursday 27

(58-307)

time came but Bob was not present. I moved to a more strategic position where all persons could be observed. By chance the two of us ran together looking for each other. We boarded the carriage and settled our luggage in the dark. A long train was started from our car to the diner for dinner. By making through strange rooms in inky darkness. By maneuvering struggling cars with fast moving trains are the rule. Luggage and small baggage cars fill out with everything. The trains are ours that may be baggage cars and passenger cars are just put together. Doors often leaping to open and there you labor the milk known "swinging door" in reality. We reached the

Friday 28

(59-306)

end of the train and the car eventually. The train was on its way through the Midlands. "Jerry" was working in that section intently and had been for four nights. The train came to a sudden stop. Lights were extinguished. engine lights were covered with black cloth. I went to open window and watched the lights as they were placed back and forth across the sky. Every thing and everyone was quiet except motors overhead. Motors cut of approaching to Coventry the roar of thunder. "Light flaffs" were going up to the vicinity of the Hun. Their course could be followed by watching the burst of AA shells and the sea searchlights. As they passed NE to some distant objective we moved away.

St. David's Day ## Saturday March 1

(60-305)

arriving Perth Laurs late in Scotland.

Our destination was a place twenty miles from Northern Ireland. Lights, Aerodrome protect the field and watch for enemy bombing parties or reconnaissance. Bombing Patrol for out across the Atlantic hunting purpose craft and Submarine. Canadian fighter squadrons that have done six months around London come up to rest and practice gunnery. New men are taught the art of killing - to dive. Beautiful hills of Scotch Scotch grass covered huts from which smoke

Quadragesima **Sunday 2** *1st in Lent*

(61-304)

winds away towards the sea, look down upon ~~[illegible]~~ streams of clear water that flow on and on to

MARCH 1941

Monday 3

(62-303)

God knows where. All of the beauty of a beautiful country contributing it's all for a cause — to survive — &

November 24.

One month ago Today New York City Six months from today has been lived since my departure. One ocean crossed — Millions of men — Hellish men.

Today is Sunday fair and crisp. Sun above high above London. Visibility is good and the sky line stands out vividly as it stretched towards the East — and the English Channel.

The balloon barrage sways gently in the brisk wind. Huge sausages that stood suntined over the crowded streets of pedestrians doing Christmas shopping

Tuesday 4

(63-302)

tours. Stores are closed at one each Saturday. Shop girls and working men go to their homes in the suburbs to relax and repair any damage done during the week. And the people spend too much money if the stores remain open. Inflation is feared.

Last night was clear — & Searchlights moon was high over the city but there were no raids! Why no one knows. Hitler for he lost two planes to them the night before heavy raids. Maybe "He" is changing tactics. Maybe Hitler like Mike Millikan are afraid of those downpours.

Liverpool and Southampton London have been "bombed" again. Southampton docks are strewn with debris and ruin. Fires were numerous and out of control

MARCH 1941

Wednesday 5

(64-301)

Los Lanes. Six Hundred fires raged there during one night. Eight million pounds of food stuff lost in London. The Fire Chief was discharged because of so called inefficiency. He could cope with 1400 many fires! Broken water mains, incendiary bombs, poor facilities — and German bombers.

Bob and Don moved to a flat. Hotels are too crowded. Jews run often gain to bomb shelters during raids. Vault are abyaxiously crowded when the all clear has sounded.

Monday

The streets of London are crowded today. Two days ago a time bomb was found a pace at the pedestrians. They accept it as a matter of

Thursday 6

(65-300)

fact and continue to go about their daily tasks. Stores. Some I know, close, during air raid alarms and repair to the basement where business is resumed. Some have signs in front "Business as usual."

Bombed stores and offices carry the sign "To be Let." Streets are blocked off and detour signs appear everywhere. One cannot walk on any street in London where a bomb has not taken some toll. Yet, these people continue. They rebuild, repair and come to work - maybe returning in the morning to find a new bomb resting in what was their new building. One hospital carries the caption — "We are bombed down but not out."

