

**dougallmedia**

**dex**

## More Than Remote Site Management

(What we might be doing differently)

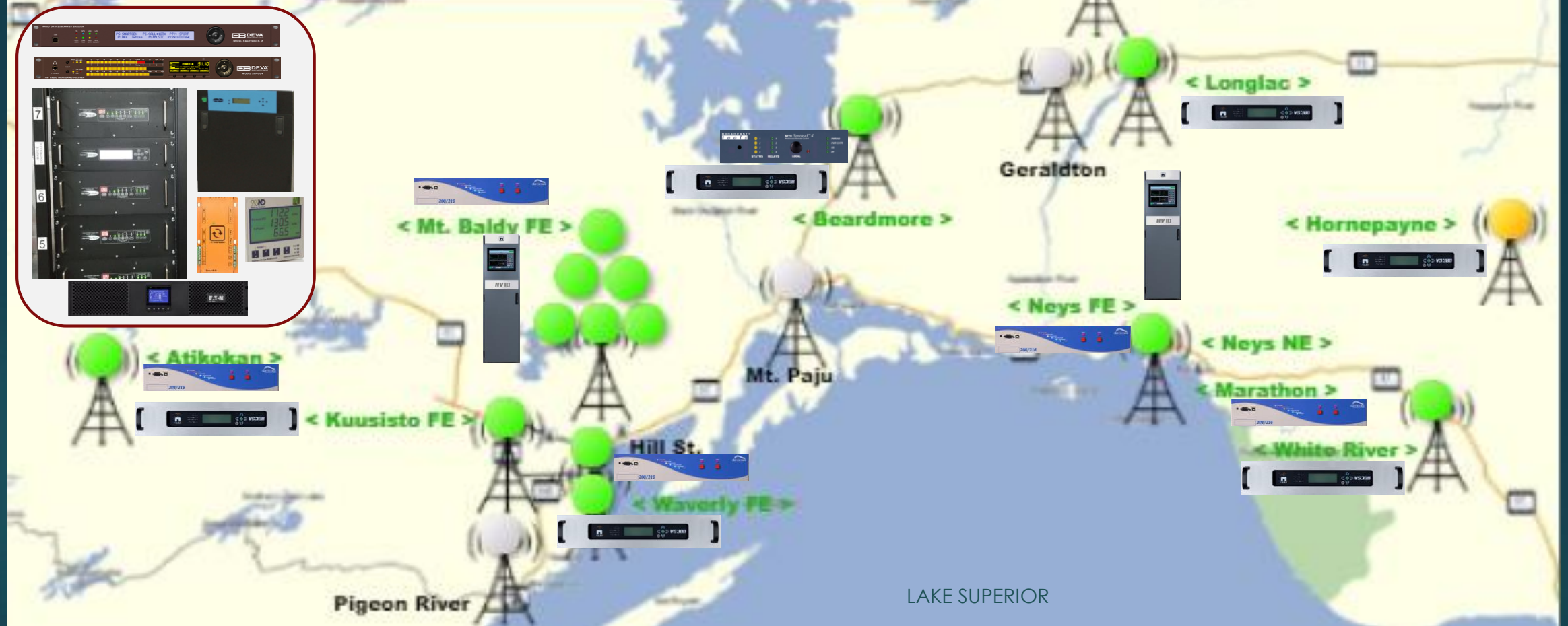
DENIS BARRIAULT  
DIRECTOR OF ENGINEERING  
THUNDER BAY, ONTARIO

NAB 2023





# Dougall Media Transmitter Sites



Mix of wired and SNMP Monitoring (VPN secured)

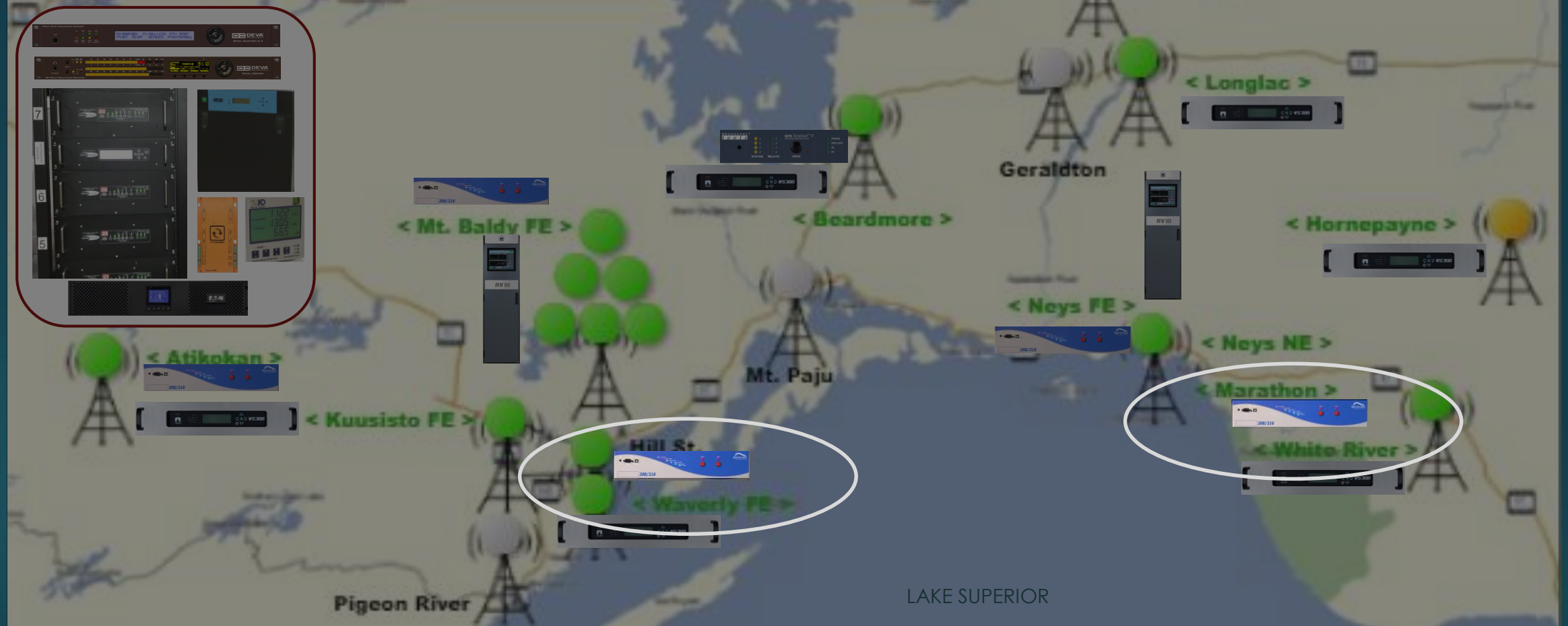
**More Than Remote Site Management**  
(What we might be doing differently)

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# Dougall Media Transmitter Sites



Units in 2 studios

**More Than Remote Site Management**  
(What we might be doing differently)

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# Dougall Media Transmitter Sites



Cortex has no wired I/O

**More Than Remote Site Management**  
(What we might be doing differently)

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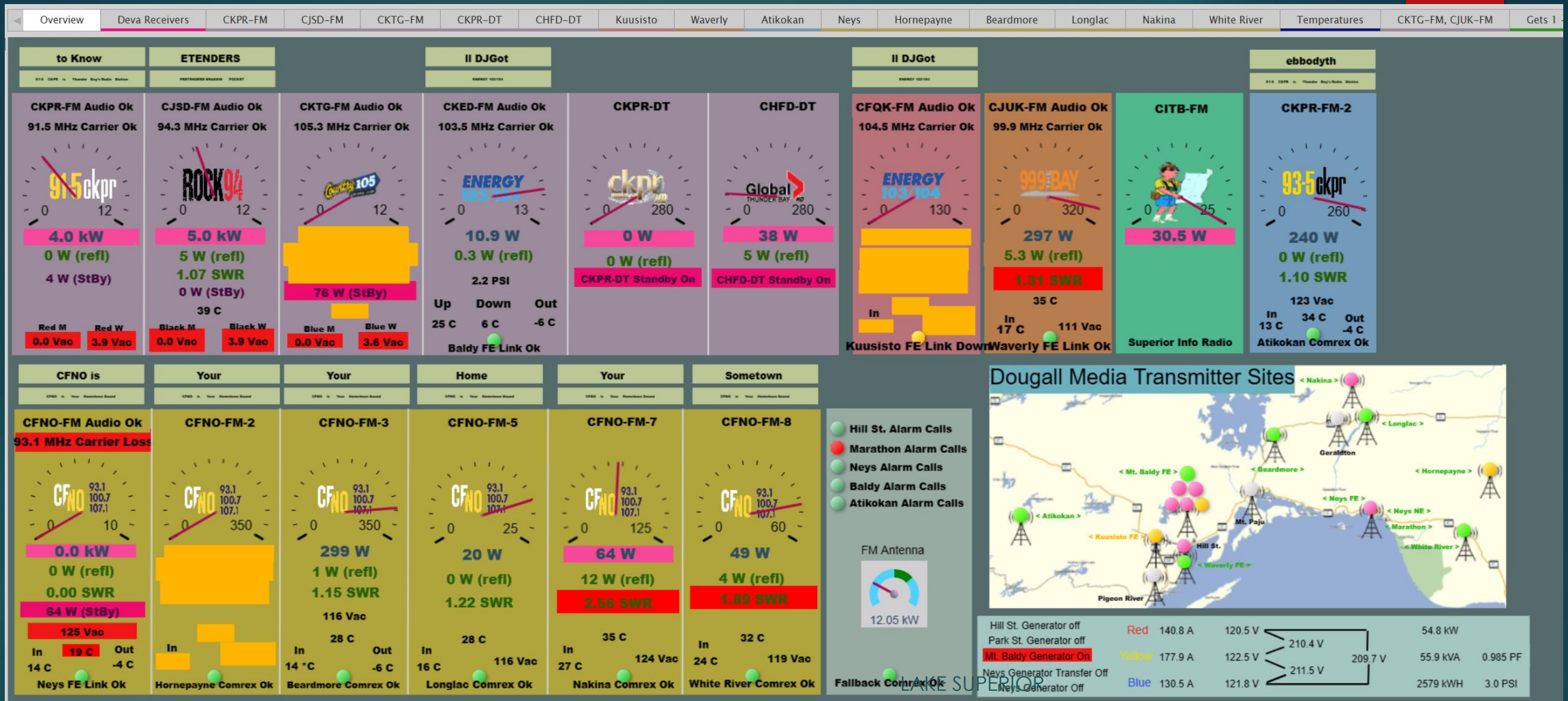
Cortex dashboard

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More Than Remote Site Management  
(What we might be doing differently)







Cortex dashboard

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More Than Remote Site Management  
(What we might be doing differently)







Cortex dashboard

NAB 2023

More Than Remote Site Management  
(What we might be doing differently)







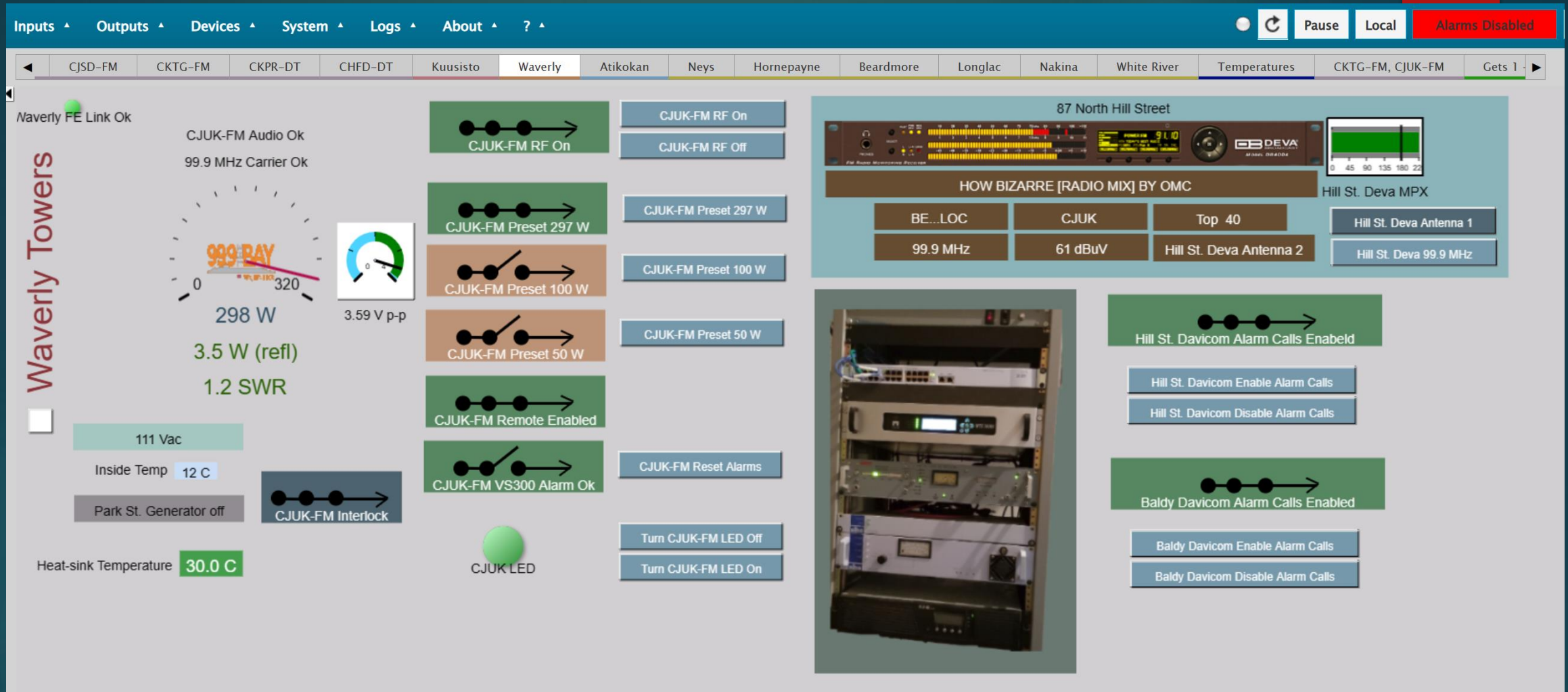
Cortex dashboard, 22 workspaces

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More Than Remote Site Management  
(What we might be doing differently)





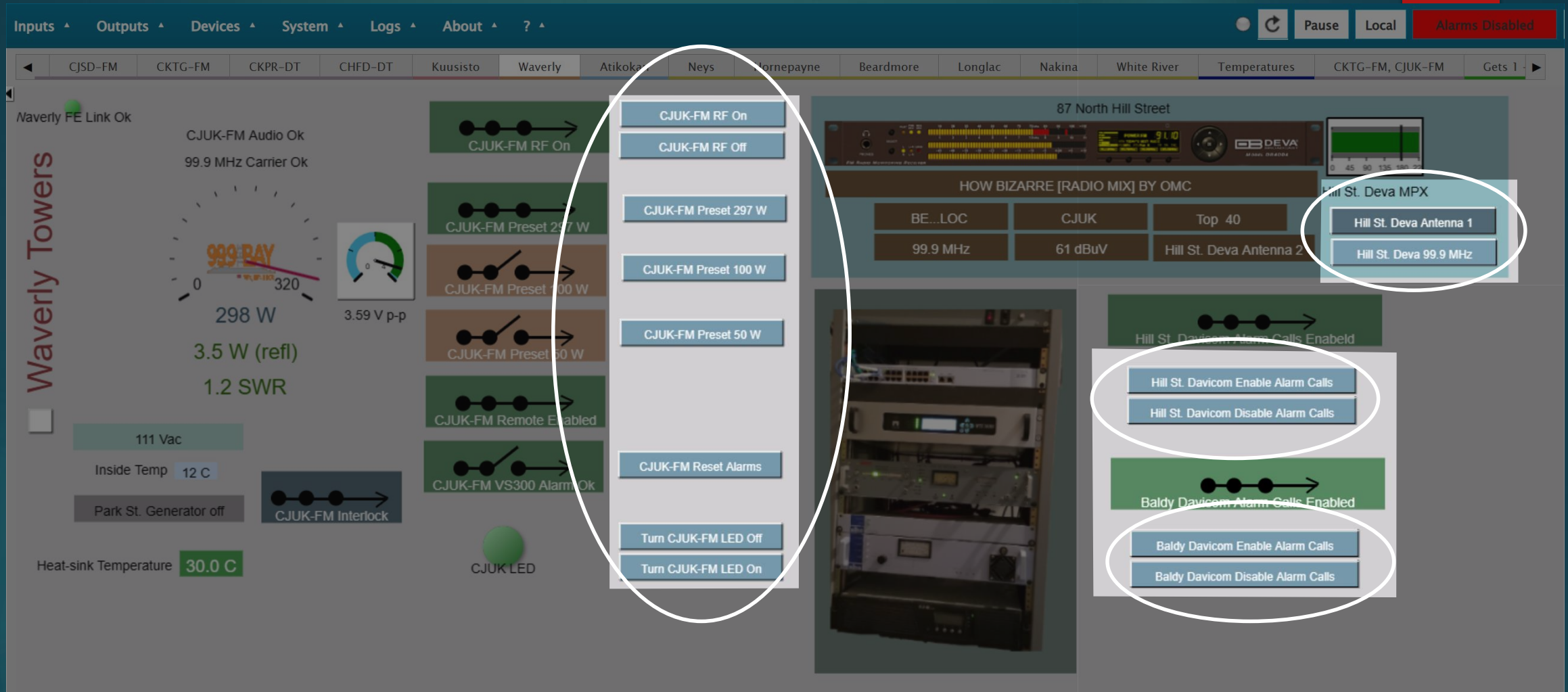


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More Than Remote Site Management  
(What we might be doing differently)







Cortex Site Control

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**More Than Remote Site Management**  
(What we might be doing differently)





### Mt. Baldy

Baldy: CKPR-FM (fwd) > 1MA17 > 1F01 > 1SS02  
 Baldy: Manual CKPR-FM > 1O09 > 1V34 > 1SS02

Baldy: CJSD-FM (fwd) > 1MA01 > 1F02 > 1SS01  
 Baldy: Manual CJSD-FM > 1O08 > 1V33 > 1SS01

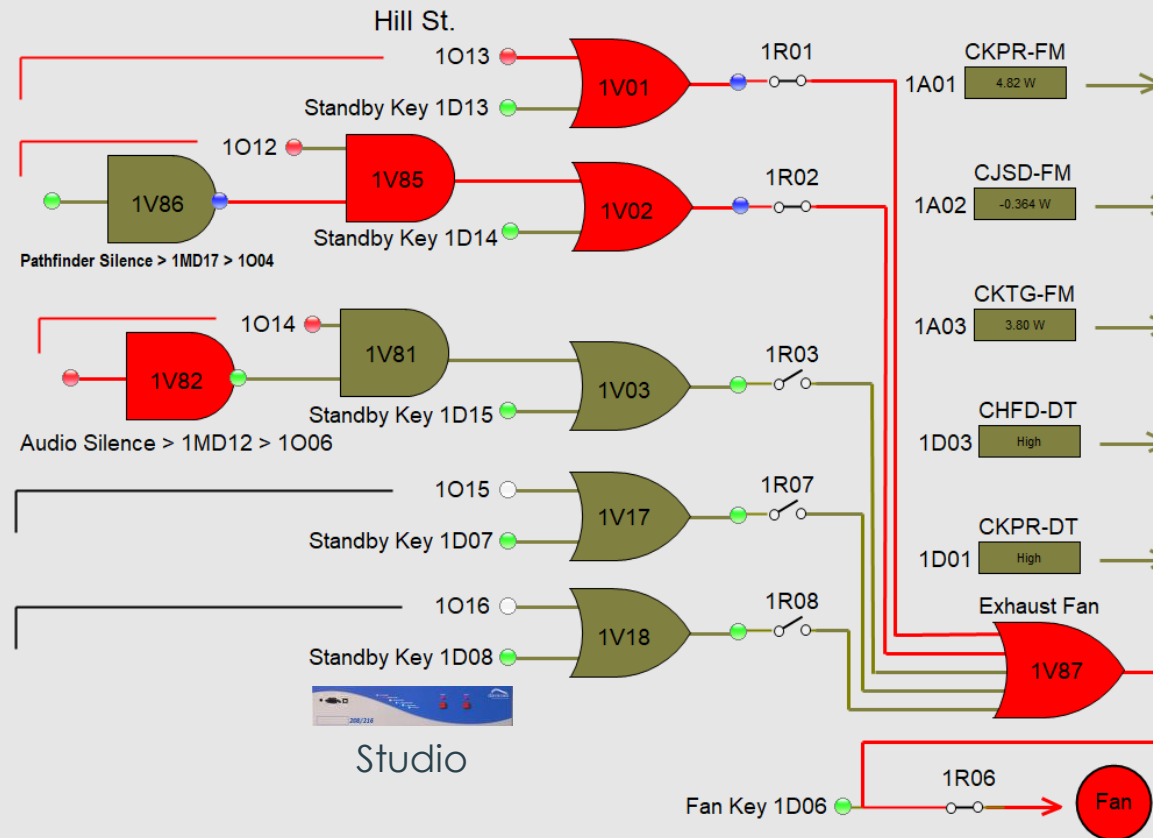
Baldy: CKTG-FM (fwd) > 1F12 > 1SS03  
 Baldy: Manual CKTG-FM > 1O010 > 1V35 > 1SS03

Baldy: CHFD-DT (fwd) > 1MA18 > 1F04 > 1SS04  
 Baldy: Manual CHFD-DT > 1O12 > 1V37 > 1SS04

Baldy: CKPR-DT (fwd) > 1A06 > 1F05 > 1SS05  
 Baldy: Manual CKPR-DT > 1O11 > 1V36 > 1SS05



Transmitter site



### Mt. Baldy

Set 1SS42 > Baldy CKPR-FM > Virt. Relay: 1O4

Set 1SS41 > Baldy CJSD-FM > Virt. Relay: 1O3

Set 1SS43 > Baldy CKTG-FM > Virt. Relay: 1O5

Set 1SS44 > Baldy CHFD-DT > Virt. Relay: 1O6

Set 1SS45 > Baldy CKPR-DT > Virt. Relay: 1O7



Transmitter site

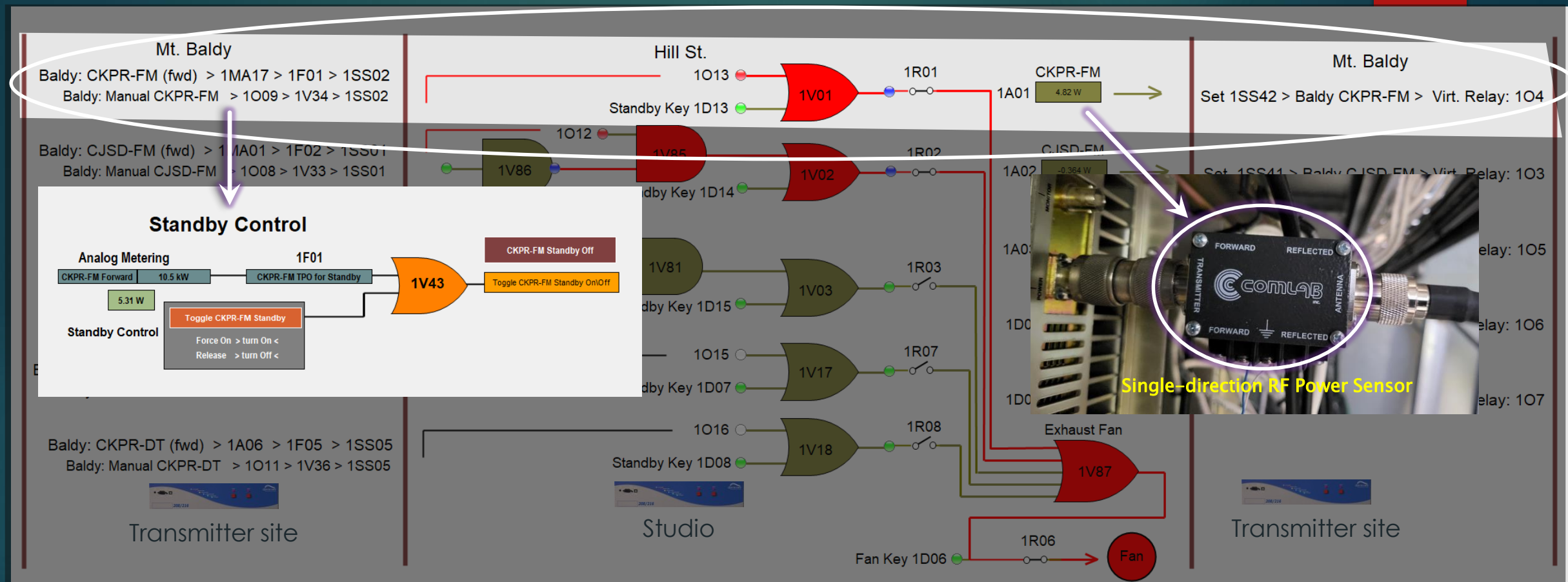
## Standby Control

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**More Than Remote Site Management**  
 (What we might be doing differently)







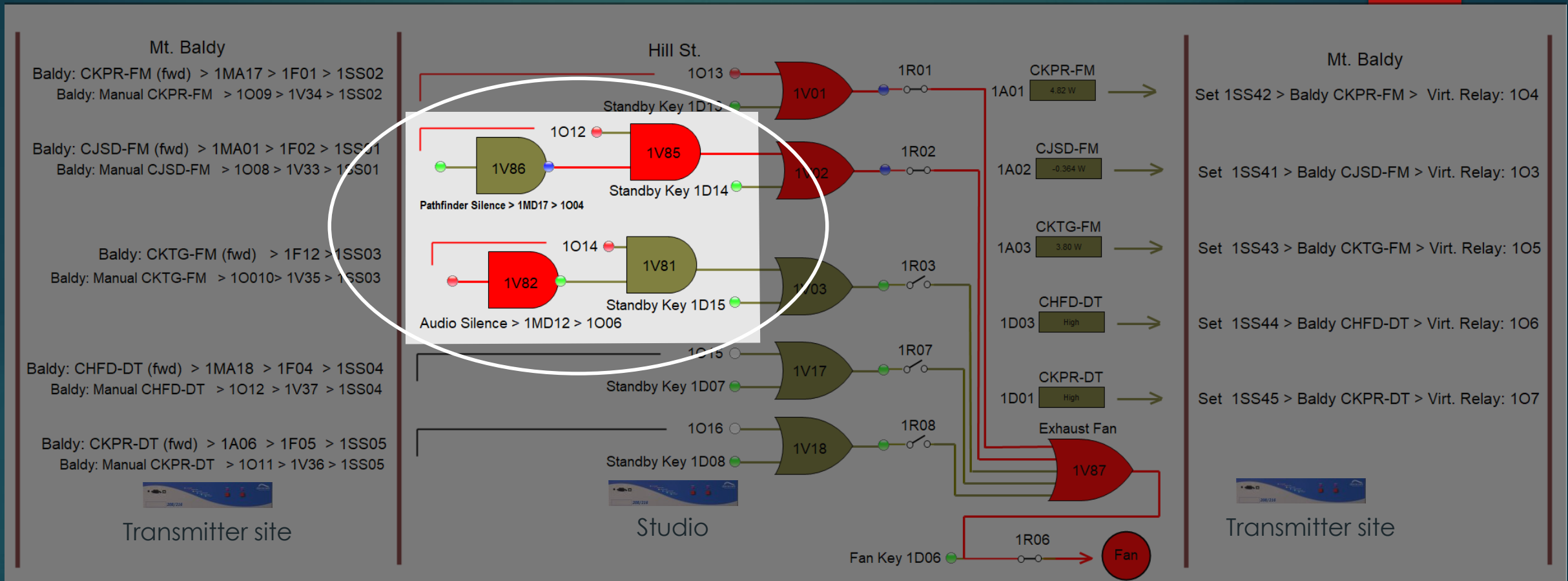
## CKPR-FM Standby Control

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**More Than Remote Site Management**  
 (What we might be doing differently)







