ECS Service Report
1-WAY SYSTEM

FEDERAL SIGNAL

Project Information

Customer Name: Richland Center	Date of Service: 9-11-24
Customer Contact #	Site # 1
Address: Well #7	
Primary Technician: Rick	
Secondary Technician: Blake	

Siren Information

(Document issues found and replacement parts in notes section below)

Siren Controller Type: DcFcBH		S/N: 0026596		
Siren Head Type: 2001		S/N: Dc5878c10		
Gear Driven ☒ Check	Belt Driven ☐ Check	Belt Condition ☐ Good ☐ Replace Next Year ☐ Bad		
Cabinet Type ☐ Metal ☒ Aluminum		Cabinet Condition ☒ Good ☐ Recommend Replacement		
Service ☐ Overhead ☒ Underground ☐ Other:			Meter # –	
Input Voltage: 122.6 VAC		Cabinet Height: 8'	F: 1261	C: 0
200 AMP Fuse ☒ Good ☐ Bad		Rotation: 2.1 Ohms	Chopper: .7 Ohms	Firmware Version:
Charger 1: 13.5 VDC	Charger 2: 13.7 VDC	Charger 3: 13.5 VDC	Charger 4: 13.7 VDC	2.3.0.0
Charger Fuses ☒ Pass ☐ Fail ☐ N/A		Transformer Rectifier: – VDC		
Battery 1: 879 CCA ☐ Replace (low CCA)	Battery 2: 905 CCA ☐ Replace (low CCA)	Battery 3: 855 CCA ☐ Replace (low CCA)	Battery 4: 868 CCA ☐ Replace (Low CCA)	
Total Battery: 54.3 VDC		Radio Battery: – VDC		
Battery Model: Ecs Blue		Radio Model: One way		
Antenna Model: Ground Plane		Antenna Height: 45'		
Pole Condition ☒ Good ☐ Bad		Pole Height: 55'		
Board Voltage ☒ AC ☒ DC		Cabinet Locks? ☒ Yes ☐ No		

1-way System Inspection Check List

(If no/fail, document reason in notes section below)

Electrical Connections	☒ Pass ☐ Fail
Grounding System	☒ Pass ☐ Fail
Antenna Cable Secure	☒ Pass ☐ Fail
Visual Rotation	☐ Pass ☐ Fail ☐ N/A
Audible Siren	☐ Pass ☐ Fail

Cleaned Cabinets	☒ Yes
Surge Protector	☒ Yes ☐ No
Decon Bags	☒ Replaced
Rust Inhibitors	☒ Replaced
Uploaded to Drive	☒ Yes

Notes: Batteries from 2019

wail	180 sec.
Stdy	180 sec.
Fast wail	120 sec.
Cancel	
Stdy	5 sec.

Technician Signature: _____

Phone: (920) 423-3311 - Email: Bill@Siren-Service.com
Website: www.EmergencyCommunicationSystems-ecs.com

ECS Service Report
1-WAY SYSTEM

FEDERAL SIGNAL

Project Information

Customer Name: Richland Center	Date of Service: 9-11-24
Customer Contact #	Site # 2
Address: East sub station	
Primary Technician: Rick	
Secondary Technician: Blake	

Siren Information

(Document issues found and replacement parts in notes section below)

