



# CARS CONNECTION

## CHARLOTTE AMATEUR RADIO SOCIETY

ARRL AFFILIATED



VOL. XXXV ISSUE NO 65 PUNTA GORDA/PORT CHARLOTTE, FL

JULY 2011

**MEETING SCHEDULE: GENERAL MEETING THURSDAY, JULY 14, 7:00 PM,**  
**CARS GNERAL MEETINGS ARE HELD AT THE "H2U" UNIT LOCATED IN FAWCETT MEMORIAL HOSPITAL EXTENSION AT THE PROMENDADES MALL.**

**DIRECTIONS TO THE MEETING SITE AND A PHOTO OF THE LOCATION OF THE H2U UNIT ARE SHOWN BELOW.**

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Roger Weatherly, W3IGM ,575-7169

**Some "Lighter" Stuff**

*"Idealist: don't know where you're going, but you're on your way"*

*"Many lives seem to be on the run: you get up by the clock, eat and sleep by the clock, get up again, go to work—and then you retire.*

*And what do you get ? A clock"*



The "H2U" unit of Fawcett Memorial Hospital is shown circled in red on the left.

The unit is located in the Promenades Mall across from the Royal Palm Retirement Center.

Ample and convenient parking is available.

As usual refreshments will be available.

**July Meeting Program**

Scheduled for the meeting are two videos (compliments of YouTube). The first is titled "Hitler Driven crazy By Ham Radio" an entertaining video.

Second, and major video, is "Truth Revealed About Ham Radio".

This video is very critical of Amateur Radio and will invoke some serious discussion. Both videos were produced and posted on YouTube by Burton E. Fisher, K1OIK. They are two of many videos he has so posted. I have viewed several other videos posted by K1OIK all critical of Amateur Radio in way or another.

For a future meeting I have also downloaded a rebuttal video titled "Re: Truth Revealed about Ham Radio" posted by a young British Ham.

**NOTE: IF YOU HAVE NOT RENEWED YOUR CARS MEMBERSHIP THIS WILL BE THE FINAL ISSUE OF THE CARS CONNECTION YOU WILL RECEIVE. A MEMBERSHIP FORM IS PROVIDED ON PAGE 4—PLEASE RECONSIDER CARS MEMBERSHIP—THANK YOU (KB3U)**



**Amateur Radio Quiz: Hip, Hooray for the TLAs!** By H. Ward Silver, N0AX n0ax@arrl.net

*You can't hardly do anything in EmComm without encountering a TLA (Three Letter Acronym), or even ones with a few more letters and maybe, dare I hope, a hyphen -- be still my thundering heart. These are invaluable in saving time which is why they are so common -- but only if you know what all T of the L in the A mean! This cursory canter through the cacophony of capitals could check your cognitive communications capacity.*

- 1) Who is the organizational leader of an ARES® team?
  - a. SM
  - b. OES
  - c. EC
  - d. OO
- 2) Who organizes OBS and ORS stations?
  - a. ARES
  - b. RACES
  - c. ARRL
  - d. FCC
- 3) What does the T in NTS stand for?
  - a. Traffic
  - b. Transmission
  - c. Teletype
  - d. Telecommunications
- 4) What's the Q signal for asking if a station has traffic?
  - a. QNI?
  - b. QTC?
  - c. QRS?
  - d. QSN?
- 5) If someone asked you to QSP a message, what are they asking for?
  - a. Break into a QSO
  - b. Leave a net
  - c. Relay a message
  - d. Repeat the message
- 6) Which propagation mode refers to high angle, low-frequency regional communication?
  - a. TE
  - b. Es
  - c. EME
  - d. NVIS

continued next column

Quiz continued

- 7) Which form is most likely to be used at an EOC?
  - a. IRS 1040
  - b. ICS-213
  - c. W-9
  - d. HIPAA
- 8) What does the I in NIMS stand for?
  - a. Imergency
  - b. Immersion
  - c. Instance
  - d. Incident
- 9) What service does an NCS provide?
  - a. Net control
  - b. National communications
  - c. Nighttime coordination
  - d. Normal contacts
- 10) Put the following ARES positions in ascending order of responsibility:
  - a. SEC
  - b. DEC
  - c. AEC
  - d. EC