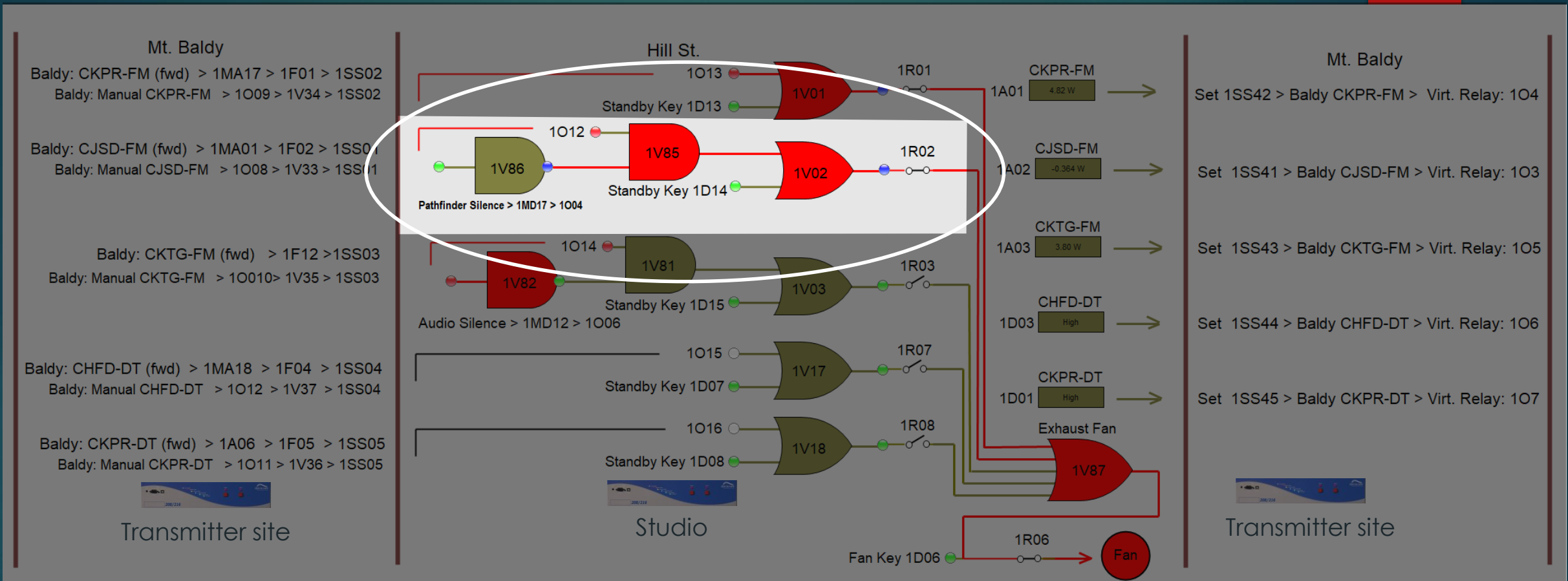
Standby Control: Inhibit due to audio silence

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**More Than Remote Site Management**  
 (What we might be doing differently)







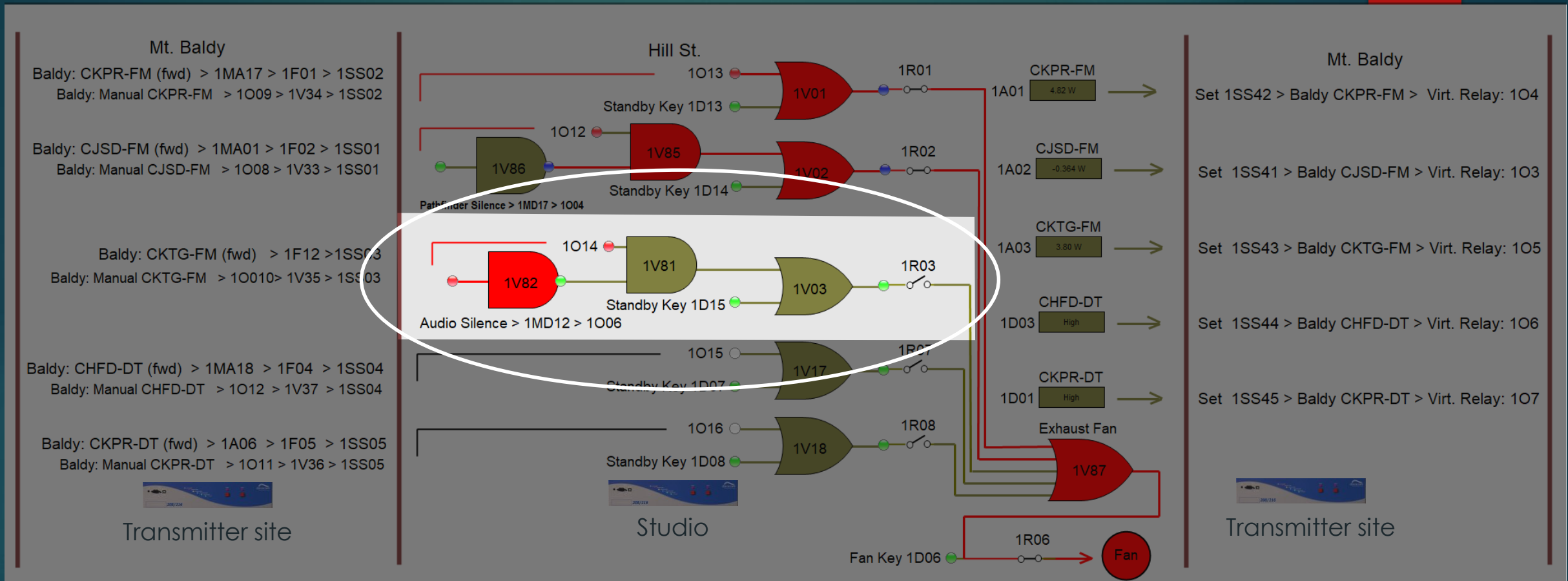
CJSD-FM Standby Control: Inhibit due to audio silence

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**More Than Remote Site Management**  
 (What we might be doing differently)







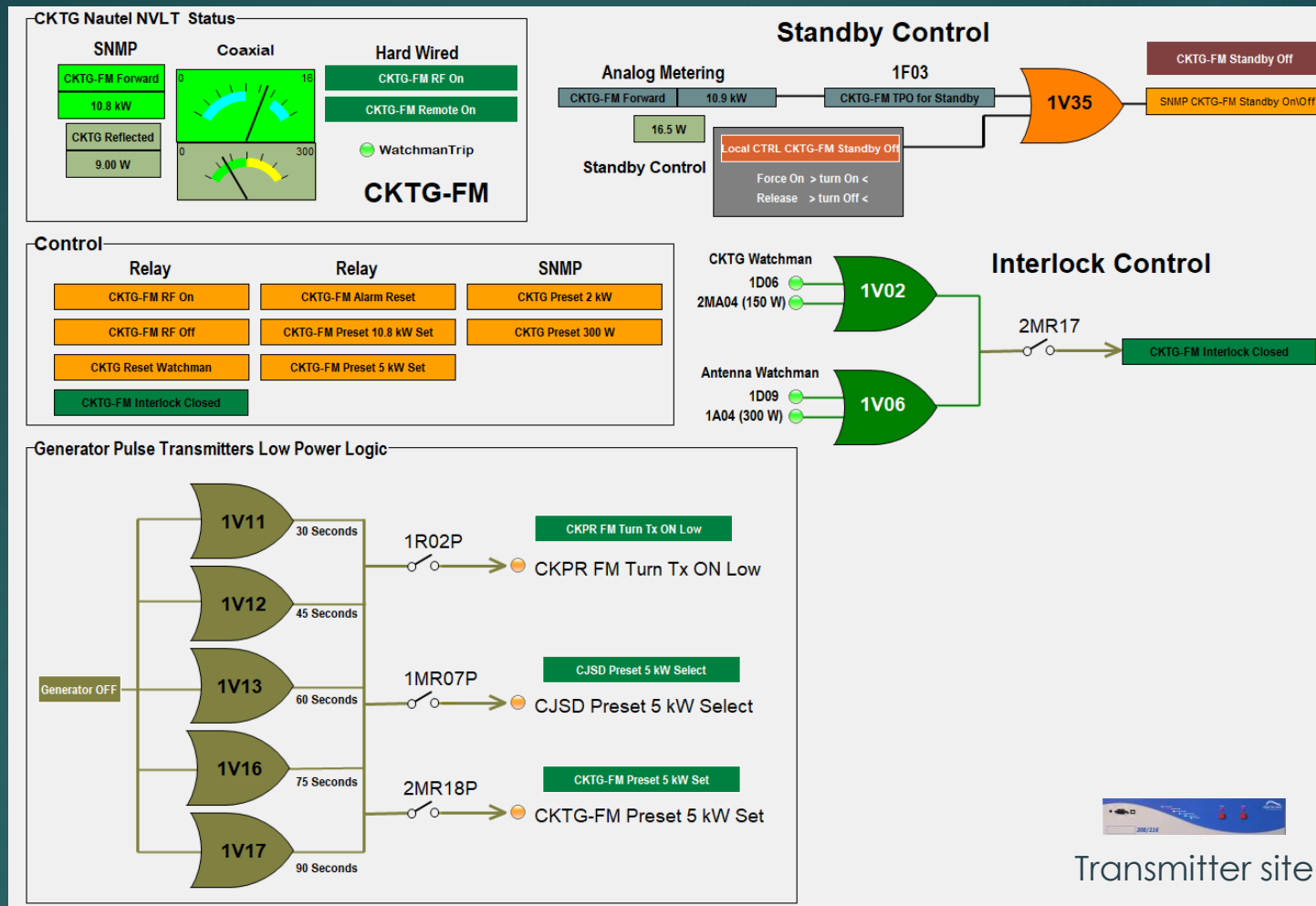
CKTG-FM Standby Control: Inhibit due to audio silence

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**More Than Remote Site Management**  
 (What we might be doing differently)







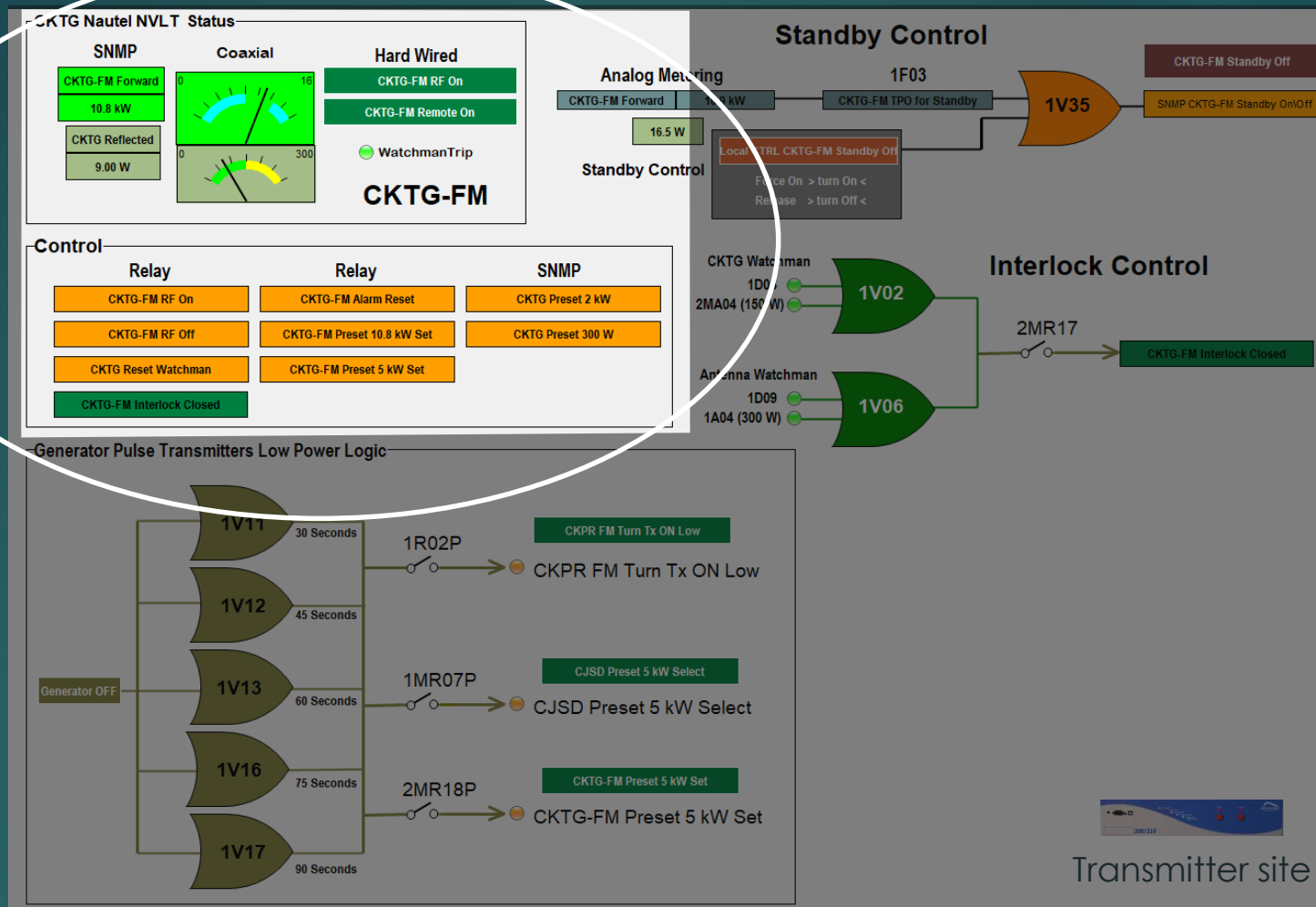
Typical transmitter control/monitoring

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**More Than Remote Site Management**  
 (What we might be doing differently)







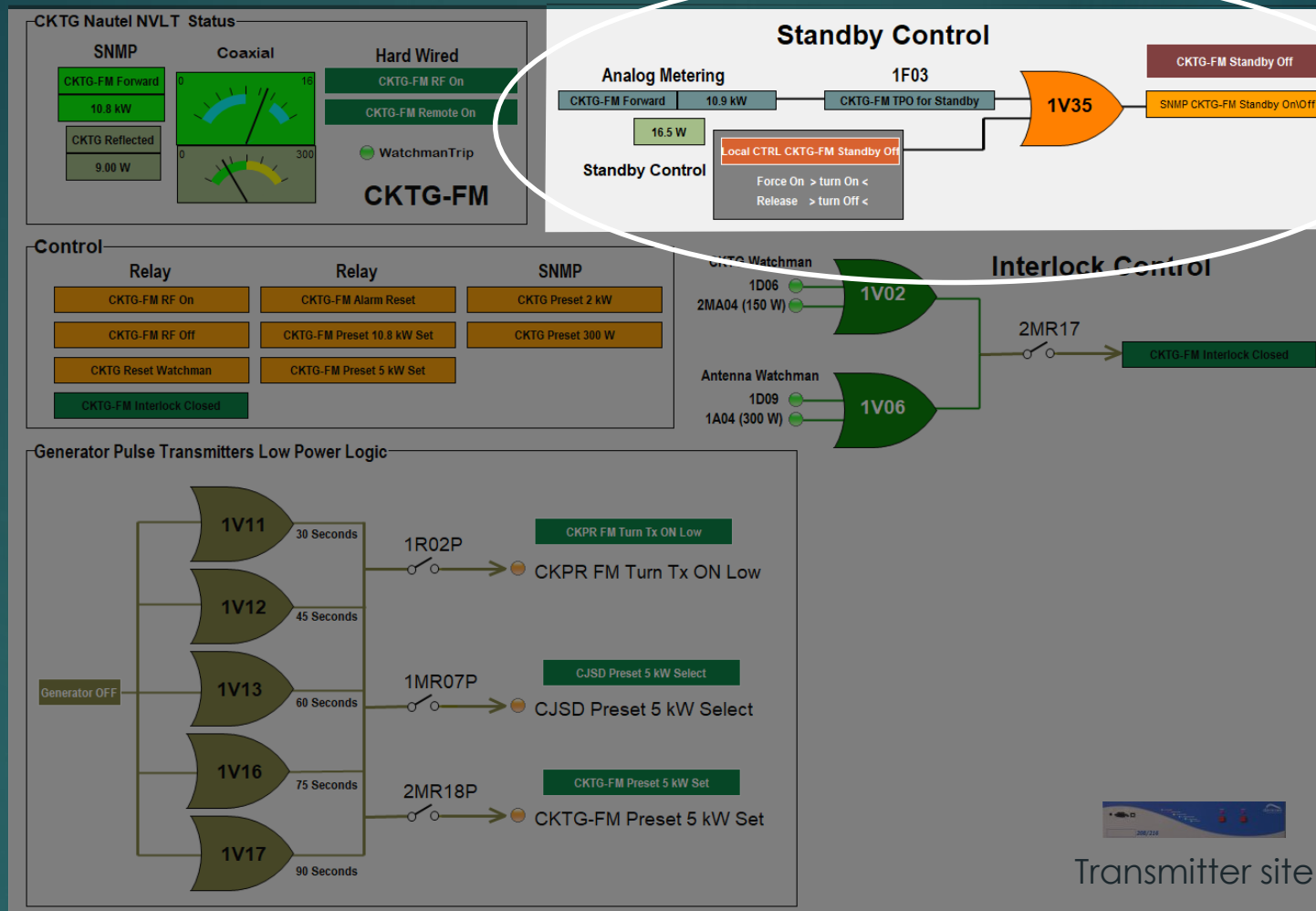
Mix SNMP and Hard wire controls

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**More Than Remote Site Management**  
 (What we might be doing differently)







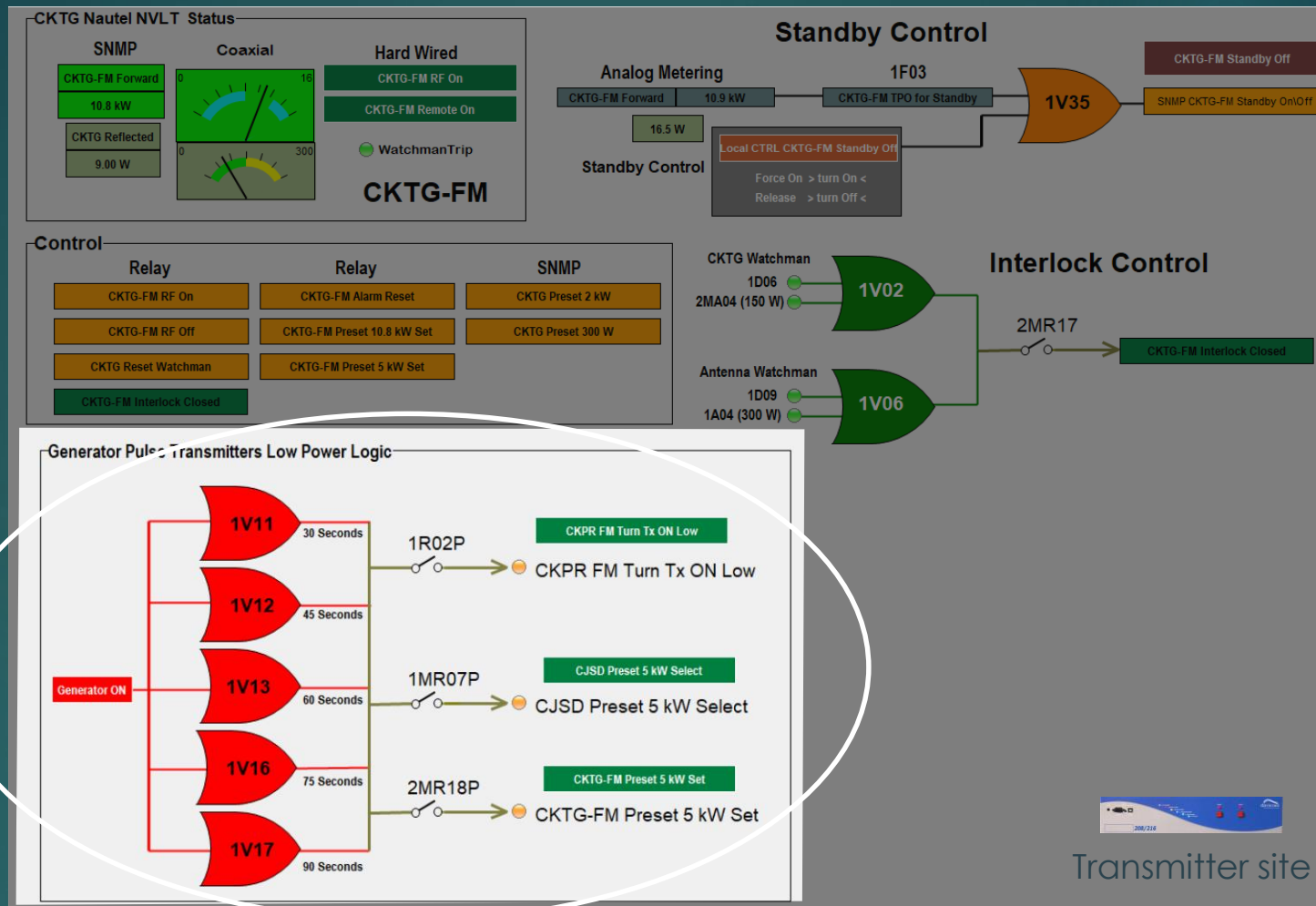
Typical transmitter control/monitoring: Turn Standby on

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**More Than Remote Site Management**  
(What we might be doing differently)







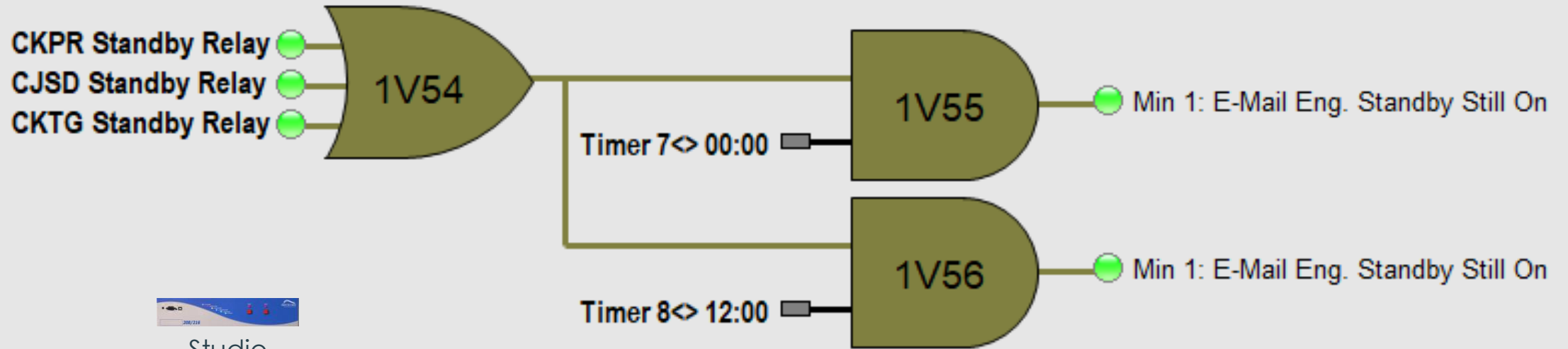
Typical transmitter control/monitoring: **Generator Delay**

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**More Than Remote Site Management**  
 (What we might be doing differently)







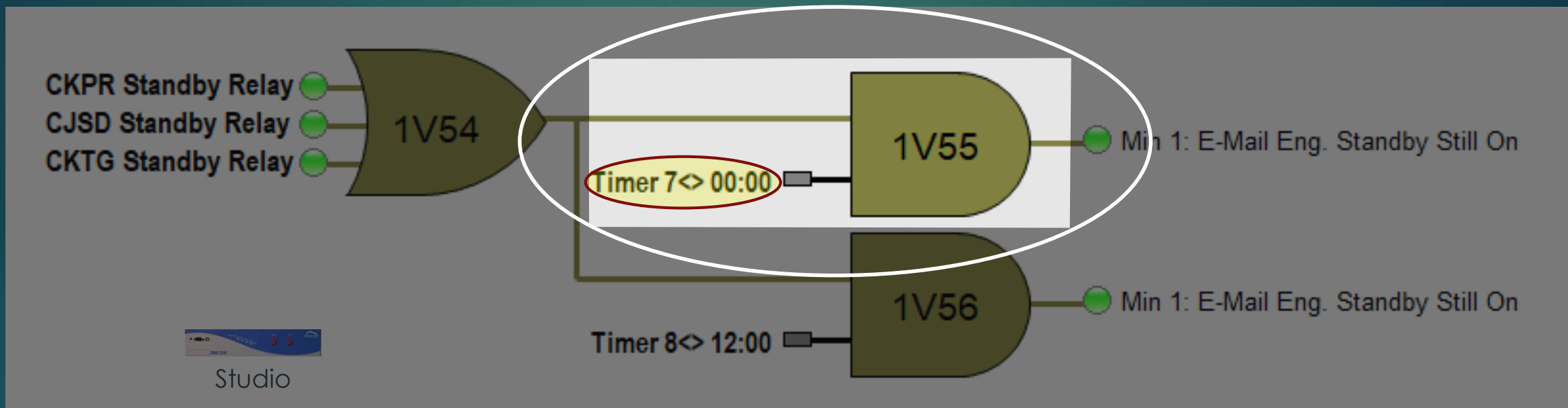
Standby Still "On" notification

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**More Than Remote Site Management**  
(What we might be doing differently)