Siren Controller Type: DCFCBH		S/N: 0023460	
Siren Head Type: 2001		S/N: DC4581E08	
Gear Driven ☒ Check	Belt Driven ☐ Check	Belt Condition ☐ Good ☐ Replace Next Year ☐ Bad	
Cabinet Type ☐ Metal ☒ Aluminum		Cabinet Condition ☒ Good ☐ Recommend Replacement	
Service ☐ Overhead ☒ Underground ☐ Other:			Meter # –
Input Voltage: 122.2 VAC		Cabinet Height: 8'	F: – C: –
200 AMP Fuse ☒ Good ☐ Bad		Rotation: 39 Ohms	Chopper: 1.2 Ohms
Charger 1: 13.7 VDC	Charger 2: 13.5 VDC	Charger 3: 13.7 VDC	Charger 4: 13.7 VDC
Charger Fuses ☒ Pass ☒ Fail ☒ N/A		Transformer Rectifier: – VDC	
Battery 1: 0 CCA ☒ Replace (low CCA)	Battery 2: 547 CCA ☒ Replace (low CCA)	Battery 3: 538 CCA ☒ Replace (low CCA)	Battery 4: 524 CCA ☒ Replace (Low CCA)
Total Battery: 50.5 VDC		Radio Battery: – VDC	
Battery Model: Ecs Blue		Radio Model: one way	
Antenna Model: Ground Plane		Antenna Height: 26'	
Pole Condition ☒ Good ☐ Bad		Pole Height: 50'	
Board Voltage ☒ AC ☒ DC		Cabinet Locks? ☒ Yes ☐ No	

Firmware Version: No LCD

1-way System Inspection Check List

(If no/fail, document reason in notes section below)

Electrical Connections	☒ Pass ☐ Fail
Grounding System	☒ Pass ☐ Fail
Antenna Cable Secure	☒ Pass ☐ Fail
Visual Rotation	☒ Pass ☐ Fail ☐ N/A
Audible Siren	☒ Pass ☐ Fail

Cleaned Cabinets	☒ Yes
Surge Protector	☒ Yes ☐ No
Decon Bags	☒ Replaced
Rust Inhibitors	☒ Replaced
Uploaded to Drive	☒ Yes

Notes:

Replaced 4 Siren Batteries
1 acid Neutralizer kit
2 yellow Fuse holders
1 10 Amp Fuse
Replaced 1 7.5 Amp Charger Fuse

Wail	180 sec.
Stdy	180 sec.
Fast wail	60 sec.
Cancle	
Stdy	5 sec.

Technician Signature: _____

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Website: www.EmergencyCommunicationSystems-ecs.com

ECS Service Report
1-WAY SYSTEM

FEDERAL SIGNAL

Project Information

Customer Name: Richland Center	Date of Service: 9-11-24
Customer Contact #	Site # 3
Address: Train Depot	
Primary Technician: Rick	
Secondary Technician: Blake	

Siren Information

(Document issues found and replacement parts in notes section below)

Siren Controller Type: DcFcBH		S/N: 0024885	
Siren Head Type: 2001		S/N: DC5314C09	
Gear Driven ☒ Check	Belt Driven ☐ Check	Belt Condition ☐ Good ☐ Replace Next Year ☐ Bad	
Cabinet Type ☐ Metal ☒ Aluminum		Cabinet Condition ☒ Good ☐ Recommend Replacement	
Service ☒ Overhead ☐ Underground ☐ Other:			Meter # —
Input Voltage: 122.3 VAC		Cabinet Height: 10'	F: — C: —
200 AMP Fuse ☒ Good ☐ Bad		Rotation: 2.0 Ohms	Chopper: 1.4 Ohms / Firmware Version:
Charger 1: 9.6 VDC	Charger 2: 9.5 VDC	Charger 3: 9.7 VDC	Charger 4: 9.5 VDC / NO LCD
Charger Fuses ☒ Pass ☐ Fail ☐ N/A		Transformer Rectifier: — VDC	
Battery 1: 828 CCA ☐ Replace (low CCA)	Battery 2: 849 CCA ☐ Replace (low CCA)	Battery 3: 813 CCA ☐ Replace (low CCA)	Battery 4: 881 CCA ☐ Replace (Low CCA)
Total Battery: 54.4 VDC		Radio Battery: — VDC	
Battery Model: Ecs Blue		Radio Model: One way	
Antenna Model: Ground Plan		Antenna Height: 26'	
Pole Condition ☒ Good ☐ Bad		Pole Height: 50'	
Board Voltage ☒ AC ☒ DC		Cabinet Locks? ☒ Yes ☐ No	

1-way System Inspection Check List

(If no/fail, document reason in notes section below)

