



**BE PROUD
PASSIONATE
THERE**

AUGUST 14-20, 2017

DES MOINES GOLF AND COUNTRY CLUB





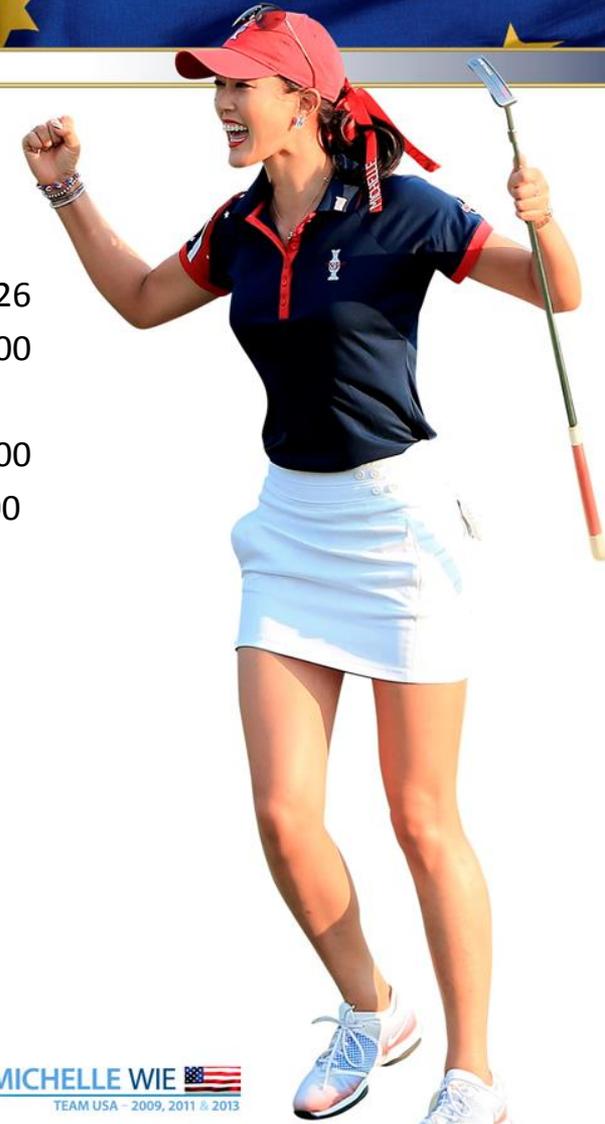
DES MOINES GOLF AND COUNTRY CLUB | 2017

- 1990 inaugural event
- Top lady professionals from the USA against the top European professionals
- Three-day match play event
- Over the last 25 years, the Solheim Cup has grown into the most prestigious women's event in the world.
- 2013 – First loss ever for Americans at home
- 2017 – Des Moines Golf & Country Club
 - West Des Moines, Iowa USA





DES MOINES GOLF AND COUNTRY CLUB | 2017



Attendance

- | | |
|--|---------|
| • 2017 Solheim Cup (Des Moines Golf & Country Club, WDM, IA) | 124,426 |
| • 2013 Solheim Cup (Colorado Golf Club, Parker, CO) | 110,000 |
| • 2009 Solheim Cup (Rich Harvest Farms, Sugar Grove, IL) | 120,000 |
| • 2005 Solheim Cup (Crooked Stick, Indianapolis, IN) | 103,000 |
| • 2002 Solheim Cup (Interlachen, Minneapolis, MN) | 68,000 |

Demographics

- 61% Female / 39% Male
- 60% are married
- 72% have household income of \$75,000+
- 33% have household income of \$150,000+
- 71% hold a college or post-graduate degree
- 82% are above age 45
- **50% of attendees were from outside the state of Iowa**
 - **27 counties**

MICHELLE WIE 
TEAM USA - 2009, 2011 & 2013



DES MOINES GOLF AND COUNTRY CLUB | 2017

At a glance

- August 14-20, 2017
- Des Moines Golf and Country Club, West Des Moines, Iowa USA
- 60+ Suites/Skyboxes
- Ticket sales 80% Local, 20% National
- LIVE television coverage of every match on Golf Channel and/or NBC
- The PING Junior Solheim Cup
 - Patterned after The Solheim Cup
 - Featuring the top twelve girls age 13 – 17 from the United States against those from Europe
- Jake Owen Concert (Friday 8/18) & Rascal Flatts Concert (Saturday 8/19)