**Bonus Question:** In "Roger Wilco," what does "Wilco" mean?

**Answers**

- 1) c -- the Emergency Coordinator
  - 2) c -- The ARRL Field Organization manages the appointments in all 71 ARRL sections.
  - 3) a -- The National Traffic System organizes the handling of messages -- called traffic -- by hams.
  - 4) b
  - 5) c
  - 6) d -- NVIS stands for Near Vertical Incidence Skywave and refers to the use of high angle signals below the critical frequency being reflected over a wide region.
  - 7) b -- The ICS-213 General Message Form is widely used.
  - 8) d -- The National Incident Management System is the standard organization employed for emergency response in the United States.
  - 9) a -- NCS stands for Net Control Station.
  - 10) c, d, b, a: Assistant Emergency Coordinator, Emergency Coordinator, District Emergency Coordinator and Section Emergency Coordinator. A DEC is only required in areas with too many teams for a single SEC.
- Bonus Answer: Wilco means "Will Comply" in response to receiving instructions. "Roger Wilco" means "Information received and understood -- will comply."

# Happy Birthday

**July**

Jul	4	KEIM, JACK	KE4IM
Jul	16	DENAM ROBERT W. .	K4RWD
Jul	24	GREGG, MILLARD R.	W4PIT
Jul	24	SPECK, BOB	W4MPJ

**August**

Aug	3	FORBES, JACKALIN	N4XKG
Aug	6	JOHNSON, MARGIE	N4SMJ
Aug	9	JEX, FREDERICK	KB2ZHZ
Aug	22	WALTERS, NASH	W8SEL
Aug	29	WEATHERLY, ROGER	W3IGM
Aug	29	MORSE, DON	W6FFP

**Hamfest/Convention**

08/20/2011 | TARCFest  
 Location: Tampa, FL  
 Type: ARRL Hamfest  
 Sponsor: Tampa Amateur Radio Club  
 Website: <http://www.hamclub.org>

08/20/2011 | FPARC Hamfest  
 Location: Ft. Pierce, FL  
 Type: ARRL Hamfest  
 Sponsor: Fort Pierce Amateur Radio Club

09/17/2011 | Bahia Shrine Amateur Radio Unit  
 Tailgate  
 Location: Orlando, FL  
 Type: ARRL Hamfest  
 Sponsor: Bahia Shrine Amateur Radio Unit  
 Website: <http://www.bahia Shrine.org/~radio/Tailgate.htm>

09/24/2011 | Pasco County Hamfest  
 Location: Odessa, FL  
 Type: ARRL Hamfest  
 Sponsor: Suncoast Amateur Radio Club  
 Website: <http://groups.yahoo.com/group/sarcmail>

10/08/2011 | Florida State Convention  
 (Melbourne Hamfest)  
 Location: Melbourne, FL  
 Type: ARRL Convention  
 Sponsor: Platinum Coast Amateur Radio Socie-

**CARS 2011 MEMBERSHIP APPLICATION**

Note: Other than the name—only enter info that has changed since last renewal.

Check One: Renewal \_\_\_\_\_ Initial \_\_\_\_\_

Last Name: \_\_\_\_\_

First Name: \_\_\_\_\_ Initial: \_\_\_\_\_

Call: \_\_\_\_\_ License Class: \_\_\_\_\_

Phone: \_\_\_\_\_ Birthdate: \_\_\_\_\_

ARRL Member: Yes \_\_\_\_\_ No \_\_\_\_\_

E-Mail \_\_\_\_\_

Home Address (No Change-\_\_):

