**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

CUSTODIAN (print name)	INITIALS	TIME ON SIGNATURE	TIME OFF SIGNATURE
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	Width Operating Log Sunday, Oct 25, 2007								
	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.	/0	/0	1.						
0:00									
1:00									
2:00									
3:00									
4:00									
4:00	TURN OF	FF TRANSN	/ITTER						
5:00									
6:00									
6:00	TEST EA	 S LIGHTS A	AND TUR	N ON TRANSMITTER					
7:00									
8:00									
9:00									
10:00									
11:00									

CUSTODIAN (print name)	INITIALS	TIME ON SIGNATURE	TIME OFF SIGNATURE
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_	W WIDK Operating Log Sunday, Oct 23, 200						
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				
12:00							
13:00							
14:00							
15:00							
16:00							
17:00							
18:00							
18:16	СНЕСК Т	OWER LIC	GHTS: REA	ADING =			
19:00							
20:00							
21:00							
22:00							
23:00							

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

CHAN: OND AND MAXIS (100)         RFL POWER (100)         RFL POWER (100)         REL POWER (100)         REL POWER (100)         REL POWER (100)         REL POWER (100)         Received (100)				75 20	g withday, o	•••	
MNN: 100 0 0 75 NOM: 100 0 0 100 NOM: 100		POWER	POWER	TEMP	NOTES		Checked By
NOM: 100 10 75 MAX: 105 10 95				6			
MAX: 105 10 95 10 95 10 95 10 95 10 10 10 10 10 10 10 10 10 10 10 10 10		90	0	50			
MAX: 105 10 95 10 95 10 95 10 95 10 10 10 10 10 10 10 10 10 10 10 10 10	NOM:	100	0	75			
NITS:   %   %   F				95			
1:00 1:00 2:00 3:00 3:00 TURN OFF TRANSMITTER 4:00 5:00 6:00 TEST EAS LIGHTS AND TURN ON TRANSMITTER 7:00 8:00 9:00 10:00	UNITS:			F			
1:00	CIVIIS.	70	70	•			
2:00	0:00						
3:00 TURN OFF TRANSMITTER  4:00	1:00						
3:00 TURN OFF TRANSMITTER  4:00  5:00  6:00  TEST EAS LIGHTS AND TURN ON TRANSMITTER  7:00  8:00  9:00  10:00	2:00						
4:00	3:00						
4:00	3:00	TURN OF	F TRANSN	/IITTER			
5:00       Image: Control of the control							
6:00   TEST EAS LIGHTS AND TURN ON TRANSMITTER	4:00						
6:00 TEST EAS LIGHTS AND TURN ON TRANSMITTER  7:00  8:00  9:00  10:00	5:00						
7:00	6:00						
7:00	6:00	TEST EA	S LIGHTS /	L AND TUR	N ON TRANSMITTER		
8:00       9:00       10:00		TEST ELL			TOTALIA SIMILI EN		
9:00	7:00						
10:00	8:00						
	9:00						
11:00	10:00						
	11:00						

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

	Wilding Log Williay, Oct 20, 200						
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				
12:00							
13:00							
14:00							
15:00							
16:00							
17:00							
18:00							
18:15	СНЕСК Т	OWER LIC	GHTS: REA	ADING =			
19:00							
20:00							
21:00							
22:00							
23:00							

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

1111	Windik Operating Log Tuesday, Oct 27, 200						
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				
UNITS.	70	70	Г				
0:00							
1:00							
2:00							
3:00							
4:00							
4:00	TURN OF	F TRANSN	/IITTER				
5:00							
6:00							
6:00	TEST EA	S LIGHTS A	AND TUR	N ON TRANSMITTER			
7:00							
8:00							
9:00							
10:00							
11:00							

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

_	Windik Operating Log Tuesday, Oct 27, 200						
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				
12:00							
13:00							
14:00							
15:00							
16:00							
17:00							
18:00							
18:14	CHECK 1	OWER LIC	GHTS: REA	ADING =			
19:00							
20:00							
21:00							
22:00							
23:00							

William Sperating			1
CUSTODIAN (print name)	INITIALS	TIME ON SIGNATURE	TIME OFF SIGNATURE

		peram	-0	g wednesday, o	,	
	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			
MAA.		10	F			
UNITS:	%	%	F			
0:00						
1:00						
2:00						
3:00						
3:00	TURN OF	FF TRANSN	/ITTER			
4:00						
5:00						
6:00						
6:00	TEST EA	S LIGHTS	AND TUR	N ON TRANSMITTER		
7:00						
8:00						
9:00						
10:00						
11:00						

CUSTODIAN (print name)	INITIALS	TIME ON	SIGNATURE	TIME OFF	SIGNATURE
The state of the s				-	
	1	I		l .	

