

HOUSEKEEPING

- Introductions
- Pen/pencil & paper
- Cell phones
- Side conversations
- Questions
- Breaks
- Restrooms
- Class Exercises
- In case of emergency
- No wandering or exploring other areas of the building

FOLLOWING INSTRUCTIONS DUMMIES UNATIONS FOR ADD AND INSTRUCTIONS FOLL KINDS

LEARNING OBJECTIVES

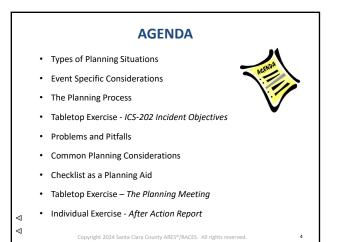
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- At the end of this course, students will be able to:
 - Describe the different types of events
 - Create measurable exercise objectives
 - Describe the planning process and what is different based on the event type
 - Describe how to deal with problems that might be encountered during the planning process
 - Properly complete an ICS-202 Incident Objectives form
 - Explain how to use check lists as a planning aid
 - Create an event plan for a functional area of a drill or public service event

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- Create an After Action Report (AAR)





We deal with many different kinds of situations, incidents, exercises, drills, activations, event, etc.

For the purposes of this presentation we will use the terms "**Exercise**", "**Event**", "**Drill**", or "**Incident**" interchangeably for all of these planning situations.

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Drills, Exer	cises, and Training Events
Usually a fixed operational period	I
Can have long lead time for plan	ning
Interact with City or County gover	rnmental agencies or entities
Can involve the entire event com of communications methods and	munications with multi-combinations resources or just a few of these
 Net Control Field Operations Packet Operations Shadowing Operations 	Amateur Radio Commercial Radios Public Safety Radios Others
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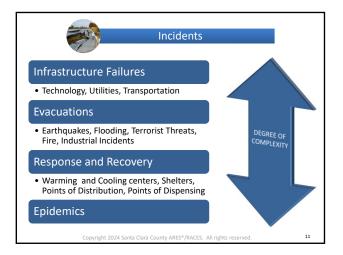






Public Service Events	
Public Service Events	
Usually fixed operational period with long lead time for planning	
Interact with City or County governmental agencies	
• PD, CERT, Fire, Red Cross, Salvation Army, Public and Private Partners	
Can be a small area of responsibility or encompass overall event communications	
Attend the lead organization's planning meetings	
Multiple communications systems or pathways	
Organizers, Public Works, PD, EMS, Public Health	
Can involve multiple types of communications devices	
Amateur Radio (voice and/or Packet), Business radios, Phones – Sat and Landline, VOIP, GPS Tracking devices, Encrypted and Trunked Radios,	
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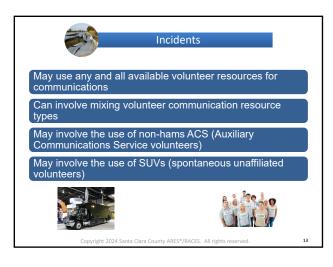








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PLANNING

"Why should I develop a plan? It's just one more thing to go wrong." "If you fail to plan, you are planning to fail"

What is a plan?

A plan defines the means to achieve a set of goals and objectives.

What is planning?

 Planning is the process by which a plan is formulated and documented.

How detailed does a plan need to be?

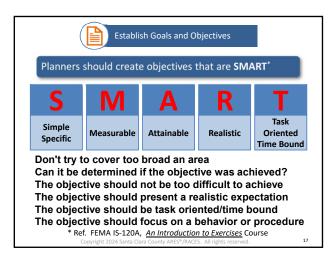
 Must contain sufficient detail that the staff knows what must be done but still follow the KISS principle.



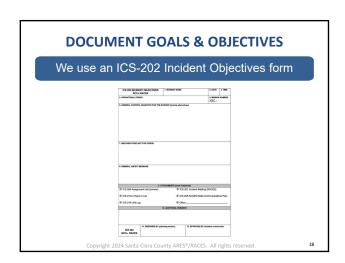


Establish (Goals and Objectives	•000000
Goals relate to your aspir Objectives are your road Limit the number of exerc	Goals and Objectives rations, where do you want to b map, how do you get there. cise objectives to enable timely	
exercise conduct.		
exercise conduct. GOALS	OBJECTIVES	
	OBJECTIVES Detailed statements	
GOALS		
GOALS Broad statements	Detailed statements	
GOALS Broad statements Abstract	Detailed statements Specific and concrete	