MARCH 1941

Friday 7

(66-299)

Tuesday - Wednesday Thursday Friday

Butter has more disappeared from the meals that are served now. Milk has practically disappeared last night Had a bit of milk chocolate from the States. T.

I visited around the city today. one of the ships from the London Fire Brigade was my guide. Mo New York firemen were with us. We went to Dick Turpins Pub. The building is 400 years old. 400 years ago it was a hang out and hide out for the notorious highway man Dick Turpin. We toured the East End passing the famous London Tower. Criminals occupy the place now. They were bombed recently. We watched the Kids of the section as they played in the streets. a few hours out of the tubes. The Thames was crossed and re crossed also

Saturday 8

(67-298)

driven under once. Fifteen miles of Water front was made level by "Jerry" early in September. Not one dock is standing. The bombing began at 5:00 P.M. and continued all night. Millions of pounds of goods were destroyed. Millions of dollars in damage. Hundreds of persons were trapped near the Water front. Their only escape was by the river. Firemen rescued them by boat as the bombing continued. Many drowned - more were drowned as they frantically tried to escape. The docks of London are no more. One cannot imagine the havoc wrought. Hitler had the war won if he had continued two more days in September. He failed then.

2nd in Lent **Sunday 9**

(68-297)

We visited the Main Fire Station and watched firemen drill in rescue work. Three hundred firemen have lost their lives since the blitz in September.

MARCH 1941

Monday 10

(69-296)

December 9, 1940 Monday -

All the stores are closed again.

Bombs I heard again - This time I hope that we are settled. Our flat is my idea and costs only 12 shillings each day We are here and 6 bob for the boys We are away. £75.00 per month for each of us - and expenses are steadily rising. We are of the main part of the City but our location is fine for bombing at night. A time bomb hit just across the street - and exploded - most of the patrons here dispised immediately. Railroad stations are near us and soon there will be fireworks I am sure. We have an excellent view from our windows on the ninth (top) floor. We have no neighbor.

Tuesday 11

(70-295)

Smile is clear and cold - The moon is hanging high ~~out~~ Bright flowers are lost upon the street. Not a single alarm has been sounded for two nights all has been quiet. Trouble is in the air Sam said. All Hell will fall out of the sky soon - if and a judge of the tactics used by the Germans.

I have nothing Harry Arrows new book "The Damned Don't Cry" - It is about Savannah. Ga. So far away from home get to near. I can see Bull Street in my mind at times - Like my own

MARCH 1941

Wednesday 12

(71-294)

Incendiary bombs.

Sunday night
December 8. 1940 —
"Blitz" 6.30 P.M.
Hell is on the wing. The sky is
dripping blood and Thunder Tonite —
I took real at the "Blitz" and I thought that
I had experienced a part of it. Up to
this time I the others how terrible.
Tonite is the real blood and thunder kind.
Sixty thirty was the "lid off" Bombers
came in Continuous waves for seven
and one half hours. each wave dealing
death and destruction and fire. There
was little panic experienced
there was. Women gave utterances —

Thursday 13

(72-293)

Low groans — and cursed their foes.
Men cursed in undertones. There
were no children present London
Conspicuous by the lack of
Children —

at 6.30 P.M. the first thick & heavy
fell. The clock in an Labourdonnais
Tower across the Strut struck the
hours.

I had been standing on our roof
above the hotel watching — an listening
to the bombers as they swooped back
and forth above the city. It is a
weird sound. Motors at Thrum out
of synerization to set the tracking
devices to be done — listening
and wondering why you are there —
waiting for the explosive to happen
as you know it will — cause —

MARCH 1941

Friday 14

(73-292)

Pimple to Jones and up comes up and down goes back. All to one side the sky lights up. Two more burning. Jones 2 two. Battery opens up at them. Just failed to hit the mark. The glow continues to burn - and drip long streaks of fire as they dragged. You are convinced at last time that bombs are to fallow shortly. Where? That is the question. There is no use to move or run. He can't see you. You can't see him. Wait & that is all one can do. Wait.

