

Kim Reynolds
Governor
Adam Gregg
Lt. Governor



Department of Public Safety

Stephan Bayens
Commissioner

August 8, 2022

Ref. AON 29C20 Allocation Request ref. 4-12-22 broken radome cover on the Storm Lake ISICS Communication Tower.

State of Iowa Executive Council:

On 4-12-22, Strong winds in the Buena Vista County area had blown debris into the radome cover on the Storm Lake ISICS Tower causing it to break. On 4-21-22, a Motorola Tower Repair crew noticed the damage and reported it. A 29C20 Initial Notification was made on 4-21-22 and sent to the Executive Council regarding this AON Event (See attached email).

On 5-31-22, Motorola provided an estimate to repair the radome cover on the Storm Lake ISICS Tower. The repair is estimated at \$8,722.00. Due to supply chain delays and other Motorola towers repair commitments the repairs to the tower had been delayed; however, they are now in progress and we should be receiving an invoice soon.

The DPS Interoperability and Communications Bureau is respectfully submitting a 29C20 Allocation Request for \$8,722.00 for this AON damage

Thank you for your consideration.

Sincerely,

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

29C20 and FEMA Request Tracking Spreadsheet

29C20 and FEMA Request Tracking Spreadsheet															
Date of Event	AOIN Event Description & Property Damaged	29C20 and/or FEMA	Initial Notification	Meets SSK Threshold	29C20 Cancelled	DIG Added Estimates		Allocation Request Sent	Final Invoice cost	Reimbursement claim - Date Sent	FEMA RPA submitted	FEMA Funds Reimbursed	29C20 Funds Reimbursed	OPS Cost to Date	Notes
						Initial Repair Estimates	Final Repair Estimates								
3/10/2021	Cedar Rapids (Old Ops Leo Tower) - strong wind broke tower cable	29C20	3/11/2021	Yes	NA	\$6,576.00	4/26/2021	\$6,576.00	7/13/2021		NA	NA	12/13/2021	4520	Combined into one claim (3-10 & 3-29 AON events)
3/29/2021	Cedar Rapids (Old Ops Leo Tower) - strong wind broke tower cable	29C20	3/29/2021	Yes	NA	\$3,266.00	4/26/2021	\$3,266.00	7/13/2021		NA	NA	12/13/2021	4520	Total combined claim: \$9,842.00
3/16/2021	Watkinsville Tower - Replace Light System for AON	29C20	3/16/2021	Yes	NA	\$13,486.54	3/19/2021	\$54,537.72	4/7/2021		NA	NA	5/16/2021	4529	1-19-22 Light system issue - 522-431-36, 4-4-22 installation issue - 532-084-38 (National Tower Controls)
10/20/2021	Palo Alto SICIS Tower - Damage - Lightning strike to top beacon	29C20	12/16/2021	Yes	NA	\$10,598.00	12/29/2021	\$10,598.00	3/8/2022		NA	NA	4/4/2022	4529	Was not notified by Motorola until 12-16-21
11/25/2021	Statewide Derecho - Wind damage to Multiple SICIS Towers	29C20 & FEMA	12/16/2021	Yes	NA	\$406,641.13	3/8/2022	\$387,527.91	4/12/2022	3/27/2022	NA	NA		4520	Wittenwyler advised sub 29C20 & FEMA Grant application for general fund reimbursement
12/12/2021	Statewide Derecho - Gunders DPIS Tower, broken lower Guy Wire	29C20	12/16/2021	Yes	NA	\$6,801.00	3/8/2022	\$6,801.00	3/8/2022		NA	NA		4520	Allocation & Reimbursement Claim made on same date.
3/8/2022	Mason City SICIS Tower - Beacon Failure - Possible AON	29C20	3/8/2022	Unknown	NA	\$10,598.00	3/8/2022				NA	NA		4529	AON determination pending
2/21/2022	Kosuth SICIS Tower - Beacon Failure - Possible AON	29C20	2/21/2022	Unknown	NA	\$10,598.00					NA	NA		4529	AON determination pending