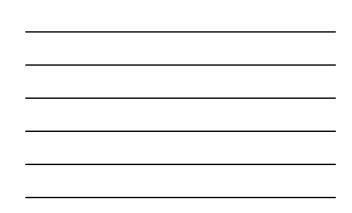


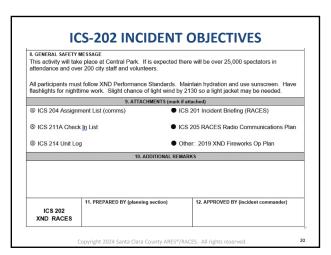






ICS 202 INCIDENT OBJECTIVES XND RACES	1. INCIDENT NAME Xandau Fire Works Event	2. DATE 3. TIME 05/04/19 1000
4. OPERATIONAL PERIOD 07/04/2019 1600-2300	1	5. MISSION NUMBER XND-19-06T
6. GENERAL CONTROL OBJECTIVE FOR THE I	NCIDENT (include alternatives)	·
1		
7. WEATHER FORECAST FOR PERIOD		
7. WEATHER FORECAST FOR PERIOD		







ICS-202 INCIDENT OBJECTIVES

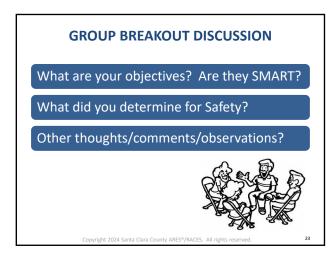
Are these SMART Objectives?

- Send all ICS-213 message forms with 100% accuracy within 3 minutes or less per form.
- Complete all required forms with 96% accuracy by end of shift.
- Meet communication needs of served agency during the operational period to satisfaction of the Incident Commander.
- Net control will conduct H&W checks of all staff every 30 minutes and promptly notify IC of anyone missing.
- Provide all first-time participants with 30 minutes of Packet experience with a mentor sending and receiving ICS-213 forms.
- Notify Medical staff of all aid requests within 2 minutes of receipt.

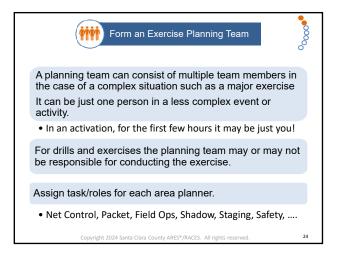
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TABLETOP GROUP ACTIVITY	
Establish a Planning Leader: they are responsible for coordinating you team's efforts. It is suggested it should be someone with experience working events of various types (Type 2 or very experienced Type 3).	r
Develop and document Incident Objectives for the following event.	
 GOAL: Provide communications support for the Mockingbird Heights Mummy Race which takes place from 2000 to 2400 on Halloween. Provide support for participant safety, track all participants, reques any necessary medical aid when needed, provide race officials wit situational awareness. There are 4 checkpoints, a start and finish line, two medical locations, and 7 key race officials. 	
Remember you're only completing the ICS-202 Incident Objectives form at this point, you are <u>not</u> planning the entire event.	
Your finished product will be an ICS-202.	

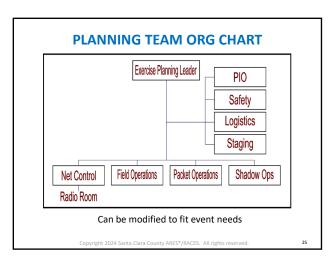
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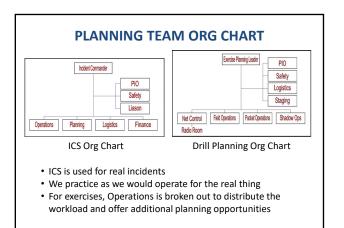
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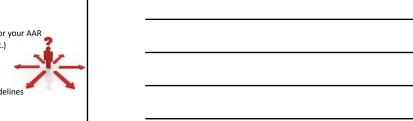


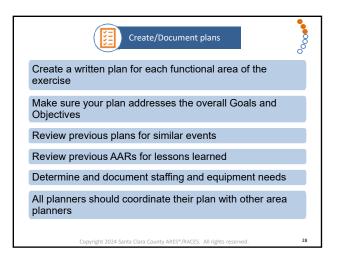




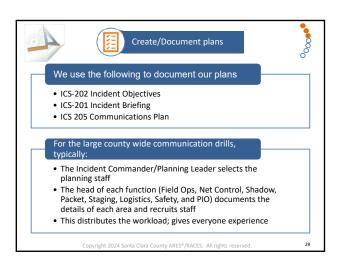
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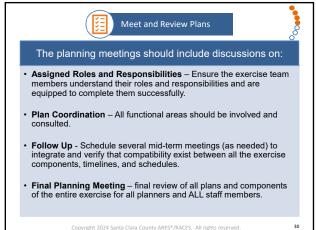






