MECC SET 2017

Exercise Plan – Draft

October 7, 2017

The Exercise Plan (ExPlan) gives elected and appointed officials, observers, media personnel, and players from participating organizations information they need to observe or participate in the exercise. Some exercise material is intended for the exclusive use of exercise planners, controllers, and evaluators, but players may view other materials that are necessary to their performance. All exercise participants may view the ExPlan.

Below are the links to Participant Feedback Survey. **Please complete the survey within 48 hours of the exercise.**

https://www.surveymonkey.com/r/2017JOCOSET

Published 9/22/17

EXERCISE OVERVIEW

Exercise Name	MECC SET 2017
Exercise Date	October 7, 2017
Scope	This exercise is a Full Scale Exercise, planned for 6 hours throughout the Kansas City Metro Region. Exercise play is intended for jurisdictions and agencies identified in this plan, however, other jurisdictions may be conducting their own exercises and may participate with this exercise in a support role.
Mission Area(s)	Response
Core Capabilities	Operational Communication, Operational Coordination, Situational Assessment, and Public and Private Services and Resources.
Objectives	1. Notify group members to follow activation procedures. 2. Create UHF/VHF/HF/Digital nets to support EOC operations. 3. Develop situational reports and relay to Kansas and Missouri state partners. 4. Activate KCHEART and establish communications with hospitals. 5. Report on local/regional infrastructure interruptions and damage if known.
Threat or Hazard	Wildland Fire
Scenario	This scenario is based on the Kansas and Oklahoma wildland fires that occurred in March 2017. A large fire that started in southwestern Johnson County Ks is burning out of control and is threatening Wyandotte and Leavenworth counties. The dry weather conditions and high winds have made controlling the fire very difficult. It has been three days since the fires began and the original fire is only 10% contained. As the fire progresses toward more populated areas, evacuations have begun and shelters have been set up around the metro to assist those being evacuated. Amateur radio groups are being asked to support EOC operations.

Sponsor	Kansas City Metropolitan Emergency Communications Council (MECC) and the Metropolitan Emergency Manager's Committee (MEMC)
Participating Organizations	This exercise will include amateur radio groups and hospitals from the following jurisdictions:
	Platte County, MO
	Clay County, MO
	Independence MO
	Jackson County, MO
	Johnson County, KS
	Wyandotte County, KS
	Cass County, MO
	Leavenworth County, KS
	This will also include the following state or regional organizations:
	Kansas City Hospital Emergency Amateur Radio Teams (KCHEART)
	Kansas RACES
	American Red Cross
	Salvation Army
Points of Contact	Carolyn Wells, Senior Controller
	Trauma/Emergency Preparedness Coordinator
	Liberty Hospital
	2525 Glenn Hendren Drive
	Liberty, MO 64068
	816-792-7248 (office)
	816-377-7223(cell)
	Carolyn.Wells@libertyhospital.org
	Matt May, Exercise Director
	Director, Emergency Management Department
	Unified Government of Wyandotte County and Kansas City Kansas
	701 North 7th St, Room B 20
	Kansas City, Kansas 66101
	913-573-6337 direct
	913-645-6582 cell
	mmay@wycokck.org
	Alan Garrison, FEMA
	Region VII Exercise Coordinator
	816-283-7021
	alan.garrison@dhs.gov

MECC SET Schedule of Events

Planning Meetings

Concept and Objectives/Initial Planning Meeting
April 18, 2017 at the Wyandotte County KS EOC
Planning Meeting
June 1, 2017 at the Wyandotte County KS EOC
Intermediate Planning Meeting
July 6, 2017 at the Wyandotte County KS EOC
MSEL Planning Meeting
August 3, 2017 at the Wyandotte County KS EOC
Final Planning Conference
September 7, 2017 at the Wyandotte County KS EOC
Extra Planning Meeting (if needed)
September 21, 2017 at the Wyandotte County KS EOC

Controller Evaluator Training

October 3, 2017 at 1800 at the Wyandotte County KS EOC

MECC SET Exercise

October 7, 2017 from 0800-1400 – Regional Net Control at the Wyandotte County KS
EOC