	Wednesday, Oct 26, 200					
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			
12:00						
13:00						
14:00						
15:00						
16:00						
17:00						
18:00						
18:12	CHECK T	OWER LIC	GHTS: REA	ADING =		
19:00						
20:00						
21:00						
22:00						
23:00						

CUSTODIAN (print name)	INITIALS	TIME ON SIGNATURE	TIME OFF	SIGNATURE
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Width Operating Log Thursday, Oct 29, 200						
	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:	%0	%0	Г			
0:00						
1:00						
2:00						
3:00						
3:00	TURN OF	F TRANSN	/ITTER			
4:00						
5:00						
6:00						
6:00	TEST EA	S LIGHTS A	AND TUR	N ON TRANSMITTER		
7:00						
8:00						
9:00						
10:00						
11:00						

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

V V A V A .		Speraning Log Thursday, Oct 29, 2003					
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				
12:00							
13:00							
14:00							
15:00							
16:00							
17:00							
18:00							
18:11	CHECK 1	OWER LIC	GHTS: REA	ADING =			
19:00							
20:00							
21:00							
22:00							
23:00							

CUSTODIAN (print name)	INITIALS	TIME ON SIG	GNATURE	TIME OFF	SIGNATURE
COSTODIAN (print name)	INITIALS	THVIE OIV SI	GNATURE	TIVIE OFT	SIGNATURE

	Windik Operating Log Tituay, Oct 30, 200					
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						
4:00						
4:00	TURN OF	F TRANSN	/IITTER			
5:00						
6:00						
6:00	TEST EAS	S LIGHTS A	AND TUR	N ON TRANSMITTER		
7:00						
8:00						
9:00						
10:00						
11:00						

CUSTODIAN (print name)	INITIALS	TIME ON SIG	GNATURE	TIME OFF	SIGNATURE
COSTODIAN (print name)	INITIALS	THVIE OIV SI	GNATURE	TIVIE OFT	SIGNATURE

	Wibk Operating Log					
CHAN: MIN:	FWD. POWER 3 90	RFL. POWER 4 0	ROOM TEMP 6 50	NOTES	Time Checked	Checked By
NOM:	100	0	75			
MAX:	105	10	95			
UNITS:	%	%	F			
O1(11b).	70	/0	•			
12:00						
13:00						
14:00						
15:00						
16:00						
17:00						
18:00						
18:10	CHECK T	OWER LIC	GHTS: REA	ADING =		
19:00						
20:00						
21:00						
22:00						
23:00						

CUSTODIAN (print name)	INITIALS	TIME ON SIGNATURE	TIME OFF SI	GNATURE
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		ociani	<del>-0</del>	g Baturday, O	,	
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						
3:00	TURN OF	F TRANSN	/ITTER			
4:00						
5:00						
6:00						
6:00	TEST EAS	S LIGHTS A	AND TUR	N ON TRANSMITTER		
7:00						
8:00						
9:00						
10:00						
11:00						

CUSTODIAN (print name)	INITIALS	TIME ON SIGNATURE	TIME OFF SI	GNATURE
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	l	l .	I	

	Wildle Operating Log Saturday, Oct 51, 2007						
CHAN:	FWD. POWER	RFL. POWER	ROOM TEMP 6	NOTES	Time Checked	Checked By	
MIN:	90	0	50				
NOM:	100	0	75 0.5				
MAX:	105	10	95				
UNITS:	%	%	F				
12:00							
13:00							
14:00							
15:00							
16:00							
17:00							
18:00							
18:08	CHECK TOWER LIGHTS: READING =						
19:00							
20:00							
21:00							
22:00							
23:00							