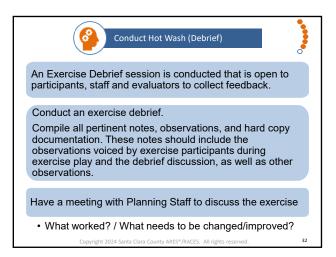


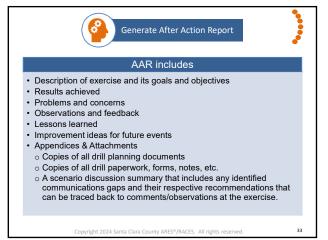




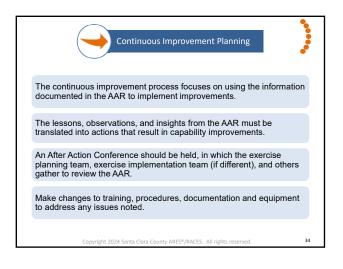
















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PROBLEMS AND PITFALLS DURING EXERCISES

- Confusion about when to ID, and how to use tactical and team calls.
- Decide in advance of the exercise what your tactical calls will be; they should be obvious, like "Xanadu EOC" or "Station 88"
- Not knowing how to program radio
- Not knowing how to exchange 3rd party traffic
- Not using phonetics, or using non-standard ITU phonetics
- Not using "This is drill traffic" when passing traffic during a exercise
- Not keeping a dedicated radio on the team's primary frequency
- Not advising repeater owner or control op before commandeering a repeater
- Staff didn't show up or is late
- Equipment malfunction
- Stuck Mic
- Weather issues
- Other unforeseen events / problems

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PLANNING CONSIDERATIONS COMMON TO MOST ACTIVITIES

- Frequency Selection
- Fundamental Overload
- Intermod
- Antenna Placement
- Transmit Power Selection
- Physical Space, Equipment, Documentation and Staffing

FREQUENCY SELECTION Q • Use simplex for events with people in close proximity Repeater Use repeaters when wider coverage is needed vs. Repeater users can use less power than if they used simplex Simplex Repeaters don't work well if users are near each other – desense • Use 2m and 70cm where dependent on field volunteers • Just about any HT works on 2m; most have a dual-band HT Band • Use 1.25m for packet comms when possible Selection Many EOCs have 220 packet radios Use different bands when close proximity is required Space across the band if possible; perform intermod calculations Frequency Identify backup frequencies in advance Selection You're not the only one on the air: other individuals, events, jammers right 2024 Santa Clara County ARES*/RACES. All rights re 39



FUNDAMENTAL OVERLOAD FOR MORE DETAIL, CONSULT THE ANTENNAS COURSE

What is fundamental overload?

- 1) The effect of a signal at the receiver input that is too strong for the receiver circuits to process properly
- 2) Overload of a radio receiver due to the strength of a transmitted signal's fundamental or intended component • Ham radios w/ wide filters are more susceptible than commercial radios
 - Most cases of interference are due to fundamental overload

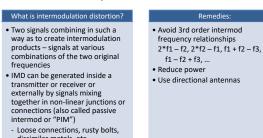
Remedies

- Reduce the power of the transmitter
- Separate the antennas (power is reduced by square of the distance)
- Point antenna(s) in a different direction (if not omnidirectional) Select a frequency that is as far away as possible from offending signal
- Select a frequency in another band
- · Ferrite beads at antenna feed point
- · Ferrite beads on all cables entering and leaving the radio
- Power cable, serial cable, coax ...
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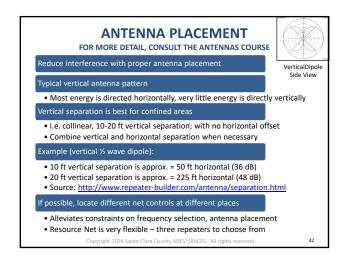
INTERMODULATION DISTORTION FOR MORE DETAIL, CONSULT THE ANTENNAS COURSE

Commonly called "intermod" or "IMD"



dissimilar metals, etc. May be a combination of fundamental and harmonic frequencies