Regional Hotwash

October 7, 2017 from 1500-1700 at the Wyandotte County KS EOC
Controllers, Evaluators, and Planning Team Members **ONLY**

After Action Conference

October 14, 2017 from 0900-1200 at the Kansas City Chapter of the American Red Cross
(211 W. Armour Blvd, KCMO 64111)
ALL Participants

Homeland Security Exercise and Evaluation Program (HSEEP)

GENERAL INFORMATION

Exercise Objectives and Core Capabilities

The following exercise objectives in Table 1 describe the expected outcomes for the exercise. The objectives are linked to core capabilities, which are distinct critical elements necessary to achieve the specific mission area(s). The objectives and aligned core capabilities are guided by elected and appointed officials and selected by the Exercise Planning Team.

Exercise Objective	Core Capability
Notify group members to follow activation procedures.	Operational Communications Public and Private Services and Resources
Create UHF/VHF/HF nets to support sheltering operations (if needed) and develop situational reports..	Operational Communications
Develop situational reports and relay to Kansas and Missouri state partners.	Situational Assessment
Activate KCHEART and establish communications with hospitals.	Operational Coordination
Report on local/regional infrastructure interruptions and damage if known.	Situational Assessment

Table 1. Exercise Objectives and Associated Core Capabilities

Participant Roles and Responsibilities

The term *participant* encompasses many groups of people, not just those playing in the exercise. Groups of participants involved in the exercise, and their respective roles and responsibilities, are as follows:

- **Players.** Players are personnel who have an active role in discussing or performing their regular roles and responsibilities during the exercise. Players discuss or initiate actions in response to the simulated emergency.

- **Controllers.** Controllers plan and manage exercise play, set up and operate the exercise site, and act in the roles of organizations or individuals that are not playing in the exercise. Controllers direct the pace of the exercise, provide key data to players, and may prompt or initiate certain player actions to ensure exercise continuity. In addition, they issue exercise material to players as required, monitor the exercise timeline, and supervise the safety of all exercise participants.

- **Simulators.** Simulators are control staff personnel who role play nonparticipating organizations or individuals. They most often operate out of the Simulation Cell (SimCell), but they may occasionally have face-to-face contact with players. Simulators function semi-independently under the supervision of SimCell controllers, enacting roles (e.g., media reporters or next of kin) in accordance with instructions provided in the

Master Scenario Events List (MSEL). All simulators are ultimately accountable to the Exercise Director and Senior Controller.

- **Evaluators.** Evaluators evaluate and provide feedback on a designated functional area of the exercise. Evaluators observe and document performance against established capability targets and critical tasks, in accordance with the Exercise Evaluation Guides (EEGs).

- **Observers.** Observers visit or view selected segments of the exercise. Observers do not play in the exercise, nor do they perform any control or evaluation functions. Observers view the exercise from a designated observation area and must remain within the observation area during the exercise.

- **Support Staff.** The exercise support staff includes individuals who perform administrative and logistical support tasks during the exercise (e.g., registration, catering).

Exercise Assumptions and Artificialities

In any exercise, assumptions and artificialities may be necessary to complete play in the time allotted and/or account for logistical limitations. Exercise participants should accept that assumptions and artificialities are inherent in any exercise, and should not allow these considerations to negatively impact their participation.

Assumptions

Assumptions constitute the implied factual foundation for the exercise and, as such, are assumed to be present before the exercise starts. The following assumptions apply to the exercise:

- The exercise is conducted in a no-fault learning environment wherein capabilities, plans, systems, and processes will be evaluated.

- The exercise scenario is plausible, and events occur as they are presented.

- Exercise simulation contains sufficient detail to allow players to react to information and situations as they are presented as if the simulated incident were real.

- Participating agencies may need to balance exercise play with real-world emergencies. Real-world emergencies take priority.

Artificialities

During this exercise, the following artificialities apply:

- Exercise communication and coordination is limited to participating exercise organizations, venues, and the SimCell.

- Only communication methods listed in the Communications Directory are available for players to use during the exercise.

