

MEMBERS OF COUNCIL

HON. KIM REYNOLDS
GOVERNOR

HON. PAUL D. PATE
SECRETARY OF STATE

HON. ROB SAND
AUDITOR OF STATE

HON. ROBY SMITH
TREASURER OF STATE

HON. MICHAEL L. NAIG
SECRETARY OF AGRICULTURE



Executive Council of Iowa

CAPITOL BUILDING
DES MOINES, IOWA 50319
PHONE: 515 281-5368

July 10, 2023

Accounting Department
Office of the Treasurer
Lucas Building
321 E 12th Street
Des Moines, IA, 50319

The Executive Council, in a meeting held on today's date, approved the Department of Public Safety's request for an emergency allocation and reimbursement in the amount of \$24,528.33. On November 23, 2022, a lightning strike caused damage to the Fairfield ISICS communication tower. Request was to cover repair costs.

This represents full and final payment and this allocation will be closed.

EXECUTIVE COUNCIL OF IOWA

Victoria Newton

Victoria Newton
Executive Secretary

cc: Captain Richard Pierce, Iowa State Patrol, Department of Public Safety
Joel Lunde, Department of Management

AOS Claim # 2403
TOS Job # _____



OFFICE OF AUDITOR OF STATE
STATE OF IOWA

Rob Sand
Auditor of State

State Capitol Building
Des Moines, Iowa 50319-0004
Telephone (515) 281-5834 Facsimile (515) 281-6518

May 31, 2023

Victoria Newton
Executive Council
L O C A L

Subject: Damages to Fairfield ISICS Communications Tower due to Lightning
Strike on November 23, 2022
Department of Public Safety
Claim dated April 14, 2023
AOS Claim ID: 2403

In accordance with Executive Council policy, we have examined the claim for 29C.20 funds for the above-mentioned damage. It is our conclusion that the above damage incurred by the Department of Public Safety is covered by Chapter 29C.20 of the Code of Iowa. Therefore, we recommend an Executive Council allocation and reimbursement in the amount of \$24,528.33. This represents full and final payment of the loss.

Sincerely,

A handwritten signature in blue ink, appearing to read "Ernest H. Ruben, Jr.".

Ernest H. Ruben, Jr., CPA
Deputy Auditor of State

cc: Captain Richard Pierce, Bureau Chief, Department of Public Safety
Joel Lunde, Department of Management

Kim Reynolds
Governor
Adam Gregg
Lt. Governor



Department of Public Safety

Stephan Bayens
Commissioner

April 14, 2023

Reference: 29C20 Reimbursement Claim ref. AON Lightning Damage to Fairfield ISICS Tower that occurred on 11-23-22

State of Iowa Executive Council:

On 4-2-23, Motorola submitted an invoice for \$24,528.33 regarding Act of Nature (AON) damage repairs to the Fairfield ISICS Tower site that occurred on 11-23-22 as a result of a lightning strike.

The DPS Interoperability Communications Bureau is respectfully submitting a 29C20 Reimbursement Claim for \$24,528.33 for this AON damage. Attached to this email is the 11-23-22 Initial 29C20 AON Notification of Damage to the Fairfield tower, the Motorola Invoice dated 3-20-23, a Storm Damage summary report dated 3-31-23 detailing the work conducted with a photograph depicting the damage that occurred due to the lightning strike, and a copy of the I-3 payment to Motorola for the repairs.

Thank you for your consideration and assistance with this repair.

Sincerely,

Captain Richard Pierce
Bureau Chief
Iowa DPS Communications & Interoperability Bureau
Office of the Commissioner
215 E. 7th Street
Des Moines, Ia 50319

Motorola Solutions, Inc.
1301 E. Algonquin Road
Schaumburg, IL 60196
U.S.A.

