



Go Kit

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Agenda

What is a Go Kit?

What am I doing?

What is Ares?

Field Operation

Net Control Operation

Packet Radio Operation

Shadow Operation



Go Kit

An easily available grouping of equipment and supplies used for facilitating communications for a predefined period. Typical 2hour or 12hour configurations for a predetermined type of communication.

What am I doing?

THERE ARE GENERALLY TWO TYPES OF ACTIONS NEEDED – NONCRITICAL AND CRITICAL

- Traditional ham radio public service activities are noncritical – parade support, bicycle races, marathon, boy scout events – the ham radio community supports events that enhance our lives and practice what to do in a critical event
- Critical event (earthquake, wildfire, tornado, flood) – the ability to successfully respond to a government agency's request for communications assistance to mitigate the effects of the event in a timely manner, Ares/Races organizations typically coordinate the response with the local government agency.

Ares

ARES SUPPORT'S A SERVED AGENCY – ACTIVATED BY
ARRL OFFICIAL (EMERGENCY COORDINATOR)

- Mission is to coordinate and support communications by using trained well-equipped and vetted volunteers to address served agency needs successfully
- Santa Clara county has a training program to provide a predefined command and control structure, procedural and technical knowledge, develop skills with volunteer's equipment and opportunities to put to practice effective communications – most other local jurisdiction's have similar programs.

Field Operation “Go Kit”

An easily available grouping of equipment and supplies used for facilitating field communications for a predefined period. Typical 2hour or 12hour configurations for a predetermined type of communication.

2-hour Field “GoKit”

Dual Band HT with 2 to 3 hours of operation
battery with mag-mount antenna or window
mount antenna, served agency frequency list
(preferably preprogrammed into radio), Modified
Mercalli (Mike-Mike) scale, note pad and pens.
Usually used in Level I information gathering after
an unforeseen event (earthquake) or activation of a
resource net to locate potential volunteers ready
to be deployed.

Can also use FRS/GMRS radios to gather damage
assessments from your neighbors prior to being
deployed (activation.) – Typically, a CERT function.

12hour Field “Go Kit”

Dual Band HT or mobile radio with 12 hours of operation battery (3000mAmphr for HT / 26Ahr for mobile) with mag-mount antenna or window mount antenna and high gain HT antenna, safety vest, closed toe shoes, long pants, Hat, Jacket / Rain gear, served agency frequency list (preferably preprogrammed into radio), Modified Mercalli (Mike-Mike) scale, note pad, pens, clip board, money, watch, radio manual or cheat sheet, headset, power cord adapters (power pole, cigarette lighter socket, battery terminals), spare fuses, coax adapters, minimum 25ft coax cable (with connectors), appropriate clothing for environment (hot cold wet), head lamp (dark), water, cell phone (with charger), emergency phone numbers for served agency, maps of county roads, Compass or GPS, food, water and sanitation for 12 hours.

Net Control Operation “Go Kit”

A grouping of equipment and supplies used for facilitating net control communications for a predefined period. Use 12hour configurations for a predetermined type of communication typically co-located with a served agency office. Use 2hour configuration for Level 1 information gathering or start of resource net to locate volunteers for deployment.

2-hour Net Control “GoKit”

Dual Band HT with 2 to 3 hours of operation battery with mag-mount antenna or window mount antenna, served agency frequency list (preferably preprogrammed into radio), Modified Mercalli (Mike-Mike) scale, note pad and pens. Usually used in Level I information gathering after an unforeseen event (earthquake) or activation of a resource net to locate potential volunteers ready to be deployed.

12hr Net Control “Go Kit”

Dual Band HT and Dual Band mobile radio with dual receive with 12 hours of operation battery (3000mAh for HT / 26Ahr for mobile) with 30ft push up antenna and high gain HT antenna, safety vest, closed toe shoes, long pants, Hat, Jacket / Rain gear, served agency frequency list (preferably preprogrammed into radio), Modified Mercalli (Mike-Mike) scale, note pad, pens, clip board, money, watch, radio manual or cheat sheet, headset, power cord adapters (power pole, cigarette lighter socket, battery terminals), spare fuses, coax adapters, minimum 50ft coax cable (with connectors), appropriate clothing for environment (hot cold wet), head lamp (dark), water, cell phone (with charger), emergency phone numbers for served agency, maps of county roads, Compass or GPS, food, water and sanitation for 12 hours, pop up tent, chairs, table, Signs “Radio Communications”, ICS forms.

Packet Radio Operation “Go Kit”

A grouping of equipment and supplies used for facilitating semi automated communications that creates a paper trail for a predefined period. Use 12hour configurations for a predetermined type of communication typically co-located with a served facility.

12hr Packet Radio “Go Kit”

Dual Band HT and mobile radio with 12 hours of operation battery (3000mAmphr for HT / 26Ahr for mobile) with 30ft push up antenna and high gain HT antenna, gas or propane powered generator, TNC and associated interconnection cables, computer system with Outpost installed and ability to connect power from generator, computer printer with extra paper and ink, safety vest, closed toe shoes, long pants, Hat, Jacket / Rain gear, served agency frequency list (preferably preprogrammed into radio), note pad, pens, clip board, money, watch, radio manual or cheat sheet, headset, power cord adapters (power pole, cigarette lighter socket, battery terminals), spare fuses, coax adapters, minimum 50ft coax cable (with connectors), appropriate clothing for environment (hot cold wet), head lamp (dark), water, cell phone (with charger), emergency phone numbers for served agency, maps of county roads, Compass or GPS, food, water and sanitation for 12 hours, pop up tent, chairs, table, Signs “Radio Communications”, ICS forms.

Shadow Radio Operation “Go Kit”

A grouping of equipment and supplies used for facilitating shadow radio operation for a principal to support an ongoing activity.

12hour Shadow “Go Kit”

Dual Band HT – dual receive with 12 hours of operation battery (3000mAmphr for HT) with high gain HT antenna, safety vest, comfortable closed toe shoes, long pants, Hat, Jacket / Rain gear, served agency frequency list (preferably preprogrammed into radio), note pad, pens, clip board, ICS forms, money, watch, cheat sheet, headset, appropriate clothing for environment (hot cold wet), head lamp (dark), water, cell phone (with charger), emergency phone numbers for served agency, food and water for 12 hours



More information

Santa Clara county has more information on Go Kits -
https://www.scc-ares-races.org/gokit/SCCo_Go_Kit_rev220429.pdf

Thank You

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