**WMBR** is a registered service mark of the Technology Broadcasting Corporation.

## "RULES OF THE LOGS"

Questions on these rules should be referred to the Chief Engineer.

- 1. The engineer signed into the logs is referred to as the OTA Engineer (this person is referred to as the "Transmitter Duty Operator" by the FCC). Engineers must sign in with their full, legal name. The OTA Engineer is responsible for making sure that all entries in the log, made during his or her shift, are made completely and accurately. She or he must initial EVERY log entry made during their shift, including entries made by other people.
- 2. Please print clearly, with a black or blue ball-point pen.
- 3. Times may be specified in 12 or 24 hour notation, provided 12 hour times are qualified by "a" for AM or "p" for PM. Write the actual time above the pre-printed time where applicable.
- 4. Reception of EAS Alerts should be noted in the margin of the Operating Log.
- 5. Changes in Forward Power should be noted in the margin of the Operating log and a new set of transmitter readings should be taken immediately after making the change.
- 6. If any Burk readings cannot be adjusted to within their prescribed limits, you must contact the WMBR Emergency Technical Staff IMMEDIATELY. If you cannot reach one of them, YOU MUST SIGN OFF.
- 7. If the Tower Lights are observed to be off when they should be on (when it is dark out), you must call the Logan Airport Tower (FAA) at 617-561-1919 and tell them. WMBR's tower is located at 60 Wadsworth St. in Cambridge. The coordinates of the tower are 42 degrees 21' 42.0" North Latitude, and 71 degrees 5' 3.0" West Longitude. The top of the tower is 357 feet (109 meters) above ground level, and 367 feet (112 meters) above sea level. The FCC Tower Registration Number is 1007726. Get the name of the FAA person who took the call. Write this person's name in the log, along with the time, date, and the words, "Tower Light Failure". Someone from the Emergency Technical Staff should then be contacted immediately.
- 8. WMBR measures its power via the "direct" method. To calculate the forward power via the "indirect method", multiply the PA voltage times the PA current times 0.66 (our Power Effeciency Factor). Divide this number by 240 watts (our nominal transmitter power) to get a percentage.
- 9. Actions or items not done shall be crossed out with a single stroke, and initialed (and dated if necessary). All corrections, including those made at a later date, must be initialed by the original engineer who was signed in at the time. Old logs are kept in the office closet for a minimum of two years. If you are advised that you made a log entry mistake, please correct it as soon as possible.

## The Emergency Technical Staff:

Henry Holtzman Home: 617-327-1298 Work: 617-253-0319 Ted Young Home: 617-776-7473 Cell: 617-447-8439

Sunday, Jan 31, 2010

THE PERMIT						
CUSTODIAN (print name)	INITIALS	TIME ON SIGNATURE	TIME OFF	SIGNATURE		

Sunday, Jan 31, 2010

	Wildle Operating Log Sunday, Jun 31, 20					
	FWD. POWER	RFL. POWER	ROOM TEMP	NOTES	Time Checked	Checked By
CHAN:	3	4	6			
MIN:	90	0	50			
NOM:	100	0	75			
MAX:	105	10	95			
INITE.			F			
UNITS:	%	%	F			
0:00						
1:00						
2:00						
3:00						
4:00	TURN OF	F TRANSN	/IITTER			
4:00						
5:00						
6:00	TEST EA	SLIGHTS	AND TUR	N ON TRANSMITTER		
0.00	TEST EA		IND TOR	IV OIV III III III III		
6:00						
7:00						
8:00						
9:00						
10:00						
11:00						

Sunday, Jan 31, 2010

	Williams 20g Sanday, van 31, 20					
	FWD.	RFL.	ROOM	NOTES	Time	Checked
	DOWED.	DOWED.	TEMP	110120	Charles	D.
	POWER	POWER	TEMP		Checked	Ву
CHAN:	3	4	6			
MIN:	90	0	50			
NOM:	100	0	75			
MAY.	105		05			
MAX:	105	10	95			
UNITS:	%	%	F			
10.00						
12:00						
I						
13:00						
I						
14:00						
1						
15:00						
I						
1						
16:00						
1.5.00						
17:00						
17:23	CHECK T	OWER LIC	HTS RF	ADING =		
17.23	CILCICI		J.110, KE			
18:00						
19:00						
I						
						l <b>j</b>
20:00						ļ <b>]</b>
						ļ <b>"</b>
						<b>——</b>
						ļ <b>"</b>
21:00						ļ <b>"</b>
						l <b>j</b>
						<b>——</b>
I						ļ <b>"</b>
22:00						ļ <b>]</b>
I						ļ <b>"</b>
<b>-</b>			<del> </del>			<u> </u>
I						ļ <b>]</b>
23:00						ļ <b>"</b>
			I			

