**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, Feb 07, 2010

CUSTODIAN (print name)	INITIALS	TIME ON SIGNATU	SIGNATURE
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Sunday, Feb 07, 2010

	Wildle Operating Log Sunday, 1 co 07, 201						
	FWD. POWER	RFL. POWER	ROOM TEMP	NOTES	Time Checked	Checked By	
CHAN:	3	4	6				
MIN:	90	0	50				
NOM:	100	0	75				
NOWI.			75				
MAX:	105	10	95				
UNITS:	%	%	F				
0:00							
1:00							
2:00							
3:00							
4:00	TURN OF	F TRANSN	/IITTER				
4:00							
5:00							
6:00	TEST FA	STIGHTS	AND THE	N ON TRANSMITTER			
0.00	TEST EA		IND TOR	TOTALING THE TEXT			
6:00							
7:00							
8:00							
9:00							
10:00							
11:00							

Sunday, Feb 07, 2010

	vivibit operating 20g					
	FWD.	RFL.	ROOM	NOTES	Time	Checked
	DOWER	DOWER	TEMP	TOTES	Charlet	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			
12.00						
12:00						
13:00						
15:00						
14:00						
14.00						
15:00						
13.00						
16:00						
17:00						
17:31	CHECK 1	OWER LIC	THTS: RE	A DING –		
17.31	CILCR	IOWERER	JIII S. KL	ADING –		
18:00						
19:00						
20.00						
20:00						
21.00						
21:00						
22:00						
22.00						
23:00						

Monday, Feb 08, 2010

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

Monday, Feb 08, 2010

		ociani	0	5 Williamy, 1	,	
	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			
0:00						
1:00						
2:00	TURNO	 FF TRANSN	/ITTER			
2.00	TORIVOI	I IKANSI	IIIIII			
2:00						
3:00						
4:00						
5:00						
6:00	TEST EA	S LIGHTS A	AND TUR	N ON TRANSMITTER		
6:00						
7:00						
0.00						
8:00						
9:00						
9.00						
10:00						
11:00						

Monday, Feb <u>08</u>, 2010

	Widh Operating Log Wioliday, 1 eb 00, 201						
	FWD. POWER	RFL. POWER	ROOM TEMP	NOTES	Time Checked	Checked By	
CHAN:	3	4	6				
MIN:	90	0	50				
NOM:	100	0	75				
MAV.			05				
MAX:	105	10	95				
UNITS:	%	%	F				
12:00							
13:00							
14:00							
15:00							
15:30	CONDUC	T REQUIR	ED WEEK	KLY EAS TEST			
16:00							
17:00							
17:33	CHECK T	OWER LIC	THTS: RE	A DING –			
17.33	CHECK	OWEREIC	JIII S. KEA				
18:00							
19:00							
20:00							
21:00							
22:00							
23:00						_	

Tuesday, Feb 09, 2010

The spending			Tuesday, Tee	
CUSTODIAN (print name)	INITIALS	TIME ON SIGNATURE	TIME OFF	SIGNATURE
	<u> </u>			
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	<u> </u>			
	<u> </u>			
	<u> </u>			
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	<del> </del>			
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Tuesday, Feb 09, 2010

* * * * * * *	winding Log Tuesday, 160 09, 201						
CHAN: MIN: NOM: MAX:	FWD. POWER 3 90 100 105	RFL. POWER 4 0 0	ROOM TEMP 6 50 75 95	NOTES	Time Checked	Checked By	
UNITS:	%	%	F				
0:00			-				
1:00							
2:00							
3:00							
4:00	TURN OF	FF TRANSN	MITTER				
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							

Tuesday, Feb 09, 2010

	Wildle Operating Log						
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							
17:34	CHECK T	OWER LIC	GHTS: RE	ADING =			
18:00							
19:00							
20:00							
21:00							
22:00							
23:00							

Wednesday, Feb 10, 2010

CUSTODIAN (print name)	INITIALS	TIME ON	SIGNATURE	TIME OFF	SIGNATURE
Costobini (print name)	II (III ILS)	THILL OIL	SIGINITORE	THILL OIT	SIGIMITORE