Back and forth. back and forth they go - drone drone. Gun batteries fallow the sound and fire - incessantly. Yellow flash & 2 do near, they for the entire Building. You look up and watch the flash as they pit the sky. Hundreds of shooting

Saturday 15

(74-291)

stars appear in the heaven. Overhead the drone - drone comes nearer - more batteries open fire - The whole city is shortly - Fireworks are everywhere - Literally it comes. Jagged a long drawn out hiss - then a flutter. One expirience will tell you that it is a stick of incendiary bombs loaded with fire - they fit and ignite - hot penetrating fire. Men run for them - Motor cars throw passengers out them - Taxi drivers stop and kick 'em out. Everyone fights to keep them down -

After that 3rd in Lent **Sunday 16** hold your breath and listen. A (75-290) screaming whistle tears the silence - Some one says - "My God duck". You fall where you

MARCH 1941

St. Patrick's Day

Monday 17

(76-289)

Stood ~~Stood~~. and wait. At 9 o'clock p.m. lights and explode - Strong men tremble. Gave the all clear again - and ready to carry on.

The Germans hit London this first night - They came early and stayed late - Far at least forty minutes the first contingent flew over and around the city. I listened to them as they came within hearing. The A A guns and followed them around their circles. Back and forth they maneuvered. Sometimes diving sometimes sliding with my flight motors. Engines stormed up at full power as the "flak" came too near. maneuvering to change position to a safer altitude. Sometimes they "Dived" and continue down - the A A Guns found its mark -

Tuesday 18

(77-288)

Being satisfied of their position they released two flares - and maneuvered away to look the area over - to start a bombing run. Supposed that no more going to be bombed but my fear was overshadowed by curiosity - so I just stood. The flares burned out - others were released. ~~And~~ more set and satisfied -

The German

About me there was a flutter, coupled with a drawn out hush - the things crashed to the street by air incidiary - and ignited - I hurried below to see them - The street was teeming - men fought and stamped the sparks out -

An elderly gentleman screamed that our roof was on fire - My clothes were on the top floor (Darn clothes on top it seems

MARCH 1941

Wednesday 19

(78-287)

up M Myst- A fire Warden and I. M. met in the dark and yelled to each other "All Clear on my side"- I started down the Spiral rail fire stairs about Ground When the Sound of all Sounds began. The Warden yelled "For God Sake Captain Come up". Then I Sat up. I do not know but I Min by time before the Sound passed. Overhead it whistled- down- down nearer- like lightning it came. He and I huddled together- holding each other- (and I never had been introduced to the gentleman) at last it crashed just across the street. Hell broke loose as the HE exploded. Long tongues of fire shot to the Heavens- My mind went

Both of us laughed & more like a dry cackle I must admit. We looked over our heads and realized that we had been crouching beneath a sky light as a protection against bombs-

Funny what people do when startled- Ostrich might- instinct- just plain damn fools-

Another day- another dollar says

December 9th 1940- ~~X X X X~~

London continued to burn today- Fires were under control but some smouldered

Today Lt Williams and I walked to work Baker Street- Glass covered the entire

Thursday 20

(79-286)

MARCH 1941

Friday 21

(80-285)

Street. Shop windows were blown away. Rescue squads were busy clearing up the debris. Firemen were busy fighting by other Corps of men to extinguish small fires and to search for bodies.

December 10, 11 - 12 -

Today we were forced to delay to get to the Embassy. Some of the buildings on Baker Street are roped off because of the possibility of collapsing - Traffic Los Angeles discontinued.

The way one can tell - and realize, that London is being bombed is by the new routes that Parasites a different detour.

One raider came over today and

Saturday 22

(81-284)

"touched" the Shopping Center. A few persons were killed. That is one of those "lest you forget" or "reminders". The past few days and nights Lon Angeles have been the Midlands have been hit often and hard -

Sheffield, Liverpool and Northampton Lon Angeles bombed again. The Center of Northampton Bros. Completely "wooded" - Water mains were broken and the activities of the entire city disrupted. The King is on an inspection tours of those places. He is very popular. The

4th in Lent **Sunday 23**

(82-283)

people say - "We Nips hurled it up again" I say it will take them

MARCH 1941

Monday 24

(83-282)

Fifteen or twenty years ago the housing
~~m~~ Halted flows.