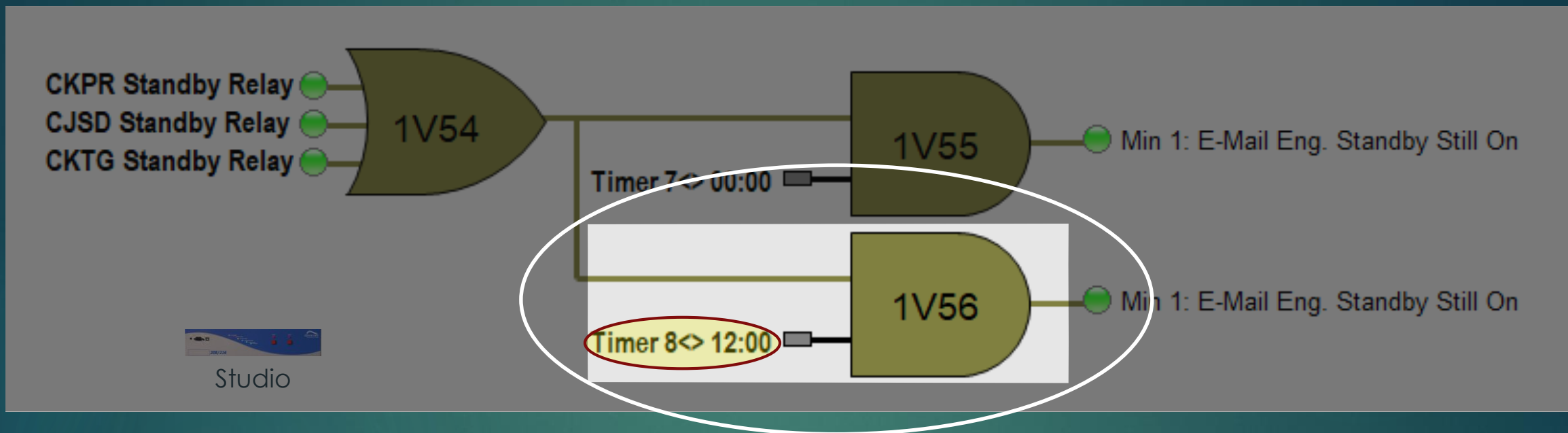
Notification that a standby is still “On”

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**More Than Remote Site Management**  
(What we might be doing differently)







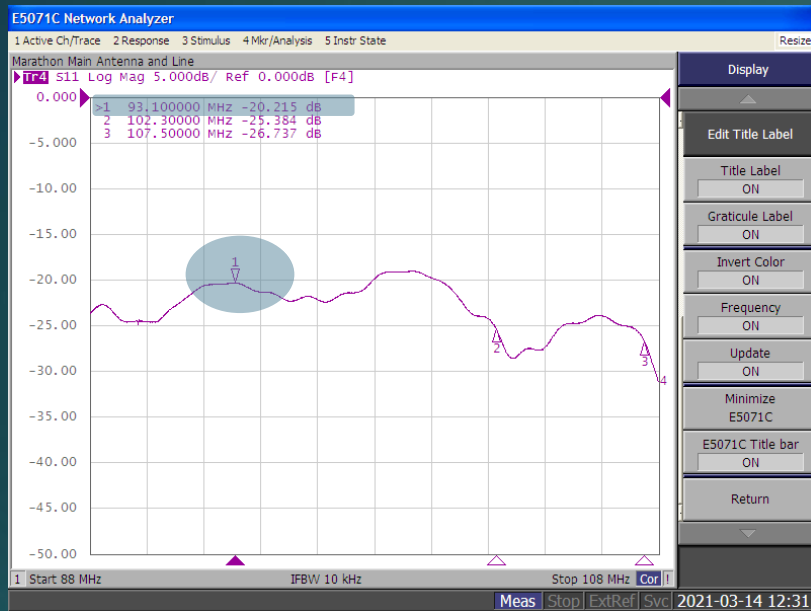
Notification that a standby is still “On”

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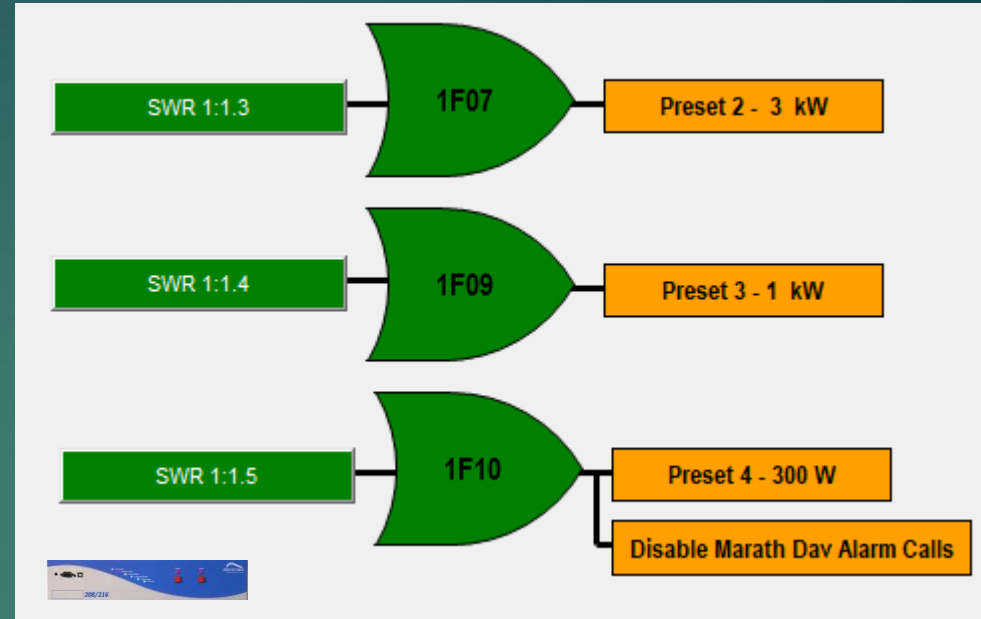
**More Than Remote Site Management**  
(What we might be doing differently)







1:1.22, 20 db  
81.5 W reflected  
49.5 kW ERP



1:1.3, 17.6 db  
(60 Sec delay)  
54 W reflected  
18.1 kW ERP

1:1.4, 15.5 db  
(30 Sec delay)  
28 W reflected  
5.9 kW ERP

1:1.5, 14 db  
(20 Sec delay)  
12 W reflected  
1.7 kW ERP

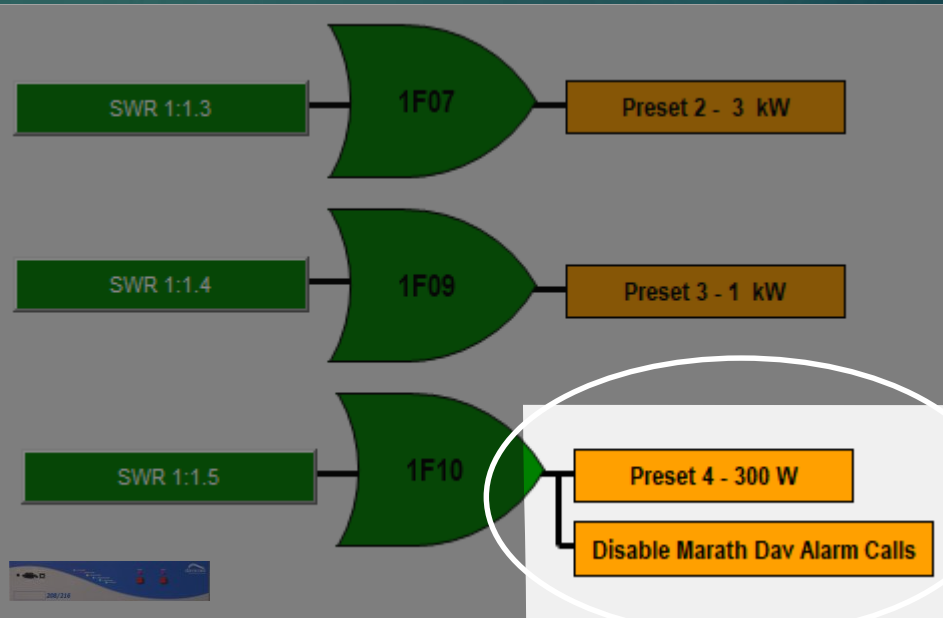
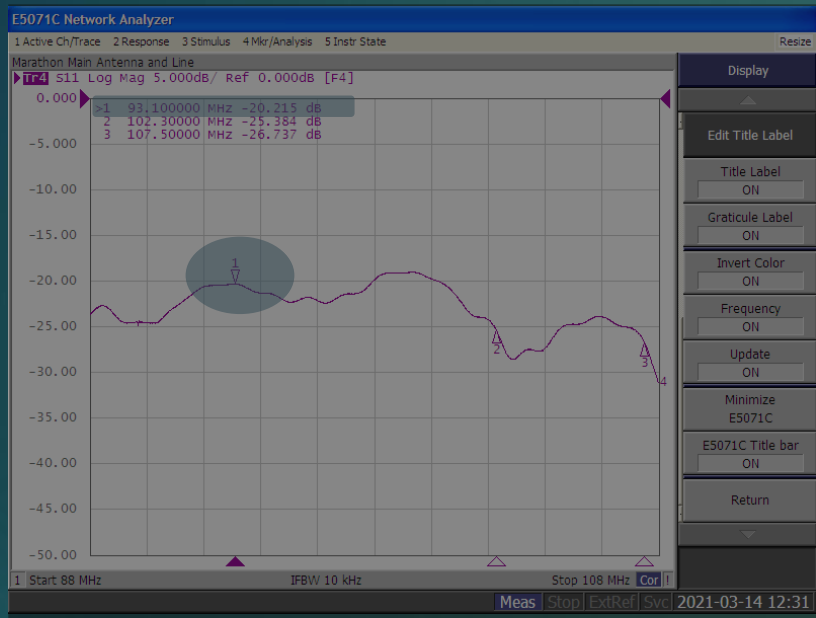
Automatic Foldback, no callouts

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More Than Remote Site Management  
(What we might be doing differently)







1:1.3, 17.6 db  
(60 Sec delay)  
54 W reflected  
18.1 kW ERP

1:1.4, 15.5 db  
(30 Sec delay)  
28 W reflected  
5.9 kW ERP

1:1.5, 14 db  
(20 Sec delay)  
12 W reflected  
1.7 kW ERP

1:1.22, 20 db  
81.5 W reflected  
49.5 kW ERP

Foldback, Disable Alarm Calls



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More Than Remote Site Management  
(What we might be doing differently)





Metering Inputs: Name: Neys ID: 5

Input Number: 1MA02 ☒ Enable Qualifier: State ☒ Auto Read

Descriptions  
 Default: NV10 Reflected Voltage Range: 10  
 Alternate: NV10 Reflected Measurement Unit: W  
 Normal Value: 0

Sensor Coefficients  
 A: 0 B: 200.0 C: 0 D: 0  
 Graph:  $y = A x^2 + B x + C$  for  $D = 0$ , or  
 $y = D \log(A x^2 + B x + C)$

Actions: Vocal Description Modbus

Level 1  
 Action Type: MAJ Alarm List: 1  
 Limits: (\*=don't care) Low: \* Hysteresis: 0 High: 125.0 Hysteresis: 0  
 Controlled Relays: 1: 1MR07P 2: 3: 4: 5: 6:

Automatic Limit Change  
 Qualifier: Multiplier: 1.00  
 Meter Window  
 Low: 0 High: 300.0

Signaling On  
☒ Alarm  
☐ Return to Normal

Level 2  
 Action Type: MIN Alarm List: 1  
 Limits: (\*=don't care) Low: \* Hysteresis: 0 High: 200.0 Hysteresis: 0  
 Controlled Relays: 1: 1MR09P 2: 1MR02P 3: 1MR10 4: 5: 6:

Delays  
 Before Action (sec): 1  
 Before Return to Normal: 1

Logging  
☒ Custom Log

OK Cancel

Analog – Reflection protection

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**More Than Remote Site Management**  
 (What we might be doing differently)





Metering Inputs: Name: Neys ID: 5

Input Number: 1MA02 ☒ Enable Qualifier State ☒ Auto Read Read Write Delete

Descriptions  
Default NV10 Reflected Voltage Range: 10 Measurement Unit: W  
Alternate NV10 Reflected Normal Value: 0

Sensor Coefficients  
A B C D  
0 200.0 0 0  
Graph  $y = A x^2 + B x + C$  for  $D = 0$ , or  $y = D \log(A x^2 + B x + C)$

Actions Vocal Description Modbus

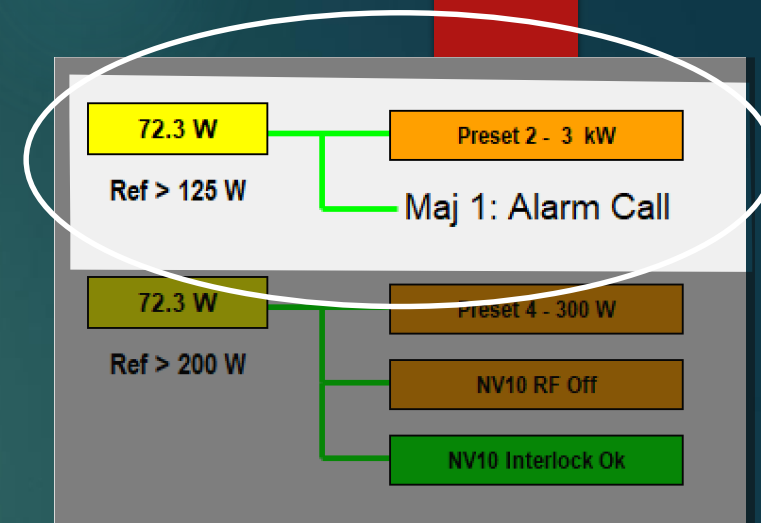
**Level 1**  
Action Type: MAJ Alarm List: 1  
Limits: (\*=don't care) Low: \* Hysteresis: 0 High: 125.0 Hysteresis: 0  
Controlled Relays: 1 2 3 4 5 6  
1MR07P

Automatic Limit Change  
Qualifier: Multiplier: 1.00  
Meter Window  
Low: 0 High: 300.0  
Signaling On  
☒ Alarm  
☐ Return to Normal

Level 2  
Action Type: MIN Alarm List: 1  
Limits: (\*=don't care) Low: \* Hysteresis: 0 High: 200.0 Hysteresis: 0  
Controlled Relays: 1 2 3 4 5 6  
1MR09P 1MR02P 1MR10

Delays  
Before Action (sec): 1  
Before Return to Normal: 1  
Logging  
☒ Custom Log

OK Cancel



Level 1: **Major 1**

- Callout
- Preset 2, 3 kW TPO

Analog – Reflection protection, Level 1

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**More Than Remote Site Management**  
(What we might be doing differently)





Metering Inputs: Name: Neys ID: 5

Input Number: 1MA02 ☒ Enable Qualifier State ☒ Auto Read Read Write Delete

Descriptions  
 Default NV10 Reflected Voltage Range: 10  
 Alternate NV10 Reflected Measurement Unit: W  
 Normal Value: 0

Sensor Coefficients  
 A B C D  
 0 200.0 0 0  
 Graph  $y = A x^2 + B x + C$  for  $D = 0$ , or  
 $y = D \log(A x^2 + B x + C)$

Actions Vocal Description Modbus

Level 1  
 Action Type: MAJ Alarm List: 1  
 Limits: (\*=don't care) Low: \* Hysteresis: 0 High: 125.0 Hysteresis: 0  
 Controlled Relays: 1MR07P

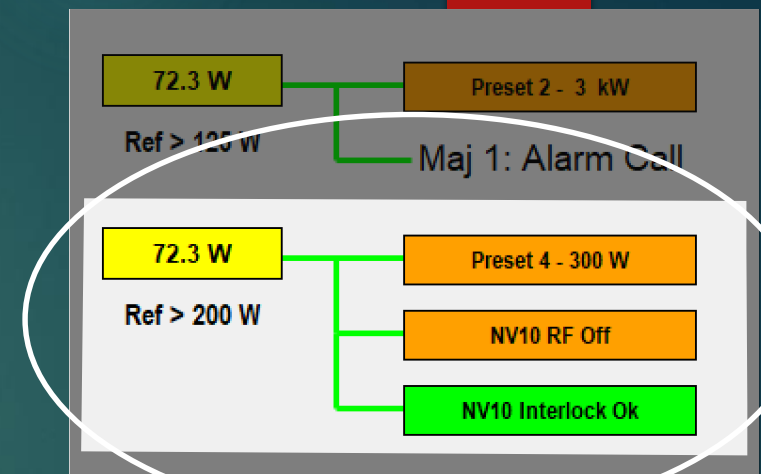
Automatic Limit Change  
 Qualifier: Multiplier: 1.00  
 Meter Window Low: 0 High: 300.0

Level 2  
 Action Type: MIN Alarm List: 1  
 Limits: (\*=don't care) Low: \* Hysteresis: 0 High: 200.0 Hysteresis: 0  
 Controlled Relays: 1MR09P 1MR02P 1MR10

Delays  
 Before Action (sec): 1  
 Before Return to Normal: 1

Logging  
☒ Custom Log

OK Cancel



Level 2: **Min 1**

- Pulse 300 W TPO
- Pulse RF Off
- Open Interlock

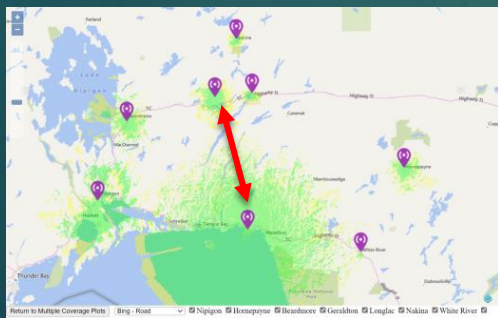
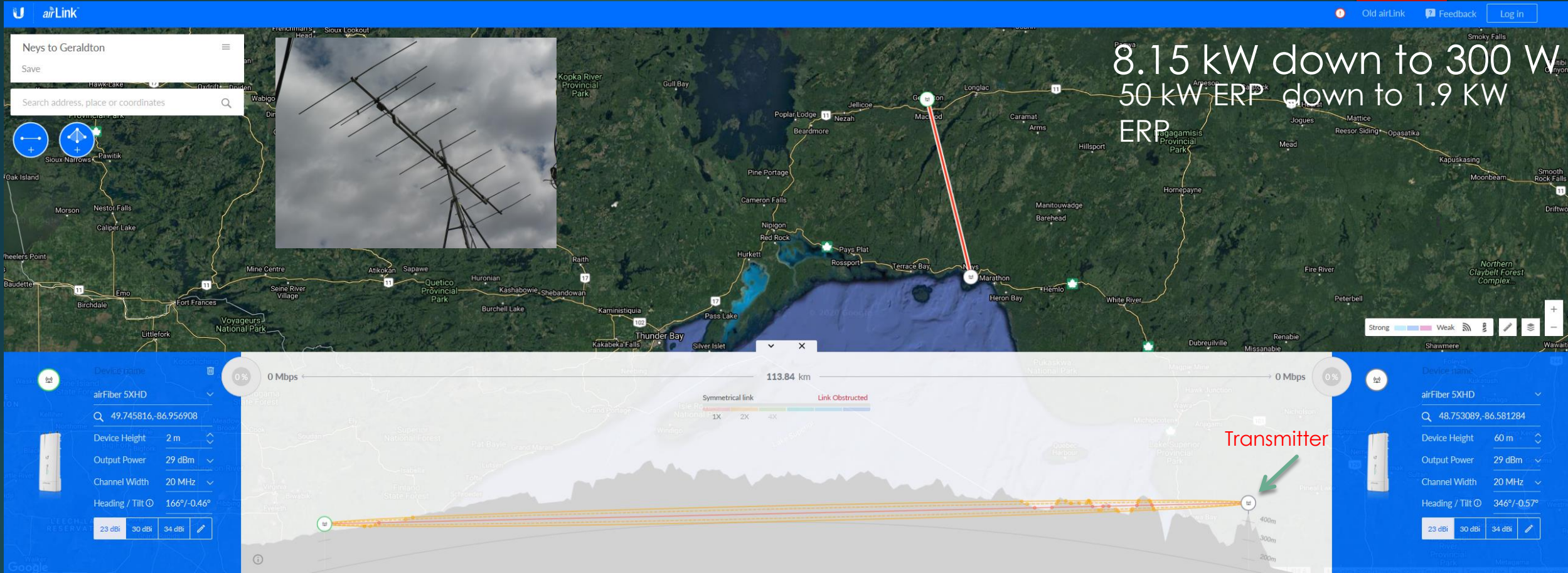
Analog – Reflection protection, Level 2

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**More Than Remote Site Management**  
 (What we might be doing differently)







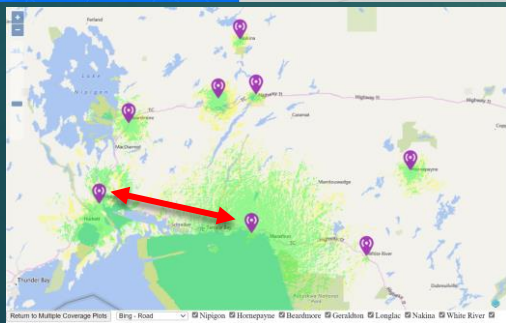
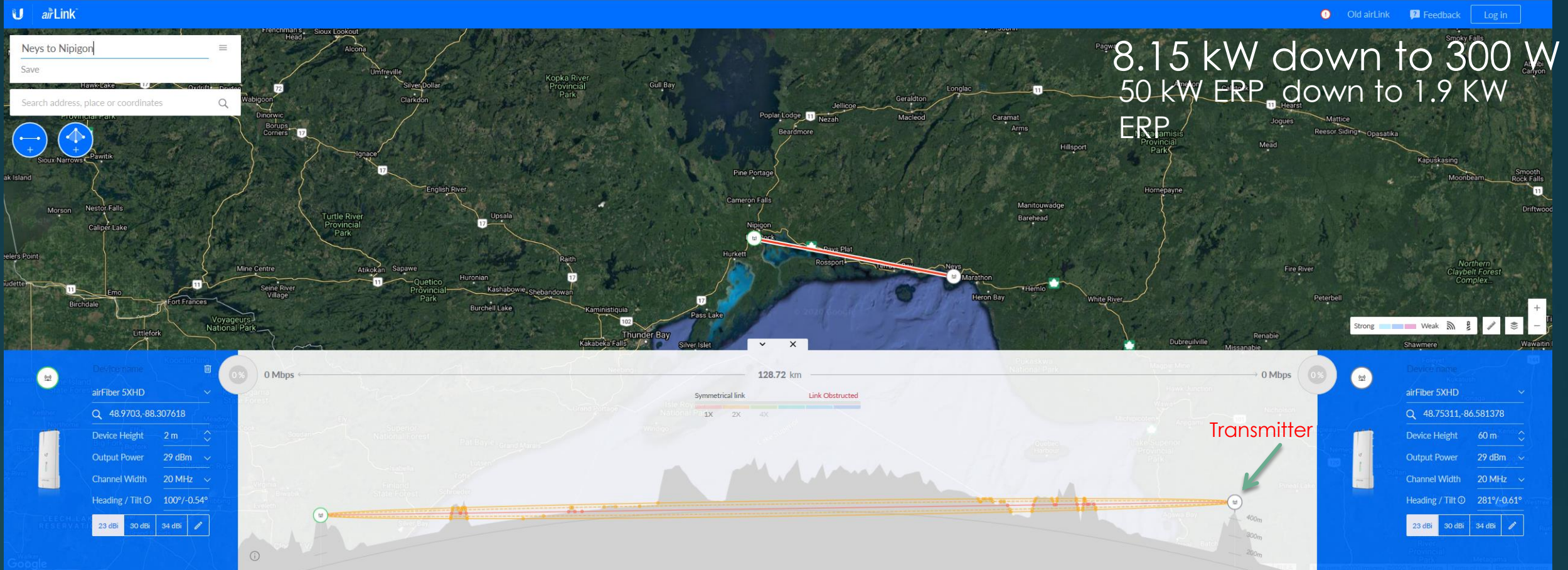
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<https://ispdesign.ui.com/#>  
<https://support.nautel.com/rf-toolkit/radio-coverage-tool/>  
Receivable signal 114 km (71 miles) @ 300 TPO

**More Than Remote Site Management**  
(What we might be doing differently)







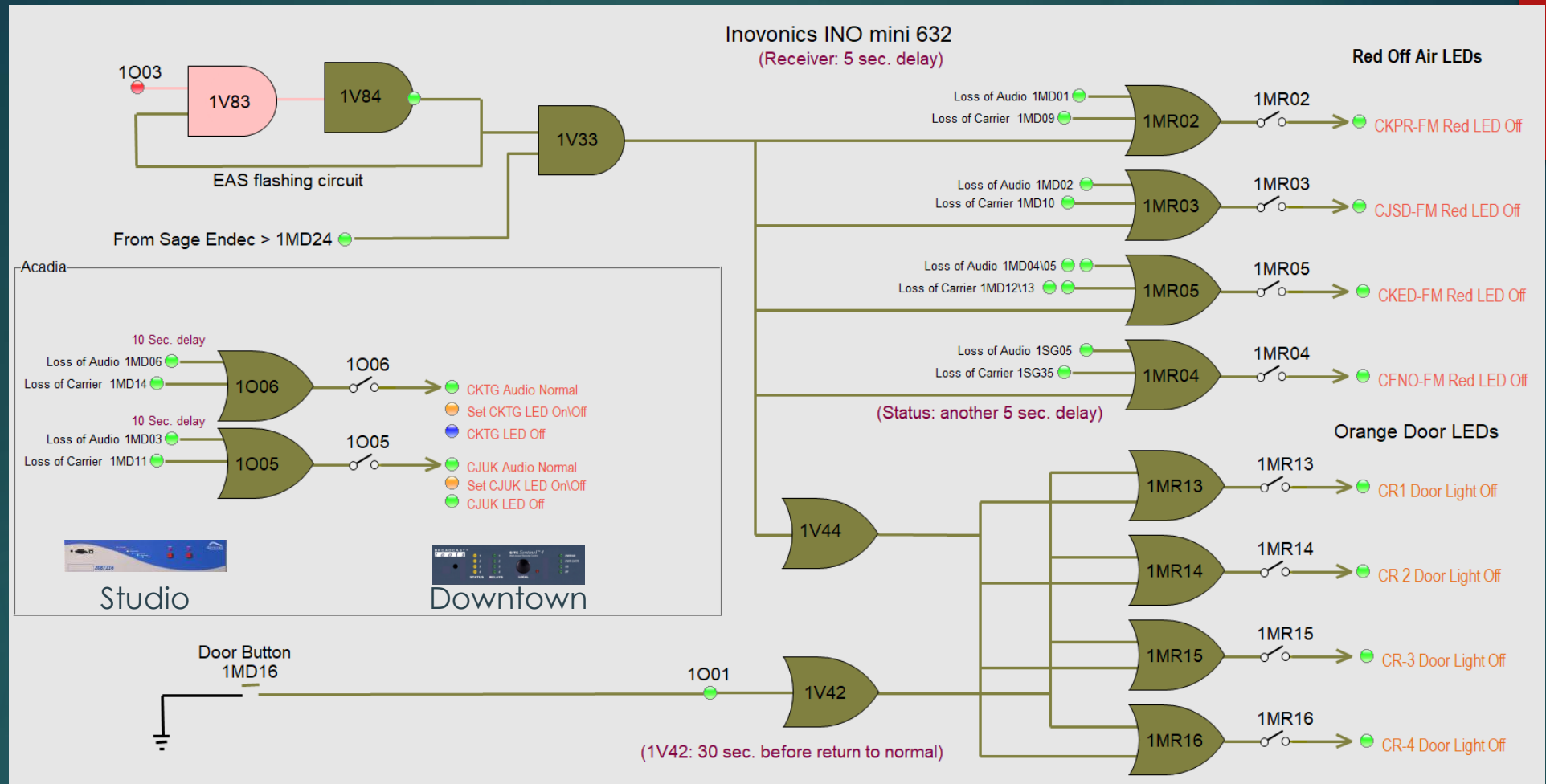
NAB 2023

<https://ispdesign.ui.com/#>  
<https://support.nautel.com/rf-toolkit/radio-coverage-tool/>  
Receivable signal 129 km (80 miles) @ 300 TPO