Mobile: +1-319-321-1134
Email: dave.gordon@motorolasolutions.com

March 31, 2023

Captain Richard Pierce
Iowa Department of Public Safety
Interoperability Communications Bureau
215 E. 7th St.
Des Moines, IA 50319
RE: Fairfield Lightning and Wind Damage Report

Good Afternoon Captain Pierce,

Below you will find the report for the Fairfield site.

Please review and contact me directly with any questions.

Thanks,



Dave Gordon
Customer Support Manager
State of Iowa
Motorola Solutions, Inc.

Fairfield Lightning Damage Report

On November 21st, 2022 there were reports of limited coverage in the Fairfield area. Motorola sent a technician to the site to investigate the reports. The technician was able confirm coverage issues upon getting to the Fairfield area.

The technician tested (swept) the coax on the transmit antenna system. The test indicated a problem with the transmit antenna system. After visually looking at the coax with binoculars, the technician could not see anything obvious from the ground. The technician determined that a tower crew was needed to investigate the antenna system further.

On November 30th, 2022, a tower crew and technician arrived at the Fairfield site. Upon inspection they found water in the transmit coax. When water gets in the coax and freezes it causes the coax to expand due to the ice and break the coax. This indicated that the transmit coax was bad and needed to be replaced. Motorola ordered replacement antenna system parts.

On December 12th, 2022, a tower crew and technician returned to the Fairfield site. They replaced 350 feet of 1 ¼ coax, connectors, ground kits, coax hangers and misc parts.

When removing the bad coax from the tower, they found a damaged ground cable. The ground cable had been blown off the coax which is an indication of a lightning strike. Since the ground cable was blown off it left a hole in the coax that allowed water to enter the coax.

Once the transmit coax was replaced the antenna system was tested (swept) and there were no issues.

The technician tested the system and the coverage issue was gone.

Fairfield Tower Damage

Below is the picture of the hole in the coax.





Motorola Solutions, Inc.
500 West Monroe
Chicago IL 60661
United States
Federal Tax ID: 36-1115800

ORIGINAL INVOICE			
Transaction Number 8330242998	Transaction Date 30-MAR-2023	Transaction Total 24,528.33 USD	
P.O. Number Verbal - Captain Pierce		P.O. Date 30-MAR-2023	Customer Account No 1000199978
Payment Terms Net Due in 60 Days			Payment Due Date 29-MAY-2023
Bill To Address IOWA, STATE OF ATTN: Accounts Payable 215 E 7TH ST DES MOINES IA 50319 United States		Ship To Address IOWA, STATE OF 1502 HIGHWAY 1 FAIRFIELD IA 52556 United States	

Visit our website at www.motorolasolutions.com

IMPORTANT INFORMATION

Sales Order(s): 3202925269

For all invoice payment inquiries contact
SLT5CTRB@motorolasolutions.com
Telephone: 800-247-2346
Fax: +1(631)883-4238

SPECIAL INSTRUCTIONS / COMMENTS

Depot SO#	Item Number	Description	Qty.	Unit Price (USD)	Amount (USD)
		Date Completed :12-DEC-22 Description of work :ISICS Fairfield Site. Technician and tower crew on site on 11-30-22 to investigate coverage issue. They found water in the coax. On 12-12-22 the tech and tower crew returned to replace the coax. When they pulled the old coax down they found a ground kit that had blown a hole due to a lightning strike. 350' of 1 1/4 coax Connectors Ground Kits Coax Hangers Misc Parts. Authorized by : Verbal - Captain Pierce			
	SVCFS-ONSITE-RSP-IO	FIELD SVC-ON SITE RESPONSE SVCS	1	19,025.00	19,025.00
	SVCFS-PARTS-IO	FIELD SERVICE - PARTS CHARGES	1	5,503.33	5,503.33

Please detach here and return the bottom portion with your payment

Payment Coupon

Transaction Number 8330242998	Customer Account No 1000199978	Payment Due Date 29-MAY-2023	Transaction Total 24,528.33 USD	Amount Paid
---	--	--	--	--------------------

Please put your Transaction Number and your Customer Account Number on your payment for prompt processing.