Accommodations

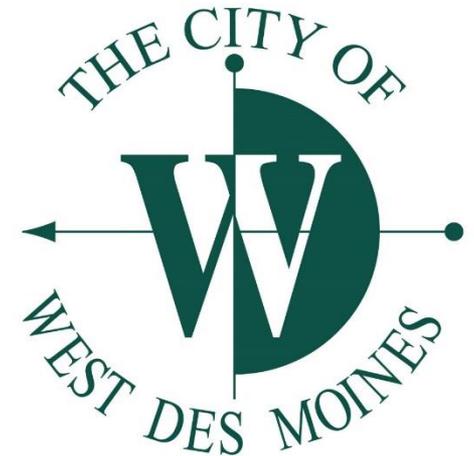
- 12,000 hotel rooms in Des Moines metro
 - 2,000-3,000 additional in Central Iowa
- Marriott Downtown
 - Official LGPA hotel
- Sheraton, WDM
 - NBC, Golf Channel, SkySports
- Drury Inn, WDM
- Hyatt Place, WDM
- Element, WDM





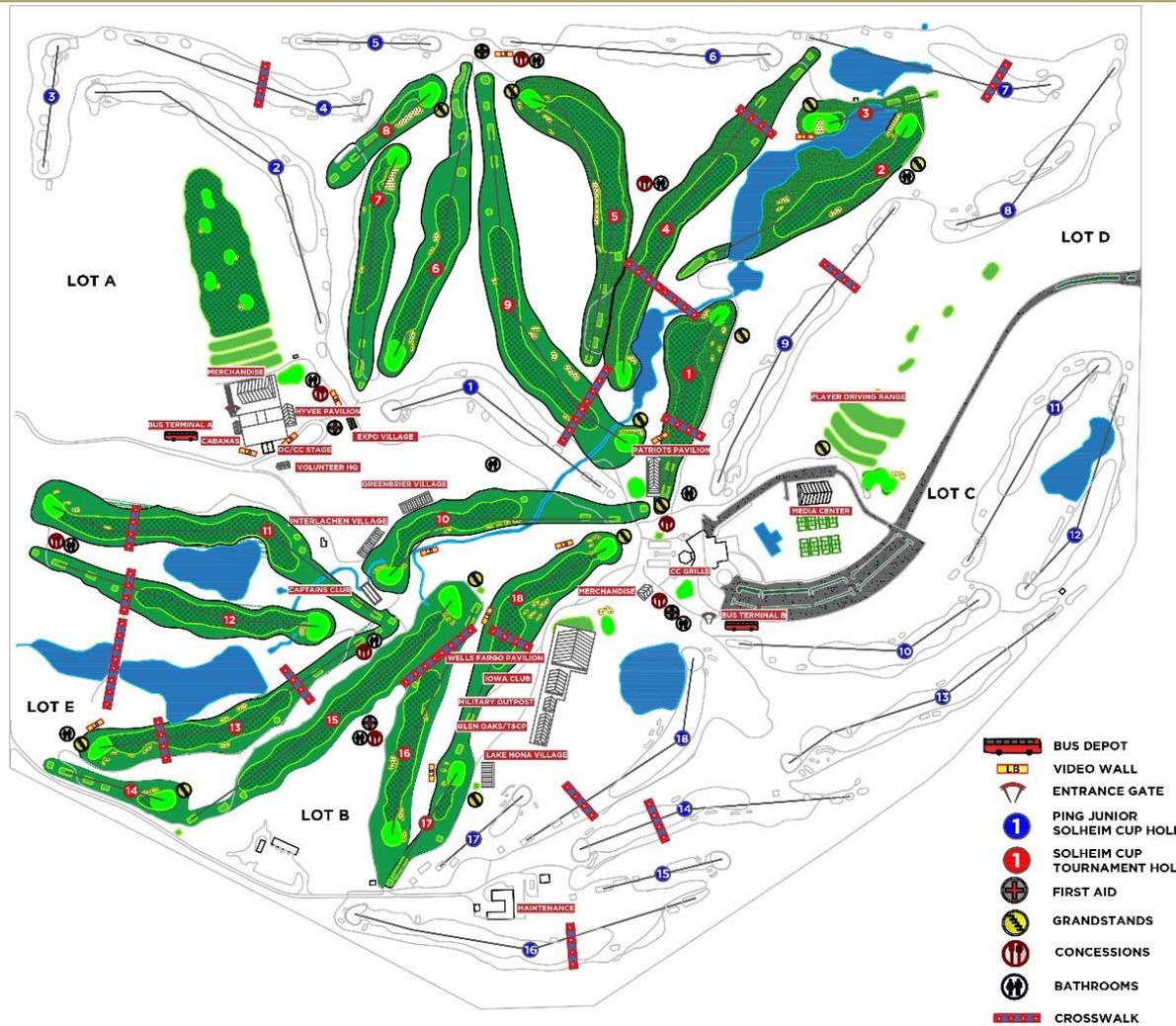
West Des Moines, Iowa USA

- 1999 US Senior Open at Des Moines Golf and Country Club
 - 252,800 attendees
- 2001-2004, 2006-2012 Principal Charity Classic at Glen Oaks County Club
 - 81,550 attendees
- 2017 Solheim Cup at Des Moines Golf and Country Club
 - 124,426 attendees
 - From all 50 states and 27 countries
 - Largest international athletic event ever held in Iowa





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Geocortex



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Patriots Pavilion – 1st Tee



BE PROUD | BE PASSIONATE | BE THERE