**More Than Remote Site Management**  
(What we might be doing differently)







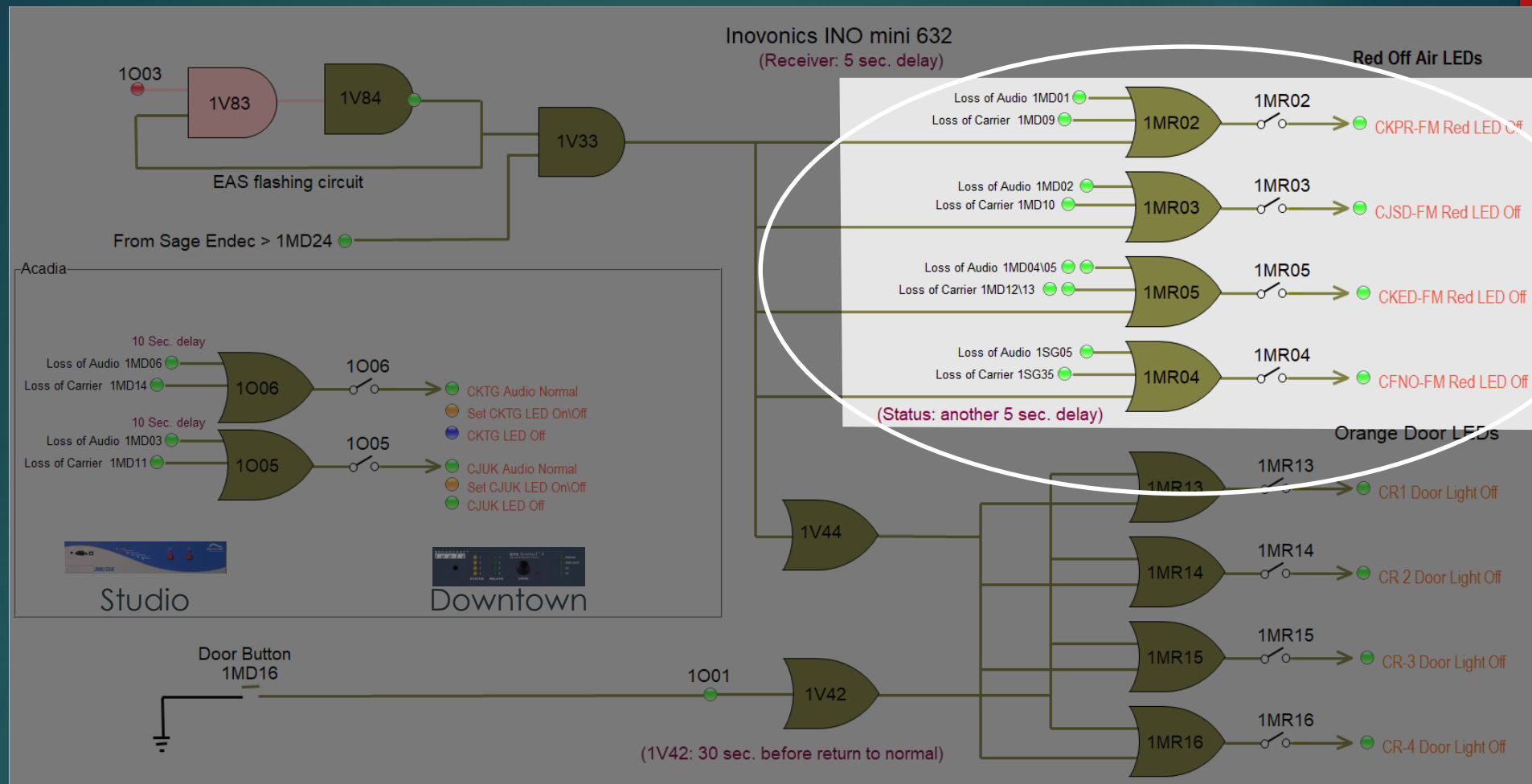
## Control Room LEDs

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**More Than Remote Site Management**  
(What we might be doing differently)







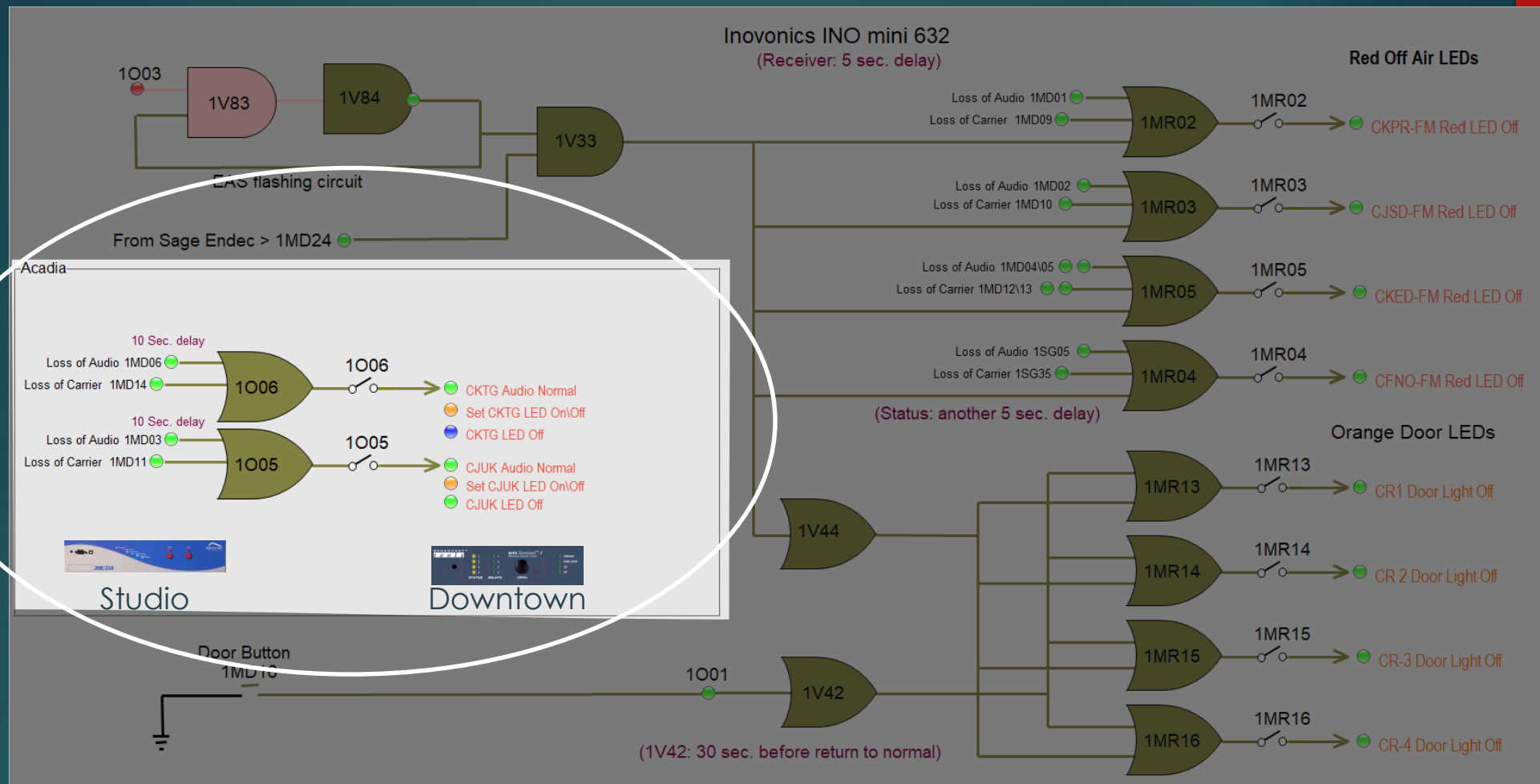
Control Room LEDs: **Audio Silence**

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**More Than Remote Site Management**  
(What we might be doing differently)







Control Room LEDs: Sets Broadcast Tools via SNMP downtown

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**More Than Remote Site Management**  
(What we might be doing differently)





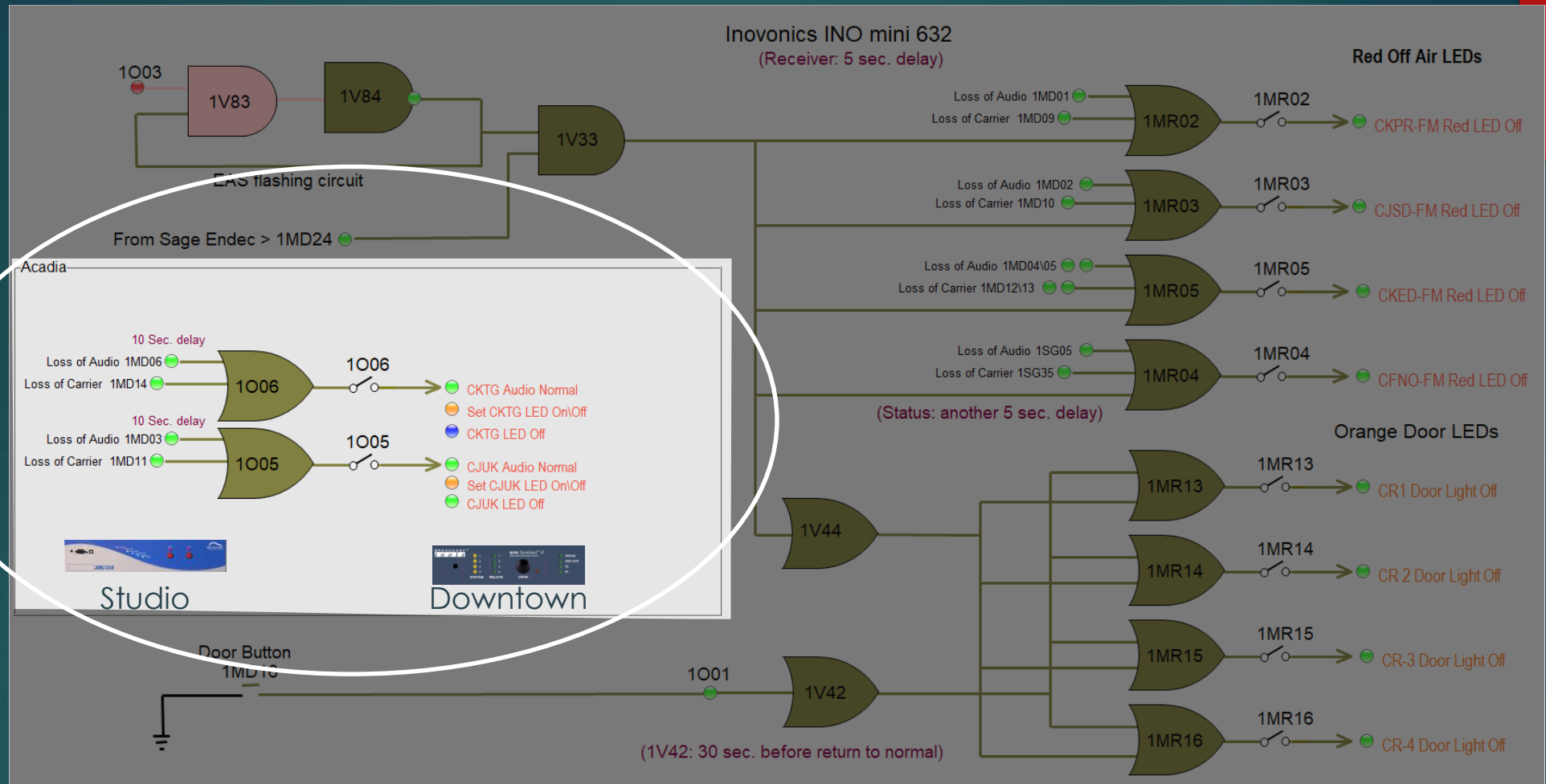


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**More Than Remote Site Management**  
(What we might be doing differently)







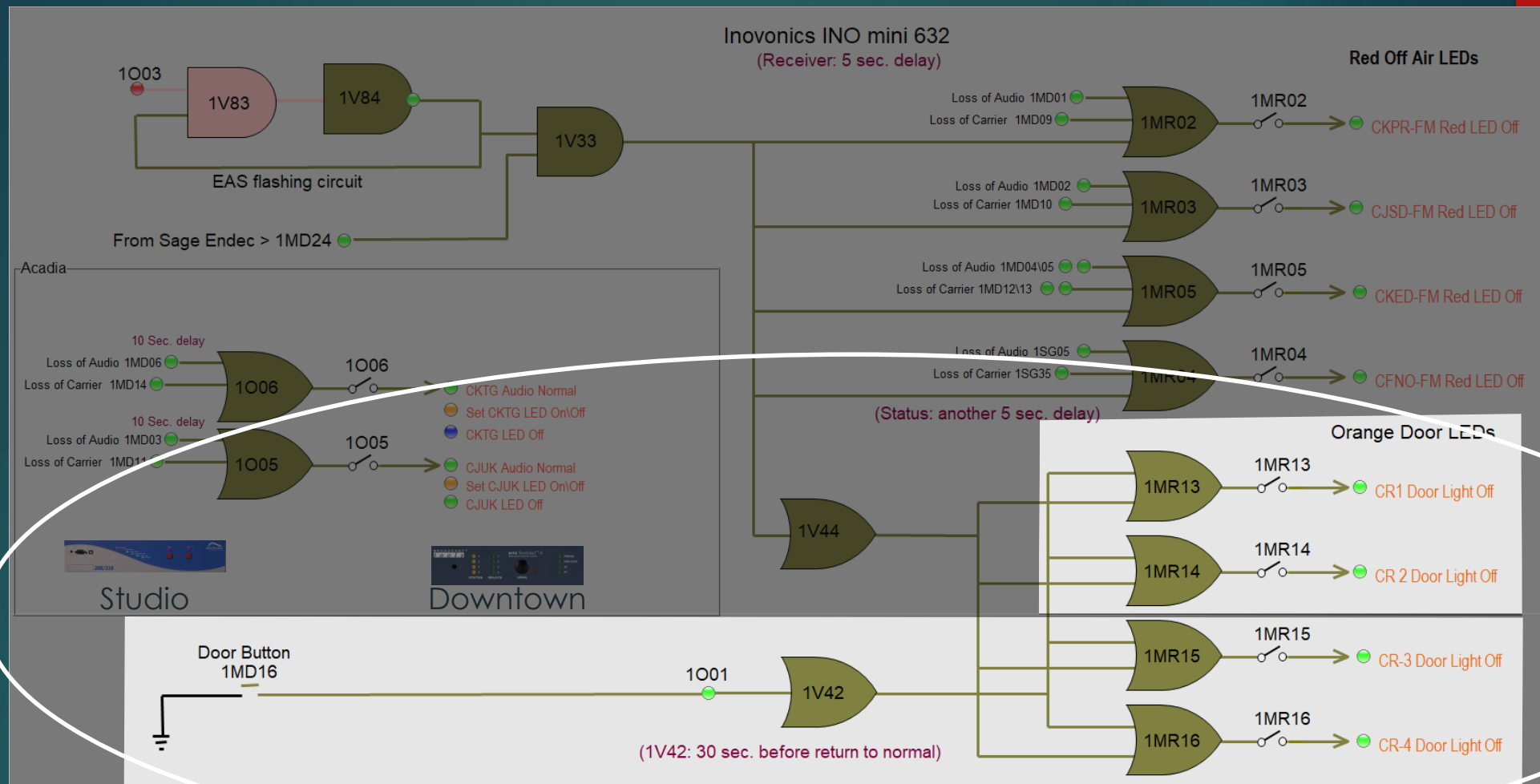
Control Room LEDs: Sets Broadcast Tools via SNMP downtown

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**More Than Remote Site Management**  
(What we might be doing differently)







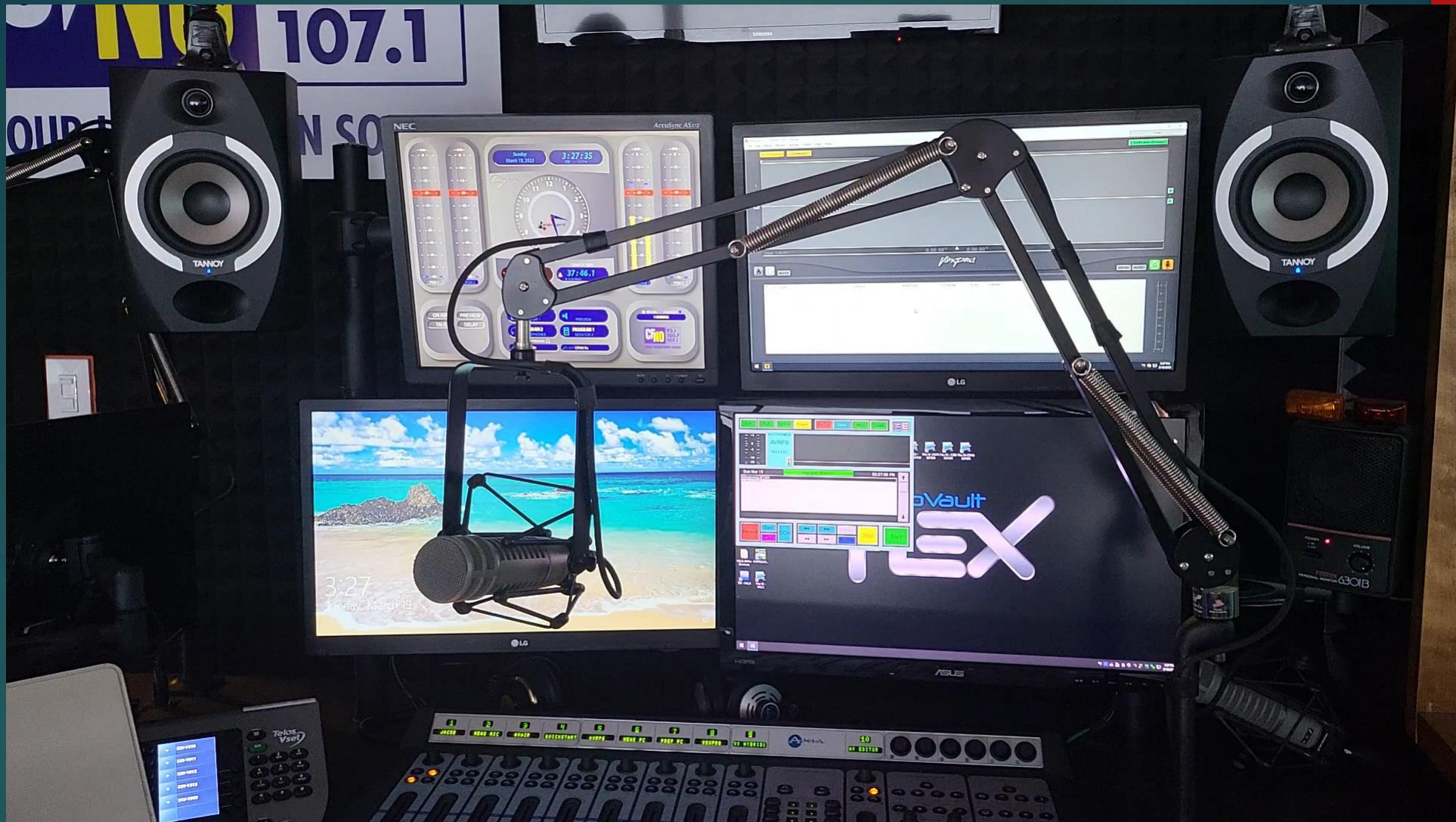
Control Room LEDs: Door button pressed

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**More Than Remote Site Management**  
(What we might be doing differently)





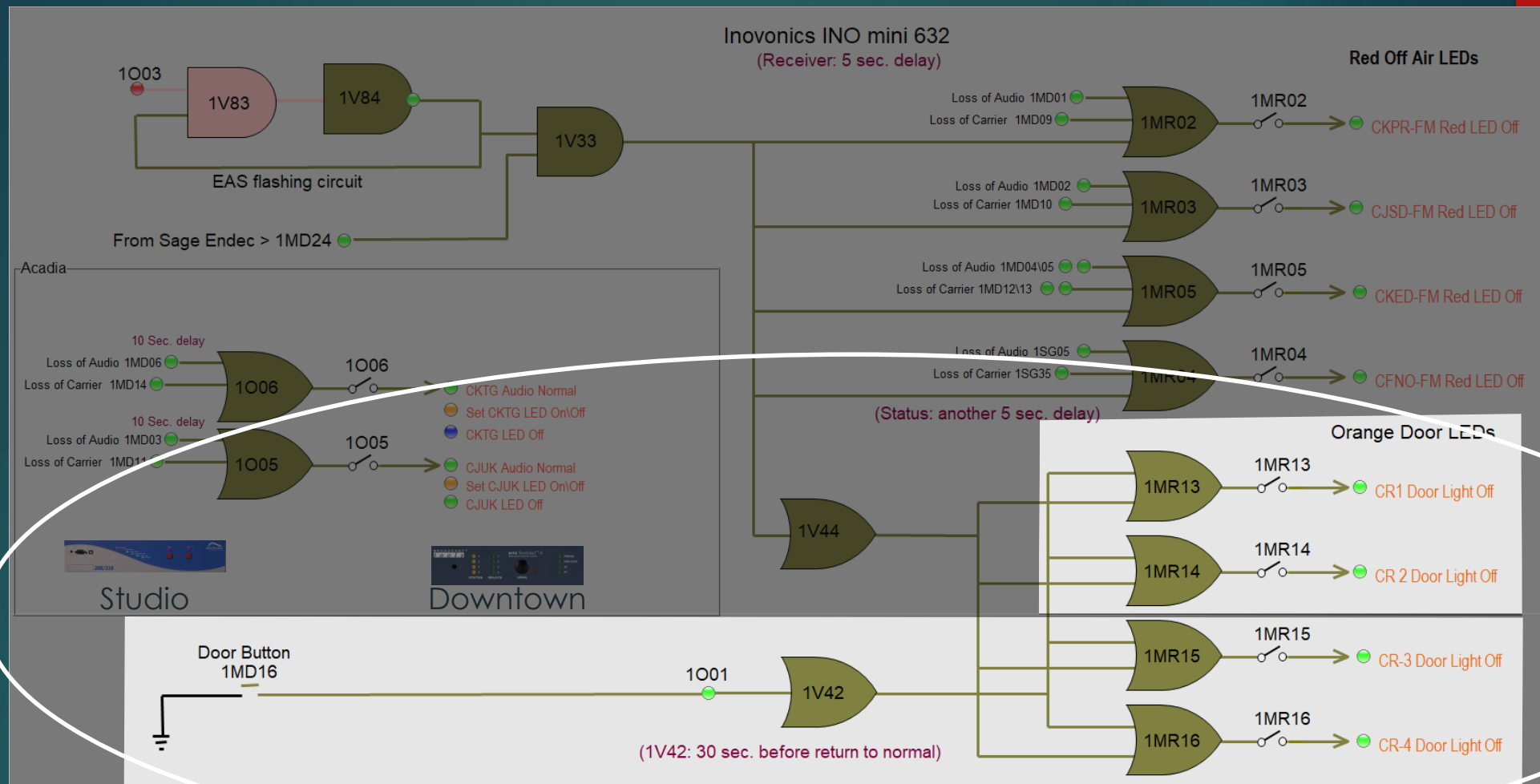


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**More Than Remote Site Management**  
(What we might be doing differently)







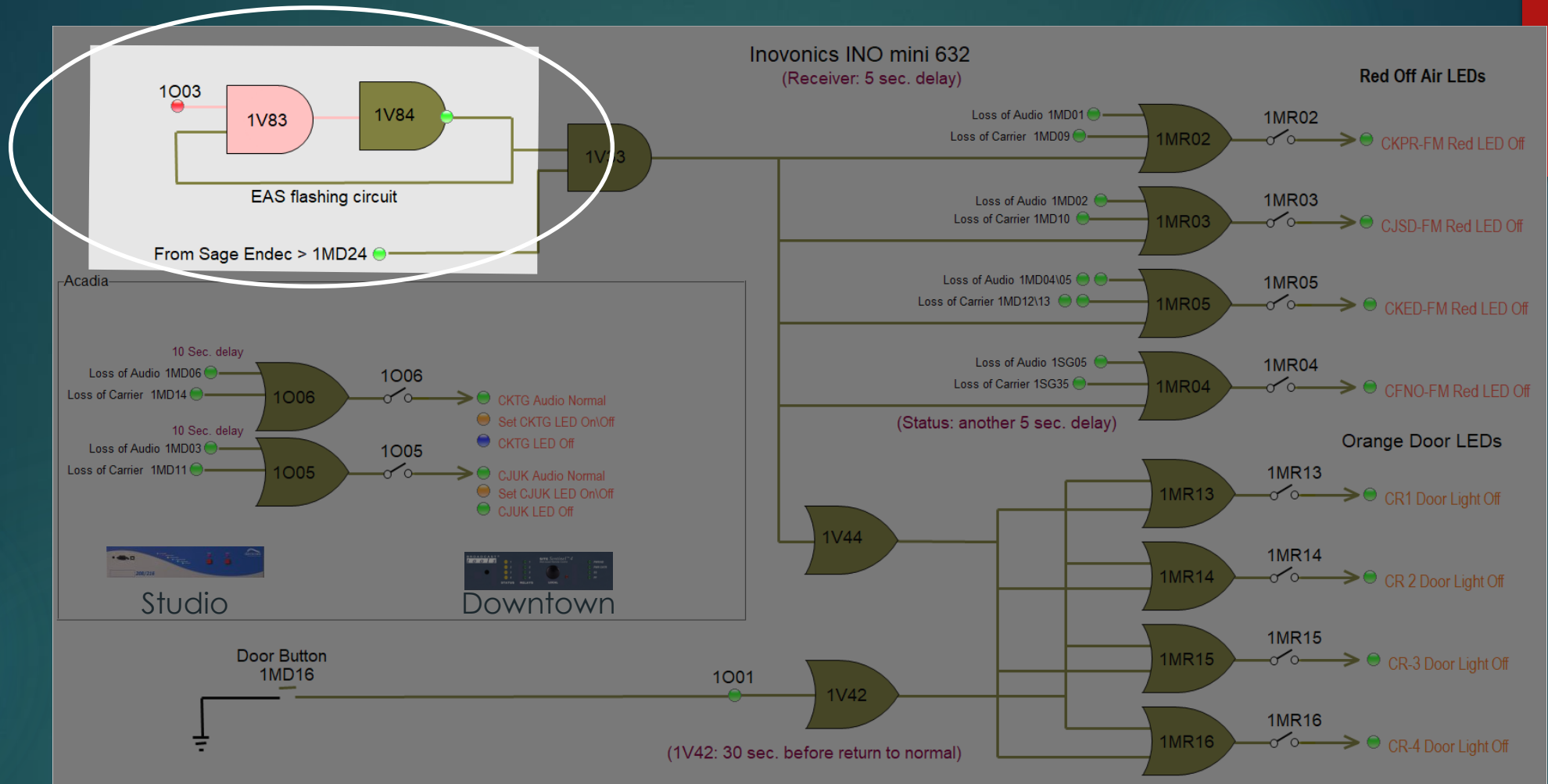
Control Room LEDs: Door button pressed

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**More Than Remote Site Management**  
(What we might be doing differently)