Electrical Connections ☒ Pass ☐ Fail	Cleaned Cabinets ☒ Yes
Grounding System ☒ Pass ☐ Fail	Surge Protector ☒ Yes ☐ No
Antenna Cable Secure ☒ Pass ☐ Fail	Decon Bags ☒ Replaced
Visual Rotation ☐ Pass ☐ Fail ☐ N/A	Rust Inhibitors ☒ Replaced
Audible Siren ☐ Pass ☐ Fail	Uploaded to Drive ☒ Yes

Notes: Batteries from 2019

Wail 180 sec.
Stdy 180 sec.
Fast Wail 180 sec.
Cancel
Stdy 5 sec.

Technician Signature: _____

Phone: (920) 423-3311 - Email: Bill@Siren-Service.com
Website: www.EmergencyCommunicationSystems-ecs.com

ECS Service Report
1-WAY SYSTEM

FEDERAL SIGNAL

Project Information

Customer Name: Richland Center	Date of Service: 9-11-24
Customer Contact #	Site # 4
Address: W Seminary St.	
Primary Technician: Rich	
Secondary Technician: Blake	

Siren Information

(Document issues found and replacement parts in notes section below)

Siren Controller Type: DcFcBH		S/N: 0040818	
Siren Head Type: 2001		S/N: Dc9871A20	
Gear Driven ☒ Check	Belt Driven ☐ Check	Belt Condition ☐ Good ☐ Replace Next Year ☐ Bad	
Cabinet Type ☐ Metal ☒ Aluminum		Cabinet Condition ☒ Good ☐ Recommend Replacement	
Service ☐ Overhead ☒ Underground ☐ Other:			Meter # —
Input Voltage: 123.0 VAC		Cabinet Height: 9'	F: 228 / C: 134
200 AMP Fuse ☒ Good ☐ Bad		Rotation: 1.9 Ohms	Chopper: .4 Ohms / Firmware Version: 5.1.0.5
Charger 1: 54.0 VDC	Charger 2: — VDC	Charger 3: — VDC	Charger 4: — VDC
Charger Fuses ☒ Pass ☐ Fail ☐ N/A		Transformer Rectifier: — VDC	
Battery 1: 857 CCA ☐ Replace (low CCA)	Battery 2: 848 CCA ☐ Replace (low CCA)	Battery 3: 872 CCA ☐ Replace (low CCA)	Battery 4: 851 CCA ☐ Replace (Low CCA)
Total Battery: 54.0 VDC		Radio Battery: — VDC	
Battery Model: Ecs Blue		Radio Model: one way	
Antenna Model: Ground Plane		Antenna Height: 28'	
Pole Condition ☒ Good ☐ Bad		Pole Height: 50'	
Board Voltage ☒ AC ☒ DC		Cabinet Locks? ☒ Yes ☐ No	

1-way System Inspection Check List

(If no/fail, document reason in notes section below)

Electrical Connections	☒ Pass ☐ Fail	Cleaned Cabinets	☒ Yes
Grounding System	☒ Pass ☐ Fail	Surge Protector	☒ Yes ☐ No
Antenna Cable Secure	☒ Pass ☐ Fail	Decon Bags	☒ Replaced
Visual Rotation	☒ Pass ☐ Fail ☐ N/A	Rust Inhibitors	☒ Replaced
Audible Siren	☒ Pass ☐ Fail	Uploaded to Drive	☒ Yes

Notes: Batteries from 2020

Wail 180 sec.
Stdy 180 sec.
Fast wail 60 sec.
Cancle
Stdy 5 sec.