EXERCISE LOGISTICS

Safety

Exercise participant safety takes priority over exercise events. The following general requirements apply to the exercise:

- The Controllers are responsible for participant safety; any safety concerns must be immediately reported to the Controller. The Senior Controller and Exercise Director will determine if a real-world emergency warrants a pause in exercise play and when exercise play can be resumed.

- For an emergency that requires assistance, use the phrase **"real-world emergency."** The following procedures should be used in case of a real emergency during the exercise:

  - Anyone who observes a participant who is seriously ill or injured will immediately notify emergency services and the closest controller, and, within reason and training, render aid.

  - Any controller aware of a real emergency will initiate the "real-world emergency" broadcast and provide the Senior Controller and Exercise Director with the location of the emergency and resources needed, if any. The Senior Controller will notify the Net Control Station as soon as possible if a real emergency occurs.

Fire Safety

Standard fire and safety regulations relevant to the jurisdiction will be followed during the exercise.

Electrical and Generating Device Hazards

All applicable electrical and generating device safety requirements should be documented prior to the start of the exercise.

Site Access

Security

If entry control is required for the exercise venue(s), the sponsor organization is responsible for arranging appropriate security measures. To prevent interruption of the exercise, access to exercise sites is limited to exercise participants. Players should advise their venue's controller or evaluator of any unauthorized persons.

Exercise Identification

Exercise staff may be identified by vests or hats if the jurisdiction chooses to do so. Because of the nature of this exercise, there are no pre-determined colors for controllers and evaluators.

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POST-EXERCISE AND EVALUATION ACTIVITIES

Debriefings

Post-exercise debriefings aim to collect sufficient relevant data to support effective evaluation and improvement planning.

Hot Wash

At the conclusion of exercise play, controllers facilitate a Hot Wash to allow players to discuss strengths and areas for improvement, and evaluators to seek clarification regarding player actions and decision-making processes. All participants may attend; however, observers are not encouraged to attend the meeting. The Hot Wash should not exceed 30 minutes.

All documentation should be provided to the Controller/Evaluators to be brought to the regional debriefing at 1500. This documentation should include: A list of participants on the sign-in sheets, ICS-213 forms, radiograms, simplex check documents, any site assessment or evaluation forms and copies of any other documents utilized during the scenario.

Controller and Evaluator Debriefing

Controllers and evaluators attend a facilitated C/E Debriefing immediately following the exercise. During this debriefing, controllers and evaluators provide an overview of their observed functional areas and discuss strengths and areas for improvement.

Controllers, evaluators, and exercise planning team members will attend a facilitated Controller and Evaluator Debriefing at 1500 hours on 10/07/2017. This Debriefing will be held at the Wyandotte County Kansas EOC (701 N. 7th Street, Kansas City, KS 66101)

Participant Feedback Forms

Participant Feedback Forms provide players with the opportunity to comment candidly on exercise activities and exercise design. Participant Feedback Forms should be collected at the conclusion of the Hot Wash. This year there will also be an on-line version of the form. The link to that specific website is: https://www.surveymonkey.com/r/2017JOCOSET. This must be completed by Monday, October 13, 2017.

https://www.surveymonkey.com/r/2017JOCOSET

Evaluation

Exercise Evaluation Guides

EEGs assist evaluators in collecting relevant exercise observations. EEGs document exercise objectives and aligned core capabilities, capability targets, and critical tasks. Each EEG provides evaluators with information on what they should expect to see demonstrated in their functional area. The EEGs, coupled with Participant Feedback Forms and Hot Wash notes, are used to evaluate the exercise and compile the After-Action Report (AAR).

After-Action Report

The AAR summarizes key information related to evaluation. The AAR primarily focuses on the analysis of core capabilities, including capability performance, strengths, and areas for improvement. AARs also include basic exercise information, including the exercise name, type of exercise, dates, location, participating organizations, mission area(s), specific threat or hazard, a brief scenario description, and the name of the exercise sponsor and POC.