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	TRANSMIT POWER SELECTION
.0-50 wa	tts will de-sense anything nearby
f using re	peaters
	ize local de-sense by minimizing power on voice channels ers usually have very good "ears"; can hear you with less power
f using si	mplex
	se isn't as much a problem on the same channel still cause a problem on adjacent channels
Use the n	ninimum power required (except for packet – hidden node)
	power can help with both fundamental overload and ulation distortion
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PHYSICAL SPACE, EQUIPMENT, DOCUMENTATION, STAFFING Tables, chairs, forms control, paper weights

Shelter from: rain, moisture on paper, wind, noise, sun light, crowds Lighting if working after dark

What quantity and type of message traffic is expected

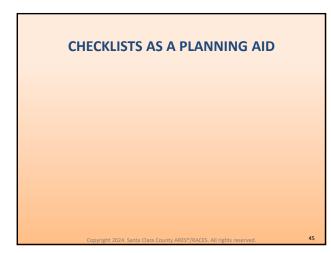
Schedule of operators

Pre-scheduled or On-demand

- Limitations on number of participants at any one time
- Briefing documents for participants

 Purpose/objectives of exercise
- Schedule
- How paperwork will be handled
 Any procedures specific to this event or served agency
- Any procedures specific to this event or served agency
 ICS Forms (205, 211, 213, 214, 309) people will forget to bring

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USE OF CHECKLIST

- What does a checklist do?
 - It supplies a set of checks to ensure the obvious but critical stuff is not overlooked.
 - It ensures that people talk, coordinate and accept responsibility while being left the power to manage the nuances and "unpredictabilities"
 - It reminds us of the minimum necessary steps and makes them explicit.

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- Why is a checklist necessary?
 - It mitigates faulty memory and distractions



COMMON TO ALL AREAS (EXCEPT SHADOWS)

- Power requirements
 - AC power available
 - AC Power Supplies
 - Generators / Batteries
 - Power Distribution
- Tables, chairs, forms control, paper weights
- Forms, T-cards, clipboards, pens, maps
- Shelter from: rain, wind, noise, sun light, crowds
- Lighting if working after dark
- If Credential evaluations are needed or desired (Net Control, Field Ops, Packet, Shadow) work with the evaluators for those areas.

INCIDENT COMMANDER OVERALL EVENT PLANNING

- The IC is responsible for the overall event plan. He/she develops a framework for the exercise and determines the following initial planning considerations:
 - What do I want to get out of the exercise? Goals, Objectives
 - How complex do I want it to be?
 - How long will it go?
 - What do I want to evaluate/test?
 - What is the scenario?
 - Who do I need to help me plan the exercise?
 - Form a Planning Team and conducts planning meetings.
 - Simulation Cell considerations if required
 - Obtain Activation Number (6-8 weeks in advance for SCCo OEM)

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- Will Credential Evaluations be needed? Contact Evaluation Coordinator.

NET CONTROL PLANNING FOR AN EVENT



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- Components of a net control plan
 - Net types / quantity
 - Frequency selection
 - Power level selection
 - Antenna placement
 - NC Operator/Scribe Schedule
 - Personnel requirements/assignments
 - Net control scripts
 - Net control briefing
- Equipment
- Radios, headset, footswitch, audio splitters
- Antennas, masts, cables, coax, connectors, safety markings
- Power available on-site, generators, batteries, solar

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NET CONTROL NET TYPE AND QUANTITY CONSIDERATIONS

Resource Net

- Directed net
- Common for county exercises and many city exercises
- Required for activation under DSW and mutual aid
- For smaller events, consider an informal "talk in" frequency
- Larger nets will probably need an experienced NCO, scribe
- If possible, arrange event so everyone doesn't need to be travelling at the same time
 Doing Domphilization Receives Not with an off site operator free
- Doing Demobilization Resource Net with an off-site operator frees staff to pack-up and depart event venue

NET CONTROL NET TYPE AND QUANTITY CONSIDERATIONS

- Message Net / Field Team nets
 - Directed net
 - Formal traffic: shelters, schools, fire stations, ...
 - How many teams? Messages per team? Time/message? Operator quality?
 - Usually about 4-5 teams max per net based on traffic levels
 - All informal: parades, bike races, checkpoints, rovers
 - How long to gather key data (crowd size, etc.), health & welfare?
 Usually no more than 15-20 per net
 - Mixture
 - Think through traffic types, quantity of messages per team, quantity of teams, health & welfare checks, capability of likely net control operators, availability of net control operators
 - Larger nets will need a scribe
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NET CONTROL NET TYPE AND QUANTITY CONSIDERATIONS