Technician Signature: _____

Phone: (920) 423-3311 - Email: Bill@Siren-Service.com
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ECS Service Report
1-WAY SYSTEM

FEDERAL SIGNAL

Project Information

Customer Name: Richland Center	Date of Service: 9-11-24
Customer Contact #	Site # 5
Address: Well #8	
Primary Technician: Rick	
Secondary Technician: Blake	

Siren Information

(Document issues found and replacement parts in notes section below)

Siren Controller Type: FCH		S/N: 4303	
Siren Head Type: 2T22		S/N: K0105 76H82	
Gear Driven ☒ Check	Belt Driven ☐ Check	Belt Condition ☐ Good ☐ Replace Next Year ☐ Bad	
Cabinet Type ☒ Metal ☐ Aluminum		Cabinet Condition ☒ Good ☐ Recommend Replacement	
Service ☐ Overhead ☒ Underground ☐ Other:			Meter # –
Input Voltage: 123.0 VAC		Cabinet Height: 12'	F: – C: –
200 AMP Fuse ☒ Good ☐ Bad		Rotation: – Ohms	Chopper: 1.2 Ohms
Charger 1: – VDC	Charger 2: – VDC	Charger 3: – VDC	Charger 4: – VDC
Charger Fuses ☐ Pass ☐ Fail ☒ N/A		Transformer Rectifier: – VDC	
Battery 1: – CCA ☐ Replace (low CCA)	Battery 2: – CCA ☐ Replace (low CCA)	Battery 3: – CCA ☐ Replace (low CCA)	Battery 4: – CCA ☐ Replace (Low CCA)
Total Battery: – VDC		Radio Battery: – VDC	
Battery Model: –		Radio Model: One Way	
Antenna Model: 10A6		Antenna Height: 12'	
Pole Condition ☒ Good ☐ Bad		Pole Height: 45'	
Board Voltage ☒ AC ☐ DC		Cabinet Locks? ☒ Yes ☐ No	

Firmware Version: NO LCD

1-way System Inspection Check List

(If no/fail, document reason in notes section below)

Electrical Connections	☒ Pass ☐ Fail
Grounding System	☒ Pass ☐ Fail
Antenna Cable Secure	☒ Pass ☐ Fail
Visual Rotation	☐ Pass ☐ Fail ☒ N/A
Audible Siren	☒ Pass ☐ Fail

Cleaned Cabinets	☒ Yes
Surge Protector	☒ Yes ☐ No
Decon Bags	☒ Replaced
Rust Inhibitors	☒ Replaced
Uploaded to Drive	☒ Yes

Notes:

AB 491.0
AC 491.3
BC 488.8

Wail 180 sec.
Stdy 180 sec.
Fast Wail 60 sec.
Cancel
Stdy 5 sec.

Technician Signature: _____

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Website: www.EmergencyCommunicationSystems-ecs.com

ECS Service Report
1-WAY SYSTEM

FEDERAL SIGNAL

Project Information

Customer Name: Richland Center	Date of Service: 9-11-24
Customer Contact #	Site # 6
Address: North Park	
Primary Technician: Rick	
Secondary Technician: Blake	

Siren Information

(Document issues found and replacement parts in notes section below)

Siren Controller Type: DCFCBH		S/N: 0023459		
Siren Head Type: 2001		S/N: DC4580E08		
Gear Driven ☒ Check	Belt Driven ☐ Check	Belt Condition ☐ Good ☐ Replace Next Year ☐ Bad		
Cabinet Type ☐ Metal ☒ Aluminum		Cabinet Condition ☒ Good ☐ Recommend Replacement		
Service ☒ Overhead ☐ Underground ☐ Other:			Meter # —	
Input Voltage: 122.2 VAC		Cabinet Height: 10'	F: —	C: —
200 AMP Fuse ☐ Good ☒ Bad		Rotation: 2.2 Ohms	Chopper: .1 Ohms	Firmware Version:
Charger 1: 52.3 VDC	Charger 2: — VDC	Charger 3: — VDC	Charger 4: — VDC	No LCD
Charger Fuses ☒ Pass ☐ Fail ☐ N/A		Transformer Rectifier: — VDC		
Battery 1: 824 CCA ☐ Replace (low CCA)	Battery 2: 810 CCA ☐ Replace (low CCA)	Battery 3: 805 CCA ☐ Replace (low CCA)	Battery 4: 754 CCA ☐ Replace (Low CCA)	
Total Battery: 52.3 VDC		Radio Battery: — VDC		
Battery Model: Ecs Blue		Radio Model: One way		
Antenna Model: Ground Plane		Antenna Height: 24'		
Pole Condition ☒ Good ☐ Bad		Pole Height: 50'		
Board Voltage ☒ AC ☒ DC		Cabinet Locks? ☒ Yes ☐ No		