Hitler is concentrating on the
industrial Centers. The lights are
clear and a bright moon Looms high.
December. Friday the thirteenth. 14-
15-16-

Bob and Dare back in town again.
Out in the field everything is quiet.
The drone of motors passing over
head is the only thing that breaks
the silence. Everyone is
alert. Who knows when a stick of
incendiaries will come out of a
"Molotoff bread basket" followed by
some H.E.'s.-

Lady Day Tuesday 25

(84-281)

The people here are outwardly composed
however there is underneath that
external poise a feeling of
realize their feeling after the
experience of a few days ago.
Ones stomach automatically falls
when a falling bomb is heard-
Walking down a dark alley with
menacing thugs swishing out at
you with clubs. You can hear
them but do not know which
way to dodge.

Last the city paid Sunday night I
tried to locate some of the boys
who are in the Cumberland Hotel,
including Colonel Bliss and the
New York Times. The city was
as light as afternoon I sent

MARCH 1941

Wednesday 26

(85-280)

Fire Wagons and Motor Cars made the trip impossible. Colonel Bliss sat in his room; lights out and doors not running. Because of a near by explosion. ~~He~~ To pass the time I made a mark each time an explosion went off. After he reached one hundred and twenty I went to the door to the room where I had just moved from was blasted open and the Kingdon glass blown out. The Colonel went down stairs in the dark.

One of the firemen seems to be "cracking up". He got home mid nite for a trip. After the trip came I learned about it from others. Today he told me that he was going to be a hospital patient. He tells me of

Thursday 27

(86-279)

Miami, Florida and how the sun is shining there; how peaceful it is. The Reds to quit and get on a good bender, maybe. I feel sorry for him.

December 17. 18 - 19

Four of us visited the "Holy of Holies" of His Majesty Command Headquarters. It is elaborate and efficient. Twenty six men and Women work on one table were about busily that number, directing from above. We watched a Lancaster ride Circle London. unload and return to our home station.

MARCH 1941

Friday 28

(87-278)

Remember 20 - 21 - 22 - 23

The 20th I left on a special mission. May be back in town for Christmas but I doubt it. The schedule says return to London January 7th.

I am now just about sleeping with my Army coat. Collecting dust of this nature and carrying it around is not to my fancy.

Two days I was passed and I soon toured the Southeast of England. Broadstairs, Broadstairs, Dover and the Cock Lane Ghosts. Stratford-on-Avon. Shakespeare home and Oxford. All of the quaint little towns nestled in the hills look identically alike. Leading to them are narrow roads and narrower street. Sometimes fancy

Saturday 29

(88-277)

that I am in a fairy book as the roof thatched houses are passed. Each village has a "pub" - (public house) To me they are hotels but to these people they are an institution. Bed and breakfast they advertise. Some are hundreds of years old and are filled with furnishings that are beautiful. Winding stairs, narrow halls and high beds are the same in all. Elderly women are the managers - the men having gone away.

Small streams cross and recross the old country roads. Old buildings are here and there. Ancient castles that have fallen in the surrounding moats are hidden from view by what the English call a "forest."

Passion Sunday **Sunday 30**

(89-276)

Monday 31

(90-275)

One forgets the war while motoring until the journey brings one to a small manufacturing center or a war plant. Camouflage is everywhere. Covered homes are painted dull and grey.

Air journey carried us through many miles of winding highways today. Frequently the drivers asked for directions. All the sign posts - names of towns - have been taken down because of the fear of invasion. Eventually we arrived in Coventry. Coventry was a city of 150 thousand souls. One night the Hun hit it hard. All night in fact. Two men and heard the drone of bombers as they passed us by. Today Coventry is a wreck. 30,000 houses were hit by either bombs or flast. 3500 persons were killed. (The paper

Tuesday April 1

(91-274)

said a few hundred) 400 in one hole were blasted away. Long ditches were dug to bury them in. Fire gutted the business part of the city. One of the oldest Cathedrals in England was ruined. Christmas shopping was in full swing when we arrived. Stores showed the familiar sign - "Business as usual". Others, "We are bombed out but not down". Wreckage obstructed the street and sidewalk yet women and children continued to navigate over or under it. Some laughed. Some cried. Others stood motionless. Workmen mutely pulled down "snaggle tooth" ruins and hauled them to a huge pit on the edge of the city. I went up to the third floor of a ruined equipment depot and found a scorched Jerry. His Commander (Just an ordinary "P" pot with gold stripes around it.