Street : \_\_\_\_\_

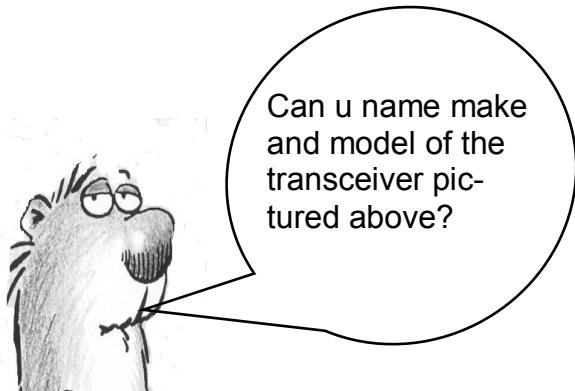
City: \_\_\_\_\_

St \_\_\_\_\_ Zip: \_\_\_\_\_

Dues \$14 \_\_\_\_\_ Family:-\$16 \_\_\_\_\_

Return application at a CARS meeting or mail to:

CARS  
 P.O. BOX 510415  
 Punta Gordo, FL 33951-0415



Can u name make and model of the transceiver pictured above?

### **HINTS ON LIGHTNING PROTECTION FOR THE HOME & HAM SHACK**

1. MAIN AC ELECTRICAL PANEL - INSTALL SURGE PROTECTOR ON INCOMING AC POWER LINES - PURCHASE AT ELECTRICAL SUPPLY HOUSES, HOME DEPOT ETC. APPROX. COST \$25.00.
2. TOWERS - INSTALL ON EACH LEG - 8' to 10' GROUND ROD - CONNECTION BETWEEN TOWER LEG AND GROUND ROD - USE AT LEAST #4 SOLID COPPER WIRE - DO NOT USE BRAIDED CABLE - FOR SINGLE POLE SUPPORT USE 1 GROUND ROD. IT IS RECOMMENDED THAT STAINLESS-STEEL HOSE CLAMPS BE USED TO ATTACH GROUNDING WIRES. USE ANTI-OXIDANT JOINT COMPOUND.
3. COAX CABLES - IT IS DESIRABLE TO GROUND ALL COAX CABLES AND ROTOR CABLE AT THE BASE OF TOWER - FOR COAX CABLE USE INDUSTRIAL COMMUNICATIONS ENGINEERS - GROUNDING BLOCK - APPROX COST \$25.00 MOUNT ON TOWER MOUNTING FIXTURE - APPROX. COST \$25.00 - FOR ROTOR CABLE USE AN INDUSTRIAL COMMUNICATIONS ENGINEERS - MODEL 349 ROTATOR LINE SUPPRESSOR - APPROX. \$45.00 - OR POLYPHASER IS-RCT - APPROX \$55.00, EITHER ONE CAN BE MOUNTED ON THE TOWER MOUNTING FIXTURE WHICH HAS ROOM FOR 2 UNITS.
4. STATION GROUND - IF TOWER IS NOT CLOSE TO HAM SHACK - INSTALL SEPERATE STATION GROUND NEAR HAM SHACK - 8' to 10' GROUND ROD USE AT LEAST #4 COPPER WIRE INTO SHACK. BRAIDED CABLE IS NOT RECOMMENDED FOR OUTSIDE INSTALLATION. CONNECT TO COMMON POINT GROUND INSIDE OF RADIO SHACK, A 1/2" COPPER PIPE MAKES FOR A GOOD COMMON POINT GROUND. CONNECT A BRAID OR STRANDED #10 OR #12 WIRE TO GROUND EACH PIECE OF EQUIPMENT IN THE HAM SHACK.
5. USE LIGHTNING PROTECTION ON EACH COAX CABLES - IF INSTALLED OUTSIDE, USE A WEATHER PROOF BOX OR AS CLOSE AS POSSIBLE AFTER ENTRY INTO THE HAM SHACK, RECOMMENDED IS A DC BLOCKED LIGHTNING PROTECTOR SUCH AS A POLYPHASER OR INDUSTRIAL COMMUNICATION ENGINEERS. USE FOR HF A MODEL FOR HF..FOR VHF/UHF USE A VHF/UHF MODEL. SOME MODELS COVER BOTH BANDS. POLYPHASER'S COST APPROX. \$65.00, I.C.E. COST APPROX. \$50.00. DIRECT DC TYPES ARE NOT RECOMMENDED. ALL MODELS REQUIRE A GROUND CONNECTION TO THE COMMON POINT/STATION GROUND.
6. TERMINATE ALL COAX CABLES - INTO A GROUNDING TYPE ANTENNA SWITCH SUCH AS AN ALPHA DELTA OR MFJ., CONNECT SWITCH TO COMMON POINT GROUND. IF YOU DISCONNECT YOUR ANTENNA/COAX FROM YOUR RADIO, GROUND THE CENTER AND SHIELD TO YOUR STATION GROUND.
7. IT IS DESIRABLE TO RUN A SEPERATE AC CIRCUIT DIRECT FROM THE MAIN AC ENTRANCE PANEL TO THE HAM SHACK - IF THIS IS NOT POSSIBLE USE A AC OUTLET SURGE SUPPRESSOR STRIP THAT IS "MOV" AND PREFERABLE ALSO WITH GAS TUBE PROTECTION. HIGHER NUMBER JOULES RATING ARE BETTER.
8. FOR THE HAM SHACK COMPUTER - USE A AC SURGE SUPPRESSOR- FOR THE TELEPHONE LINE USE A POLYPHASER TYPE IS-SPTL, OR I.C.E. MODEL 340M, COST OF EACH APPROX. \$60.00. BOTH TYPES NEED TO BE GROUNDED.
9. FOR TELEPHONE, CABLE TV AND SATELLITE PROTECTION INDUSTRIAL COMMUNICATION ENGINEERS LTD. HAS LIGHTNING SUPPRESSORS FOR ALL TYPES OF SERVICES, ALL REQUIRE A GROUND CONNECTION.