- Shadow Nets
 - Usually works best as an open net with a liaison instead of NCO
 - Most shadows need to talk to another shadow, not to net control
 - Traffic is almost always informal (usually no forms-based traffic)
 - Try to stay with one shadow net whenever possible
 - Shadows are highly mobile/portable
 - Radio is in pouch, backpack, vest, etc.; difficult to switch frequencies
 - HT output is mono; difficult to tell which frequency is in use
 Working two frequencies usually only possible with 2 HTs; 2 earbuds
 - Open net performance is dependent on everyone on net
 - Consider: who the operators will be; how "chatty" the principals are; number of shadows; number of expected messages per shadow; ...
 - If you need more than one net, divide according to traffic clusters
 Coography functional area atc
 - Geography, functional area, etc.

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NET CONTROL NET TYPES AND QUANTITY CONSIDERATIONS

Command Net

- For event staff to communicate with each other
- Large events can benefit greatly; some medium events, too
- Typically operated as an open net (may or may not have NCO)
- Packet Nets
 - May use existing county BBS frequencies
 - May use separate training BBS and non-SCCo frequencies
 - Can greatly reduce the traffic level on message nets
 - Encourage use, especially when formal message traffic is needed
- Staging nets and other tactical nets
 Where and when needed
- Can be quite large, but relatively simple check-in/out; H&W
- Create the ICS-205 Communications Plan
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	NET CONTROL ICS 205 – COMMUNICATIONS PLAN								
COMM SCCo	UNICATIONS PLAN	1. Incident Name/Location Countywide RACE	S/CERT Exercise, M	offett Field	2 Activation XSC-18		3. Operation From Date From Time	: 10/2	
4. Comm	Function	Call Sign and/or	Assignment	Rx Emg_N / W	Rx Tone	Tx Ereq_N/W	Tx Tone	Mode	Remarks
U.L.	Emergency	Sys / Net / Čh / TG Name 9-1-1	All event staff and participants	Telephone	or NAC	or+/-/S Telephone	or NAC	M	For actual emergencies, first call 9 1-1. Then report the situation to Net Control, prefacing your message with "THIS IS NOT A DRUL."
	Resource	AA6BT Resource Net Primary	RACES resources traveling to or from the drill site	146.115 W		•	100.0	۸	Directed Not, Link to NENAC, Link repeaters at 0000, Unlink after finished tracking departing resources (~1600). Prequency open to non-participant use during low resource net utilization.
	Resource	W6ASH (UHF) Resource Net North	RACES resources traveling to or from the drill site	440.800 W		÷	100.0	A	Link to AA68T
	Resource	N6NAC Resource Net South	RACES resources traveling to or from the drill site	444.625 W		٠	110.9	A	Linked from AA68T
•	Function	– primary f	unction		-				
•		and/or Net				name c	of the	ne	t
•	Assignme	ent – brief d	escription o	of how u	sed				
•		narrow / wi		e, Tx Fre	eq (N/	′W), Tx 1	Tone		
•	Mode – <u>A</u>	<u>A</u> nalog, <u>D</u> igi	tal, <u>M</u> ixed						
•	Remarks	 important 	t comments	for imp	leme	ntation			
•	Plan for b	oackup freq	uencies in c	ase of fa	ilure	, jammir	ng, ov	/erl	oad,
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NET CONTROL SCHEDULING CONSIDERATIONS



- Resource Net

 Beginning of event
 - Start net from home; hand-off net to on-site operator as soon as net control station is up and running at event
 - During event
 - · May run as open net; may have peak usage during shift changes
 - End of event
 - Start net from event; hand off to off-site operator as soon as possible so you can pack up and leave the event location
- Staging Net (or event tactical net)
 - Ready to go prior to arrival of first participants
- Runs until last participant leaves
- Field nets; shadow nets
 - Ready to go prior to first assignment
 - Runs until last assignment is completed
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NET CONTROL SCHEDULING CONSIDERATIONS



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Operator capability

- Drills are an excellent time to learn, but you can frustrate people and discourage participation if the nets aren't run efficiently
- Public service events are a chance to showcase our talents; you can create a public image problem if nets aren't run well
- Consider pairing experienced with inexperienced for "elmering"
- Shift overlap
 - Typically plan for 30 minute overlap in shifts
 - Usually covers relief briefings, snags at staging, paperwork, etc.
- Expect things to go wrong
 - It's an unfortunate reality that not everyone will honor their commitment to be there on time (or even be there at all!)