Improvement Planning

Improvement planning is the process by which the observations recorded in the AAR are resolved through development of concrete corrective actions, which are prioritized and tracked as a part of a continuous corrective action program.

After-Action Meeting

The After-Action Meeting (AAM) is a meeting held among decision- and policy-makers from the exercising organizations, as well as the Lead Evaluator and members of the Exercise Planning Team, to debrief the exercise and to review and refine the draft AAR and Improvement Plan (IP). The AAM should be an interactive session, providing attendees the opportunity to discuss and validate the observations and corrective actions in the draft AAR/IP.

Controllers, evaluators, and any interested exercise participants will attend the After Action Conference October 14, 2017 at 0900 at the American Red Cross Kansas City Chapter (211 W Armour Blvd., KCMO 64111)

Improvement Plan

The IP identifies specific corrective actions, assigns them to responsible parties, and establishes target dates for their completion. It is created by elected and appointed officials from the organizations participating in the exercise, and discussed and validated during the AAM.

PARTICIPANT INFORMATION AND GUIDANCE

Exercise Rules

The following general rules govern exercise play:

- Real-world emergency actions take priority over exercise actions.

- Exercise players will comply with real-world emergency procedures, unless otherwise directed by the control staff.

- All communications (including written, radio, telephone, and e-mail) during the exercise will begin and end with the statement **"This is an exercise."**

- Exercise players who place telephone calls or initiate radio communication with the SimCell must identify the organization or individual with whom they wish to speak.

Players Instructions

Players should follow certain guidelines before, during, and after the exercise to ensure a safe and effective exercise.

Before the Exercise

- Review appropriate organizational plans, procedures, and exercise support documents.

- Be at the appropriate site at least 30 minutes before the exercise starts. Wear the appropriate uniform and/or identification item(s).

- Sign in when you arrive.

- If you gain knowledge of the scenario before the exercise, notify a controller so that appropriate actions can be taken to ensure a valid evaluation.

- Read your Player Information Handout, which includes information on exercise safety.

During the Exercise

- Respond to exercise events and information as if the emergency were real, unless otherwise directed by an exercise controller.

- Controllers will give you only information they are specifically directed to disseminate. You are expected to obtain other necessary information through existing emergency information channels.

- Do not engage in personal conversations with controllers, evaluators, observers, or media personnel. If you are asked an exercise-related question, give a short, concise answer. If you are busy and cannot immediately respond, indicate that, but report back with an answer as soon as possible.

- If you do not understand the scope of the exercise, or if you are uncertain about an organization's participation in an exercise, ask a controller.

- Parts of the scenario may seem implausible. Recognize that the exercise has objectives to satisfy and may require incorporation of unrealistic aspects. Every effort has been made by the exercise's trusted agents to balance realism with safety and to create an effective learning and evaluation environment.

- All exercise communications will begin and end with the statement **"This is an exercise."** This precaution is taken so that anyone who overhears the conversation will not mistake exercise play for a real-world emergency.

- When you communicate with the SimCell, identify the organization or individual with whom you wish to speak.

- Speak when you take an action. This procedure will ensure that evaluators are aware of critical actions as they occur.

- Maintain a log of your activities. Many times, this log may include documentation of activities that were missed by a controller or evaluator.

After the Exercise

- Participate in the Hot Wash at your venue with controllers and evaluators.

- Complete the Participant Feedback Form. This form allows you to comment candidly on emergency response activities and exercise effectiveness. Provide the completed form to a controller or evaluator.

- Provide any notes or materials generated from the exercise to your controller or evaluator for review and inclusion in the AAR.

Simulation Guidelines

Because the exercise is of limited duration and scope, certain details will be simulated. The physical description of what would fully occur at the incident sites and surrounding areas will be relayed to players by simulators or controllers. A SimCell will simulate the roles and interactions of nonparticipating organizations or individuals.