APRIL 1941

Wednesday 2

(92-273)

"Pub" Liverpool, Manchester and Shyffield are Catching a doze these days. Southampton has lost its business district.

Squadron Leader Needle, four years service and a major has been my escort. We ride in a RAF Car with driver. He is arriving me to London for the 25th Christmas

-1940-

Merry Christmas Lilly and the Kat. about all there is to it. Neither Bob nor I remembered Thanksgiving - Bob was away Christmas. He fixed a

Thursday 3

(93-272)

few funny decorations. Before he left and left me a note and then returned the following. He and I got a little tipsy on Canadian Club - 6 shillings per bottle - $1.20 We bought a coffee pot - coffee - oleo - crackers - soup and had a affair. Christmas Day I walked to the Cumberland Hotel at Piccadilly to eat dinner - for about $4.00! The damn Jews had reserved everything. Hitler won't worry about this Jew. Nearly all eating places closed on Christmas Day so I ended in a "dirty spoon" Cockney.

Bob came back and we had a few drinks for Christmas. For the U.S. for our friends - our enemies - and then the rest of the battle for ourselves.

APRIL 1941

Friday 4

(94-271)

26th This is a Hell of Christmas. No mail— no cable— no nothing— Not even a raid— Get lonesome now & the nights are quiet— especially since we are on the top floor (902). It's cheaper up there.

27th Leave for Ireland again tomorrow— Wonder where Douglas, Moffit and Bliss spent Christmas. They mailed in Poole four days. Maybe the Tuscolosa (45N) will pick them up. Three more trips and I will be ready to leave for home. How long will I have to wait? — ?

28th Out again. This mission is fun in a way— Everyone is sweet to me and the Jaffiers mess food well. All day I work, listen to ten thousand words and

Saturday 5

(95-270)

take notes and then write until 10:30 or 11:00. My mashed finger don't bother it. Damn that WAAF officer who closed the auto door on that finger. Women in army— umph ——— Williams dropped his tin hat on his foot when she saluted him and reported as the driver of transportation! I laughed about that — until my finger got caught. Wounded by a WAAF corporal— to it.

29-30—31

I am still one jump ahead of the Blitz. Fire stick rained on London Monday night. Maybe my pants are burned. There is no way to find out. From all accounts "He" intended to "Coventrize" London. Saul Mather came in and

Palm Sunday **Sunday 6**

(96-269)

APRIL 1941

Monday 7

(97-268)

They lost the target. It must have been back as part of London was burning days later. "K" will be back. Post Post Lost Queen Mary closed for hours. One hour and thirty minutes to drive two miles.

New Years - Happy New Year - 1941

Wreddle and his wife who came to see him took me to #1 Group for a New Years Party. I enjoyed it. My first since Boys Town. Maybe I didn't know the right people - or do not stay in London long enough.

I nearly lost my tunic. (Blouse to me) buttons and Harmonys. Some wearing R.A.F. buttons. R.A.F. officers cut off their buttons and then ask you to swap -

Tuesday 8

(98-267)

What can one do then? just trode - There is 3rd Group insignia side by side with a Free French coat of Arms at one command. A D.F.C. fighter pilot is wearing another. A Polish fighter pilot who was killed last week. A nineteen year old New Zealander who has brought down eight Germans - one as was more dizzying on the field - is wearing one of Bob Hilliard's buttons. And not to be out done one both have a R.A.F. button.