Wednesday, Feb 10, 2010

* * 1 * 1.	windh Operating Log wednesday, red 10, 20					
CHAN:	FWD. POWER	RFL. POWER	ROOM TEMP 6	NOTES	Time Checked	Checked By
MIN: NOM: MAX: UNITS:	90 100 105 %	0 0 10 %	50 75 95 F			
0:00						
1:00						
2:00						
3:00	TURN OF	FF TRANSN	/IITTER			
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 10, 2010

	Wildle Operating Eog Wednesday, 1 co 10, 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							
17:35	СНЕСК Т	OWER LIC	GHTS: RE	ADING =			
18:00							
19:00							
20:00							
21:00							
22:00							
23:00							

Thursday, Feb 11, 2010

The speracing			indisday, i co	
CUSTODIAN (print name)	INITIALS	TIME ON SIGNATURE	TIME OFF	SIGNATURE

Thursday, Feb 11, 2010

	Wildly, 1 co 11, 201					
	FWD. POWER	RFL. POWER	ROOM TEMP	NOTES	Time Checked	Checked By
CHAN:	3	4	6			•
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	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 11, 2010

		ooratii	<u> </u>	S maisaay, 1		
	FWD. POWER	RFL. POWER	ROOM TEMP	NOTES	Time Checked	Checked By
CHAN:	3	4	6			
MIN:	90	0	50			
NOM:	100	0	75			
MAV.	100		05			
MAX:	105	10	95			
UNITS:	%	%	F			
12:00						
13:00						
14:00						
15:00						
16:00						
17:00						
17:36	CHECK T	OWER LIC	THTS: RF	ADING –		
17.30	CHECK	OWERE	J1115. KL	ADINO –		
18:00						
19:00						
20:00						
21:00						
22:00						
23:00						

Friday, Feb 12, 2010

CUSTODIAN (print name)	INITIALS	TIME ON SIG	NATURE	TIME OFF	SIGNATURE
(print name)		510			,

Friday, Feb 12, 2010

		Joiani		<u>5</u> 11144y, 13		
	FWD. POWER	RFL. POWER	ROOM TEMP	NOTES	Time Checked	Checked By
CHAN:	3	4	6			
MIN:	90	0	50			
NOM:	100	0	75 95			
MAX: UNITS:	105 %	10 %	93 F			
OIVIID.	/0	/0	1			
0:00						
1:00						
2:00						
3:00						
4:00	TURN OF	F TRANSN	/IITTER			
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						

Friday, Feb 12, 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			
MAV.	100		05			
MAX:	105	10	95			
UNITS:	%	%	F			
12:00						
13:00						
14:00						
15:00						
16:00						
17:00						
17:38	CHECK T	OWER LIC	GHTS: REA	ADING =		
18:00						
19:00						
20:00						
21:00						
22:00						
23:00						

Saturday, Feb 13, 2010

CUSTODIAN (print name)	INITIALS	TIME ON SIGNAT	SIGNATURE
202102111 (print name)		DISTAIL	ZIOI III CIU

Saturday, Feb 13, 2010

	Wildly, 1 co 13, 2010						
	FWD. POWER	RFL. POWER	ROOM TEMP	NOTES	Time Checked	Checked By	
CHAN:	3	4	6			•	
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	F TRANSN	MITTER				
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							

Saturday, Feb 13, 2010

	William Speram 208					
	FWD.	RFL.	ROOM	NOTES	Time	Checked
	DOWER	DOWED	TEMP	NOTES	Charlet	D
	POWER	POWER	TEMP		Checked	Ву
CHAN:	3	4	6			
MIN:	90	0	50			
NOM:	100	0	75			
MAN.	100		05			
MAX:	105	10	95			
UNITS:	%	%	F			
12.00						
12:00						
12.00						
13:00						
14.00						
14:00						
15:00						
13:00						
16:00						
10.00						
17:00						
17.00						
17:39	CHECK T	OWER LIC	GHTS: RE	ADING =		
10.00						
18:00						
19:00						
17.00						
-						
20:00						
21:00						
22:00						
23:00						
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