1-way System Inspection Check List

(If no/fail, document reason in notes section below)

Electrical Connections	☒ Pass ☐ Fail	Cleaned Cabinets	☒ Yes
Grounding System	☒ Pass ☐ Fail	Surge Protector	☒ Yes ☐ No
Antenna Cable Secure	☒ Pass ☐ Fail	Decon Bags	☒ Replaced
Visual Rotation	☒ Pass ☐ Fail ☐ N/A	Rust Inhibitors	☒ Replaced
Audible Siren	☒ Pass ☐ Fail	Uploaded to Drive	☒ Yes

Notes: Batteries from 2021
Replaced 200 Amp fuse

Stdy	180 sec.
Wail	180 sec.
Fast wail	60 sec
Cancle	
Stdy	5 sec.

Technician Signature: _____

Phone: (920) 423-3311 - Email: Bill@Siren-Service.com
Website: www.EmergencyCommunicationSystems-ecs.com

ECS Service Report
1-WAY SYSTEM

FEDERAL SIGNAL

Project Information

Customer Name: Richland Center	Date of Service: 9-11-24
Customer Contact #	Site # 7
Address: Industrial Drive	
Primary Technician: Rick	
Secondary Technician: Blake	

Siren Information

(Document issues found and replacement parts in notes section below)

Siren Controller Type: FcH		S/N: 5510	
Siren Head Type: Thunder Bolt		S/N: B011405F83	
Gear Driven ☒ Check	Belt Driven ☐ Check	Belt Condition ☒ Good ☐ Replace Next Year ☐ Bad	
Cabinet Type ☒ Metal ☐ Aluminum		Cabinet Condition ☒ Good ☐ Recommend Replacement	
Service ☒ Overhead ☐ Underground ☐ Other:			Meter # —
Input Voltage: VAC		Cabinet Height: 12'	F: — C: —
200 AMP Fuse ☐ Good ☐ Bad		Rotation: — Ohms	Chopper: .7 Ohms
Charger 1: — VDC	Charger 2: — VDC	Charger 3: — VDC	Charger 4: — VDC
Charger Fuses ☐ Pass ☐ Fail ☒ N/A		Transformer Rectifier: VDC	
Battery 1: — CCA ☐ Replace (low CCA)	Battery 2: — CCA ☐ Replace (low CCA)	Battery 3: — CCA ☐ Replace (low CCA)	Battery 4: — CCA ☐ Replace (Low CCA)
Total Battery: — VDC		Radio Battery: — VDC	
Battery Model: —		Radio Model: One way	
Antenna Model: Ground Plan		Antenna Height: 26'	
Pole Condition ☒ Good ☐ Bad		Pole Height: 50'	
Board Voltage ☒ AC ☐ DC		Cabinet Locks? ☒ Yes ☐ No	

Firmware Version: No LCD

1-way System Inspection Check List

(If no/fail, document reason in notes section below)

Electrical Connections	☒ Pass ☐ Fail	Cleaned Cabinets	☒ Yes
Grounding System	☒ Pass ☐ Fail	Surge Protector	☒ Yes ☐ No
Antenna Cable Secure	☒ Pass ☐ Fail	Decon Bags	☒ Replaced
Visual Rotation	☐ Pass ☒ Fail ☐ N/A	Rust Inhibitors	☒ Replaced
Audible Siren	☐ Pass ☒ Fail	Uploaded to Drive	☒ Yes

Notes:

AB 210.3
AC 210.4
BC 210.8

Recomend upgrading siren

Wail 180 sec
Stdy 180 sec.
Fast Wail 60 sec.
Stdy 5 sec.

Bottom Left contactor tripped

Siren is out of commision

Wants price for New Siren

Technician Signature: _____

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