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1st Tee – Site Plan



SOLHEIM CUP PATRIOTS PAVILION SITE PLAN

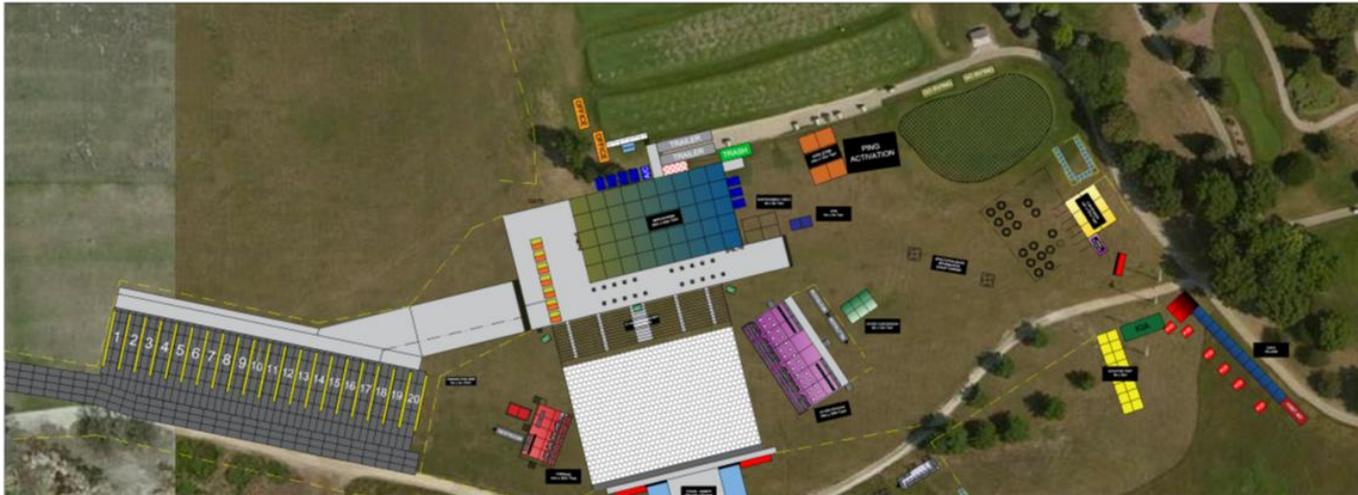
DRAWN BY: C. SMITH
VERSION 1.1
DATE: 4/30/2017
LOCATION: 1ST TEE





DES MOINES GOLF AND COUNTRY CLUB | 2017

Main Entrance Area Site Plan





DES MOINES GOLF AND COUNTRY CLUB | 2017

Clubhouse Driving Range Area Site Plan



SOLHEIM CUP CLUBHOUSE DRIVING RANGE SITE PLAN

DRAWN BY: C. SMITH
VERSION 1.1
DATE: 4/30/2017
LOCATION: CLUBHOUSE DRIVING RANGE





The 'other' players

- **City of West Des Moines**
 - Police, Fire, EMS, Westcom, Public Works, City Administration
- Neighboring municipalities
 - City of Clive, City of Urbandale, City of Waukee
- Counties
 - Polk County and Dallas County
 - Sheriff, Emergency Management
- State of Iowa
 - DPS, DOT, Iowa National Guard 71st CST
- Federal and Military
 - DHS, NWS
- Private entities
 - Per Mar Security
 - Mercy Ambulance