Monday, Feb 01, 2010

CUSTODIAN (print name)	INITIALS	TIME ON SIGNATUR	E TIME OFF	SIGNATURE

Monday, Feb 01, 2010

* * 1 * 1.	Windix Operating Log Wionday, 1 to 01, 20					
CHAN: MIN:	FWD. POWER 3 90	RFL. POWER 4 0	ROOM TEMP 6 50	NOTES	Time Checked	Checked By
NOM: MAX: UNITS:	100 105 %	0 10 %	75 95 F			
0:00						
1:00						
2:00	TURN OF	FF TRANSN	AITTER			
2:00						
3:00						
4:00						
5:00						
6:00	TEST EA	S LIGHTS A	AND TUR	N ON TRANSMITTER		
6:00						
7:00						
8:00						
9:00						
10:00						
11:00						

Monday, Feb 01, 2010

	Williay, red 01, 20						
CHAN: MIN:	FWD. POWER 3 90	RFL. POWER	ROOM TEMP 6	NOTES	Time Checked	Checked By	
NOM: MAX: UNITS:	100 105 %	0 0 10 %	50 75 95 F				
12:00							
13:00							
14:00							
15:00							
16:00							
17:00							
17:24	СНЕСК Т	OWER LIC	GHTS: REA	ADING =			
18:00							
19:00							
20:00							
21:00							
22:00							
23:00							

Tuesday, Feb 02, 2010

CUSTODIAN (print name)	INITIALS	TIME ON SIGNATURE	TIME OFF SIGN	ATURE

Tuesday, Feb 02, 2010

	Wildit Operating Log						
	FWD. POWER	RFL. POWER	ROOM TEMP	NOTES	Time Checked	Checked By	
CHAN:	3	4	6				
MIN:	90	0	50				
NOM:	100	0	75				
MAX:	105	10	95				
UNITS:	%	%	F				
01.11.01		, ,	_				
0:00							
1:00							
2:00							
3:00							
4:00	TURN OF	F TRANSN	/ITTER				
4:00							
5:00							
6:00	TEST EA	S LIGHTS .	AND TUR	N ON TRANSMITTER			
	TEST EIT						
6:00							
7:00							
8:00							
9:00							
10:00							
11:00							

Tuesday, Feb 02, 2010

	Tuesday, 1 co 02, 201						
CHAN: MIN: NOM: MAX: UNITS:	FWD. POWER 3 90 100 105 %	RFL. POWER 4 0 0 10 %	ROOM TEMP 6 50 75 95 F	NOTES	Time Checked	Checked By	
12:00							
13:00							
14:00							
15:00							
16:00							
17:00							
17:25	CHECK T	OWER LIC	GHTS: RE	ADING =			
18:00							
19:00							
20:00							
21:00							
22:00							
23:00							

Wednesday, Feb 03, 2010

CUSTODIAN (print name)	INITIALS	TIME ON	SIGNATURE	TIME OFF	SIGNATURE
(print name)		11112 011	ZIGINII GIL	111/12 011	SIGNATIONE

Wednesday, Feb 03, 2010

* * * * * *	Wildle Operating Log Wednesday, 1 eo 05, 2					
	FWD. POWER	RFL. POWER	ROOM TEMP	NOTES	Time Checked	Checked By
CHAN:	3	4	6			3
MIN:	90	0	50			
NOM.	100	0	75			
NOM:			75			
MAX:	105	10	95			
UNITS:	%	%	F			
0:00						
1:00						
2:00						
3:00	TURN OF	FF TRANSN	MITTER			
3:00						
4:00						
5:00						
6:00	TEST EA	S LIGHTS .	AND TUR	N ON TRANSMITTER		
6:00						
7:00						
8:00						
9:00						
10:00						
11:00						

Wednesday, Feb 03, 2010

	wednesday, red 03, 201					
CHAN.	FWD. POWER	RFL. POWER	ROOM TEMP	NOTES	Time Checked	Checked By
CHAN:	3 90	4 0	6 50			
MIN:	100	0	75			
NOM:			05			
MAX:	105	10	95 F			
UNITS:	%	%	Г			
12:00						
13:00						
14:00						
15:00						
16:00						
17:00						
17:26	СНЕСК Т	OWER LIC	GHTS: REA	ADING =		
18:00						
19:00						
20:00						
21:00						
22:00						
23:00	_				_	

