**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, Nov 15, 2009

WWBR Operating			Bullaty, 1101 13, 2007		
CUSTODIAN (print name)	INITIALS	TIME ON SIGNATURE	TIME OFF	SIGNATURE	

Sunday, Nov 15, 2009

* * * * * * *	windk Operating Log Sunday, Nov 13, 20						
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							

Sunday, Nov 15, 2009

_	W WIDK Operating Log Sunday, Nov 13, 200					
CHAN:	FWD. POWER	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			
12:00						
13:00						
14:00						
15:00						
16:00						
16:52	СНЕСК Т	OWER LIC	GHTS: REA	ADING =		
17:00						
18:00						
19:00						
20:00						
21:00						
22:00						
23:00						

Monday, Nov 16, 2009

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

Monday, Nov 16, 2009

V V 1V1.	WIDK Operating Log Monday, Nov 10, 200					
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
0:00						
1:00						
2:00						
3:00						
3:00	TURN OF	F TRANSN	/IITTER			
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						

Monday, Nov 16, 2009

	Wildle Operating Log Wildledy, 110V 10, 200					
CHAN:	FWD. POWER	RFL. POWER	ROOM TEMP 6	NOTES	Time Checked	Checked By
MIN:	90	0	50			
NOM:	100	0	75			
MAX:	105	10	95			
UNITS:	%	%	F			
12:00						
13:00						
14:00						
15:00						
16:00						
16:52	CHECK T	OWER LIC	GHTS: REA	ADING =		
17:00						
18:00						
19:00						
20:00						
21:00						
22:00						
23:00						

Tuesday, Nov 17, 2009

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

Tuesday, Nov 17, 2009

* * * * * * *	WINDR Operating Log Tuesday, Nov 17, 200						
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							
4:00	TURN OF	F TRANSN	/ITTER				
5:00							
6:00							
6:00	TEST EA	S LIGHTS A	AND TUR	N ON TRANSMITTER			
7:00							
8:00							
9:00							
9:30	CONDUC	T REQUIR	ED WEEK	KLY EAS TEST			
10:00		-					
11:00							

Tuesday, Nov 17, 2009

	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						
16:51	CHECK T	OWER LIC	GHTS: RE	ADING =		
17:00						
18:00						
19:00						
20:00						
21:00						
22:00						
23:00						

Wednesday, Nov 18, 2009

CUSTONIAN ( i.e. and a purtial S		TV (T) 233				
CUSTODIAN (print name)	INITIALS	TIME ON	SIGNATURE	TIME OFF	SIGNATURE	
	1	I		I		

Wednesday, Nov 18, 2009

	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			
CIVIID.	70	70	•			
0:00						
1:00						
2:00						
3:00						
3:00	TURN OF	F TRANSN	/IITTER			
4:00						
5:00						
6:00						
6:00	TEST EAS	S LIGHTS /	L AND TUR	N ON TRANSMITTER		
0.00	TEST EIL			TOTAL TOTAL TERM		
7:00						
8:00						
9:00						
10:00						
11:00						

Wednesday, Nov 18, 2009

	Wilding Log Wednesday, Nov 16, 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			
12:00						
13:00						
14:00						
15:00						
16:00						
16:50	СНЕСК Т	OWER LIC	GHTS: REA	ADING =		
17:00						
18:00						
19:00						
20:00						
21:00						
22:00						
23:00						

Thursday, Nov 19, 2009

CUSTODIAN (print name)	INITIALS	TIME OFF	SIGNATURE
([			

Thursday, Nov 19, 2009

	Wilding Log Thursday, 110 v 19, 2009						
	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							
3:00	TURN OF	F TRANSN	/IITTER				
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							

Thursday, Nov 19, 2009

	WWDR 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							
16:49	СНЕСК Т	OWER LIC	GHTS: REA	ADING =			
17:00							
18:00							
19:00							
20:00							
21:00							
22:00							
23:00							

Friday, Nov 20, 2009

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

Friday, Nov 20, 2009

	Wildly 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					
NOWI.			05					
MAX:	105	10	95					
UNITS:	%	%	F					
0:00								
1:00								
2:00								
3:00								
4:00								
4:00	TURN OF	F TRANSN	MITTER					
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								

Friday, Nov 20, 2009

	Wilding Log Thuay, Nov 20, 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						
16:49	CHECK T	OWER LIC	GHTS: RE	ADING =		
17:00						
18:00						
19:00						
20:00						
21:00						
22:00						
23:00						

Saturday, Nov 21, 2009

	5 6		<b>,</b> , , , , , , , , , , , , , , , , , ,
CUSTODIAN (print name)	INITIALS	TIME ON SIGNATURE	TIME OFF SIGNATURE
	-		
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Saturday, Nov 21, 2009

	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 F				
UNITS:	%0	%0	Г				
0:00							
1:00							
2:00							
3:00							
3:00	TURN OF	F TRANSN	/IITTER				
4:00							
5:00							
6:00							
6:00	TEST EA	S I IGHTS .	L AND THR	N ON TRANSMITTER			
	ILSTLA			1. O., TREMONITIES			
7:00							
8:00							
9:00							
10:00							
11:00							

Saturday, Nov 21, 2009

	Saturday, 110 v 21, 2007						
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							
16:48	CHECK T	OWER LIC	GHTS: RE	ADING =			
17:00							
18:00							
19:00							
20:00							
21:00							
22:00							
23:00							