Westcom Emergency Communications

- 1997 City of West Des Moines installed Motorola 800MHz analog (P16) trunked system
- 2001 Westcom formed between Cities of Clive, Urbandale and West Des Moines
- 2014 Radio upgraded to Motorola 800MHz digital (P25) trunked simulcast system
- 2016 Westcom radio transitioned to ISICS core
- 2017 Westcom today
 - 155,998 resident population
 - 127 square miles of service area across 4 counties (Polk, Dallas, Warren, Madison)
 - 5 cities (Clive, Norwalk [12/2012], Urbandale, Waukee [07/2015], West Des Moines)
 - 11 public safety agencies, 12 public service agencies, 1 school district
 - 2,500 radio subscribers

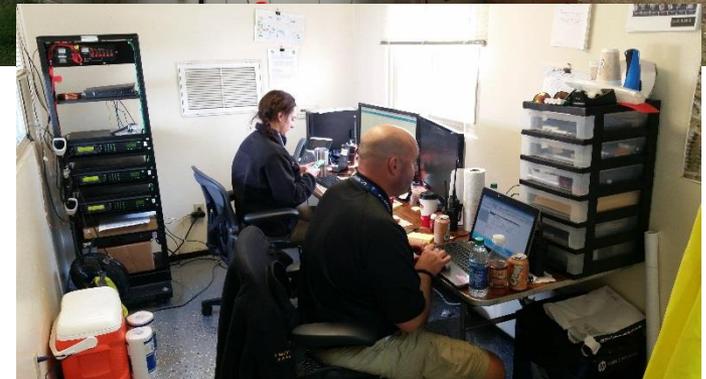
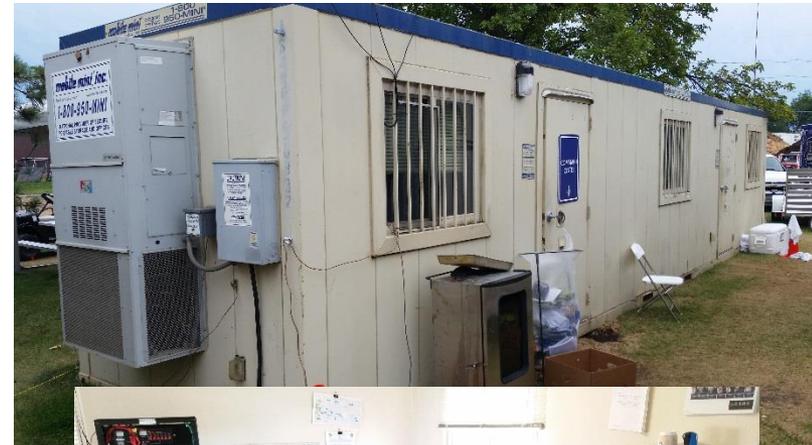




Communications Unit [COMU]