Was actually like "Mrs. Astor's Pet Horse". Every one had to look at the uniform. The people actually follow you in small towns - and eventually ask you to have a drink. Almost nearly elected President of the United States in Bournemouth election day - H

Wednesday 9

(99-266)

FDR Lod lost the election Knows how
Cleo lynched— These people think that
he is a God!! The New Years party ended
after all the decorations were destroyed—
An old English custom. a Paul Jones
and lots of English songs— Followed
by God save the King! It was the
first party many of these officers have
attended since arrival— Mr arrived
safely through the blackout about
two A.M.

January 1st 1941

Tomorrow I move on to another "hush-hush"
place. Am so full of secrets now I perch
in the corner like a gangster afraid
of being shot at.

"

I heard from "Teddy Bare" a few

Thursday 10

(100-265)

days ago. He is about 5'4" and
tides behind a Adrias mustache and
round belly. He is a D.F.C. and has
made thirty seven night raids into
Germany— Across the Alps and into Italy.
He was taken off operational missions
when he reached 30 thirty trips— Since that
time he has chalked seven extra trips. ~~to~~
~~Berlin~~. Returning from a bombing
flight to Berlin he sent a message
to his group in code. When it was
decoded it read— "The Natives appear
to be hostile." He had an exceptionally
good night— so he said— "Teddy is 26 yrs a Blood—

I heard a few days ago that Marsh— the 20
year old was to be awarded the D.F.C. He
is up to 9 enemy planes now. ~~One~~
~~when I was entered the first he was~~
~~up in a Ju 88— German bomber— The~~

APRIL 1941

Good Friday **Friday 11**

(101-264)

tried two more attacks but got no results.
The bombers were about to get away and
the boys on the field were watching him.
Most of the Germans always the Spitfires
to keep on the pursuit and not
come straight in head on. He and
the Germans did at the same time.
About five yards off the ground
Blood and the pursuit ended. The
Germans crashed about two miles
away. Only 2 of the crew of three.
Lucky Day "God Bless".

Nine of ours were killed at high noon
at Beccles. 18 Germans came over
and hit the officers mess. "Spit fire"
caught them as they were trying
get away. We watched those Devils

Saturday 12

(102-263)

"scoot" across the field at Linton
at dusk one day. Not much damage.
Williams knocked the skin off one
leg falling over a chair in the
dark. He nearly got caught out
side the dug out. So many were
trying to get in at one time there
was a jam in the entrance. Laughed
at those fellows. They bombs the Germans
and then run like Hell and high
water when he comes over. As one
boy said- "We are on the top side to
Jones there- and he is on the top
side over here".

Easter Sunday **Sunday 13**

(103-262)

I feel as though I am at Boxsdale Field-
It is 10:30 at night and aeroplanes

Easter Monday Monday 14

(104-261)

are flying all over the place. Some are going to Germany. Some to Italy. Maybe just across to the Channel parts.

Drove to Adrian 150 miles. Nice run. Birmingham country to my destination. The 7th Return to London. Made a report and got out for four more days.

A Cable came from Shufe. Merry Christmas Darling. Wonder if there Price be next Christmas. Yes. I think so.

London has been under "alert" 1180 hours or a total of 48 days.

The sirens has sounded 400 times. It sounds for 3 minutes at the time for "alert" and 2 minutes for the "All Clear"

Tuesday 15

(105-260)

Practically all warnings (400) Lon- ters since August 1940

~~January 2~~ 1941

No bells rang in all England New Years. Church bells never ring. The only bells one ever hears are fire bells on trucks as they race from place to place at night. There is a rule like that has not been tampered with, ringing of church bells. When and if the Germans arrive all the bells in England will ring as a warning. Men and women and children will meet the Hun in open fields, lanes and streets. I am certain that the North Sea will be filled with blood and that the Rhine Stream will be scarlet.

APRIL 1941

Wednesday 16

(106-259)

Throughout the night men and women worked for parochedist night after night through cold and rain through Kelp rigid. All of the farm lands Los been cut to pieces with ditches as obstructions to prevent airplane landings. Long stretches of straight lighways are lined with concrete poles at heavy cables are stretched overhead. Ditches in the roads are covered by Machine Gun emplacements. A huge ditch Los been cut across the entire empire from north to South. The ditch of the land. Soldiers move by truck transportation at night they are always moving so that the Enemy will not know where to make a concentrated effort. There are four million men and women in the service today and a

Thursday 17

(107-258)

New Conscription is Going Woke. Boys of 16 are joining the R.A.F. They will get eight months training they are 18 - if they are not needed.