IOWA, STATE OF
ATTN: Accounts Payable
215 E 7TH ST
DES MOINES IA 50319
United States

Payment Transfer Details

CHICAGO
WIRE Routing Transit Number: 026009593
ACH/EFT Routing Transit Number: 111000012
SWIFT: BOFAUS3N
Bank Account No: 3756319819

Send Payments To:

Motorola Solutions, Inc.
13104 Collections Center Drive
Chicago IL 60693
United States
Please provide your remittance details to:
US.remittance@motorolasolutions.com



Motorola Solutions, Inc.
 500 West Monroe
 Chicago IL 60661
 United States
Federal Tax ID: 36-1115800

ORIGINAL INVOICE			
Transaction Number 8330242998	Transaction Date 30-MAR-2023	Transaction Total 24,528.33 USD	
P.O. Number Verbal - Captain Pierce		P.O. Date 30-MAR-2023	Customer Account No 1000199978
Payment Terms Net Due in 60 Days			Payment Due Date 29-MAY-2023

Visit our website at www.motorolasolutions.com

Depot SO#	Item Number	Description	Qty.	Unit Price (USD)	Amount (USD)
				USD Subtotal	24,528.33
				USD Total Tax	0.00
				USD Total	24,528.33
				USD Amount Due	24,528.33

Warrants

Fiscal Year	Warrant Number	Line Number	Line Amount	Issued	Redeemed	Vendor Customer
2023	72441176	1	\$24,528.33	04/11/2023		00002099390

First Prev Next Last

[Search](#) 

Warrant Information

Fiscal Year : 2023 Amount : \$24,528.33
Warrant Number : 72441176 Vendor Customer : 00002099390
Line Number : 1 Last Updated : 4/11/23

Issue Information

Issued : 04/11/2023 Void :
Document ID : 041023SJD001COMUTL Duplicate :
Document Line Number : 1 Stop :
Line Amount : \$24,528.33
Comments :

Redeemed Information

Fund Accounting

Detail Accounting

00

Newton, Victoria [TOS]

From: Pierce Richard <pierce@dps.state.ia.us>
Sent: Monday, November 28, 2022 2:29 PM
To: ExecutiveCouncil [TOS]; Hollingsworth, Tammy [AOS]
Cc: Dostal Sandra
Subject: 11-23-22 Initial Notification ref. Fairfield ISICS Tower - AON Lighting Strike to Antenna

Executive Council & Tammy

Please accepted this email as the initial 29C20 Notification of potential 29C20 AON Damage to Fairfield ISICS Tower due to a lightning strike that occurred on 11-23-22. There is potential damage to the tower antenna and coax. I will advise further upon receipt of information provided by Motorola.

Capt. Pierce

From: Dave Gordon <dave.gordon@motorolasolutions.com>
Sent: Wednesday, November 23, 2022 1:47 PM
To: jsmith@jeffersoncoiowa.com; dthomas@jeffersoncoiowa.com; brichmond@jeffersoncoiowa.com; jmarcellus@jeffersoncoiowa.com; ISICSNOC <ISICSNOC@DPS.STATE.IA.US>
Cc: Chad Gappa <chad.gappa@motorolasolutions.com>; Chad Menke <chad.menke@motorolasolutions.com>; Jonathon Neal <jonathon.neal@motorolasolutions.com>; Steven Pyle <steve.pyle@motorolasolutions.com>; Dan Chigi <danchigi@motorolasolutions.com>; Brian Flynn <brian.flynn@motorolasolutions.com>; DAVID GORDON <dave.gordon@motorolasolutions.com>
Subject: ** External Email Alert ** Re: Fairfield ISICS Site - Emergency Maintenance

****External Email Alert**** This email is from outside DPS. **DO NOT CLICK** links or attachments unless you expected them. If unsure please forward to ITOC@dps.state.ia.us for review.

Good Afternoon,

The Fairfield site is back on the air but operating with reduced coverage still.

