ARES District 4 Net Script

_JANUARY 01, 2019 Rev. __ (net date)
Script Rev 06-22-2018

Good Evening everyone and welcome to the South Texas District 4 ARES net. This is

_**TOM**__ *(name)* _**K5BV**_ *(call)*

_ARES EC FOR SAN PATRICIO AND ARANSAS COUNTIES__
(position e.g. member, AEC, etc. & County)

I will be the Net Control Station for tonight's net. First, if there are any stations with priority or emergency traffic please call _**K5BV**_*(call)* at this time. UN-KEY

*Either say "***nothing heard***" or handle the traffic immediately.*

All hams in all Counties are welcome to check in to this net. You do not need to be an ARES member to participate in this net.

The purpose of ARES, the Amateur Radio Emergency Service, is to furnish emergency communications via amateur radio when regular means of communications fail or become inadequate during an emergency situation. ARES is sponsored by the ARRL, and supported by area radio clubs and individual hams. The only qualifications for ARES are that you possess an amateur radio license and you have a desire to help others. For more information or off-net questions please contact one of the following by email

Mark Dist. 4 EC - ad5ca@arrl.net
Tom EC for Aransas & San Patricio County - - - - - k5bv@arrl.net
Bob Asst EC for Aransas County- - - - - - - - - - - - - kf5cfu@arrl.net
Jim EC for Live Oak County- - - - - - - - - - - - - - - - w5im@arrl.net
Harley EC for Kelberg County - - - - - - - - - - - - - - kg5ayd@arrl.net

The net is currently scheduled monthly for the First Thursday at 8 PM. This is subject to change. We are currently using the 146.820 repeater in Corpus Christi with a (-) MINUS offset and a 107.2 tone.

This net is being conducted for the purpose of providing training and information related to emergency communications; to serve as a forum for discussion; and to foster fellowship among Amateur Radio operators.

Next, are there any operators who would like to make announcement or provide information related to EmComm? This is not general check-in. Please state your call now.

Tonight after Check-In **_KF5CFU_** *(name)* **_BOB_** *(call)* will present tonight's topic **PORTABLE GENERATORS CONVENTIONAL OR INVERTER**.

For Check-In, if the frequency has been clear a second or two key the MIC and s-l-o-w-y give your FCC call sign using ITU phonetics spoken clearly and slowly and UNKEY. Stating your name as well will be appreciated. Writing calls down takes a moment so allow a couple of seconds. Keep checking in and calls will be reviewed for clarifications, errors and missed calls. Please check-in with **_K5BV_** (Call) now.

(note these actions)

- *read each call back,*
- *ask for corrections*
- *ask for additional check-ins*

We will have comments after the tonight's material on **GENERATORS**. Please go ahead **KF5CFU BOB**_. This is **_K5BV_** (call & UN-KEY)
(after handed back)

Thank you **_BOB_** *(presenter name)*.

Before we go down the list for comments if there any late check-ins please provide your call now.

(again note these actions)

- *read each call back,*
- *ask for corrections*

Net Control **_K5BV_** *(your call)* will now go down the list for comments.

- *go down list of check-ins*
- *now have presenter give their comments)*

Final call for check-ins. Additional stations for the net please check-in now with **_K5BV_** *(your call)*.

(again note these actions)

- *read each call back,*
- *ask for corrections*
- *ask for comments*

THIS IS NET. We had XX check-ins tonight. Thank you all for joining the ARES net tonight, and thanks to the repeater owners and maintaineers for the use of these fine repeaters. I am now closing the net and returning these repeaters back to normal amateur radio use. Stations may remain on frequency to make additional QSOs.
Net Control **_K5BV_** *(your call)* Out.

	FCC CALL	NAME	DATE _01-03-2019
01	_____	_____	*(ENTER NET CONTROL)*
02	_____	_____	
03	_____	_____	
04	_____	_____	
05	_____	_____	
06	_____	_____	
07	_____	_____	
08	_____	_____	
09	_____	_____	
10	_____	_____	
11	_____	_____	
12	_____	_____	
13	_____	_____	
14	_____	_____	
15	_____	_____	
16	_____	_____	
17	_____	_____	
18	_____	_____	
19	_____	_____	
20	_____	_____	
21	_____	_____	
22	_____	_____	
23	_____	_____	
24	_____	_____	
25	_____	_____	

Portable Generators Conventional or Inverter?

Price versus performance:

- Home Depot price is $300-$500 for a conventional 3.5 kW generator
- Home Depot price is $600-$1000 for a 3.5 kW inverter generator
- Yamaha price is $1,700 for a 2.5 kW inverter generator

Comparison

Feature	Analysis	Conventional	Inverter
Size and Weight	The compact size, relatively light weight and resulting portability of inverter generators make them the clear winner in this category. Inverter generators are designed from the start to be as small and lightweight as possible, while no such considerations underlie the design of conventional generators.		X
Run Time	Because their design is less size-conscious, conventional generators can allow for bigger fuel tanks, yielding longer run times. That said, inverters make better use of the fuel they have and their run times of 10 hours and up are generally more than adequate for their applications.	X	X

Comparison

Feature	Analysis	Conventional	Inverter
Noise	Many of the newest generations of inverter generators have been designed specifically to keep noise to a minimum with cutting edge mufflers and other sound suppression technology. In addition, they can throttle back under lighter loads, further reducing noise. Conventional designs simply can't compete in this category.		X
Fuel Use	Inverters often use smaller, more efficient engines than conventional generators. In addition, because the engine can adjust the throttle to meet varying loads, they use less fuel.		X

Comparison

Feature	Analysis	Conventional	Inverter
Power Quality	Conventional generators hook their AC alternators directly to the load, without any processing. Inverter generators convert the AC output to DC and back to AC, producing much cleaner and higher-quality power than conventional units.		X
Power Output	Conventional generators vary greatly in their rated wattage, anywhere from 500 up to 50,000 watts and more. Inverter Generators are generally available in 1000 to 4000 watt models.	X	

Comparison

Feature	Analysis	Conventional	Inverter
Design Simplicity	While conventional generators clearly use simpler designs, the question of whether simplicity in design is an important advantage or whether it simply deprives you of some of the benefits offered by newer technologies is really a matter of personal preference.	X	X
Parallel Operation	Some inverter generators can be linked to another identical unit to double the power capacity. Conventional generators do not offer this option.		X

Comparison

Feature	Analysis	Conventional	Inverter
Price	**This is the category where conventional generators still come out on top without any doubt. While prices on inverter generators have come down substantially, their more complex design and the sophisticated electronics required to make them work keep their price point higher than a similarly rated conventional unit.**	**X**	

What is Your Experience

- What have you used/bought in the past?
- What would you do if you were to buy again?