## Control Room LEDs: EAS Flashing Circuit

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**More Than Remote Site Management**  
(What we might be doing differently)









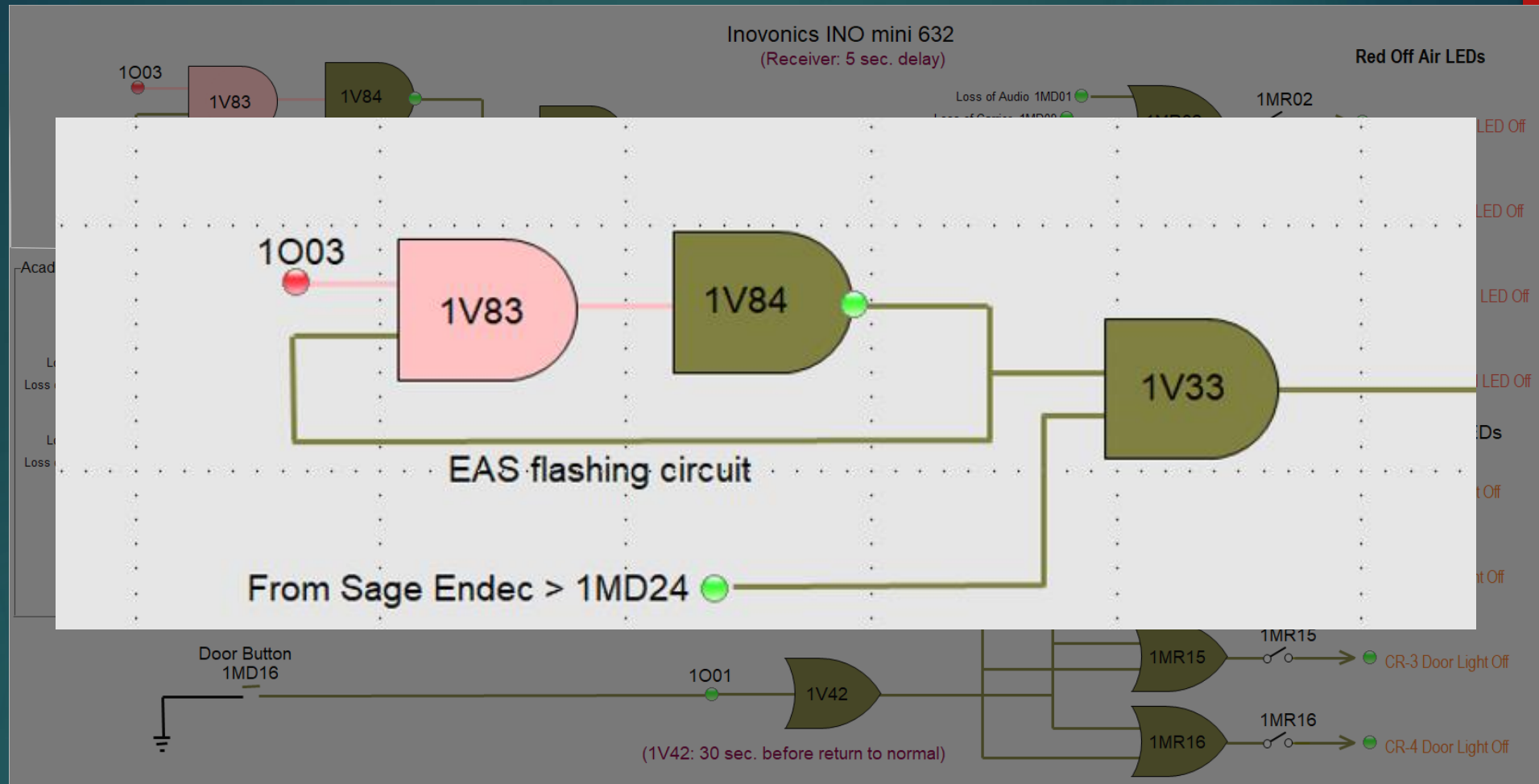


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**More Than Remote Site Management**  
(What we might be doing differently)







Control Room LEDs: EAS Flashing Circuit

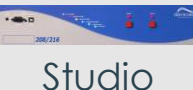
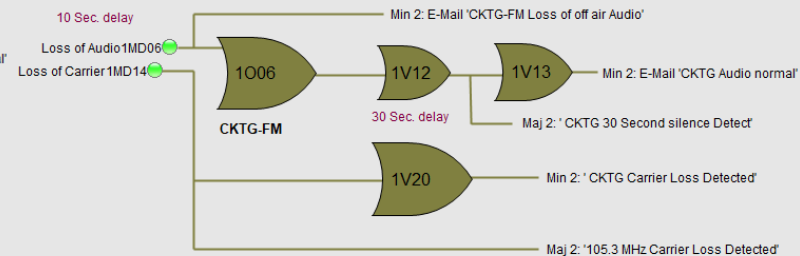
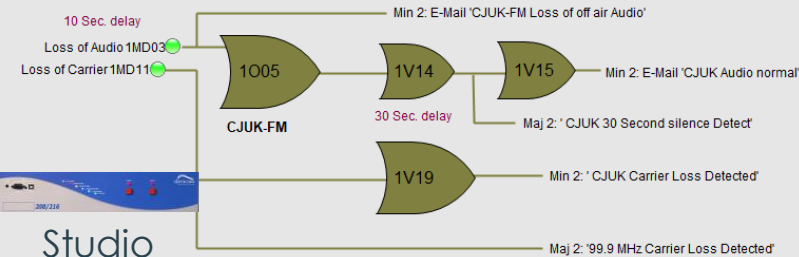
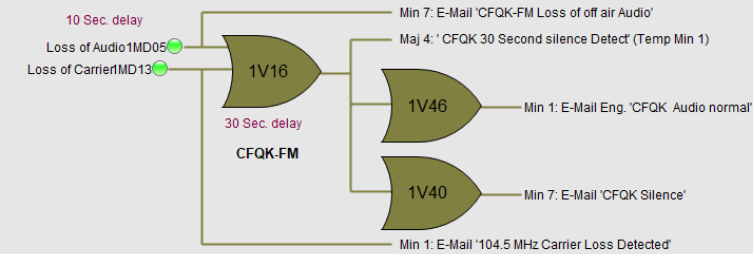
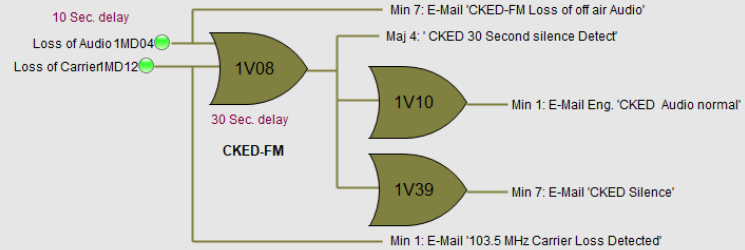
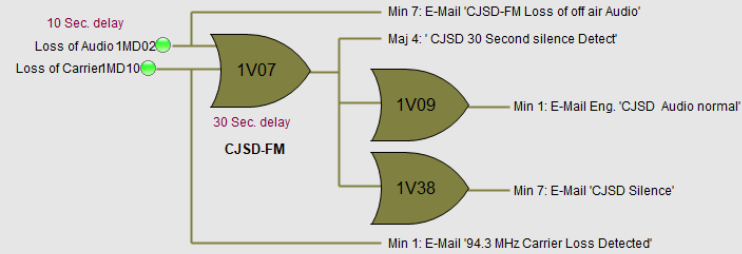
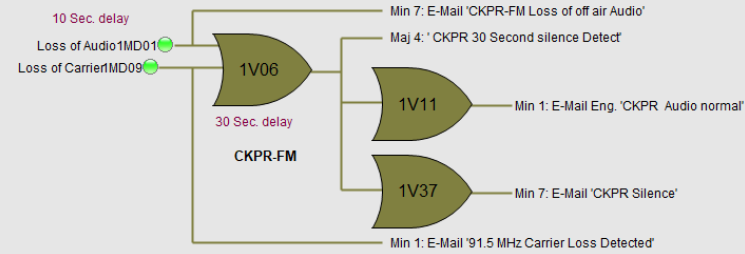
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**More Than Remote Site Management**  
(What we might be doing differently)





Min 1 = [engineering@dougallmedia.com](mailto:engineering@dougallmedia.com)  
 Min 2 = [engineering@dougallmedia.com](mailto:engineering@dougallmedia.com) / [pay.Engineering@radioabl.ca](mailto:pay.Engineering@radioabl.ca)  
 Min 7 = [RadioOffAirNotification@dougallmedia.com](mailto:RadioOffAirNotification@dougallmedia.com)



## Audio or Carrier loss notifications

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**More Than Remote Site Management**  
 (What we might be doing differently)

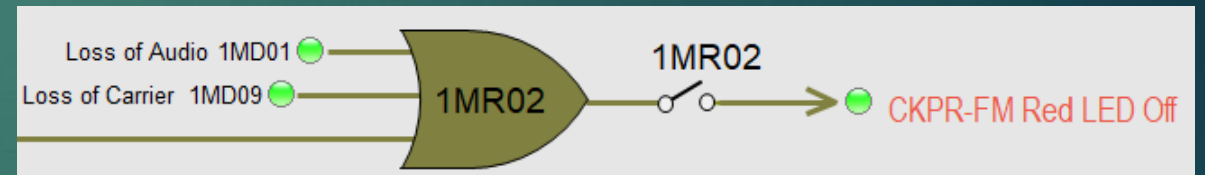
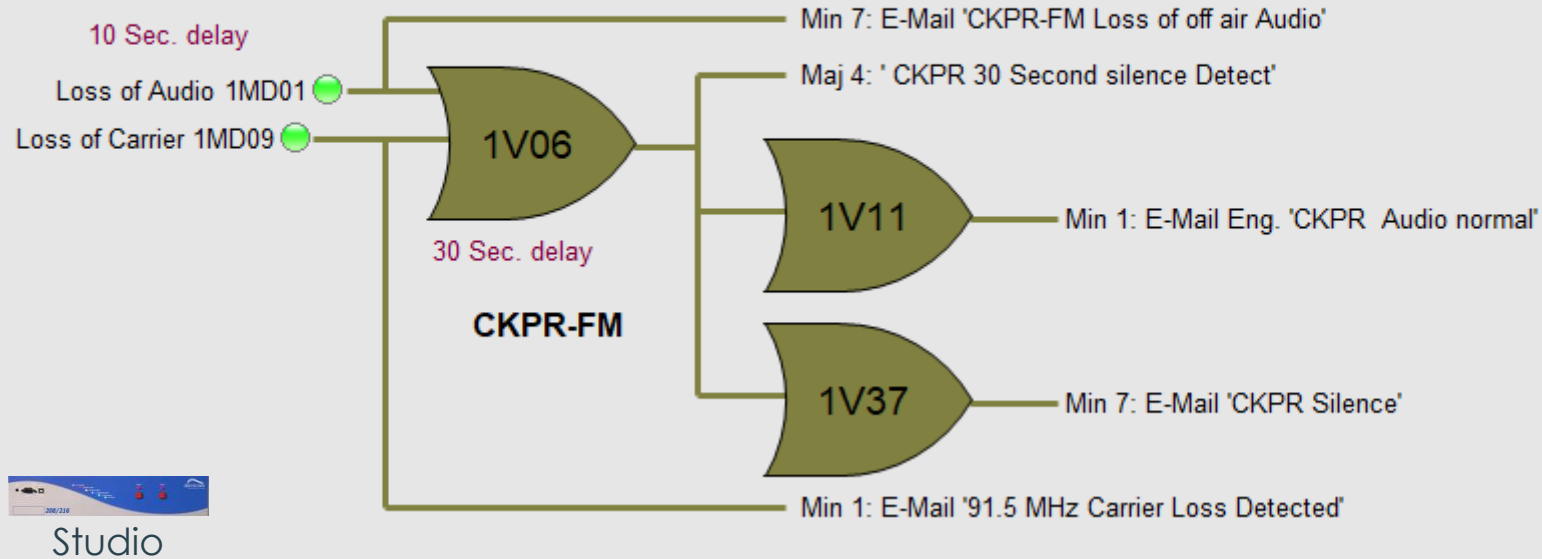




Min 1 = [engineering@dougallmedia.com](mailto:engineering@dougallmedia.com)

Min 2 = [engineering@dougallmedia.com](mailto:engineering@dougallmedia.com), [Tbay.Engineering@radioabl.ca](mailto:Tbay.Engineering@radioabl.ca)

Min 7 = [RadioOffAirNotification@dougallmedia.com](mailto:RadioOffAirNotification@dougallmedia.com)



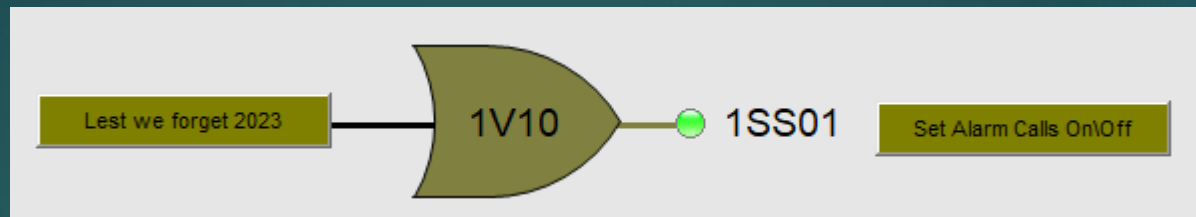
Audio or Carrier loss notifications

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**More Than Remote Site Management**  
(What we might be doing differently)







Timers: Name: Marathon Davicom ID: 4

☐ Y  
☐ M  
☐ W  
☒ D

00:00 06:00 12:00 18:00 23:59

ID	Description	Start Date	Stop Date	Start Time	Stop Time	S	M	T	W	T	F	S
1H01	Lest we forget 2023	2023-11-11	2023-11-11	10:55	11:10	1	1	1	1	1	1	1
1H02												
1H03												
1H04												
1H05												
1H06												

Description  
Default: Lest we forget 2023  
Alternate: Lest we forget 202

Change Delete

Date  
Start: 2023-11-11  
Stop: 2023-11-11

Time  
Start: 10:55  
Stop: 11:10

Days of the Week  
☒ Sunday ☒ Monday ☒ Tuesday ☒ Wednesday  
☒ Thursday ☒ Friday ☒ Saturday

Apply OK Cancel

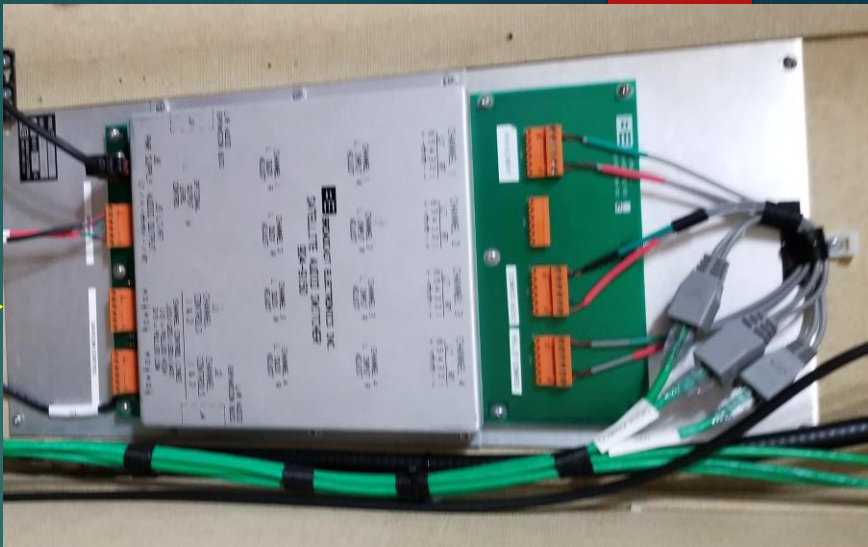
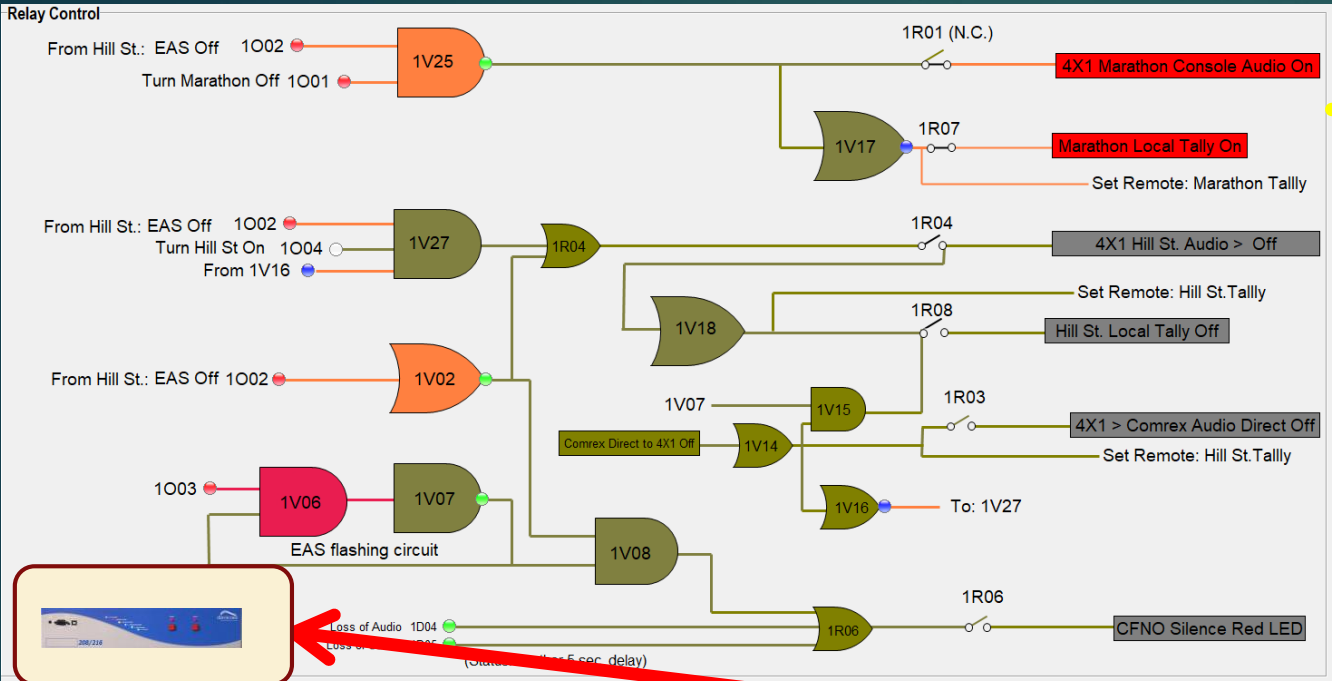
DV-216: disable callouts during moment of silence

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**More Than Remote Site Management**  
(What we might be doing differently)







Marathon



Thunder Bay

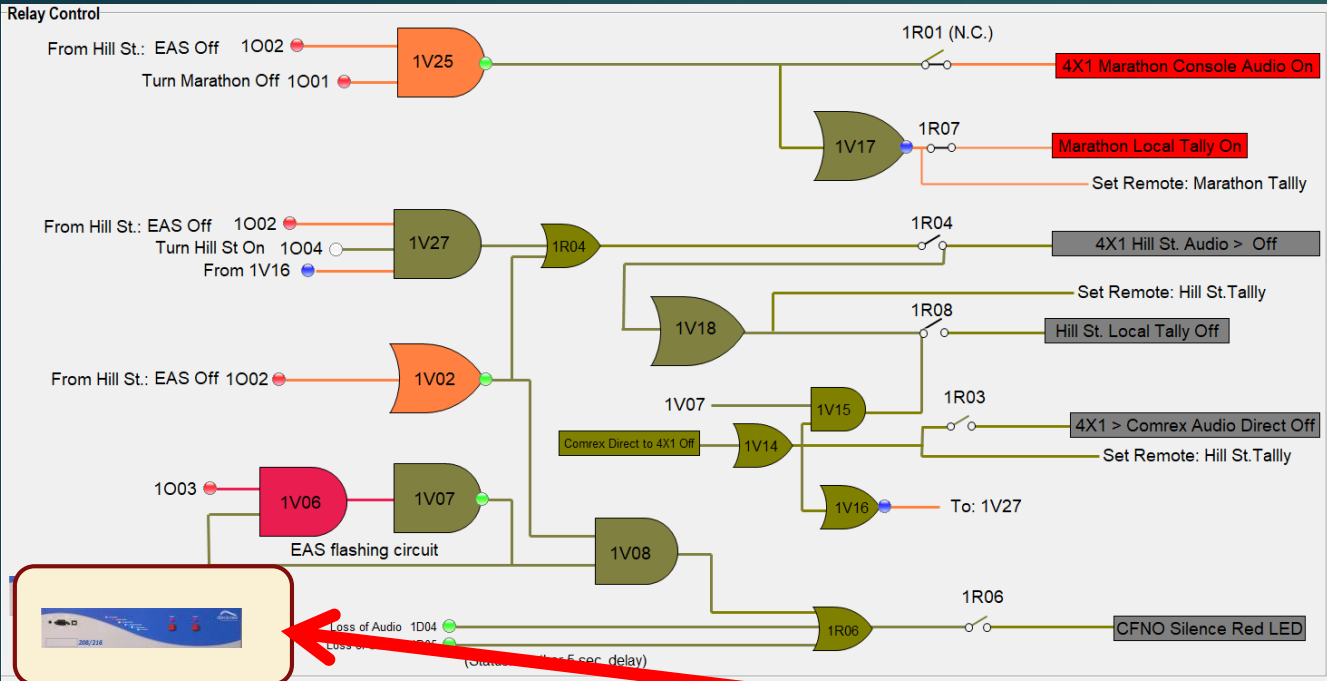
DV-216: Switch Studio audio remotely

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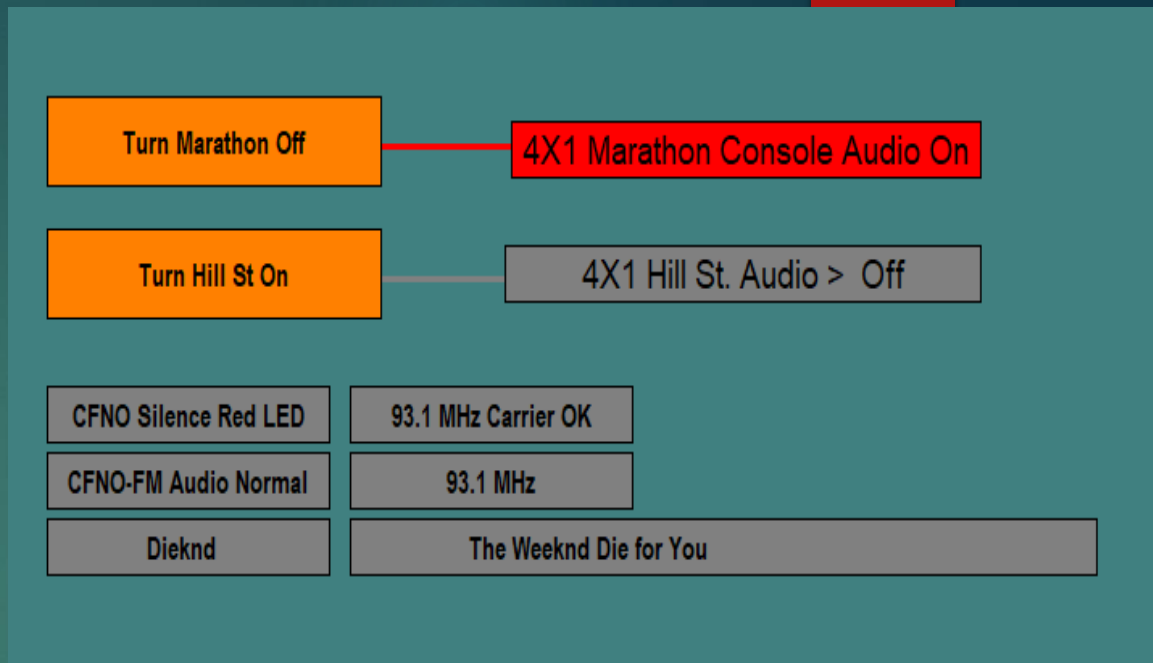
More Than Remote Site Management  
(What we might be doing differently)







Marathon



DV-216: Switch Studio audio remotely



Thunder Bay

NAB 2023

**More Than Remote Site Management**  
(What we might be doing differently)





**Relay Control**

From Hill St.: EAS Off 1O02  
Turn Marathon Off 1O01

1V25

1R01 (N.C.)