Thursday, Feb 04, 2010

	5 6		<b>J</b> ,
CUSTODIAN (print name)	INITIALS	TIME ON SIGNATURE	TIME OFF SIGNATURE

Thursday, Feb 04, 2010

11111	with Operating Log Thursday, 1760 04, 201					
CHAN:	FWD. POWER 3	RFL. POWER 4	ROOM TEMP 6	NOTES	Time Checked	Checked By
MIN:	90	0	50			
NOM:	100	0	75			
MAX:	105	10	95			
UNITS:	%	%	F			
0:00						
1:00						
2:00						
3:00	TURN OF	F TRANSN	/IITTER			
3:00						
4:00						
5:00						
6:00	TEST EA	S LIGHTS A	AND TUR	N ON TRANSMITTER		
6:00						
7:00						
8:00						
9:00						
10:00						
11:00						

Thursday, Feb <u>04</u>, 2010

	Thursday, 1 eo o+, 2010					
CHAN: MIN: NOM: MAX: UNITS:	FWD. POWER 3 90 100 105 %	RFL. POWER 4 0 0 10 %	ROOM TEMP 6 50 75 95 F	NOTES	Time Checked	Checked By
12:00						
13:00						
14:00						
15:00						
16:00						
17:00						
17:28	CHECK T	OWER LIC	GHTS: RE	ADING =		
18:00						
19:00						
20:00						
21:00						
22:00						
23:00						

Friday, Feb 05, 2010

CUSTODIAN (print name)	INITIALS	TIME ON SIG	GNATURE	TIME OFF	SIGNATURE
(print name)			011110112	11112 011	DIGINITORE
	1				

Friday, Feb 05, 2010

	Wildle Operating Log						
	FWD. POWER	RFL. POWER	ROOM TEMP	NOTES	Time Checked	Checked By	
CHAN:	3	4	6				
MIN:	90	0	50				
NOM:	100	0	75				
MAX:	105	10	95				
UNITS:	%	%	F				
UNITS.	70	70	1,				
0:00							
1:00							
2:00							
3:00							
4:00	TURN OF	F TRANSN	/IITTER				
4:00							
5:00							
6:00	TEST EA	SLIGHTS	AND THR	N ON TRANSMITTER			
6:00	120121						
7:00							
8:00							
9:00							
10:00							
11:00							

Friday, Feb 05, 2010

	1		ig Lo	g Triday, 1	,	
	FWD. POWER	RFL. POWER	ROOM TEMP	NOTES	Time Checked	Checked By
CHAN:	3	4	6			
MIN:	90	0	50			
NOM:	100	0	75			
MAY.	100		05			
MAX:	105	10	95			
UNITS:	%	%	F			
12:00						
13:00						
14:00						
15:00						
16:00						
17:00						
17:29	CHECK T	OWER LIC	HTS: RE	ADING =		
	CHECK	O WER ER	71115. 102			
18:00						
19:00						
20:00						
21:00						
22:00						
23:00						

Saturday, Feb 06, 2010

CUSTODIAN (print name)	INITIALS	TIME ON SIGNATUR	E TIME OFF	SIGNATURE
, ,				

Saturday, Feb 06, 2010

		ociatii		Saturday, 1	,	
	FWD. POWER	RFL. POWER	ROOM TEMP	NOTES	Time Checked	Checked By
CHAN:	3	4	6			25
MIN:	90	0	50			
NOM:	100	0	75			
MAV.	105	10	95			
MAX:		10	93   F			
UNITS:	%	%	Г			
0:00						
1:00						
2:00						
3:00	TURN OF	F TRANSI	MITTER			
3:00						
4:00						
5:00						
6:00	TEST EA	S LIGHTS .	AND TUR	N ON TRANSMITTER		
6:00						
7:00						
8:00						
9:00						
10:00						
11:00						
11:30	CONDUC	T REQUIR	ED WEEK	KLY EAS TEST		

Saturday, Feb 06, 2010

* * 1 * 1.	with Operating Log Saturday, 1700 00, 201					2010
CHAN:	FWD. POWER 3	RFL. POWER 4	ROOM TEMP 6	NOTES	Time Checked	Checked By
MIN: NOM:	90 100	0	50 75			
MAX: UNITS:	105 %	10 %	95 F			
12:00						
13:00						
14:00						
15:00						
16:00						
17:00						
17:30	СНЕСК Т	OWER LIC	GHTS: RE	ADING =		
18:00						
19:00						
20:00						
21:00						
22:00						
23:00						