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NET CONTROL SCHEDULING CONSIDERATIONS



- For training events such as drills
- Rotate staff on a regular basis
- Shorter shifts can accommodate more training/eval opportunities
 Minimum shift recommendation: 1 hr
- Create net control schedule for the whole event, including Resource Net before and after the event
- Make all other schedules subservient to the net control schedule
 No one can miss their net control assignment or else all activities for that net are impacted
- Demobilization
 - Allow for possibility of event running faster/slower than expected

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NET CONTROL FINALIZING THE PLAN



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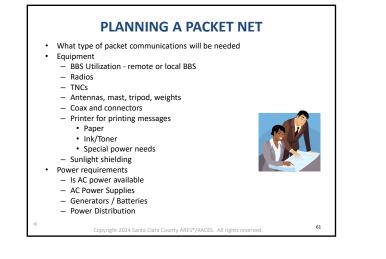
- Personnel requirements/assignments
 - Net control and scribe for each shift
 - Back-up/waiting list in case of no-shows
 - Pre-assign first and last shift pre-assign all shifts if possible.
- Net control script contents
 - Introduction, check-ins, instructions, regular announcements/ID, health and welfare, check-out/hand-off, closing
- Briefing
 - Purpose/objectives of net
 - Schedule
 - Net control script
 - How paperwork will be handled
 - Any procedures specific to this net or event or served agency

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PACKET SPECIFIC FREQUENCY AND POWER LEVEL SELECTION

- Frequency Selection
 - BBS network has 144, 220, and 440 frequencies
 - 144 most common
 - 220 less chance of interfering with voice
 - Not heavily used by most packet users
 - Driven by most accessible BBS node
 - Have a backup frequency plan and define conditions for
 - switching
 - There may be intermod!
 - There may be intentional interference
- Power Selection
 - You need to have a strong signal so others can hear you
 - But 25-50 watts will de-sense anything near by
 - Coordination with voice nets is needed
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PACKET OTHER CONSIDERATIONS



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- Try to balance packet message load among the BBS nodes
 May want to add a backup node (W5XSC-1) for practice
- Have a clear understanding of the message flow between packet stations
- Have a clear understanding of the paper flow for each packet station
- Packet operators will also be on a voice net for H&W checks
 Select a voice net and alternative for all packet operators

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PACKET OTHER CONSIDERATIONS



- Personnel requirements/assignments
 Packet Operator for each shift
 - Back-up/waiting list in case of no-shows
 - Pre-assign first and last shift
- Predetermined message contents
 - Introduction, check-ins, instructions, regular announcements/ID, health and welfare, check-out/handoff, closing
 - Event Notices (bulletins)

FIELD OPERATIONS PLANNING

- What type of field communications will be needed
 Fixed location
 - Mobile in vehicle
 - Mobile on foot or bicycle
- How many Nets coordinate with Net Control Planner
- What quantity and nature of message traffic is expected
- Messages per hour
- Informal vs Formal messages
- How many people assigned per net based on traffic levels
- Weather Considerations
- Equipment provided by operators or pre-staged?
- Radios
- Headset, footswitch, audio splitters
- Antennas, masts, cables, safety markings
- Coax and connectors
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FIELD OPERATIONS PLANNING

- Schedule of operators
 - Pre-scheduled
 - On demand
 - Limitations on number of participants at any one time
- Briefing documents for participants
 - Purpose/objectives of event
 - Schedule
 - Any procedures specific to this event or served agency
- Credential Evals should be coordinated with Evaluation Coordinator

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SHADOW PLANNING



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- What is expected shift length
- Who can use or might need a Shadow
- Determine potential traffic levels for Principals
- Determine how mobile the Principal will be (fixed vs highly mobile)
- Environment/Weather considerations
- Determine staffing needs
 - Assign Shadows to Principals based on expected traffic levels and the Shadows ability/experience/fitness
 - Shadow Equipment
 - Power requirements for shift
 - Is the demeanor/personality of shadow and principal a good match
 - Are the duties of the Principal compatible with the Shadow

(dressing rooms, medical issues, etc.)