*This information was provided at the CARS 2003 July meeting by Wyatt "Mac" McDaniel, W8HTD. We are now in the midst of the annual rainy and lightening season—the information is as pertinent now as it was in 2003.*

**The Pioneering Electronic Social Network (Amateur Radio) is Experiencing a Resurgence.**

www.theage.com.au— Digital Life— article by Katie Cincotta—July 7 2011—some photos omitted

WHEN you think of the instant communication at our fingertips thanks to web-enabled mobile devices and the social media explosion of Twitter and Facebook, it's easy to dismiss amateur radio as a dusty relic destined for oblivion.

But the bastions of ham radio believe the century-old form of radio communication is as relevant as ever - it proved invaluable during recent natural disasters in Australia, Japan, China, Pakistan and Haiti.

One amateur radio veteran of more than 50 years, Doug McArthur (whose call-sign is VK3UM), lived through the Black Saturday bushfires, relying on his UHF CB radio to warn neighbours of the approaching flames.

When the mobile phone network was jammed and the fire had damaged landlines, locals flocked to citizen band radio. "UHF CB was certainly a great communication tool during the fires ... we knew where the trouble spots were, which neighbours had stayed and those who had left," he says. "Since that time, about 60 locals have bought UHF CB radios."

McArthur, 69, turned the early days of a hobby into a career in high-powered broadcasting, setting up the first radio telephone system in Alice Springs and working for the International Telecommunication Union to establish communications in the Middle East.

When Cyclone Tracy hit Darwin, he flew up to assess the damage done to phone systems. It was exactly the meltdown he had predicted, with Darwin's telephone exchange unable to withstand a "big blow". An amateur radio operator from the Australian Capital Territories, Bob Hooper, was the first to announce to the world that Darwin had been hit.

McArthur says that even in a society of mobile phones and social media, amateur radio is a critical part of the emergency communication mix. "In a crisis, the mobile phone network will never handle the traffic that's imposed on it." That's why many in the hobby take part in "field days", setting up a radio station in the bush using alternative power sources.