The technician has completed the testing. The report indicates a problem with the transmit line and/or antenna. The report shows a problem on the coax between the shelter and transmit antenna. The coax and antenna may need to be replaced but will require a tower crew to inspect things on the tower.

This could be a result of a lightning strike but will not know until things get inspected closer.

We are working to get a tower crew lined up to inspect the coax and antenna.

We are also making plans to order (coax, antenna , parts, etc...) in the event they need to be replaced.

Please contact me with any questions.

Thanks,

Dave

On Wed, Nov 23, 2022 at 12:14 PM Dave Gordon <dave.gordon@motorolasolutions.com> wrote:

Good Morning,

We have a technician on site at the Fairfield tower and will be taking the site off the air for emergency maintenance. This is to investigate your recent reports of coverage issues.

We plan to start at 1230pm and will work diligently to get it back on the air as soon as possible.

We will call into dispatch as well and let them know.

Please contact me with any questions.

Thanks,

--

Dave Gordon
Customer Support Manager
Motorola Solutions, Inc.
State of Iowa

M: +1.319.321.1134

E: dave.gordon@motorolasolutions.com

--

Dave Gordon
Customer Support Manager
Motorola Solutions, Inc.
State of Iowa

M: +1.319.321.1134

E: dave.gordon@motorolasolutions.com

For more information on how and why we collect your personal information, please visit our [Privacy Policy](#).

Newton, Victoria [TOS]

From: Pierce Richard <pierce@dps.state.ia.us>
Sent: Friday, December 2, 2022 3:19 PM
To: ExecutiveCouncil [TOS]; Hollingsworth, Tammy [AOS]
Subject: 12-2-22 Update ref. 11-23-22 29C20 AON damage ref Fairfield ISICS Tower Antenna & Coax Unit
Attachments: 11-23-22 Initial Notification ref. Fairfield ISICS Tower - AON Lighting Strike to Antenna

Executive Council and Tammy,

Below is an update from the tower crew inspection regarding on AON damage to the Fairfield ISICS Tower. It appears the lightning damage to the antenna now includes water damage to the Coax Unit for Fairfield ISICS Tower.

Capt. Pierce

From: Dave Gordon <dave.gordon@motorolasolutions.com>
Sent: Wednesday, November 30, 2022 1:19 PM
To: David Thomas <dthomas@jeffersoncoiowa.com>
Cc: Joel Smith <jsmith@jeffersoncoiowa.com>; Bart Richmond <brichmond@jeffersoncoiowa.com>; Jerry Marcellus <jmarcellus@jeffersoncoiowa.com>; ISICSNOC <ISICSNOC@DPS.STATE.IA.US>; Chad Gappa <chad.gappa@motorolasolutions.com>; Chad Menke <chad.menke@motorolasolutions.com>; Jonathon Neal <jonathon.neal@motorolasolutions.com>; Steven Pyle <steve.pyle@motorolasolutions.com>; Dan Chigi <danchigi@motorolasolutions.com>; Brian Flynn <brian.flynn@motorolasolutions.com>; Ted Romanowski <ted.romanowski@motorolasolutions.com>; DAVID GORDON <dave.gordon@motorolasolutions.com>
Subject: ** External Email Alert ** Re: Fairfield ISICS Site - Emergency Maintenance

****External Email Alert**** This email is from outside DPS. **DO NOT CLICK** links or attachments unless you expected them. If unsure please forward to ITOC@dps.state.ia.us for review.

Good Afternoon,

The tower crew inspection found water in the transmit coax that had frozen. They cut out the bottom portion and put in a temporary jumper from approximately 20 ft to the shelter and it appears this has helped the issue.

This should temporarily help the coverage area. Can you please do some radio testing and let us know?

We need to point out this is a temporary solution. If the water melts and freezes in the coax it could create issues again.

Unfortunately we will have to replace the entire coax. We are working on locating some and getting it shipped as soon as possible.

We will send updates when we know.