Each night brings new destruction. Cathedrals are falling in the "blitz". London mourns hundreds of "Lyer gold" are burning to the bombs. / Fire Sticks" stick to old places and cause them to blaze far into the night. London is beginning to look like a moggle tooth person. (Don't remember)

Coal trains creep along under the cover of darkness and the city people go to the country on a week-end to get some rest.

APRIL 1941

Friday 18 ℄

(108-257)

Jamary 3-

London is quiet. Low clouds hang over the city and fog is a frequent visitor. They have closed me a lagun when clouds are thick - and then lets 'em go - anyplace. Good nights and bad nights they "visit" England.

January 4-5-6-7-8—

The inlaying cities are losing the top row. I can drive through some of them readily. One cannot appreciate the full meaning of the malicious bombing by reading the news papers. During the blackout - Except existing is no longer given -

Tuesday the 14th I left London and returned for two days existence. I arrived in London again the 8th of January 1941. My tour covered me

Saturday 19

(109-256)

over 700 miles of Lighting and to the regular Maintenance Command of the Royal Air Force - Some 65,000 personnel. I was treated royally. Ate and all questions were answered. Every place of importance, secret or otherwise was shown to me. Everything from the "hidden mansions" of Lorna Doone to the underground Ammunition storage depots is taken in part. Elaborate is a poor word to use in describing the set up.

I went through Oxford but my "credits" were not in order so I missed the education of the story - "ride the Banbury Cross" was visited. Cock Lane to Banbury Cross" was visited. The Cross is Sunday morning to boy

Low Sunday **Sunday 20** *Summer Time begins (subject to alteration)*

(110-255)

APRIL 1941

Monday 21

(111-254)

the cloth & Hathook on Avon and the Shakespearean atmosphere hit me at the same time. So did the snow storm. The cold penetrates most ~~[illegible]~~

Hundreds of thousands, millions, London evacuated to the inner part of England. accomodations are scarce and poor in place. Heating is as foreign a the home Title. One night found me in my overcoat instead of pajamas. no heat to go to bed by and none to get up by.

Our drive through the snow in an Austin, down the lanes of the Thames was beautiful. Dunmow Downs, hedgerows on the estate side, form a continuous string of buildings for miles. Down

Tuesday 22

(112-253)

these it is very nice in the summer.

Austins are not good cars to drive cross country in. They dance across the road, when it is snow covered, too much for my peace of mind.

January 10-11-12-13-14.

Back in the factory - Embargo - Reports are now in Athens and Greece to have many.

Bob Lee at last acquired an English accent - a bad cold and cough. Colonel Grant - M.C. arrived and met him tonight.

Loaned at home of Comanglo - Newway

APRIL 1941

St. George's Day

Wednesday 23

(113-252)

and Mabel films in color. I should know something when I look here. Have seen everything Shelley — XX

15/ Br L and O to Liverpool tomorrow. Saturday we will do some flying. We began signed up to do ferry work for the RAF on our days off — especially Saturdays and Sundays — We to certain place and fly an aircraft to it assigned destination. Any Questions we going a night or two something happened to her. It is all a dark mystery at the present.

There will be no Liverpool for me.