APPENDIX A: EXERCISE SCHEDULE

Time	Personnel	Activity
0730-0800	KC Metro Regional Net Control	Roll call of all local net control stations/liaison stations via the KC Metro Regional Net on the 146.94 MHz repeater (tone 88.5). Local exercise controllers should provide an exercise briefing, reviewing exercise conduct and addressing any safety concerns if not already done.
0800	**All Participants**	**Start of Exercise (STARTEX)**
0800-1400	All Radio Operators	All operators on station and active on jurisdictional net. Controller/Net Control for jurisdiction monitoring the146.94 MHz repeater. Regional Digital traffic will be passed on 145.76, 145.73, 145.71 MHz
1000-1100	Jurisdictional Net Control	Local Amateur Radio Team Leaders will provide number of operators and anticipated EndEx for that jurisdiction by voice or data to Regional Net Control.
1000-1200	All Radio Operators	Repeater/Simplex Check Regional Net Control will available for simplex checks as requested via the regional net.
1000-1200	Jurisdictional Net Control and KS RACES Liaison Station	Jurisdictional Net Controls/liaisons will be asked to provide content for a message that will be sent to SEMA and KDEM.
1400	**All Participants**	**ENDEX – Each local net will check out with the Regional Net Control**
1400	All Participants	On scene/on air Hotwash will be conducted by local Amateur Radio Team Leaders and regional Controllers and Evaluators. Reminder to participants to fill out Participant Feedback form on line.
1500	Controllers and Evaluators	Debriefing at the Wyandotte County EOC– **Bring all documentation!**

Below are the links to Participant Feedback Survey.
Please complete the survey within 48 hours of the exercise.

https://www.surveymonkey.com/r/2017JOCOSET

APPENDIX B: EXERCISE PARTICIPANTS

Participating Organizations
State
State of Kansas Division of Emergency Management (KDEM)
State of Missouri State Emergency Management Agency (SEMA)
State of Kansas Radio Amateur Civil Emergency Services (RACES)
Regional
Metropolitan Emergency Communications Council (MECC)
Kansas City Hospital Emergency Amateur Radio Teams (KCHEART)
Local – Amateur Radio Groups
Cass County MO ARES
Independence, MO ECS
Jackson County MO ARES
Johnson County KS ARES
Johnson County KS RACES (ECS)
Leavenworth County KS ARES
Northland ARES (Clay and Platte Counties, MO)
Salvation Army (SATERN)
Wyandotte County KS RACES
Local – Hospitals
Carroll County Memorial Hospital
Children's Mercy Hospital Kansas
Fitzgibbon Hospital
Liberty Hospital
Menorah Medical Center
Metro Regional Healthcare Coordination Center
North Kansas City Hospital
Providence Medical Center
Saint John Hospital
Saint Luke's Cushing
Saint Luke's Barry Road
Saint Luke's East
Shawnee Mission Medical Center
The University of Kansas Hospital
Veteran's Administration Hospital
Western Missouri Medical Center
Local – Emergency Management
Cass County MO Emergency Management
Clay County MO Emergency Management
Independence, MO Emergency Management
Jackson County MO Emergency Management

Johnson County KS Emergency Management
Leavenworth County KS Emergency Management
Platte County MO Emergency Management
Wyandotte County KS Emergency Management

APPENDIX C: COMMUNICATIONS PLAN

Communications Plan

Exercise Start, Suspension, and Termination Instructions

The exercise is scheduled to run for 4 hours or until the Exercise Director and Senior Controller determine that the exercise objectives have been met. The Exercise Director will announce the start of the exercise and exercise suspension or termination through the Regional Communication Network on the 146.94 MHz repeater (88.5 tone).

> **All spoken and written communication will start and end with the statement,**
> **"THIS IS AN EXERCISE."**

Player Communication

Players will use routine, in-place communication systems. Additional communication assets may be made available or utilized as the exercise progresses. Exercise play, as designated by inject, might remove a communications asset (i.e. a repeater) from play, with or without warning. These assets will likely not actually be taken off line but simply should not be utilized until instructed otherwise by the local Controller. The need to maintain capability for a real-world response may preclude the use of certain communication channels or systems that would usually be available for an actual emergency incident. In no instance will exercise communication interfere with real-world emergency communications. Each venue will coordinate its own internal communication networks and channels and will be communicated via their own local communications plan.