- **Mobile Communications Center (call sign “GOLFCOMM”) [ICC]**

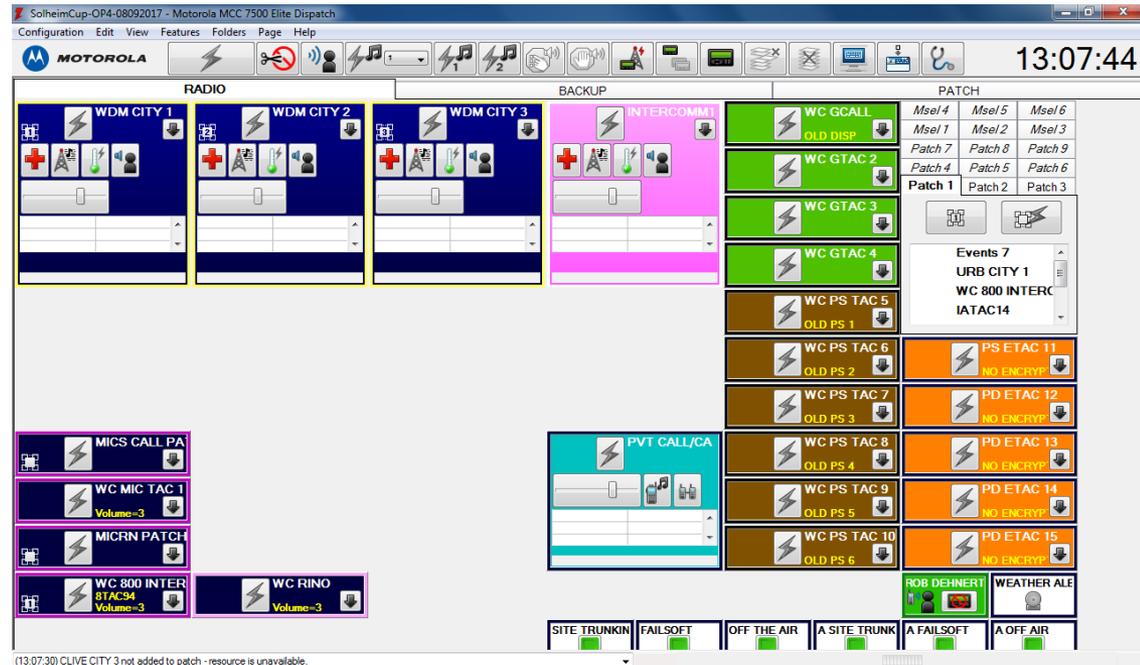
- 40’ mobile office
- Personnel
 - Incident Communications Center Manager [INCM]
 - COML and COMT
 - Tactical Dispatchers [RADO]
- Radio
 - Three consolettes
- Telephone
 - Wired and wireless
- Computer
 - 100Mbps symmetrical internet connectivity
 - [Microsoft SharePoint micro site](#)
 - NIMS 205, 205A, 214
 - [WeatherTAP](#)
 - Skype for Business Instant Messaging





Communications Unit [COMU]

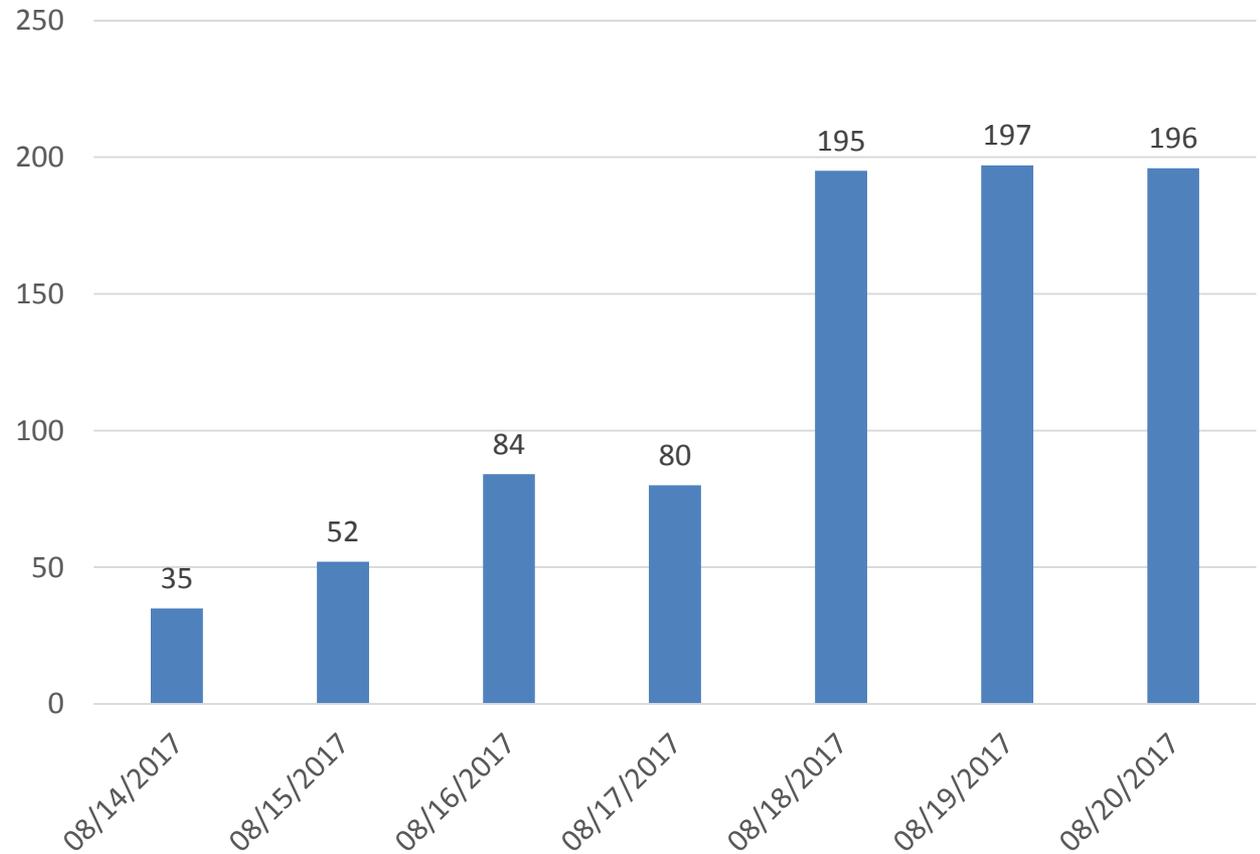
- **Westcom Communication Center**
 - Dedicated Dispatcher
 - Tactical console configuration