4X1 Marathon Console Audio On

1V17

1R07

Marathon Local Tally On

Set Remote: Marathon Tally

From Hill St.: EAS Off 1O02  
Turn Hill St On 1O04  
From 1V16

1V27

1R04

1R04

4X1 Hill St. Audio > Off

Set Remote: Hill St. Tally

1V18

1R08

Hill St. Local Tally Off

From Hill St.: EAS Off 1O02

1V02

1V07

1V08

1V14

1V15

1R03

4X1 > Comrex Audio Direct Off

Set Remote: Hill St. Tally

Comrex Direct to 4X1 Off

1V06

1O03

EAS flashing circuit

To: 1V27

1V16

1R06

CFNO Silence Red LED

Inovonics INO mini 632  
(Receiver: 5 sec. delay)

Loss of Audio 1D04  
Loss of Carrier 1D05

(Status: another 5 sec. delay)



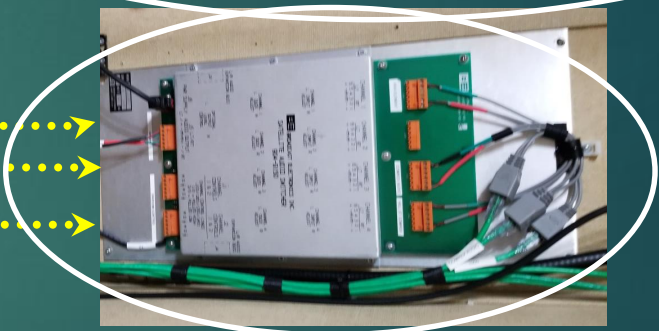
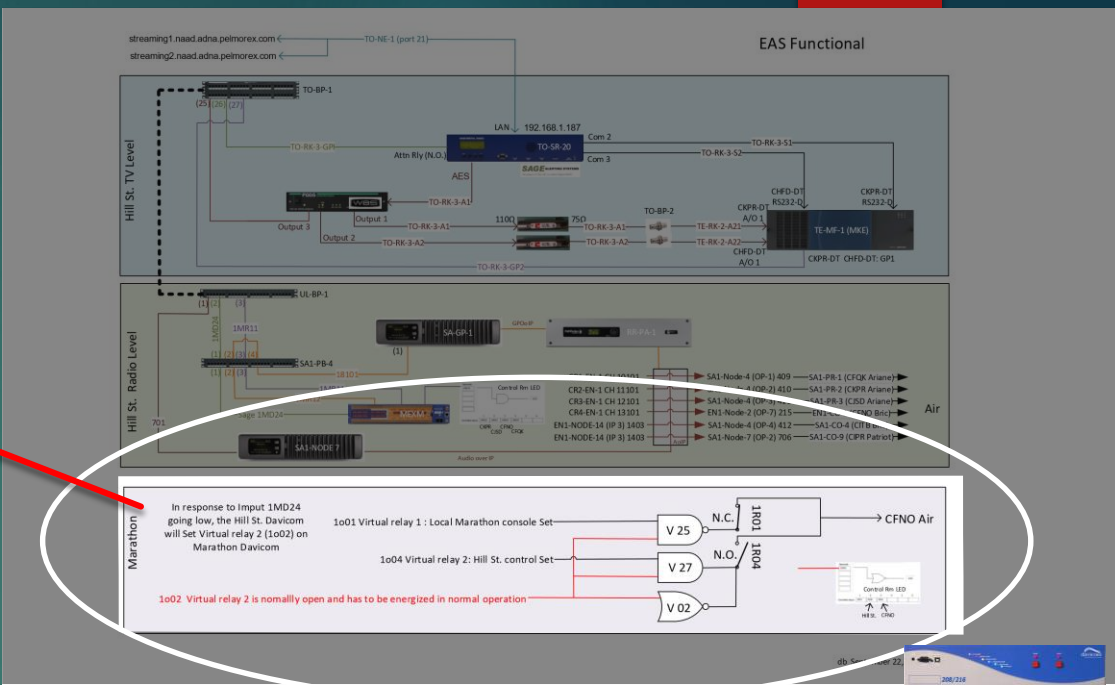
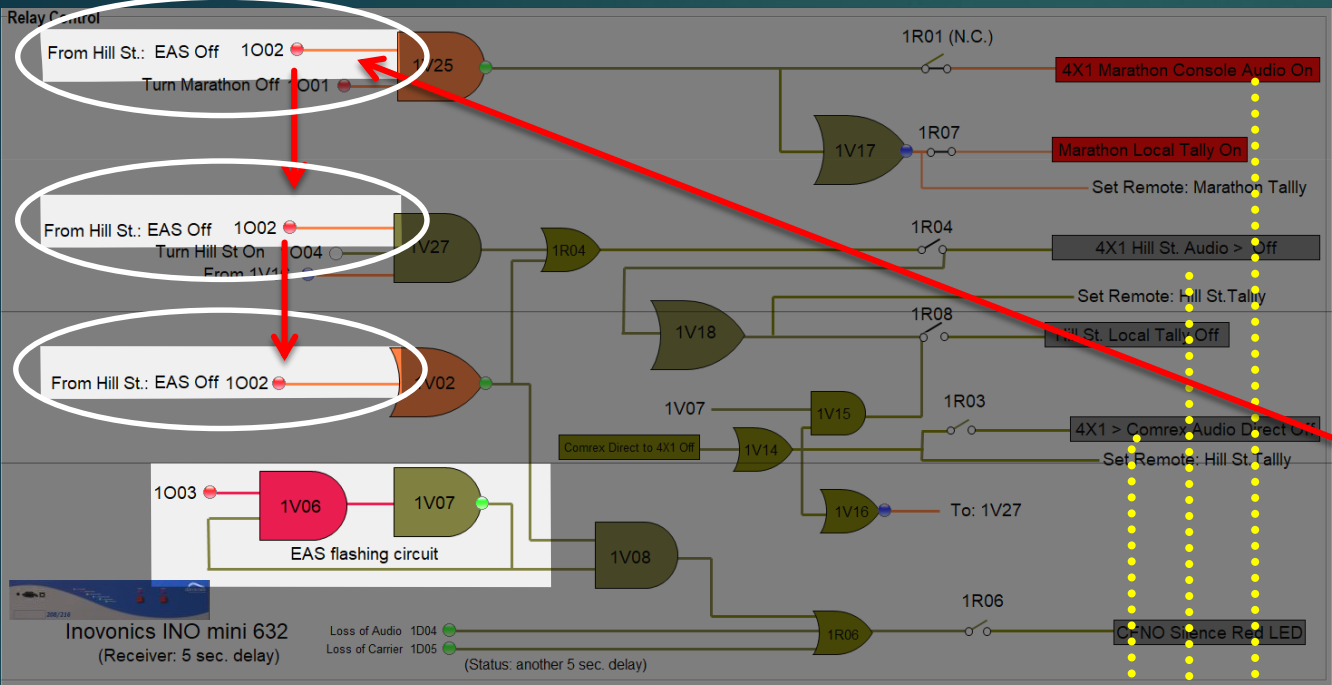
# Thunder Bay

## More Than Remote Site Management

(What we might be doing differently)







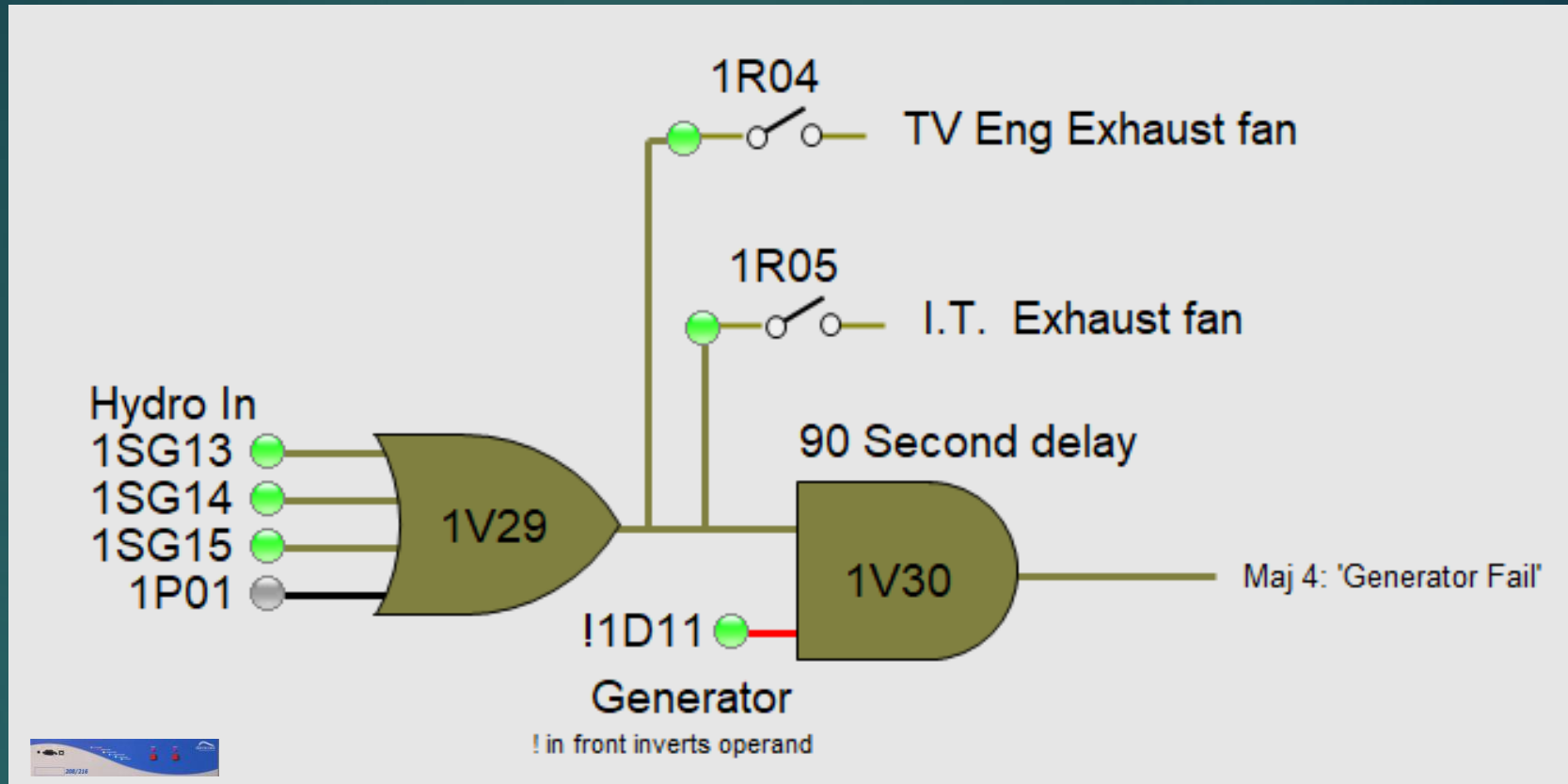
DV-216: Switch audio delivery remotely for EAS and Flash LEDs

NAB 2023

**More Than Remote Site Management**  
(What we might be doing differently)







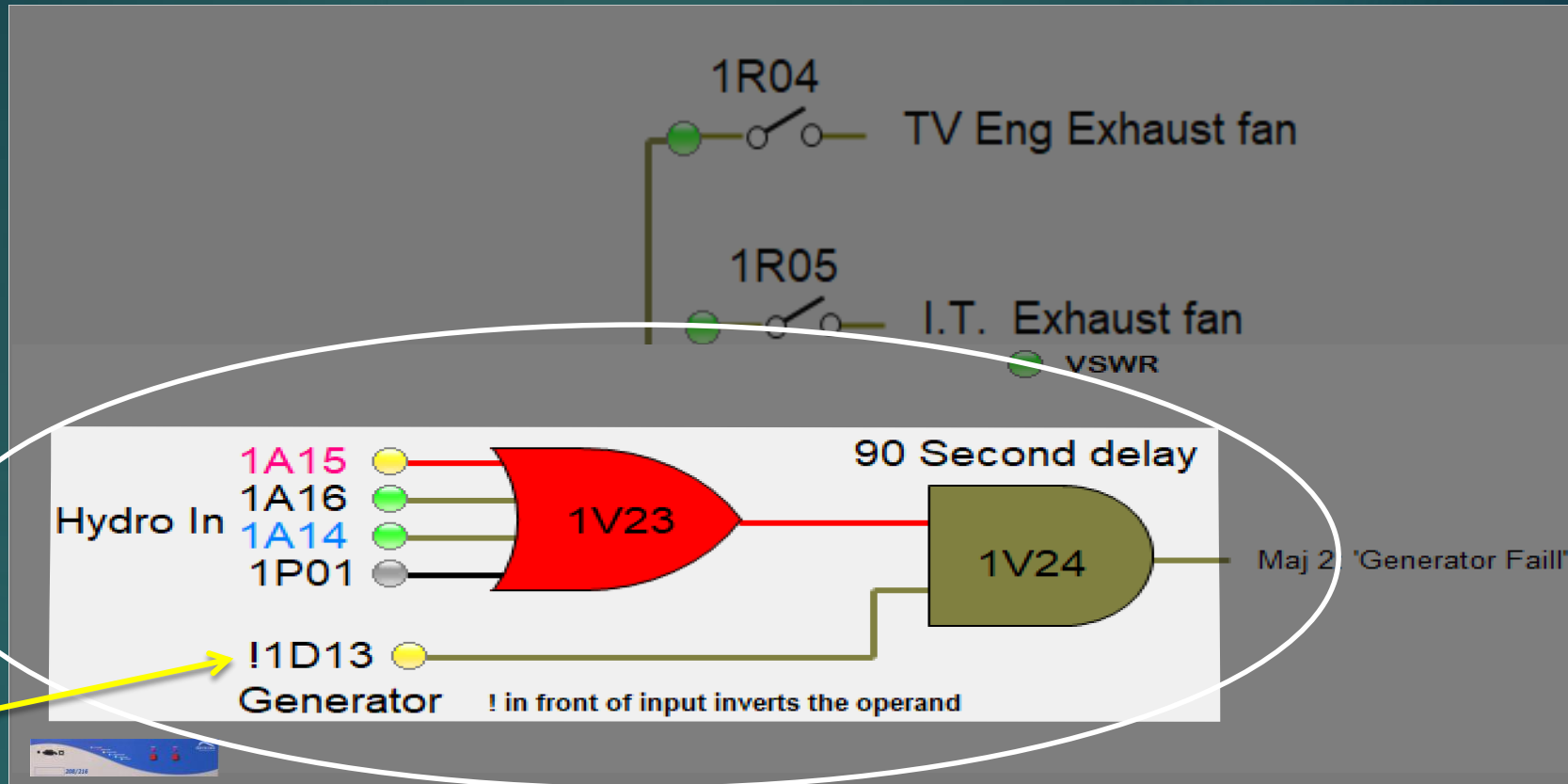
DV-216: Major fault if generator fails to start

NAB 2023

**More Than Remote Site Management**  
(What we might be doing differently)







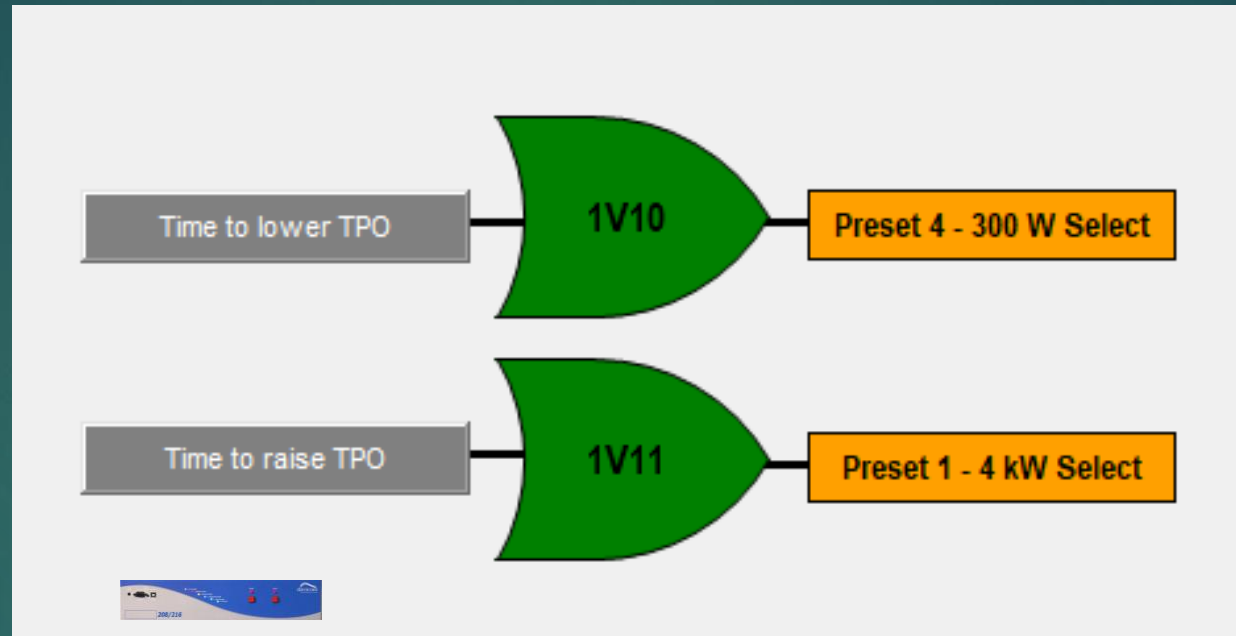
DV-216: Major fault if generator fails to start

NAB 2023

**More Than Remote Site Management**  
(What we might be doing differently)







DV-216: Automatically lower TPO for tower work

NAB 2023

**More Than Remote Site Management**  
(What we might be doing differently)





Metering Math Functions: Name: Atikokan Davicom ID: 3

Func Number: 1F02 ☒ Enable Qualifier  State  ☒ Auto Read

Descriptions  
 Default: Outdoor temp Ex Control >(+5) Operator: + (plus) Operands: 1A05  
 Alternate: Outdoor temp for E Measurement Unit: C  
 Normal Value: 22.0

Actions Vocal Description

Level 1  
 Action Type: QLF Alarm List:   
 Limits: (\*=don't care) Low: \* Hysteresis: 0.500 High: 5.00 Hysteresis: 0.500  
 Controlled Relays: 1 2 3 4 5 6

Automatic Limit Change  
 Qualifier:  Multiplier: 1.00  
 Meter Window Low:  High:

Signaling On  
☐ Alarm  
☐ Return to Normal

Delays  
 Before Action (sec): 1  
 Before Return to Normal: 1

Logging  
☐ Custom Log

Level 2  
 Action Type: CMD Alarm List:   
 Limits: (\*=don't care) Low: \* Hysteresis: 0 High: \* Hysteresis: 0  
 Controlled Relays: 1 2 3 4 5 6

OK Cancel

Metering Math Functions: Name: Atikokan Davicom ID: 3

Func Number: 1F04 ☒ Enable Qualifier  State  ☒ Auto Read

Descriptions  
 Default: Outdoor temp H Control <(+1) Operator: + (plus) Operands: 1A05  
 Alternate: Outdoor temp for H Measurement Unit: C  
 Normal Value: 0

Actions Vocal Description

Level 1  
 Action Type: QLF Alarm List:   
 Limits: (\*=don't care) Low: 1.00 Hysteresis: 0.500 High: \* Hysteresis: 0  
 Controlled Relays: 1 2 3 4 5 6

Automatic Limit Change  
 Qualifier:  Multiplier: 1.00  
 Meter Window Low:  High:

Signaling On  
☐ Alarm  
☐ Return to Normal

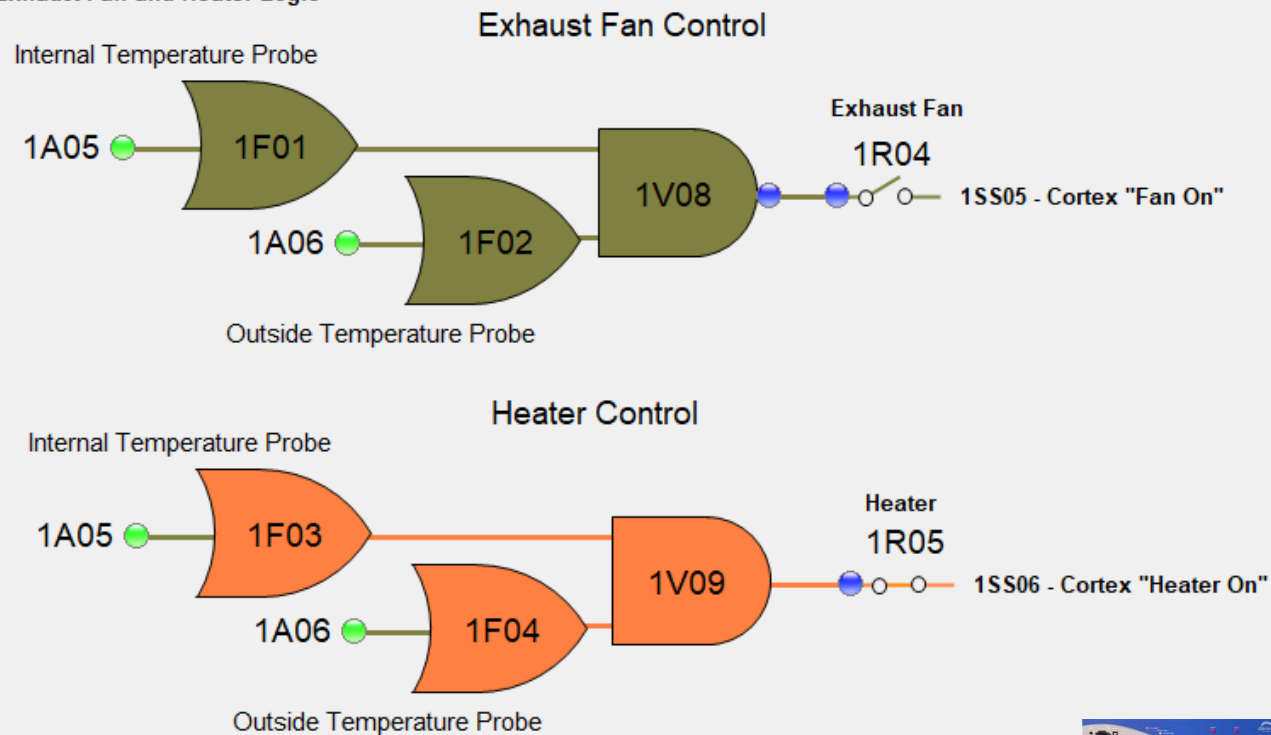
Delays  
 Before Action (sec): 1  
 Before Return to Normal: 1

Logging  
☐ Custom Log

Level 2  
 Action Type: CMD Alarm List:   
 Limits: (\*=don't care) Low: \* Hysteresis: 0 High: \* Hysteresis: 0  
 Controlled Relays: 1 2 3 4 5 6

OK Cancel

## Exhaust Fan and Heater Logic



DV-216: Temperature control

NAB 2023

More Than Remote Site Management  
 (What we might be doing differently)





Metering Inputs View: Name: HILL St. Davicom ID: 1 2023-02-22 14:29:51

ID	Description	Value	Qualifier	Level	Current State	Low Limit	High Limit
<input checked="" type="radio"/> 1A01	CKPR-FM Standby	4.82W		Lvl 1	NORM	*	100.0
<input checked="" type="radio"/> 1A02	CJSD-FM Standby	-0.516W		Lvl 2	NORM	*	*
<input checked="" type="radio"/> 1A03	CKTG-FM Standby	3.80W		Lvl 1	NORM	*	50.0
<input checked="" type="radio"/> 1A04	Transmission Line Pressure	3.08Lbs		Lvl 2	NORM	*	*
<input checked="" type="radio"/> 1A05	CKTG STL RX	89.5%		Lvl 1	NORM	50.0	110.0
<input checked="" type="radio"/> 1A06	CKTG STL MPX	56.8K		Lvl 2	NORM	*	*
<input checked="" type="radio"/> 1A07	CITB-FM Forward	19.8W		Lvl 1	NORM	7.00	30.0
<input checked="" type="radio"/> 1A08	Test	-		Lvl 2	NORM	*	*
<input type="radio"/> 1A09				Lvl 1	-	*	*
<input type="radio"/> 1A10				Lvl 2	-	*	*

Enable Disable Configure... Print Save

OK









## MiniMac: Metering Inputs


NAB 2023

**More Than Remote Site Management**  
(What we might be doing differently)





SNMP Get View: Name: HILL St. Davicom ID: 1						2023-02-22 14:30:24	?	×
ID	Description	Value	Level	Current State	Type			
1SG01			Lvl 1					
			Lvl 2					
 1SG02	Park St. Generator	0	Lvl 1	NORM	QLF			
 1SG03	CKTG LED Off	0	Lvl 2	NORM	CMD			
 1SG04	CFNO Carrier	21	Lvl 1	NORM	CMD			
			-		QLF			
 1SG05	CFNO Audio OK	21	Lvl 1	NORM	CMD			
			-		QLF			
 1SG06	Model:	Mini	Lvl 1	NORM	CMD			
			-		CMD			
 1SG07	Firmware:	5.56.18631	Lvl 1	NORM	CMD			
			-		CMD			
 1SG08	CJUK LED Off	0	Lvl 1	NORM	CMD			
 1SG09			Lvl 2	NORM	CMD			
			Lvl 1					
			Lvl 2					