Key objectives of the exercise are to provide logistical communications between players, net controls and the regional net control. Additionally teams should provide data back to their respective net controls regarding their deployment status and basic data collected about the area they have assessed. This includes data regarding challenges setting up emergency communications because of damage to infrastructure. Primarily this traffic should be passed by voice but could also be passed via a data mode.

Regional Net Control will be conducted from the Regional Healthcare Coordination Center. **The regional net will be held on the 146.94 repeater (tone 88.5).** All jurisdictions participating should check in on that net prior to StartEx through their primary net controller and be prepared to provide updates throughout the exercise. This net can be used to request mutual aid resources and will be used to initiate regional play injects. It will also be where situation reports can be shared to provide a better common operating picture for all jurisdictions.

The primary means of communication among the players, controllers, and the venues will be amateur radio. Local jurisdictions should use radio resources as provided for in their operational plans. Data collected should be passed to the local net controls and then provided to the Controllers at EndEx to be returned to the Senior Controller.

Another objective is to utilize High Frequencies (HF) to contact stations outside the region including passing traffic (messages) to the Communications Officer of the State Emergency Management office for both Kansas and Missouri. It will also be used to interact with other jurisdictions to demonstrate the ability to share information throughout the FEMA Region VII area. Jurisdictions will develop additional HF objectives as appropriate for the scenario.

HF PROCEDURE:

The HF portion of the exercise will be handled as a function of Kansas RACES, WX0KR.

A KS RACES HF voice net will be opened at approximately 1500Z (1000 local) by a station at the Kansas State EOC in Topeka, KS on 7.240 MHz LSB. The secondary frequency will be 3.900 MHz. The net will solicit check-ins from the Kansas City metro counties, and other Region VII jurisdictions and will be available to handle exercise traffic until approximately 1500Z (1200 local time).

If your station has HF voice, please attempt to make contact with the Kansas SET HF voice station. As the exercise allows, stations should continue to monitor the Kansas SET HF net until the net is concluded.

Traffic will also be passed on the 147.030, (pos offset, 88.5 tone) repeater direct to Topeka into the KS RACES net at 1130+/- hours.

Hospital Exercise Elements:

A HAvBED poll will be pushed out to the metro and Region A hospitals at 0730. This will be completed in EMResource and on a paper form that will later be given to the amateur radio operator. The hospital will also fill out an HICS 203 form. These documents will be given to the House Supervisor. KCHEART net control will conduct a roll call at 0900 hours on the 443.500 MHz VA repeater which will be linked to the 146.88 MHz repeater in Warrensburg MO. Hospitals may access the net via either repeater. After the roll call is complete, the hospital amateur radio operators will make contact with the House Supervisor and get the HAvBED poll and the ICS 203. Operators will then use the APRS radio system via UI View, change the color of the icon to represent the current ED status and include the bed poll numbers. Operators will transmit the ICS 203 form digitally to regional net control via the 146.94 repeater. The instructions for changing the status and sending the bed poll numbers are available on the

KCHEART Yahoo Group site. The training videos are available from YouTube at https://www.youtube.com and search for KC HEART.

Contacting Regional Net Control:

The Regional Net will be monitored at all times until EndEx is called at the Wyandotte County Kansas Emergency Operations Center. Regional NCS will also be monitoring APRS and the email for the exercise which is KCHEART@live.com to send back reports and documents. The phone number for the Regional Net Control is: 913-573-8956. The cell phone numbers for the Senior Controller and Exercise Director are listed at the beginning of this document.

Communications Check

Before the start of the exercise, each jurisdiction should perform a communication check to confirm their ability to contact each team, facility and the Regional Nets to ensure an uninterrupted flow of control information. This includes not only voice communications, but verifying connectivity of data modes such as APRS.

Player Briefing

There will be a briefing for all players prior to the start of the exercise. Controllers may be required to read specific scenario details to the participants to begin exercise play. In most cases players may be provided injects for use later during the exercise. They may also have technical handouts, forms, or other materials to give to players in order to better orient them to the exercise environment. Copies of all written materials should be provided to the Controllers for inclusion in the AAR.