Activity Log [214]

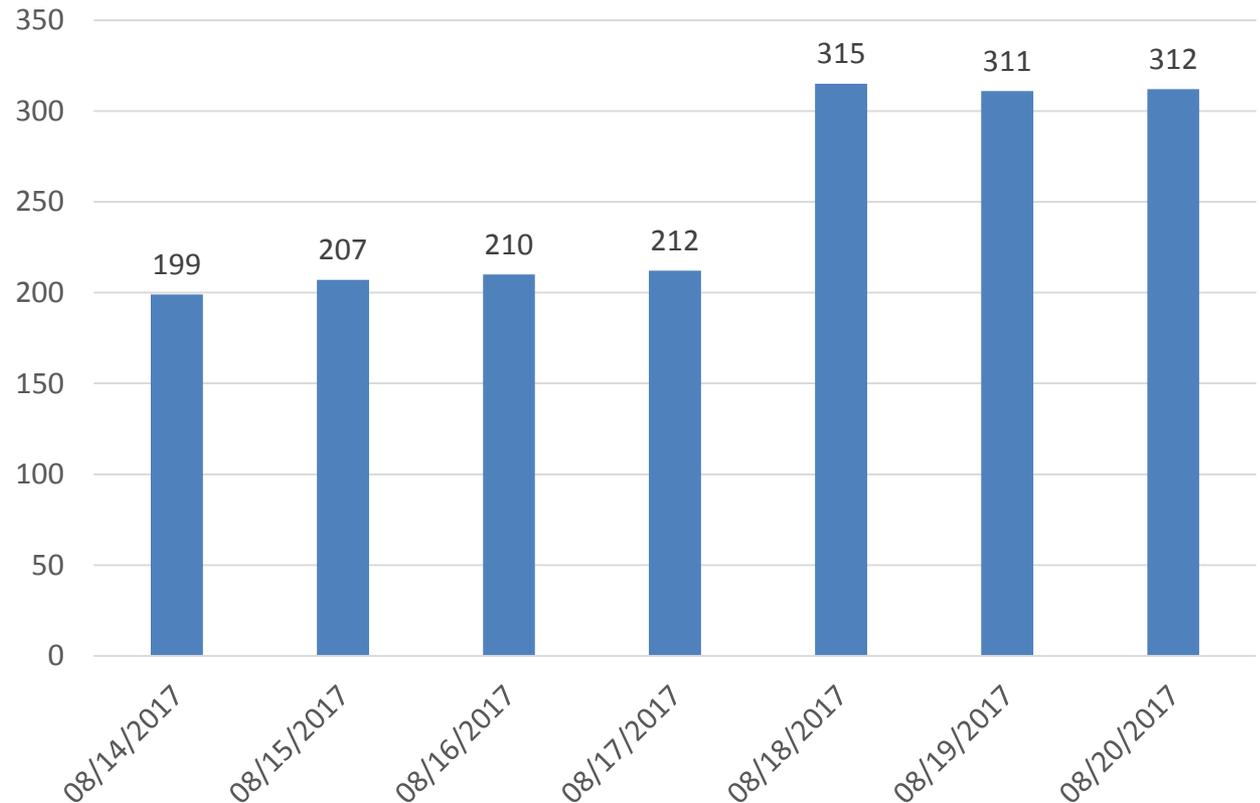
839 log entries





Public Safety Personnel

- Westcom
- WDM EMS, FD, PD, PW
- Clive PD
- Urbandale PD
- Waukee PD
- Iowa State Patrol
- Iowa DOT MVE
- IANG 71st CST
- Per Mar Security
- Mercy Ambulance