Am going home. Beaumont, Tobe-

Thursday 24

(114-251)

The Clair Going to and on to Lisbon Boat. Will be in New York, Washington and Boston then home —

APRIL 1941

Friday 25

(115-250)

Saturday 26

(116-249)

2nd after Easter **Sunday 27**

(117-248)

APRIL 1941

Monday 28

(118-247)

Tuesday 29

(119-246)

APRIL—MAY 1941

Wednesday 30

(120-245)

Thursday May 1

(121-244)

MAY 1941

Friday 2

(122-243)

Saturday 3

(123-242)

3rd after Easter **Sunday 4**

(124-241)

DECEMBER 1941

Friday 19

(353-12)

Saturday 20

(354-11)

4th in Advent **Sunday 21**

(355-10)

DECEMBER 1964

Monday 21

1964

Jeyes 10

DECEMBER 1941

Wednesday 24

(358-7)

Christmas Day

Thursday 25 ☽

(359-6)

Boxing Day **Friday 26**

(360-5)

Aerial Gunnery & Bombing.
organization:
Station. Group Captain.
Wing Captain.
Bdns.
Station does all of the housekeeping.
Depts:
(1) Towing (2) Gunnery (3) Bombing.

Training of Gunners.
130 Air Gunners each 4 weeks.
60 Observers. each 8 weeks.
Ratio operators has had previous training before entering the Observers School.

Activities.
Decoy Shooting. Spot lighting.
Towing & firing. Cine Camera.
Extension of ranges is important.
Bombing ranges.
Gunnery ranges.
Spot lighting. Turrets. Rail track
200 x 200 — Electric
200 yds 200 yds
Cost $20,000.

Saturday 27

(361-4)

Target ½ size.
full size at 500 yds.
½ Size at 1000 yds.
Bottom. Normal Frozier Dorsh.
4 Gun — 2 Gun

500,000 rounds each month.
60 — bombs per observer.
High level — low level
12,000 4000 —

Training of Observers. 4,000 12,000
Low level — high level.
Inside Bombing range.
Morning picture on
Lawn on the floor —

1st after Christmas **Sunday 28**

(362-3)

Groups 3-4-5
2 Group Bl[illegible]

DECEMBER 1941

Monday 29

(363-2)

Groups: 7 Bgdrs = Total 140 - possible 200.
1 Bgdr = 20 airplanes -
10 flying - 10 out for replacements
& crews etc.

1 Bgdr = 350 men.

Station: 2200. 2 Bgdrs. 700.
700
1500 Operate all activities
except flying. Combat organizations
do nothing but flg.

Heavy Bomber.
Night Bomber - 20 airplanes.
20 officers
Wing Commanders 1 Hq -
Bgd Leaders 2.
Flight Leaders 7 7
Flying Officers - Pilot Officers 18 1

Tuesday 30

(364-1) Enlisted Sgt. Pilots 20.

83 Line Sgts 83
54 Flight Sgts 5
5 (Masters) Opns 54
166 Aircraft men 166.
308 Total

Airplane is replaced by new ones.
Maintenance is done by crews and
repair fields if time is necessary.

DECEMBER 1941

Wednesday 31

(365)

Greater London 11,000,000
700 Square miles -
Lesser London 1,000,000
London 1,000,000 -
1 sq mile, 1,000,000 -
Evacuation 1,000 per day.
Monday October 9th
1,000 Bombs dropped.
Evacuated 2,000,000 persons -

ANNUAL CASH SUMMARY

CASH RECEIVED		CASH PAID
	Balance from last year	
£ 200.00	~~£11~~ 180	
$ 72.00	~~80~~ 2½	
T.C. 100.00	~~491~~ *January* 360	
US 102.50	90	
£ 40.00	332 *February* 450 per diem.	
514.50	80 42	
	412 3	
	2½ *March* 126	
	824	
	206	
	1030 *April* 200.00	
	450 160.00	
	1480 108.00	
	500- *May* 345.00	
	980 813.00	
	126- *June* 90.00 Art 1.41	
	854- 903.00	
	July	
	August	
1/2	*September*	
	October	
	November	
	December	
	Balance carried forward	
£		£

PRINTED IN GREAT BRITAIN

AID

ANNUAL CASH SUMMARY

Cash Receipts

Balance from last year

1st January

215 = 1G

12

72

21 | 12

25-2

20 | 20

12

40

2/

20/400
100

21

12 = 1S

420 ÷ 21 = £1

£1 = 400

20 420

12

840

420

√0.40

420

21

2940

1260

√56.40

1 1/20 X 12

21/20 X 12/1 = 3/5

5 | 63 | 12

5

63

10

3