Digital Communications Plan

This exercise will have a digital communication focus to demonstrate the capability of sending digital files over the air without other infrastructure. Specific operations will be determined by the local group or jurisdiction. There are many different modes and frequencies that can be used and so it is recommended that each jurisdiction determine the preferred mode of the jurisdiction they would like to send information to by voice via the regional net on the 146.94 repeater. See the communications plan below for additional information.

Regional Communications Plan as of May 2017

VHF	Metro	Metro	County	1	2	3	4	5	6	7	8	9	Digi 1	Digi 2	Digi 3	Primary Rpt	Repeater2	Rpt3	APRS	APRS2	Skywarn	SkyRegional	SkyRegBackup	Winlink
WYCO	146.4	146.94- 88.5	146.5	147.51	147.52	147.53	147.54	147.55	147.56	147.57	147.58	147.59	145.76		145.73	147.21+ 151.4	147.165+ 151.4		144.39	144.34	147.21+ 151.4	146.70- 107.2	145.19- 107.2	
JOCO	146.4	146.94- 88.5	146.51	147.41	147.42	147.43	147.44	147.45	147.46	147.47	147.48	147.49	145.76		145.71	145.47- 151.4	146.51		144.39	144.34	145.47- 151.4	146.70- 107.2	145.19- 107.2	
LVCO	146.4	146.94- 88.5	146.53	147.51	147.52	147.53	147.54	147.55	147.56	147.57	147.58	147.59	145.76		145.73				144.39	144.34	147.0+ 151.4	146.70- 107.2	145.19- 107.2	
MICO	146.4	146.94- 88.5	146.54	147.41	147.42	147.43	147.44	147.45	147.46	147.47	147.48	147.49	145.76		145.71	147.0+ 151.4	145.33-		144.39	144.34		146.70- 107.2	145.19- 107.2	
JACO	146.4	146.94- 88.5	146.55	147.51	147.52	147.53	147.54	147.55	147.56	147.57	147.58	147.59	145.76	145.73	145.71	146.97-	147.27+		144.39	144.34	146.97-	146.70- 107.2	145.19- 107.2	
RACO	146.4	146.94- 88.5	146.56	147.41	147.42	147.43	147.44	147.45	147.46	147.47	147.48	147.49	145.76		145.73	146.79- 107.2	147.33+		144.39	144.34		146.70- 107.2	145.19- 107.2	
CLACO	146.4	146.94- 88.5	146.57	147.51	147.52	147.53	147.54	147.55	147.56	147.57	147.58	147.59	145.76		145.73	146.79- 107.2	147.33+		144.39	144.34	146.79- 107.2	146.70- 107.2	145.19- 107.2	
PLACO	146.4	146.94- 88.5	146.58	147.41	147.42	147.43	147.44	147.45	147.46	147.47	147.48	147.49	145.76		145.73	146.79- 107.2	147.33+		144.39	144.34	147.33+	146.70- 107.2	145.19- 107.2	
CASCO	146.4	146.94- 88.5	146.59	147.57	146.58	146.43											147.12+ 151.4	146.865-151.4		144.39	144.34	147.12+151.4	146.70- 107.2	145.19- 107.2	
KCHEART	146.4	146.94- 88.5	147.4	146.41	146.42	146.43	146.44	146.45	146.46	146.47	146.48	146.49	145.76		145.73	146.82- 151.4			144.39	144.34		146.70- 107.2	145.19- 107.2	