But it's not all serious stuff. Radio hams like to experiment and McArthur's toy is a giant satellite dish built in the US in the 1960s and used to test the radio path across Bass Strait. He bought it from Telstra before it could be sold for scrap metal and erected it on his Glenburn property. Not even a near-fatal stroke stopped him from attempting to reach the moon with his one-tonne dish.

"My neighbour is a welder, so we set to rebuild the frame and control system," he says. "I use it for reflecting signals off the moon, the detection of deep-space signals and astronomical noise sources, which has been a lifetime ambition for me. Only a couple of people in Australia have ever done it."

It might seem a strange pursuit, but the precision and the challenge of the moon bounce thrills this Morse-code expert. "Of all the power that you radiate off your aerial, 98 per cent of it is lost getting to the moon and of what hits the moon, only 0.6 per cent gets reflected, with 98 per cent of that coming back." McArthur Skypes most nights to amateur radio friends in Sweden, the Netherlands, France and Britain but ditched Facebook after a day because he found it to be too impersonal.

Eastern and Mountain District Radio Club president Jack Bramham (VK3WWW) regards amateur radio as the original social network. "Facebook and Twitter are about wanting to know what your friends are up to," he says. "The radio is exactly the same." Bramham has embraced digital technology and broadcasts his Wednesday-night news program (which includes vision) on frequency 446.500 MHz via the Melbourne Amateur Radio Repeater on Mount Dandenong. In his spare time he enjoys ARDF (Amateur Radio Direction Finding), an electronic version of orienteering that's also called radiosport or fox-hunting.

"You're out in the bush with an antenna and a map and you listen for the transmitter signal, which comes on for one minute and then turns off for four minutes. You find it and check it off and move on to the next one."

It might not be everyone's idea of a good time but for Bramham, hitting that elusive target while traipsing through the bush gives him a huge buzz. 'There's a lot of skill involved, especially on VHF and UHF, because you get a lot of reflections. You might think it's in that direction but it's bouncing off a hill over there.'

When Australian astronaut Andy Thomas was on a mission to the Russian Mir space station in 1998, Bramham managed to arrange a time to speak with him during a 10-minute window of opportunity when the space shuttle was just 400 kilometres away from Melbourne. "I asked if he could talk to our radio club and because it was May Day, he had been given the day off," Bramham says. "We had 70 or 80 people in here listening. A lot of the guys will never forget that night."

Wireless Institute of Australia spokesman Jim Linton (VK3PC) says one of the biggest things to happen to amateur radio is the removal of Morse code as a minimum requirement for an operator to obtain a licence. The foundation licence is now simple enough for young children to acquire.

About 20,000 Australians have amateur radio licences, with increasing interest being shown by younger people and women.

"There was virtually no one interested before the arrival of the newest entry level," Linton says. "Now we have more activity on air, increased numbers being assessed and a higher level of club membership." With the higher standard and advanced licences, people can operate on more bands and modes, including digital transmissions online.

Using radios at both ends and the internet as the conduit, it is cheap and easy to make international calls known as IRLP (Internet Radio Linking Project). Maths teacher Edward Seeto (VK3LIP) of the Sherbrooke Community School, which has its own radio club, demonstrates on a hand-held radio, typing in a code on a keypad and accessing a web-enabled local repeater to connect to a user in Dallas, Texas.

"Radio continues to exist because it's integrated the new digital technology, and convergent technology is how it will survive," Seeto says. From an outdoor radio gazebo with its 15-metre-high Nally radio tower, a dozen of his students are learning the ropes from ham radio veterans Randall McDonald (VK3RM) and Jim McNabb (VK3AMN), who volunteer their time on Thursdays and on weekends.

Grade 8 student Monique Golub achieved her foundation licence in grade 6 and now competes in amateur radio challenges such as the 160-metres Trans-Tasman contest, with points scored for contacts made over a six-hour period. "I just love the people you meet and the competitions," the 13-year-old says. "I've spoken to a chef in Texas and an astronaut on the International Space Station.

"I was the first girl in the club and now some of my friends have joined."