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SHADOW PLANNING

- Frequency selection coordinate with NC and other event planners
 Simplex or Repeater
 - Is a Crossband repeater needed
- Plans to deal with Stuck Mic or Jammers
- Publish list of Tactical Calls for all Shadows
 - (IE: Pete's Shadow, IC's Shadow, Police Liaison, etc.)
- Include Principals name and assigned Tactical Call
- Create Briefing Document for Shadows
- Determine if Credential Evaluations will be needed/offered
 - Assign Shadows being evaluated to appropriate traffic level positions

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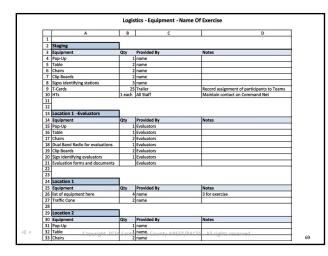
- Coordinate with Credential Evaluator
- Conduct briefing, answer any questions
- Plan for relief operators
- \prec +

LOGISTICS PLANNING

- Determine equipment needs from each planner and IC
- Develop list of what is available and who will supply it even if a planner will provide it for their own area of responsibility
- Seek out items still needed and arrange to borrow/obtain them prior to the event
- Use a Spread Sheet to document all equipment needs and who will provide each item

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- Share list with IC and all planners
- Determine how to locate/provide items still needed





SAFETY PLANNING

- Prepare Safety Briefing to be included in participant packet at Staging
- Obtain or verify supplies
 - Caution Tape and Flagging Tape
 - Traffic Cones
 - First Aid Kit
 - Fire Extinguisher for each generator within 25'
 - Pan under generator needed to catch fuel/oil spills - Map of venue showing key locations
- Identify Safety Issues and mark
 - $_{\scriptscriptstyle -}$ $\,$ Trip hazards cones at end of tripod legs and end of guy lines/ropes

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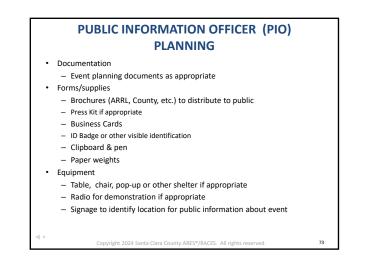
- Overhead and eye level obstructions tie caution tape flags - RF fields – RF exposure evaluation – FCC Form 610
- Power distribution/electrocution
- Contact for 911, local phone numbers for Fire & PD

SAFETY PLANNING

- Other Site Issues
 - Vehicles / Trailers: Wheels chocked
 - Storage bins/supplies: Keep out of public walkways
 - Maintain clear walkways for public
 - Antennas away from power lines
- Personal Safety Make part of safety briefing
 - Stay hydrated (Note: Coffee is not a substitute for water)
 - Use sun protection
 - Weather related issues hypothermia, heat exhaustion, etc.
 - Participants wearing specified Safety Vests
 - Is other safety gear needed--how to obtain, issue, track
 - Report any unsafe condition or activity to IC or Safety Officer
 - Document procedures for reporting a real emergency

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	STAGING PLANNING
•	Documentation
	 DSW List
	 Event Sign-up/position lists
	 Event planning documents as appropriate from area planners
	 Participant materials (one for each participant including staff)
	• ICS-205
	 Safety Briefing (2 copies, one copy to be signed and returned to Staging)
	 Map of event location/facilities if appropriate
	 Any briefing documents based on scenario ISC-201, ISC-202
•	Forms/supplies
	- ICS-211
	 ICS-214 (In case participants forget to bring one)
	 T-Cards (include instruction on how to fill it out)
	 Clipboards & pens
	 File Folders
	 Paper weights
•	Equipment
	 Tables and chairs
	 Pop-up or other shelter
	 Radio, antenna, power, headphone, etc. if the staging net will be run from the Staging location
	 Signage to identify Staging Location



TYPE 1 CREDENTIALS F1, N1, P1, S1

- In addition to the training and participation requirements:
 Operator skill: Plan, design, and set-up information flow and communications support for an approved county drill, event or incident. Must be approved by Credential Program Manager.
- Give it a try
- Join the staff for the next county wide communications drill!
 - Take on a planning role with your city







TABLETOP EXERCISE THE PLANNING MEETING

- Return to previous team
 Planning Leader (PL) (Same as previous unless there is a good reason to change)
 Recruit and assign planners to each role
 Area Planners
 Net Control Planner
 Packet Planner
 Field Ops Planner
 Shadow Planner
 (Area Shadow Planner)