UHF	Metro		County	1	2	3	4	5	6	7	8	9	Digi 1	Digi 2	Digi 3	Repeater1	Repeater2	Rpt3	APRS	APRS2	Skywarn	SkyRegional
WYCO	446.4	442.55+ 151.4	446.5	446.11	446.12	446.13	446.14	446.15	446.16	446.17	446.18	446.19							446.175	441.175		
JOCO	446.4	442.55+ 151.4	446.51	446.21	446.22	446.23	446.24	446.25	446.26	446.27	446.28	446.29				444.25+ 88.5	442.2+ 151.4		446.175	441.175		
LVCO	446.4	442.55+ 151.4	446.53	446.31	446.32	446.33	446.34	446.35	446.36	446.37	446.38	446.39				444.8+	442.35+ 107.2		446.175	441.175		442.35+ 107.2
MICO	446.4	442.55+ 151.4	446.54	446.41	446.42	446.43	446.44	446.45	446.46	446.47	446.48	446.49							446.175	441.175		
JACO	446.4	442.55+ 151.4	446.55	446.11	446.12	446.13	446.14	446.15	446.16	446.17	446.18	446.19				443.175+	443.25+ 131.8		446.175	441.175		
RACO	446.4	442.55+ 151.4	446.56	446.61	446.62	446.63	446.64	446.65	446.66	446.67	446.68	446.69							446.175	441.175		
CLACO	446.4	442.55+ 151.4	446.57	446.71	446.72	446.73	446.74	446.75	446.76	446.77	446.78	446.79							446.175	441.175		
PLACO	446.4	442.55+ 151.4	446.58	446.81	446.82	446.83	446.84	446.85	446.86	446.87	446.88	446.89							446.175	441.175		
CASCO	446.4	442.55+ 151.4	446.59																	446.175	441.175		
KCHEART	446.4	442.55+ 151.4	446.47	446.91	446.92	446.93	446.94	446.95	446.96	446.97	446.98	446.99				443.5+ 151.4	442.325+ 151.4		446.175	441.175		

HF	Metro	KS	KS	KS	MO	MO	MO																		Winlink
WYCO		7.24																							
JOCO																									
LVCO																									
MICO																									
JACO					3.963	3.585	3.5835																		
RACO																									
CLACO					3.963	3.9805																			
PLACO					3.963	7.263																			
CASCO																									
KCHEART																									
RACES	3.94	7.24	14.255	21.275																					5/1/2017

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APPENDIX D: EXERCISE SCENARIO – LOCAL JURISDICTION

Scenario

[Insert the detailed exercise scenario narrative or scenario ground truth for the local jurisdiction, including scenario information across all venues and functions. This should establish a common understanding of the scenario for all controllers and evaluators.]

Major Events/Additional Objectives

[Venue Name]

- [Insert a list of major exercise events at each venue, including both simulated scenario events and important expected player actions.]
- [Insert event description.]
- [Insert event description.]

[Venue Name]

- [Insert a list of major exercise events at each venue, including both simulated scenario events and important expected player actions.]
- [Insert event description.]
- [Insert event description.]

[Venue Name]

- [Insert a list of major exercise events at each venue, including both simulated scenario events and important expected player actions.]
- [Insert event description.]
- [Insert event description.]

APPENDIX E: EXERCISE SITE MAPS

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APPENDIX F: ACRONYMS

Acronym	Term
AAR	After Action Report
APRS	Automatic Position Reporting System
ARES	Amateur Radio Emergency Service
BYRG	Back Yard Repeater Group
EEG	Exercise Evaluation Guide
EOC	Emergency Operation Center
EndEx	End Exercise
ExPlan	Exercise Plan
FEMA	Federal Emergency Management Agency
HazMat	Hazardous Materials
HF	High Frequency
HSEEP	Homeland Security Exercise and Evaluation Program
IP	Improvement Plan
KC	Kansas City
KCHEART	Kansas City Hospital Emergency Amateur Radio Teams
KCVOAD	Kansas City Volunteer Organizations Active in Disasters
KDEM	Kansas Department of Emergency Management
LSB	Lower Side Band
MARC	Mid America Regional Council
MARS	Military Auxiliary Radio System
MECC	Metropolitan Emergency Communications Council
MEMC	Metropolitan Emergency Managers Committee
NCS	Net Control Station
RACES	Radio Amateur Civil Emergency Service
SEMA	State Emergency Management Agency
SET	Simulated Emergency Test
SimCell	Simulation Cell
StartEx	Start Exercise
UHF	Ultra High Frequency
VHF	Very High Frequency
Z	Zulu (universal time coordinated)

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