Thanks,

Dave

On Wed, Nov 30, 2022 at 4:27 AM David Thomas <dthomas@jeffersoncoiowa.com> wrote:

We appreciate the heads up and I'll pass it on to all the crews. We've been operating on the old frequency since you discovered the probable lightning strike. It's still good to know because ISICS is our back-up. I'll let everyone on the PD side know it's completely down. Thanks again for the quick response and all the attention to fix it ASAP. I feel a lot safer knowing that this should fix the issues we were having before. It's all kinds of cheaper than buying repeaters so our budget thanks you, too. Hope your crew has a safe day.

David A. Thomas

Chief of Police

Fairfield Police Department – Integrity, Honor, Professionalism

NOTICE This email message (including any file attachments transmitted with it) is for the sole use of the intended recipient(s) and may contain confidential and legally privileged information. Any unauthorized use or disclosure of this email by an unintended recipient is prohibited. If you have received this e-mail in error please notify the sender by return e-mail and destroy all copies of the original message.

UNAUTHORIZED RE-DISSEMINATION MAY RESULT IN CIVIL AND CRIMINAL LIABILITY.

From: Dave Gordon [mailto:dave.gordon@motorolasolutions.com]

Sent: Tuesday, November 29, 2022 23:16

To: Joel Smith; David Thomas; Bart Richmond; Jerry Marcellus; ISICSNOC

Cc: Chad Gappa; Chad Menke; Jonathon Neal; Steven Pyle; Dan Chigi; Brian Flynn; Ted Romanowski; Dave Gordon

Subject: Re: Fairfield ISICS Site - Emergency Maintenance

Good Evening,

We should have a tower crew at the Fairfield site around 10:00am tomorrow morning.

Weather permitting, the plan will be to have them inspect the connectors, coax and antenna.

This will require us to take the site off the air.

We will plan to take the site down shortly after they arrive at 10:00am.

Please let me know if you have any questions.

Thanks

Dave Gordon
Customer Support Manager
Motorola Solutions, Inc.

State of Iowa

M: +1.319.321.1134

E: dave.gordon@motorolasolutions.com

On Wed, Nov 23, 2022, 1:47 PM Dave Gordon <dave.gordon@motorolasolutions.com> wrote:

Good Afternoon,

The Fairfield site is back on the air but operating with reduced coverage still.

The technician has completed the testing. The report indicates a problem with the transmit line and/or antenna. The report shows a problem on the coax between the shelter and transmit antenna. The coax and antenna may need to be replaced but will require a tower crew to inspect things on the tower.

This could be a result of a lightning strike but will not know until things get inspected closer.

We are working to get a tower crew lined up to inspect the coax and antenna.

We are also making plans to order (coax, antenna , parts, etc...) in the event they need to be replaced.

Please contact me with any questions.

Thanks,

Dave

On Wed, Nov 23, 2022 at 12:14 PM Dave Gordon <dave.gordon@motorolasolutions.com> wrote:

Good Morning,

We have a technician on site at the Fairfield tower and will be taking the site off the air for emergency maintenance. This is to investigate your recent reports of coverage issues.

We plan to start at 1230pm and will work diligently to get it back on the air as soon as possible.

We will call into dispatch as well and let them know.

Please contact me with any questions.

Thanks,

--

Dave Gordon
Customer Support Manager
Motorola Solutions, Inc.

State of Iowa

M: +1.319.321.1134

E: dave.gordon@motorolasolutions.com

--

Dave Gordon
Customer Support Manager
Motorola Solutions, Inc.

State of Iowa

M: +1.319.321.1134

E: dave.gordon@motorolasolutions.com

For more information on how and why we collect your personal information, please visit our [Privacy Policy](#).

--

Dave Gordon
Customer Support Manager
Motorola Solutions, Inc.
State of Iowa

M: +1.319.321.1134

E: dave.gordon@motorolasolutions.com

For more information on how and why we collect your personal information, please visit our [Privacy Policy](#).