 - Logistics Planner (Assign if only enough people are on your team to staff this position) Staging Planner (Assign if only enough people are on your team to staff this position) Safety Planner (Assign if only enough people are on your team to staff this position) PIO Planner (Assign if only enough people are on your team to staff this position)
- ALL: Use handout Drill Planning Task Checklists PL: Review ICS-202 Incident Objectives with the planning team (<5 Minutes) Area Planners: coordinate plans with other planners (overview only)
- Area Planners: (15 minutes) Create a quick <u>overview</u> for your planning area to include staff and equipment needs and summarize your initial thoughts. Ask questions of other planners as needed
- PL: Complete an ICS-201 as if you were preparing for a participant briefing
- PL: Answer questions and provide guidance to your planning team
- The instruction of provide generate to your paining term The instructor will be your simulated 'served Agency Representative' for any questions PL: Conduct a planning meeting to share ideas/plans with the planning team and discuss. Rework ideas/plans.based on meeting
- PL: Be prepared to summarize and explain the teams plans .

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GROUP BREAKOUT DISCUSSION ANSWER THE FOLLOWING

- 1. What type and quantity of staff do you need? Explain your reasoning.
- 2. How many and what type of nets do you need?
- What are your equipment considerations/needs? 3.
- How will you send medical requests? 4.
- 5. How will you send dropped out runner information?
- 6. What safety concerns were raised?
- 7. What other major issues/concerns were noted?
- 8. Other comments, thoughts, or questions?



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AFTER ACTION REPORT - HOMEWORK

Create an After-Action Report for your exercise

Base your AAR on the plans your created today. Think about how this type of event may unfold and if your plans cover all aspect of what could happened at the event. If you think the plans are lacking then note that.

- Your AAR is for your planning area only, not the entire event.
- . Use the AAR template provided.
- Complete all fields as if this event actually happened.
- Include all relevant fields
- Description of exercise and its goals and objectives (on ICS-202)
- Results achieved
- Problems and concerns - Observations and feedback
- Lessons learned
- Improvement ideas for future classes/tabletop exercises
- Like all documents Make it Legible someone else needs to read it.

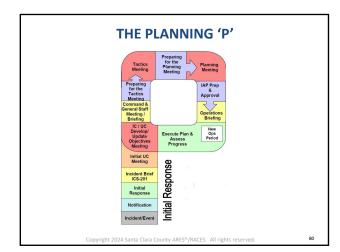
IN SUMMARY

- Keep your goals and objectives measurable and attainable in the allotted time.
- Don't over complicate your planning.
- The best laid plans can go sideways in an instant.
- Nothing ever goes as planned.
- You will have challenges that you need to address on the fly
- Gather feedback at the end of an exercise or incident.
- Make sure you do an AAR. Required for County Mutual Aid Events.
- Make the corrections and improvements as soon as possible.
- Your follow-on exercise should proof your changes and improvements and build on the skill levels of your participants.

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 Be open to ALL creative solutions and resources (staffing and equipment) that present themselves.

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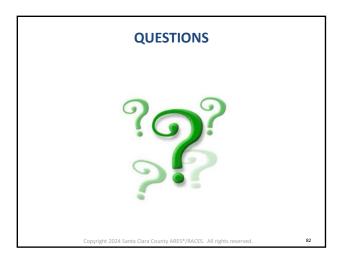
REVIEW LEARNING OBJECTIVES

- At the end of this course, students will be able to:
 - Describe the different types of events
 - Create measurable exercise objectives
 - Describe the planning process and what is different based on the event type
 - Describe how to deal with problems that might be encountered during the planning process
 - Properly complete an ICS-202 Incident Objectives form
 - Explain how to use check lists as a planning aid

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- Create an event plan for a functional area of a drill or public service event
- Create an After Action Report (AAR)

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THANK YOU!

Please email your <u>After-Action Report</u> to instructor within 7 days. Use Subject: AAR Planning Class 2024

If you have questions or feedback about this or other training activities, you can join our Training discussion group. <u>https://scc-ares-races.groups.io/g/training</u> This is a moderated group.

If you would like to help plan the next County Wide Drill contact me: ke6tim@arrl.net

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Final Assignment

Please complete the course evaluation within one-week.

To get course credit you need to:

- A) Attend at least 90% of the class
- B) Participate in class tabletop discussion and planning
- C) Complete and turn in the After-Action Report
- D) Complete the on-line class evaluation

If you do these, you will get credit for the course.

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