MiniMac: SNMP Gets


NAB 2023

**More Than Remote Site Management**  
(What we might be doing differently)





<div><div><div>● Normal</div><div>● Active (CMD) (QLF)</div><div>● Active (MAJ)</div><div>● Active (MIN)</div><div>● Disabled</div></div></div>											
1A01	● CKPR-FM CD Forward	1MA01	● CJSD Forward	2MA01	● CKED Forward	1D01	● CKPR-FM Hi Output On	1MD01	● CJSD Transmitter Ready	2MD01	● Strokes PS 1 Fault
1A02	● CKPR-FM CD Refelcted	1MA02	● CJSD Reflected	2MA02	● CKED Relected	1D02	● CKPR-FM Low Output Off	1MD02	● CJSD RF On	2MD02	● Strokes PS 2 Ok
1A03	● FM Antenna Fwd Power	1MA03	● CJSD PA Voltage	2MA03	● CD CKTG Forward	1D03	● CKPR-FM on Remote	1MD03	● CJSD Remote On	2MD03	● Strokes PS 3 Fault
1A04	● FM Antenna Refl Power	1MA04	● CJSD PA Current	2MA04	● CD CKTG Reflected	1D04	●	1MD04	● CJSD 10 kW Off	2MD04	● Strokes PS 4 Ok
1A05	●	1MA05	● CJSD Exciter Forward	2MA05	●	1D05	●	1MD05	● CJSD 5 kW Active	2MD05	● Strokes PS 5 Fault
1A06	● CKPR-DT Forward	1MA06	● CJSD Ambient Temp	2MA06	●	1D06	● CKTG Watchman OK	1MD06	● CJSD 1.5 kW Off	2MD06	● Strokes PS 6 Ok
1A07	●	1MA07	● TV Forward Power	2MA07	●	1D07	● CJSD Watchman OK	1MD07	● CJSD Misc. Off	2MD07	● Strokes PS 7 Ok
1A08	● CKPR-DT Refelcted	1MA08	● TV Reflected Power	2MA08	●	1D08	● CKPR FM Watchman OK	1MD08	● CJSD Summary Alarm	2MD08	● Strokes Controller Ok
1A09	● CJSD CD Forward Power	1MA09	● Antenna Presure	2MA09	●	1D09	● FM Antenna Watchman -Ok-	1MD09	● CJSD Interlock Normal	2MD09	● Main Floor Smoke Detector
1A10	● CJSD CD Reflected Power	1MA10	●	2MA10	●	1D10	● Main Blower Air Flow On	1MD10	● CJSD External Fault Ok	2MD10	● Basement Smoke Detector
1A11	● CKPR-DT AGC	1MA11	●	2MA11	●	1D11	● Antenna Air > 1lbs	1MD11	● CJSD High Temp Ok	2MD11	●
1A12	● Main Floor Temp	1MA12	●	2MA12	●	1D12	● Door Closed	1MD12	● CJSD Output Network Fault	2MD12	●
1A13	● Basement Temp	1MA13	● Outdoor Temp	2MA13	● CKTG-FM Forward	1D13	● Generator OFF	1MD13	● CJSD Low RF Ok	2MD13	● CKTG-FM RF On
1A14	● Blue Wallwort	1MA14	● CKPR-FM PA Current (I)	2MA14	● CKTG-FM Reflected	1D14	●	1MD14	● CJSD Reflection Ok	2MD14	● CKTG-FM Remote On
1A15	● Red Wallwort	1MA15	● CKPR-FM APC Ref Sample	2MA15	●	1D15	● CKPR-FM Interlock OK	1MD15	● CJSD IPA/PA Alarm	2MD15	●
1A16	● Black Wallwort	1MA16	● CKPR-FM PA Voltage (E)	2MA16	●	1D16	●	1MD16	● CJSD Power Supply Ok	2MD16	●
		1MA17	● CKPR-FM Forward	2MA17	●	1D17	●	1MD17	● CJSD AC Ok	2MD17	●
		1MA18	● CHFD-DT Forward	2MA18	●	1D18	●	1MD18	● CHFD-DT On	2MD18	●
		1MA19	● CHFD-DT Refelcted	2MA19	●	1D19	●	1MD19	● CHFD-DT AGC On	2MD19	●
		1MA20	● CHFD-DT AGC	2MA20	●	1D20	●	1MD20	● CHFD-DT Remote	2MD20	●
		1MA21	● CKPR-FM Reflected Power	2MA21	●	1D21	●	1MD21	● CHFD-DT Interlock 1 Ok	2MD21	●
		1MA22	● CKPR-FM Flex Exciter F	2MA22	●	1D22	● CKPR-DT VSWR Ok	1MD22	● CHFD-DT VSWR Ok	2MD22	●
		1MA23	● CKPR-FM Flex Exciter R	2MA23	●	1D23	● CKPR-DT AGC On	1MD23	● CHFD-DT Temp Ok	2MD23	●
		1MA24	●	2MA24	●	1D24	● CKPR-DT Remote	1MD24	● CHFD-DT Interlock 2 Ok	2MD24	●
						1D25	● CKPR-DT Interlock 1 Open				
						1D26	● CKPR-DT On				
						1D27	● CKPR-DT Temp Ok				
						1D28	● CKPR-DT Interlock 2 Ok				
						1D29	● CKPR-FM PS Fault				
						1D30	● CKPR-FM Temp OK				
						1D31	● CKPR-FM VSWR OK				
						1D32	● CKPR-FM PA OK				



## DV-216: Inputs

NAB 2023

**More Than Remote Site Management**  
(What we might be doing differently)





Model: DV-216 Firmware: 5.56.20849

● Normal 
 ● Active (CMD) (QLF) 
 ● Active (MAJ) 
 ● Active (MIN) 
 ● Disabled 
 ● Set Active \ Normal

1SG01 <span style="color: orange;">●</span> CJSJ Controller Low AC Alarm	1SG32 <span style="color: green;">●</span> CJSJ Exciter Comp Peak	1SG63 <span style="color: green;">●</span> Hydro Phase Blue	1SS01 <span style="color: orange;">●</span> Toggle CJSJ-FM Standby On\Off
1SG02 <span style="color: orange;">●</span> CJSJ Controller Low Battery	1SG33 <span style="color: green;">●</span> CJSJ Exciter PA High Temperatu	1SG64 <span style="color: green;">●</span> Strobes SOL Voltage	1SS02 <span style="color: orange;">●</span> Toggle CKPR-FM Standby On\Off
1SG03 <span style="color: orange;">●</span> CJSJ Controller Exciter Audio	1SG34 <span style="color: green;">●</span> CJSJ Exciter Fan Fail	1SG65 <span style="color: green;">●</span> Strobes SOL Current	1SS03 <span style="color: orange;">●</span> SNMP CKTG-FM Standby On\Off
1SG04 <span style="color: orange;">●</span> CJSJ Controller Exciter Fail	1SG35 <span style="color: green;">●</span> CJSJ Exciter Low Battery	1SG66 <span style="color: green;">●</span> Strobes SOL Power	1SS04 <span style="color: orange;">●</span> Toggle CHFD-DT Standby On\Off
1SG05 <span style="color: orange;">●</span> CJSJ Controller SWR Shutdown	1SG36 <span style="color: green;">●</span> CJSJ Exciter PA Voltage Fail	1SG67 <span style="color: gray;">●</span>	1SS05 <span style="color: orange;">●</span> Toggle CKPR-DT Standby On\Off
1SG06 <span style="color: green;">●</span> CJSJ ControlleReject Power Shu	1SG37 <span style="color: green;">●</span> CJSJ Exciter Low Composite	1SG68 <span style="color: gray;">●</span>	1SS06 <span style="color: orange;">●</span> E-N Fan
1SG07 <span style="color: orange;">●</span> CJSJ ControllForward Power Shu	1SG38 <span style="color: green;">●</span> Tower Lights Auto Day Mode	1SG69 <span style="color: gray;">●</span>	1SS07 <span style="color: orange;">●</span> E-E Fan
1SG08 <span style="color: orange;">●</span> Controller High Temperature	1SG39 <span style="color: blue;">●</span> Tower Lights Auto Night Mode	1SG70 <span style="color: gray;">●</span>	1SS08 <span style="color: orange;">●</span> W Fan
1SG09 <span style="color: green;">●</span> CJSJ Controller Low Battery Me	1SG40 <span style="color: blue;">●</span> Tower Lights AutoTwilight Mode	1SG71 <span style="color: gray;">●</span>	1SS09 <span style="color: orange;">●</span> Air Exchanger
1SG10 <span style="color: green;">●</span> CJSJ Controller Power Supply F	1SG41 <span style="color: green;">●</span> SOLs Ok	1SG72 <span style="color: orange;">●</span> Temp VS300 RF Off	1SS10 <span style="color: orange;">●</span> Strobes Hi
1SG11 <span style="color: gray;">●</span>	1SG42 <span style="color: green;">●</span> Photocell	1SG73 <span style="color: gray;">●</span>	1SS11 <span style="color: orange;">●</span> Strobes Lo
1SG12 <span style="color: gray;">●</span>	1SG43 <span style="color: blue;">●</span> Permanent Day Mode	1SG74 <span style="color: gray;">●</span>	1SS12 <span style="color: orange;">●</span> Strobes Twi
1SG13 <span style="color: gray;">●</span>	1SG44 <span style="color: blue;">●</span> Permanent Night Mode	1SG75 <span style="color: gray;">●</span> CKTG Name	1SS13 <span style="color: orange;">●</span> Set Temp VS300 RF Off
1SG14 <span style="color: gray;">●</span>	1SG45 <span style="color: blue;">●</span> Permanent Twilight Mode	1SG76 <span style="color: gray;">●</span> CKTG TPO	1SS14 <span style="color: orange;">●</span> Set Temp VS300 RF On
1SG15 <span style="color: gray;">●</span>	1SG46 <span style="color: green;">●</span> Model:	1SG77 <span style="color: green;">●</span> CKTG Forward	1SS15 <span style="color: orange;">●</span> CKTG RF On
1SG16 <span style="color: gray;">●</span>	1SG47 <span style="color: green;">●</span> Firmware:	1SG78 <span style="color: green;">●</span> CKTG Reflected	1SS16 <span style="color: orange;">●</span> CKTG RF Off
1SG17 <span style="color: gray;">●</span>	1SG48 <span style="color: gray;">●</span>	1SG79 <span style="color: gray;">●</span>	1SS17 <span style="color: orange;">●</span> CKTG Preset 10.8 kW
1SG18 <span style="color: gray;">●</span>	1SG49 <span style="color: blue;">●</span> CJSJ Forward	1SG80 <span style="color: gray;">●</span>	1SS18 <span style="color: orange;">●</span> CKTG Preset 5 kW
1SG19 <span style="color: gray;">●</span>	1SG50 <span style="color: gray;">●</span>	1SG81 <span style="color: gray;">●</span>	1SS19 <span style="color: orange;">●</span> CKTG Preset 2 kW
1SG20 <span style="color: gray;">●</span>	1SG51 <span style="color: gray;">●</span>	1SG82 <span style="color: gray;">●</span>	1SS20 <span style="color: orange;">●</span> CKTG Preset 300 W
1SG21 <span style="color: gray;">●</span>	1SG52 <span style="color: green;">●</span> CJSJ Reflected	1SG83 <span style="color: gray;">●</span>	1SS21 <span style="color: orange;">●</span> CKTG Reset Transmitter
1SG22 <span style="color: gray;">●</span>	1SG53 <span style="color: green;">●</span> CJSJ Rt	1SG84 <span style="color: gray;">●</span>	1SS22 <span style="color: gray;">●</span>
1SG23 <span style="color: orange;">●</span> CJSJ Controller VSWR	1SG54 <span style="color: green;">●</span> CKPR Rt	1SG85 <span style="color: gray;">●</span>	1SS23 <span style="color: gray;">●</span>
1SG24 <span style="color: gray;">●</span>	1SG55 <span style="color: gray;">●</span>	1SG86 <span style="color: gray;">●</span>	1SS24 <span style="color: gray;">●</span>
1SG25 <span style="color: gray;">●</span>	1SG56 <span style="color: green;">●</span> Pump	1SG87 <span style="color: gray;">●</span>	1SS25 <span style="color: gray;">●</span>
1SG26 <span style="color: gray;">●</span>	1SG57 <span style="color: green;">●</span> Tank Pressure	1SG88 <span style="color: gray;">●</span>	1SS26 <span style="color: gray;">●</span>
1SG27 <span style="color: gray;">●</span>	1SG58 <span style="color: green;">●</span> Compressor Output Flow	1SG89 <span style="color: gray;">●</span>	1SS27 <span style="color: gray;">●</span>
1SG28 <span style="color: gray;">●</span>	1SG59 <span style="color: green;">●</span> Compressor Temp	1SG90 <span style="color: gray;">●</span>	1SS28 <span style="color: gray;">●</span>
1SG29 <span style="color: gray;">●</span>	1SG60 <span style="color: green;">●</span> Compressor Run Time	1SG91 <span style="color: gray;">●</span>	1SS30 <span style="color: gray;">●</span>
1SG30 <span style="color: gray;">●</span>	1SG61 <span style="color: green;">●</span> Hydro Phase Red	1SG92 <span style="color: gray;">●</span>	
1SG31 <span style="color: gray;">●</span>	1SG62 <span style="color: green;">●</span> Hydro Phase Black	1SG93 <span style="color: gray;">●</span>	

## DV-216: SNMP Gets\Sets

NAB 2023

**More Than Remote Site Management**  
(What we might be doing differently)





Pulsable

Released

Energized

Forced On

Forced Off

Disabled

Virtual Relay Released

1R01	Released	CKPR Standby OFF	1MR01	Virtual Relay Released		1001	Released	Front Door Button Radio	1036	Virtual Relay Released
1R02	Released	CJSD Standby OFF	1MR02	Released	CKPR-FM Red LED Off	1002	Virtual Relay Released		1037	Virtual Relay Released
1R03	Released	CKTG Standby OFF	1MR03	Released	CJSD-FM Red LED Off	1003	Forced On	For flasher	1038	Virtual Relay Released
1R04	Released	TV Eng Exhaust Off	1MR04	Released	CFNO-FM Red LED Off	1004	Released	Pathfinder CJSD Audio	1039	Virtual Relay Released
1R05	Released	I.T. Exhaust Off	1MR05	Released	CKED-FM Red LED Off	1005	Released	CJUK Audio Normal	1040	Virtual Relay Released
1R06	Released	Standby Exhaust Fan Off	1MR06	Virtual Relay Released		1006	Released	CKTG Audio Normal	1041	Virtual Relay Released
1R07	Released	CHFD-DT Standby Off	1MR07	Virtual Relay Released		1007	Virtual Relay Released	From Marath: Comrex Direct Off	1042	Virtual Relay Released
1R08	Released	CKPR-DT Standby Off	1MR08	Released	Hill St Lamp Off	1008	Virtual Relay Released		1043	Virtual Relay Released
			1MR09	Energized	Marathon Lamp On	1009	Virtual Relay Released		1044	Virtual Relay Released
			1MR10	Virtual Relay Released		1010	Forced On	Maraton Console On	1045	Virtual Relay Released
			1MR11	Released	TV Sage ENDEC Normal	1011	Virtual Relay Released	Hill St Off	1046	Pulsable Deva 91.5 MHz
			1MR12	Released	Radio Sage ENDEC Normal	1012	Virtual Relay Released	From Baldy CJSD-FM Standby	1047	Pulsable Deva 94.3 MHz
			1MR13	Released	CR1 Door Light Off	1013	Virtual Relay Released	From Baldy CKPR-FM Standby	1048	Pulsable Deva 99.9 MHz
			1MR14	Released	CR 2 Door Light Off	1014	Virtual Relay Released	From Baldy CKTG-FM Standby	1049	Pulsable Deva 103.5 MHz
			1MR15	Released	CR-3 Door Light Off	1015	Virtual Relay Released	From Baldy CHFD-DT Standby	1050	Pulsable Deva 104.5 MHz
			1MR16	Released	CR-4 Door Light Off	1016	Virtual Relay Released	From Baldy CKPR-DT Standby	1051	Pulsable Deva 105.3 MHz
			1MR17	Virtual Relay Released	CHFD: to CIII	1017	Virtual Relay Released		1052	Virtual Relay Released
			1MR18	Virtual Relay Released	CHFD: to Graphic	1018	Virtual Relay Released		1053	Virtual Relay Released
			1MR19	Virtual Relay Released	CKPR: to CTV	1019	Virtual Relay Released		1054	Virtual Relay Released
			1MR20	Virtual Relay Released	CKPR: to Graphic	1020	Virtual Relay Released		1055	Virtual Relay Released
			1MR21	Released	Pathfinder Comrex Direct Off	1021	Virtual Relay Released		1056	Virtual Relay Released
			1MR22	Virtual Relay Released	Pathfinder In 2	1022	Virtual Relay Released		1057	Virtual Relay Released
			1MR23	Virtual Relay Released		1023	Virtual Relay Released		1058	Virtual Relay Released
			1MR24	Virtual Relay Released		1024	Virtual Relay Released		1059	Virtual Relay Released
						1025	Virtual Relay Released		1060	Virtual Relay Released
						1026	Virtual Relay Released		1061	Virtual Relay Released
						1027	Virtual Relay Released		1062	Virtual Relay Released
						1028	Virtual Relay Released		1063	Virtual Relay Released
						1029	Virtual Relay Released		1064	Virtual Relay Released
						1030	Virtual Relay Released		1065	Virtual Relay Released
						1031	Virtual Relay Released		1066	Virtual Relay Released
						1032	Virtual Relay Released		1067	Virtual Relay Released
						1033	Virtual Relay Released	Waverly VS300 Trap	1068	Virtual Relay Released
						1034	Pulsable	91.5	1069	Virtual Relay Released
						1035	Virtual Relay Released		1070	Virtual Relay Released

## DV-216: Outputs

NAB 2023

**More Than Remote Site Management**  
(What we might be doing differently)





Normal	Active (CMD) (QLF)	Active (MAJ)	Active (MIN)	Disabled					
1V01	● CKPR Standby Turned Off	1V31	●	1V61	●	1F01	● Deva Frequency	1H01	● Numeris Day
1V02	● CJSD Standby Turned Off	1V32	● Fan Logic 2 (normal)	1V62	●	1F02	●	1H02	● Lest we forget 2023
1V03	● CKTG Standby Turned Off	1V33	● EAS Tally light On	1V63	●	1F03	●	1H03	● CHFD: to CIII
1V04	● Disable Alram Calls	1V34	●	1V64	●	1F04	●	1H04	● CHFD: to Graphic
1V05	●	1V35	● Baldy Generator Off	1V65	●	1F05	●	1H05	● CKPR: to CTV
1V06	● CKPR Audio OK	1V36	●	1V66	●	1F06	●	1H06	● CKPR: to Graphic
1V07	● CJSD Audio OK	1V37	● CKPR Audio OK	1V67	●	1F07	●	1H07	● Standby Verification
1V08	● CKED Audio OK	1V38	● CJSD Audio OK	1V68	●	1F08	●	1H08	● Standby Verification 2
1V09	● CJSD Audio normal	1V39	● CKED Audio OK	1V69	●	1F09	●	1H09	●
1V10	● CKED Audio normal	1V40	● CFQK Audio OK	1V70	●	1F10	●	1H10	●
1V11	● CKPR Audio normal	1V41	● Hill St. Generator Off	1V71	●	1F11	●	1H11	●
1V12	● CKTG Audio normal	1V42	● Front Door Button Radio	1V72	●	1F12	●	1H12	●
1V13	● CKTG Audio normal	1V43	● CFNO audio OK	1V73	●	1F13	●	1H13	●
1V14	● CJUK Audio normal	1V44	● Flash door tally for EAS	1V74	●	1F14	●	1H14	●
1V15	● CJUK Audio normal	1V45	● CFNO Audio Ok (Temp)	1V75	●	1F15	●	1H15	●
1V16	● CFQK Audio OK	1V46	● CFQK Audio normal	1V76	●	1F16	●	1H16	●
1V17	● CHFD-DT Standby Off	1V47	● From Mara: Comrex Direct Flash	1V77	●			1H17	●
1V18	● CKPR-DT Standby Off	1V48	● From Marath: Comrex Direct Off	1V78	●			1H18	●
1V19	● CJUK Carrier Ok	1V49	● Invert EAS	1V79	●			1H19	●
1V20	● CKTG Carrier Ok	1V50	● CHFD: to CIII	1V80	●			1H20	●
1V21	● CHFD-DT Numeris Ok	1V51	● CHFD: to Graphic	1V81	●			1H21	●
1V22	●	1V52	● CKPR: to CTV	1V82	●			1H22	●
1V23	● Standby Exhaust Flow Ok	1V53	● CKPR: to Graphic	1V83	● Part of flasher			1H23	●
1V24	● CKPR-DT Numeris Ok	1V54	● Radio standby Off	1V84	● Flasher			1H24	●
1V25	● CFNO Marathon On	1V55	● Radio Standby Off	1V85	● CJSD Standby Enabled			1H25	●
1V26	● CFNO Hill St. Off	1V56	● Radio Standby Off	1V86	● Invert CJSD Audio Silence			1H26	●
1V27	● Park St. Generator Off	1V57	●	1V87	● Eshaust Fan Logic			1H27	●
1V28	● SMS Test for Daryll	1V58	●	1V88	●			1H28	●
1V29	● Hydro Ok	1V59	●					1H29	●
1V30	● Generator Ok	1V60	●					1H30	●
								1H31	●
								1H32	●

## DV-216: Logic gates, Math, Timers

NAB 2023

**More Than Remote Site Management**  
(What we might be doing differently)





	State	ID	Description
<input type="checkbox"/>	NORMAL	1SS1	CFQK-FM RF On
<input type="checkbox"/>	NORMAL	1SS2	CFQK-FM RF Off
<input type="checkbox"/>	NORMAL	1SS5	CFQK-FM Preset 110 W
<input type="checkbox"/>	NORMAL	1SS6	CFQK-FM Preset 50 W
<input type="checkbox"/>	NORMAL	1SS7	CFQK-FM Reset Alarms
<input type="checkbox"/>	NORMAL	1SS8	CJUK-FM RF On
<input type="checkbox"/>	NORMAL	1SS9	CJUK-FM RF Off
<input type="checkbox"/>	NORMAL	1SS12	CJUK-FM Preset 297 W
<input type="checkbox"/>	NORMAL	1SS13	CJUK-FM Preset 100 W
<input type="checkbox"/>	NORMAL	1SS14	CJUK-FM Reset Alarms
<input type="checkbox"/>	NORMAL	1SS15	CKPR-FM Turn TX off
<input type="checkbox"/>	NORMAL	1SS16	CKPR-FM Turn TX On Hi
<input type="checkbox"/>	NORMAL	1SS17	CKPR-FM Turn TX On Low
<input type="checkbox"/>	NORMAL	1SS18	CKPR-FM Raise Power
<input type="checkbox"/>	NORMAL	1SS19	CKPR-FM Lower Power
<input type="checkbox"/>	NORMAL	1SS20	CKPR-FM Reset Watchman
<input type="checkbox"/>	NORMAL	1SS21	CFNO-FM RF On
<input type="checkbox"/>	NORMAL	1SS22	CFNO-FM RF Off
<input type="checkbox"/>	ACT	1SS25	CFNO-FM Preset 4 kW
<input type="checkbox"/>	NORMAL	1SS26	CFNO-FM Preset 1.5 kW
<input type="checkbox"/>	NORMAL	1SS27	CFNO-FM Preset 1.0 kW
<input type="checkbox"/>	NORMAL	1SS28	CFNO-FM Preset 300 W
<input type="checkbox"/>	NORMAL	1SS29	CFNO-FM Reset Alarms
<input type="checkbox"/>	NORMAL	1SS30	CFQK-FM Preset 25 W
<input type="checkbox"/>	NORMAL	1SS31	CFQK-FM Preset 8 W
<input type="checkbox"/>	NORMAL	1SS32	CJUK-FM Preset 50 W
<input type="checkbox"/>	NORMAL	1SS33	CJSD-FM RF On

Cortex: SNMP Set



NAB 2023

**More Than Remote Site Management**  
(What we might be doing differently)





1SG001	● CKPR-FM Forward	1SG041	●	1SG081	● 88B Maple Hydro	1SG121	● TV Engineering Front 1 Temperature	1SG161	● CKPR-FM-2 Preset 240 W	1SG201	● Baldy Puregas Pump
1SG002	● CJSD-FM Forward	1SG042	●	1SG082	● Homepayne Hydro	1SG122	● TV Engineering Front 2 Temperature	1SG162	● CKPR-FM-2 Preset 10 W	1SG202	● Hill St. Generator off
1SG003	● CKTG-FM Forward	1SG043	●	1SG083	● Beardmore Hydro	1SG123	● TV Engineering Front 3 Temperature	1SG163	● CJUK-FM Interlock	1SG203	● Park St. Generator off
1SG004	● CFNO-FM Forward	1SG044	●	1SG084	● Neys UPS Time Remain	1SG124	● TV Engineering Return Temperature	1SG164	● CFQK-FM Interlock	1SG204	● Neys Antenna Presure
1SG005	● CFQK-FM Forward	1SG045	●	1SG085	● Marathon Hydro	1SG125	● TV Engineering Exhaust Temperature	1SG165	● CFNO-FM-2 Interlock	1SG205	● Hill St. Pressure
1SG006	● CKED-FM Forward	1SG046	●	1SG086	● Marathon Hydro Time Remaining	1SG126	● TV Engineering Intake Temperature	1SG166	● CFNO-FM-3 Interlock	1SG206	● CKPR-DT Standby Off
1SG007	● CKPR-FM-2 Forward	1SG047	●	1SG087	● Hill St. Hydro Phase Red	1SG127	● Radio Engineering Temperature	1SG167	● Longlac Indoor Temperature	1SG207	● CHFD-DT Standby Off
1SG008	● CJUK-FM Forward	1SG048	●	1SG088	● Hill St. Hydro Phase Yellow	1SG128	● CFNO-FM CTRL Temperature	1SG168	●	1SG208	● CKPR-DT Main Transmitter On
1SG009	● CFNO-FM-2 Forward	1SG049	●	1SG089	● Hill St. Hydro Phase Blue	1SG129	● I.T. Intake Temperature	1SG169	●	1SG209	● CKPR-DT Remote Enabled
1SG010	● CFNO-FM-3 Forward	1SG050	●	1SG090	● Hill St. Hydro Phase Red	1SG130	● Newsroom Temperature	1SG170	●	1SG210	● CHFD-DT Main Transmitter On
1SG011	● CKPR-DT Forward	1SG051	● CKPR-FM RT	1SG091	● Hill St. Hydro Phase Yellow	1SG131	● TV Master Control Temperature	1SG171	●	1SG211	● CHFD-DT Remote Enabled
1SG012	● CHFD-DT Forward	1SG052	● CKPR-FM-2 RT	1SG092	● Hill St. Hydro Phase Blue	1SG132	● Switch Closet Temperature	1SG172	●	1SG212	● CKPR-FM-2 Exhaust Fan
1SG013	● CJUK LED	1SG053	● CJSD-FM RT	1SG093	● Hill St. Hydro Red - Yellow	1SG133	● T.V. Production Temperature	1SG173	●	1SG213	● CKPR-FM-2 Heater
1SG014	● CFNO-FM-7 Forward	1SG054	● CFNO-FM RT	1SG094	● Hill St. Hydro Yellow - Blue	1SG134	● Telephone PBX Room Temperature	1SG174	●	1SG214	● CKPR-FM-2 Smoke Detector
1SG015	● CFNO-FM-5 Forward	1SG055	● CKPR-FM-2 RT	1SG095	● Hill St. Hydro Blue - Red	1SG135	● TV Engineering Return Humidity	1SG175	●	1SG215	● CKPR-FM-2 RF On
1SG016	●	1SG056	● CFNO-FM-7 RT	1SG096	● Hill St. Hydro Total Power	1SG136	● TV Engineering Supply Air Temperature	1SG176	●	1SG216	● CKPR-FM-2 Remote Enabled
1SG017	●	1SG057	● CFNO-FM-5 RT	1SG097	● Hill St. Hydro Power Consumption	1SG137	● Baldy Hydro Phase Red	1SG177	●	1SG217	● CKPR-FM-2 VS300 Alarm Ok
1SG018	●	1SG058	● CFNO-FM-2 RT	1SG098	● Hill St. Hydro Total Power	1SG138	● Baldy Hydro Phase Black	1SG178	●	1SG218	● CJUK-FM RF On
1SG019	●	1SG059	● CFNO-FM-3 RT	1SG099	● Hill St. Hydro Power Factor	1SG139	● Baldy Hydro Phase Blue	1SG179	●	1SG219	● CJUK-FM Remote Enabled
1SG020	● CKPR-FM Standby Forward	1SG060	● CFNO-FM DPS	1SG100	● Mt. Baldy Temperature Upstairs	1SG140	● Baldy Hydro Phase Red	1SG180	●	1SG220	● CJUK-FM VS300 Alarm Ok
1SG021	● CJSD-FM Standby Forward	1SG061	● CJSD-FM DPS	1SG101	● Mt. Baldy Temperature Downstairs	1SG141	● Baldy Hydro Phase Black	1SG181	●	1SG221	● CJUK-FM Preset 297 W
1SG022	● CKTG-FM Standby Forward	1SG062	● CKPR-FM DPS	1SG102	● Mt. Baldy Temperature Outside	1SG142	● Baldy Hydro Phase Blue	1SG182	●	1SG222	● CJUK-FM Preset 100 W
1SG023	● FM Antenna Forward	1SG063	● CKPR-FM-2 DPS	1SG103	● Neys Indoor Temperature	1SG143	● Baldy Hydro Red - Black	1SG183	●	1SG223	● CJUK-FM Preset 50 W
1SG024	● CITB-FM Forward	1SG064	● CFNO-FM-7 DPS	1SG104	● Neys Outdoor Temperature	1SG144	● Baldy Hydro Black - Blue	1SG184	●	1SG224	● CFQK-FM RF On
1SG025	● CKPR-FM Reflected	1SG065	● CFNO-FM-5 DPS	1SG105	● Kuusisto Indoor Temperature	1SG145	● Baldy Hydro Blue - Red	1SG185	●	1SG225	● CFQK-FM Preset 110 W
1SG026	● CJSD-FM Reflected	1SG066	● CFQK-FM DPS	1SG106	● Nakina Indoor Temperature	1SG146	● Baldy Hydro Total Power	1SG186	●	1SG226	● CFQK-FM Preset 50 W
1SG027	● CKTG-FM Reflected	1SG067	● CFQK-FM RT	1SG107	● 88B Maple Indoor Temperature	1SG147	● Baldy Hydro Power Consumption	1SG187	●	1SG227	● CFQK-FM Preset 25 W
1SG028	● CFNO-FM Reflected	1SG068	●	1SG108	● 88B Maple Outdoor Temperature	1SG148	● Baldy Hydro Total Power	1SG188	●	1SG228	● CFQK-FM Preset 8 W
1SG029	● CFQK-FM Reflected	1SG069	●	1SG109	● Homepayne Indoor Temperature	1SG149	● Baldy Hydro Power Factor	1SG189	●	1SG229	● CFQK-FM Remote Enabled
1SG030	● CJUK-FM Reflected	1SG070	●	1SG110	● Homepayne Outdoor Temperature	1SG150	●	1SG190	●	1SG230	● CFQK-FM VS300 Alarm Ok
1SG031	● CKED-FM Reflected	1SG071	●	1SG111	● Beardmore Indoor Temperature	1SG151	●	1SG191	●	1SG231	● CFNO-FM-2 RF Off
1SG032	● CKPR-FM-2 Reflected	1SG072	●	1SG112	● Beardmore Outdoor Temperature	1SG152	● CKPR-FM Interlock	1SG192	●	1SG232	● CFNO-FM-2 Preset 310 W
1SG033	● CKPR-DT Reflected	1SG073	● CFNO-FM-2 DPS	1SG113	● Marathon Sat Room 2 Temperature	1SG153	● CJSD-FM Interlock	1SG193	●	1SG233	● CFNO-FM-2 Preset 100 W
1SG034	● CHFD-DT Reflected	1SG074	● CFNO-FM-3 DPS	1SG114	● Marathon Rack Room 2 Temperature	1SG154	● CKTG-FM Interlock	1SG194	●	1SG234	● CFNO-FM-2 Preset 50 W
1SG035	● CFNO-FM-2 Reflected	1SG075	● Mt. Baldy Hydro Phase Black	1SG115	● CJSD-FM CTRL Temperature	1SG155	● CFNO-FM Interlock	1SG195	●	1SG235	● CFNO-FM-2 Preset 10 W
1SG036	● CFNO-FM-3 Reflected	1SG076	● Mt. Baldy Hydro Phase Red	1SG116	● CKPR-FM CTRL Temperature	1SG156	● CKPR-DT Interlock 1	1SG196	●	1SG236	● CFNO-FM-2 On Local
1SG037	● FM Antenna Reflected	1SG077	● Mt. Baldy Hydro Phase Blue	1SG117	● CFQK-FM CTRL Temperature	1SG157	● CKPR-DT Interlock 2	1SG197	●	1SG237	● CFNO-FM-2 VS300 On Alarm
1SG038	● CFNO-FM-7 Reflected	1SG078	● Neys Hydro	1SG118	● Rack Room 1 Temperature	1SG158	● CHFD-DT Interlock 1	1SG198	●	1SG238	● CKPR-FM Remote Enabled
1SG039	● CFNO-FM-5 Reflected	1SG079	● Waverly Hydro	1SG119	● I.T. Exhaust Temperature	1SG159	● CHFD-DT Interlock 2	1SG199	●	1SG239	● CKPR-FM High Output On
1SG040	●	1SG080	● Kuusisto Hydro	1SG120	● PBX Room Temperature	1SG160	● CKPR-FM-2 Interlock	1SG200	● Mt. Baldy Generator off	1SG240	● CKPR-FM Low Output Off