3/23/2022	Fayette SICIS Tower - Beacon Failure - Possible AON	29C20	2/24/2022	Unknown	NA	\$10,598.00					NA	NA		4529	AON determination pending
3/15/2022	Keosauqua SICIS Tower - Tornado damage to Radome Cover	29C20	3/15/2022	Yes	NA	\$8,722.00					NA	NA		4529	Covered under the initial request of damage. Confirmed on 4-5-22 & followup notification made
3/16/2022	Lucas SICIS Tower - direct hit by EF-3 Tornado	29C20	3/16/2022	Yes	NA	\$44,534.76	3/17/2022				NA	NA		4529	4-11-22 Lucas & Keosauqua damage threshold not qualify for FEMA Reimbursement
3/25/2022	Rodwell City SICIS Tower - Broken Radome	29C20	3/26/2022	Unknown	NA	\$8,722.00					NA	NA		4529	Estimate Pending
3/28/2022	Zwingle SICIS Tower - Beacon Failure - Possible AON	29C20	3/28/2022	Unknown	NA	\$10,598.00					NA	NA		4529	AON determination pending
3/28/2022	Clayton SICIS Tower - Beacon Failure - Possible AON	29C20	3/28/2022	Unknown	NA	\$10,598.00					NA	NA		4529	AON determination pending
3/28/2022	Brewerette SICIS Tower - Beacon Failure - Possible AON	29C20	3/28/2022	Unknown	NA	\$10,598.00					NA	NA		4529	AON determination pending
3/28/2022	Grundy SICIS Tower - Beacon Failure - Possible AON	29C20	3/28/2022	Unknown	NA	\$10,598.00					NA	NA		4529	AON determination pending
4/5/2022	Woodward SICIS Tower - Radome damage from debris	29C20	4/5/2022	Unknown	NA	\$10,722.00					NA	NA		4529	MotorWork cover discovered on 4-4-22, closed during 4-6-22 Moto walk call. Estimated occurrence end of March.
4/12/2022	Mason City SICIS Tower - Broken Radome & Antenna damage AON	29C20	4/13/2022	Yes	NA	\$48,793.00					NA	NA		4529	NWS Predicted Severe Storm with highwinds covering wide area of Iowa over right 4-12-22
4/12/2022	Franklin SICIS Tower - Antenna Alignment - Possible AON	29C20	4/13/2022	Unknown	NA	\$15,286.00					NA	NA		4529	NWS Predicted Severe Storm with highwinds covering wide area of Iowa over right 4-12-22
4/12/2022	Storm Lake SICIS Tower - Broken Radome AON	29C20	4/12/2022	Yes	NA	\$10,722.00					NA	NA		4529	NWS Predicted Severe Storm with highwinds on 4-12-22. Observations from inspection on 4-20-22
5/1/2022	Marshalltown to Grundy SICIS tower - path alignment AON	29C20	5/3/2022	Yes	NA	\$16,429.00					NA	NA		4529	Strong winds moved dishes deflecting path
5/16/2022	Winnebago SICIS Tower Beacon Failure - Possible AON	29C20	5/17/2022	Unknown	NA	\$10,598.00					NA	NA		45	AON determination pending

Newton, Victoria [TOS]

From: Pierce Richard <pierce@dps.state.ia.us>
Sent: Thursday, April 21, 2022 4:56 PM
To: DAVID GORDON
Subject: 4-21-22 Storm Lake Broken Radome

Thank you sir!

From: Dave Gordon <dave.gordon@motorolasolutions.com>
Sent: Thursday, April 21, 2022 4:54 PM
To: ISICSNOC <ISICSNOC@DPS.STATE.IA.US>
Cc: DAVID GORDON <dave.gordon@motorolasolutions.com>; Steven Pyle <steve.pyle@motorolasolutions.com>
Subject: ** External Email Alert ** Storm Lake Broken Radome

****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,

Attached is the picture I took yesterday of the radome that is broken at Storm Lake tower after talking to Scott at the meeting.



I had looked at the tower when I stopped by on 3-27-22 to check the spare parts inventory. They looked fine that morning.

I can only assume this happened during the 4-12-22 storms but not certain.

Thanks,

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

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