Talk Paths

Main Interior Ops	West Exterior Ops	East Exterior Ops	Command Interop	Tactical Interop	Tactical (REACT)	Tactical	Tactical	Tactical
WDM CITY 1	WDM CITY 2	WDM CITY 3	VCALL10	VTAC11	WESTCOM ETAC12	WESTCOM GTAC2	WESTCOM GTAC3	WESTCOM GTAC4
CLIVE CITY 1	CLIVE CITY 2	CLIVE CITY 3	UCALL40	UTAC41				
URBANDALE CITY 1	URBANDALE CITY 2	URBANDALE CITY 3	8CALL90	8TAC91				
WAUKEE CITY 1	WAUKEE CITY 2	WAUKEE CITY 3	WESTCOM MICS PTCH					
DPS EVENT 7	DPS EVENT 8	DPS EVENT 9	DPS EVENT 6					
IATAC14	IATAC15	IATAC16	IACALL11					
8TAC94								



Main Operations Radio

Main Ops TG

3,187 PTT

8:35:13 total talk time

Date/Time	Push-to-Talks	Total Talk Time (HH:MM:SS)
Friday, 08/18/2017, 1300-1359	152	00:24:51
Friday, 08/18/2017, 1400-1459	125	00:20:05
Sunday, 08/20/2017, 1500-1559	122	00:20:28

All other hours were less than 100 PTT/hour.

Average of 29.0 PTT/hour over entire 110 hours of radio usage.

ZERO busy signals!



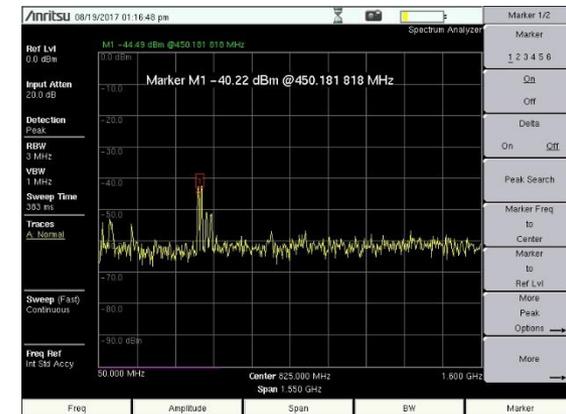
Prime Radio Users

User	Push-to-Talks	Total Talk Time (HH:MM:SS)
On-site GOLFCOMM Dispatcher	2,830	04:51:55
Jody Hayes, WDM PD	2,094	05:29:54
Adam Porath, WDM PD	1,911	03:54:58
Dedicated WESTCOM Dispatcher	1,863	02:32:20
David Edgar, WDM EMS	989	01:57:05
Randy Kunert, ISP	863	01:59:46



Radio Frequency Saturation

- LPGA
 - WQZU209 STA
 - 16 UHF channels (MOTOTRBO)
 - 243 radios
- WESTCOM on ISICS
 - 17 talkgroups
- Non-Federal National Interoperability Channels
 - VCALL10, UCALL40, 8CALL90
 - VTAC11, UTAC41, 8TAC91
 - 8TAC94
- Verizon SOW
- WiFi 2.4GHz and 5GHz
- 50MHz to 1.6GHz spectrum analysis





Lessons Learned

- Radio training
 - Physicians, Nurses, volunteers, et al
- Plain language
 - Ten codes and call signs
 - December 2006, the National Incident Management System (NIMS) issued an alert stating: “it is required that plain language be used for multi-agency, multi-jurisdiction and multi-discipline events, such as major disasters and exercises”
 - September 10, 2009 NIMS issued another [alert](#), replacing the one issued in 2006, which states, “the use of plain language in emergency response is a matter of public safety, especially the safety of first responders and those affected by the incident.”
- Talkgroups
 - Need more for dynamic assignment



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Click here to watch video online at
<https://www.youtube.com/watch?v=50RJHc1Z92s>



2017
WEST DES MOINES, IA

Solheim 2017



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Questions, comments or concerns...

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