## Cortex: SNMP Gets

NAB 2023

More Than Remote Site Management  
(What we might be doing differently)





	CJSD-FM	CKTG-FM	CKPR-DT	CHFD-DT	Kuusisto	Waverly	Atikokan	Neys	Hornepayne	Beardmore	Longlac	Nakina	White River	Temperatures	CKTG-FM, CJUK-FM	Gets 1 – 240	Gets 241 – 480	Gets
1SG241	CKPR-FM Watchman Ok		1SG281	93.1 MHz Carrier Ok		1SG321				1SG361	CJSD-FM MPX			1SG401	Waverly Link Ok	1SG441	Hill St. Deva PS	
1SG242	CFNO-FM-3 RF On		1SG282	Nakina Hydro		1SG322				1SG362				1SG402	Beardmore Comrex Ok	1SG442	Hill St. Deva Frequency	
1SG243	CFNO-FM-3 Preset 300 W		1SG283	CFNO-FM-7 Interlock		1SG323				1SG363				1SG403	Baldy Link Ok	1SG443	Hill St. Deva AGC	
1SG244	CFNO-FM-3 Preset 100 W		1SG284	CFNO-FM-7 RF On		1SG324				1SG364	Neys STL RX Level			1SG404	Kuusisto Link Ok	1SG444	Hill St. Deva PI	
1SG245	CFNO-FM-3 Preset 50 W		1SG285	CFNO-FM-7 Remote Enabled		1SG325				1SG365	Neys STL RX MPX			1SG405	Hornepayne Comrex Ok	1SG445	Hill St. Deva PTY	
1SG246	CFNO-FM-3 Remote Enabled		1SG286	CFNO-FM-7 VS300 Alarm Ok		1SG326				1SG366	CFNO-FM-7 Left			1SG406	Marathon Comrex Ok	1SG446	Hill St. Deva MPX	
1SG247	CFNO-FM-3 VS300 Alarm Ok		1SG287	CFNO-FM-7 Preset 110 W		1SG327				1SG367	CFNO-FM-7 Right			1SG407	Beardmore Heater Off	1SG447	Marathon Deva RT	
1SG248	CKTG-FM STL RX (Hill St.)		1SG288	CFNO-FM-7 Preset 50 W		1SG328				1SG368	CFNO-FM-5 Left			1SG408	Beardmore Exhaust Fan Off	1SG448	Marathon Deva PS	
1SG249	CKTG-FM STL MPX (Hill St.)		1SG289	CFNO-FM-7 Preset 10 W		1SG329				1SG369	CFNO-FM-5 Right			1SG409	Neys Exhaust Fan On	1SG449	Marathon Deva Frequency	
1SG250	CKPR-FM Audio Ok		1SG290	CFNO-FM-5 Interlock		1SG330				1SG370	CFNO-FM-8 Left			1SG410	Neys Heater Off	1SG450	Marathon Deva AGC	
1SG251	CJSD-FM Audio Ok		1SG291	CFNO-FM-5 RF On		1SG331				1SG371	CFNO-FM-8 Right			1SG411		1SG451	Marathon Deva PI	
1SG252	CJUK-FM Audio Ok		1SG292	CFNO-FM-5 Remote Enabled		1SG332				1SG372	White River Indoor Temperature			1SG412	Neys Damper Open	1SG452	Marathon Deva PTY	
1SG253	CKED-FM Audio Ok		1SG293	CFNO-FM-5 VS300 Alarm Ok		1SG333				1SG373				1SG413	Marathon Console On Air	1SG453	Marathon Deva MPX	
1SG254	CFQK-FM Audio Ok		1SG294	CFNO-FM-5 Preset 20 W		1SG334				1SG374				1SG414	Baldy E-N Fan On	1SG454	Marathon Deva Antenna 1	
1SG255	CKTG-FM Audio Ok		1SG295	CFNO-FM-5 Preset 15 W		1SG335				1SG375				1SG415	Baldy E-E Fan On	1SG455	Hill St. Deva Antenna 1	
1SG256	CFNO-FM Audio Ok		1SG296	CFNO-FM-5 Preset 10 W		1SG336				1SG376				1SG416	Baldy W Fan On	1SG456	Strobes Auto Day mode	
1SG257	CJSD-FM RF On		1SG297	Longlac Hydro		1SG337				1SG377				1SG417	Baldy Air Exchanger Open	1SG457	Strobes Auto Twilight mode	
1SG258	CJSD-FM Preset 10 kW		1SG298	Beardmore Heater Off		1SG338				1SG378				1SG418	Hill St. Console Off	1SG458	Strobes Auto Night mode	
1SG259	CJSD-FM Preset 5 kW		1SG299	White River Hydro		1SG339				1SG379				1SG419	Neys Link Ok	1SG459	Strobes Photocell Resistance	
1SG260	CJSD-FM Preset 1.5 kW		1SG300	CFNO-FM-8 Interlock		1SG340				1SG380				1SG420	Nakina Comrex Ok	1SG460	Strobes Forced Permanent Day	
1SG261	CJSD-FM Preset 300 W		1SG301	CFNO-FM-8 RF Off		1SG341				1SG381				1SG421	Longlac Comrex Ok	1SG461	Strobes Forced Permanent Twill	
1SG262	CJSD-FM Remote Enabled		1SG302	CFNO-FM-8 Preset 110 W		1SG342				1SG382				1SG422	White River Comrex Ok	1SG462	Strobes Forced Permanent Nigh	
1SG263	CJSD-FM NV10 Alarm Ok		1SG303	CFNO-FM-8 Preset 50 W		1SG343				1SG383				1SG423	Fallback Comrex Ok	1SG463		
1SG264	CJSD-FM Watchman Ok		1SG304	CFNO-FM-8 Preset 10 W		1SG344				1SG384				1SG424		1SG464		
1SG265	CFNO-FM RF On		1SG305	CFNO-FM-8 Remote Enabled		1SG345				1SG385				1SG425		1SG465		
1SG266	CFNO-FM Preset 8.15 kW		1SG306	CFNO-FM-8 VS300 Alarm Ok		1SG346				1SG386				1SG426		1SG466		
1SG267	CFNO-FM Preset 4 kW		1SG307			1SG347				1SG387				1SG427		1SG467		
1SG268	CFNO-FM Preset 1.0 kW		1SG308			1SG348				1SG388				1SG428		1SG468		
1SG269	CFNO-FM Preset 300 W		1SG309			1SG349				1SG389				1SG429		1SG469		
1SG270	CFNO-FM Remote Enabled		1SG310			1SG350	CKPR-FM-2 Left			1SG390				1SG430		1SG470		
1SG271	CFNO-FM NV10 Alarm Ok		1SG311			1SG351	CKPR-FM-2 Right			1SG391				1SG431		1SG471		
1SG272	CKTG-FM Plates On		1SG312			1SG352				1SG392				1SG432		1SG472		
1SG273	CKTG-FM Watchman Ok		1SG313			1SG353	CJUK-FM MPX			1SG393				1SG433		1SG473		
1SG274	CKTG-FM Filaments On		1SG314			1SG354				1SG394				1SG434		1SG474		
1SG275	91.5 MHz Carrier Ok		1SG315			1SG355	CFQK-FM MPX			1SG395				1SG435		1SG475		
1SG276	94.3 MHz Carrier Ok		1SG316			1SG356	CFNO-FM-2 Left			1SG396				1SG436		1SG476		
1SG277	99.9 MHz Carrier Ok		1SG317			1SG357	CFNO-FM-2 Right			1SG397				1SG437		1SG477		
1SG278	103.5 MHz Carrier Ok		1SG318			1SG358	CFNO-FM-3 Left			1SG398				1SG438		1SG478		
1SG279	104.5 MHz Carrier Ok		1SG319			1SG359	CFNO-FM-3 Right			1SG399				1SG439		1SG479		
1SG280	105.3 MHz Carrier Ok		1SG320			1SG360				1SG400	Atikokan Comrex Ok			1SG440	Hill St. Deva RT	1SG480		



Cortex: SNMP Gets

NAB 2023

More Than Remote Site Management  
(What we might be doing differently)





◀	CKTG-FM	CKPR-DT	CHFD-DT	Kuusisto	Waverly	Atikokan
1SG481						
1SG482						
1SG483						
1SG484						
1SG485						
1SG486						
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1SG556						
1SG557						
1SG558						
1SG559						
1SG560						

Cortex: SNMP Gets



NAB 2023

**More Than Remote Site Management**  
(What we might be doing differently)





1SS001	CFQK-FM RF On	1SS041	CJSD-FM Reset Alarms	1SS081	Hill St. Deva 94.3 MHz	1SS121	CFNO-FM-8 Preset 10 W	1SS161		1SS201	
1SS002	CFQK-FM RF Off	1SS042	CKPR-FM-2 RF On	1SS082	Hill St. Deva 99.9 MHz	1SS122	CFNO-FM-8 Reset Alarms	1SS162		1SS202	
1SS003		1SS043	CKPR-FM-2 RF Off	1SS083	Hill St. Deva 103.5 MHz	1SS123	Turn CFNO-FM-3 Fan On	1SS163		1SS203	
1SS004		1SS044		1SS084	Hill St. Deva 104.5 MHz	1SS124	Turn CFNO-FM-3 Fan Off	1SS164		1SS204	
1SS005	CFQK-FM Preset 110 W	1SS045		1SS085	Hill St. Deva 105.3 MHz	1SS125	Turn CFNO-FM-3 Heater On	1SS165		1SS205	
1SS006	CFQK-FM Preset 50 W	1SS046	CKPR-FM-2 Preset 240 W	1SS086	Marathon Deva Antenna 1	1SS126	Turn CFNO-FM-3 Heater Off	1SS166		1SS206	
1SS007	CFQK-FM Reset Alarms	1SS047	CKPR-FM-2 Preset 10 W	1SS087	Marathon Deva 93.1 MHz	1SS127		1SS167		1SS207	
1SS008	CJUK-FM RF On	1SS048	CKPR-FM-2 Reset Alarms	1SS088	Marathon Deva 102.3 MHz	1SS128		1SS168		1SS208	
1SS009	CJUK-FM RF Off	1SS049	CKTG-FM Turn Plates On	1SS089	Marathon Deva 107.5 MHz	1SS129		1SS169		1SS209	
1SS010		1SS050	CKTG-FM Turn Plates Off	1SS090	Test for Andrew	1SS130		1SS170		1SS210	
1SS011		1SS051	CKTG-FM Turn Filaments On	1SS091	Turn CJUK-FM LED Off	1SS131		1SS171		1SS211	
1SS012	CJUK-FM Preset 297 W	1SS052	CKTG-FM Turn Filaments Off	1SS092	Turn CKTG-FM LED Off	1SS132		1SS172		1SS212	
1SS013	CJUK-FM Preset 100 W	1SS053	CKTG-FM Raise Power	1SS093	Turn CJUK-FM LED On	1SS133		1SS173		1SS213	
1SS014	CJUK-FM Reset Alarms	1SS054	CKTG-FM Lower Power	1SS094	Turn CKTG-FM LED On	1SS134		1SS174		1SS214	
1SS015	CKPR-FM Turn TX off	1SS055	CKTG-FM Reset Watchman	1SS095	Marathon Davicom Enable Alarm Calls	1SS135		1SS175		1SS215	
1SS016	CKPR-FM Turn TX On Hi	1SS056	CJSD-FM Reset Watchman	1SS096	Marathon Davicom Disable Alarm Calls	1SS136		1SS176		1SS216	
1SS017	CKPR-FM Turn TX On Low	1SS057	CKPR-DT Turn On	1SS097	CFNO-FM-7 RF On	1SS137		1SS177		1SS217	
1SS018	CKPR-FM Raise Power	1SS058	CKPR-DT Turn Off	1SS098	CFNO-FM-7 RF Off	1SS138		1SS178		1SS218	
1SS019	CKPR-FM Lower Power	1SS059	CHFD-DT Turn On	1SS099	CFNO-FM-8 Preset 110 W	1SS139		1SS179		1SS219	
1SS020	CKPR-FM Reset Watchman	1SS060	CHFD-DT Turn Off	1SS100	CFNO-FM-8 Preset 50 W	1SS140		1SS180		1SS220	
1SS021	CFNO-FM RF On	1SS061	CFNO-FM-2 RF On	1SS101	CFNO-FM-7 Preset 110 W	1SS141		1SS181		1SS221	
1SS022	CFNO-FM RF Off	1SS062	CFNO-FM-2 RF Off	1SS102	CFNO-FM-7 Preset 50 W	1SS142		1SS182		1SS222	
1SS023		1SS063		1SS103	CFNO-FM-7 Preset 10 W	1SS143		1SS183		1SS223	
1SS024		1SS064		1SS104	CFNO-FM-7 Reset Alarms	1SS144		1SS184		1SS224	
1SS025	CFNO-FM Preset 8.15 kW	1SS065	CFNO-FM-2 Preset 310 W	1SS105	Hill St. Davicom Enable Alarm Calls	1SS145		1SS185		1SS225	
1SS026	CFNO-FM Preset 4 kW	1SS066	CFNO-FM-2 Preset 100 W	1SS106	Hill St. Davicom Disable Alarm Calls	1SS146		1SS186		1SS226	
1SS027	CFNO-FM Preset 1.0 kW	1SS067	CFNO-FM-2 Preset 50 W	1SS107	CFNO-FM-5 RF On	1SS147		1SS187		1SS227	
1SS028	CFNO-FM Preset 300 W	1SS068	CFNO-FM-2 Preset 10 W	1SS108	CFNO-FM-5 RF Off	1SS148		1SS188		1SS228	
1SS029	CFNO-FM Reset Alarms	1SS069	CFNO-FM-2 Reset Alarms	1SS109	CFNO-FM-5 Preset 20 W	1SS149		1SS189		1SS229	
1SS030	CFQK-FM Preset 25 W	1SS070	CFNO-FM-3 RF On	1SS110	CFNO-FM-5 Preset 15 W	1SS150		1SS190		1SS230	
1SS031	CFQK-FM Preset 8 W	1SS071	CFNO-FM-3 RF Off	1SS111	CFNO-FM-5 Preset 10 W	1SS151		1SS191		1SS231	
1SS032	CJUK-FM Preset 50 W	1SS072		1SS112	CFNO-FM-8 RF On	1SS152		1SS192		1SS232	
1SS033	CJSD-FM RF On	1SS073		1SS113	CFNO-FM-8 RF Off	1SS153		1SS193		1SS233	
1SS034	CJSD-FM RF Off	1SS074	CFNO-FM-3 Preset 300 W	1SS114	CFNO-FM-5 Reset Alarms	1SS154		1SS194		1SS234	
1SS035		1SS075	CFNO-FM-3 Preset 100 W	1SS115	Neys Davicom Enable Alarm Calls	1SS155		1SS195		1SS235	
1SS036		1SS076	CFNO-FM-3 Preset 50 W	1SS116	Neys Davicom Disable Alarm Calls	1SS156		1SS196		1SS236	
1SS037	CJSD-FM Preset 10 kW	1SS077	CFNO-FM-3 Reset Alarms	1SS117	Baldy Davicom Enable Alarm Calls	1SS157		1SS197		1SS237	
1SS038	CJSD-FM Preset 5 kW	1SS078	Hill St. Deva Antenna 1	1SS118	Baldy Davicom Disable Alarm Calls	1SS158		1SS198		1SS238	
1SS039	CJSD-FM Preset 1.5 kW	1SS079	Hill St. Deva Antenna 2	1SS119	Atikokan Davicom Enable Alarm Calls	1SS159		1SS199		1SS239	
1SS040	CJSD-FM Preset 300 W	1SS080	Hill St. Deva 91.5 MHz	1SS120	Atikokan Davicom Disable Alarm Calls	1SS160		1SS200		1SS240	



## Cortex: SNMP Sets

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**More Than Remote Site Management**  
(What we might be doing differently)





Home Insert Draw View Help

Arial 20 B I U A

db Work Notebook

- Misc\_Work Davicom - Cortex workspaces
- Towers, Sites Davicom - Atikokan workspaces
- Briefs Davicom - Baldy workspaces
- Licences Davicom - Hill St. workspaces
- Misc. Radio Davicom - Marathon workspaces
- Misc TV Davicom - Neys workspaces
- CFNO Axia - Davicom Expansion Panel
- IPs Temp Silence from Pathfinder
- Receivers
- TV Network
- Building Info
- Electrical Panels
- EAS
- Quick Notes Work
- Quick Notes
- Axia Docs in PDF
- Davicom
- Misc. I.T.
- Safety Code 6

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## Davicom - Cortex workspaces

March 11, 2020 4:51 PM

Overview Deva Receivers CKPR-FM CJSD-FM CKTG-FM CKPR-DT CHFD-DT Kuusisto Waverly Atikokan Neys Hornepayne Beardmore Longlac Nakina White River Temperatures

BEST	CJSD-FM	103.104	103.104	MUST
CKPR-FM Audio Ok 91.5 MHz Carrier Ok 10.6 kW 6 W (refl) 4 W (S1By)	CJSD-FM Audio Ok 94.3 MHz Carrier Ok 9.9 kW 35 W (refl) 1.12 SWR 0 W (S1By)	CKTG-FM Audio Ok 105.3 MHz Carrier Ok 10.5 kW 38 W (refl) 3 W (S1By)	CKPR-FM Audio Ok 105.3 MHz Carrier Ok 11.7 W 0.4 W (refl) 3.3 PSI	CKPR-DT 244 W 3 W (refl) CKPR-DT Standby Off
CHFD-DT 248 W 4 W (refl) CKPR-DT Standby Off	CFQK-FM Audio Ok 104.5 MHz Carrier Ok 109 W 0.5 W (refl) 1.15 SWR	CJUK-FM Audio Ok 95.8 MHz Carrier Ok 297 W 3.8 W (refl) 1.24 SWR	CITB-FM 12.4 W	CKPR-FM-2 239 W 1 W (refl) 1.09 SWR
CFNO-FM Audio Ok 93.1 MHz Carrier Ok 8.1 kW 84 W (refl) 1.22 SWR 119 Vdc	CFNO-FM-2 309 W 0 W (refl) 1.12 SWR 117 Vdc	CFNO-FM-3 298 W 0 W (refl) 1.02 SWR 117 Vdc	CFNO-FM-5 20 W (refl) 1.25 SWR 119 Vdc	CFNO-FM-7 109 W 2 W (refl) 1.25 SWR 122 Vdc
CFNO-FM-8 10 W (refl) 1.00 SWR				

Dougall Media Transmitter Sites

Hill St. Alarm Calls  
Marathon Alarm Calls  
Ney's Alarm Calls  
Baldy Alarm Calls  
Atikokan Alarm Calls

Hill St. Generator off  
Pain St. Generator off  
Mt. Baldy Generator off

120.7 V  
210.3 V  
209.9 V

87 North Hill Street

91.5 CKPR - THUNDER BAY'S BEST MUSIC

BAUNDER CKPR Adult Hits

91.5 MHz 86 uV Hill St. Deva Antenna 1

Hill St. Deva 91.5 MHz Hill St. Deva 104.5 MHz

Hill St. Davicom Alarm Calls

Hill St. Davicom Enable Alarm

Hill St. Davicom Disable Alarm

Baldy Davicom Alarm Calls

Baldy Davicom Enable Alarm

OneNote: Workspace backups

NAB 2023

More Than Remote Site Management  
(What we might be doing differently)









Home Insert Draw View Help Table

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Heading 1 Dictate

Transmitter Sites

- Info for All Sites
- ISED
- CKPR-FM (Mt. Baldy)
- CJSD-FM (Mt. Baldy)
- CKPR-FM-2 (Atikokan)
- CKTG-FM (Mt. Baldy)
- CKED-FM (Mt. Baldy)
- CFQK-FM (Kuusisto Rd.)
- CJUK-FM (Waverly)
- CITB-FM (Hill St.)
- CIPR-FM (Pigeon River)
- CFNO-FM (Neys)
- CFNO-FM-1 (Nipigon)
- CFNO-FM-2 (Hornepayne)
- CFNO-FM-3 (Beardmore)
- CFNO-FM-4 (Geraldton)
- CFNO-FM-5 (Longlac)
- CFNO-FM-7 (Nakina)
- CFNO-FM-8 (White River)
- CKPR-DT (Mt. Baldy)
- CHFD-DT (Mt. Baldy)

Measurements Logbook 2023

Site Visits 2023

Off Air 2023

Measurements Logbook 2022

Site Visits 2022

Off Air 2022

Measurements Logbook 2021

Site Visits 2021

Off Air 2021

Measurements Logbook 2020

Site Visits 2020

Off Air 2020

Measurements Logbook 2019

Site Visits 2019

Off air 2019

Measurements Logbook 2018

Site Visits 2018

### Measurements Logbook 2022

Wednesday, January 15, 2020 4:26 PM

Channel	Band Limits	DTV Pilot
2	54-60	54.31

CKPR-DT, 54-60 MHz  
Mt. Baldy

Date	TPO (Watt)	Marker 1 Pilot level 54.3 MHz (dbm)	Marker 2 54 MHz (dbm)	Marker 3 60 MHz (dbm)	Marker 4 Table top 57 MHz (dbm)	Marker 5 Noise Floor 60.96 MHz (dbm)	Pilot Frequency 54.3 MHz
Jan 31, 2022	228.2	-66.5	-96.96	-96.58	-75.88	-96.60	54.30434
Feb 25, 2022	227.8	-63.11	-96.62	-96.63	-74.65	-96.94	54.30434
March 29, 2022	229	-66.0	-97.2	-95.9	-75.8	-97.7	54.30944
April 25, 2022	229	-61.6	-97.3	-92.2	-76.8	-97.5	54.30944
May 25, 2022	239	-61.9	-98.1	-95.9	-75.2	-96	54.30944
Jun 21, 2022	234	-63.3	-97.12	-96.99	-77.49	-97.37	54.30944
July 29, 2022	239	-62.3	-97.69	-96.75	-78.14	-96.84	54.31000
Aug 25, 2022	238	-64.05	-100.39	-98.23	-79.55	-101.01	54.30944
September 29, 2022	237	-64.6	-97.4	-98.2	-78.4	-97.1	54.30944
October 27, 2022	237	-62.3	-97.8	-96.5	-78.1	-97.2	54.31000
Dec 1, 2022	237	-64.73	-96.84	-96.75	-78.38	-96.42	54.3095
December 22, 2022	237	-64.2	-97.4	-98.0	-76.6	-97.0	54.3095

OneNote: Measurements logbook

NAB 2023

More Than Remote Site Management  
(What we might be doing differently)







**Thank You**

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