Seeto says students have learnt to be resourceful and experimental through building their own equipment, and it has given them a practical understanding of mathematical equations such as Ohm's law. "They're not passive consumers," he says. "They make things like their own antennae from cast-offs. There's quite some maths and dexterity involved. [Amateur radio] is encouraging them to pursue maths and sciences, and providing social interaction."

As a relative newcomer in the past five years, Richard Holmes (VK3TXD) is keen to dispel the amateur radio stereotype of old blokes tinkering in beeping sheds. "I think we have to demystify amateur radio," he says. "You don't have to be a propeller-head to be in it. There are a whole range of personalities that do this, including a few bombastic fools - we've got it all."

He hopes a new generation of young amateur radio operators will find clever ways to evolve the hobby and embrace its global connections. For Holmes, the mystery of contact has always been the real lure. "Amateur radio is a bit like fishing - you never know who's going to come back," he says.

"You twiddle around on the bands and you can hear the world come in."

Read more: <http://www.theage.com.au/digital-life/ham-radio-far-from-over-or-out-20110706-1h135.html#ixzz1Rq0WBoRp>

NAME	CALL	PHONE	ADDRESS	CITY	ST	ZIP
BECK, VERNON	A F4US	764 8985	23514 DA WN A VE	PT CHA RLOTTE	FL	33954
BOLAND, DAVID	W9NWY	637-6049	712 ELISA DRME	PUNTA GORDA ,	FL	33950
CHRISTENSEN, WALTER	KE4SVV	863 494-6	P. O. BOX 202	FORT OGDEN	FL	33842
COWAN, MURRAY	KF4UOO	661-2740	6400 TAYLOR RD LOT B11	PUNTA GORDA	FL	33950
DENMAN, RONERT	K4RWD	639-1393	1344 SAN MATEO DR	PUNTA GORDA	FL	33950
GLASSPOOL, WALTER	KT4MX	764-8075	23355 MULLINS AVE	PT. CHARLOTTE	FL	33954
GOSSER JR, ROBERT P.	W4RPG	575-8925	617 ELLEUTHERA DRIVE	PUNTA GORDA	FL	33950-5
GUTMANN, PEG	KC8HZR	505-9840	2031 MA TECUMBE KEY RD	PUNTA GORDA	FL	33955
GUTMANN, ROBERT	KA8IGY	505-9840	2031 MA TECUMBE KEY RD	PUNTA GORDA	FL	33955
HERMELING, GILBERT	W9UYE	770 232-7	4315 JOHN'S CROOK PKY . BEL	SUWANEE	GA	30024
HINMAN ARTHUR R.	KD3KN	575-9213	24300 AIRPORT RD. #166	PUNTA GORDA	FL	33950
HOPE, JAMES	AA4RV		1215 ELM ST SUITE 131	THREE RIVERS	MI	49094
HOPE, WILMA	KF4EEG		1215 ELM ST SUITE 131	THREE RIVERS	MI	49094
JOHNSON, KEN	KG4KQW	505-2167.	Three River MI 49093	PUNTA GORDA	FL	33955-4
JOHNSON, MARGIE	N4SMJ	255-3970	2500 AA RON ST. RM #206	PT CHARLOTTE	FL	33952-6
KADANSKY, VIRGINIA	KG4NKN	575-1602	1248 SLA SHPINE CIR #114	PUNTA GORDA	FL	33950
KLIMENT, JOSEPH	W3HZM	347-7776	1429 CASEY KEY DR.	PUNTA GORDA	FL	33950
KLIMENT, RUTH	N3RWK	347-7776	1429 CASEY KEY DR.	PUNTA GORDA	FL	33950
LAZAR, DENNIS	W4DNN	380-2234	227 STEBBINS TER SE	PORT CHARLOTTE	FL	33952-9
LAZAR, Ruth	K4KLQ	380-2234	227 STEBBINS TER SE	PORT CHARLOTTE	FL	33952-
LIGGETT, JOHN	KD4SEN	624 0380	250 SPRING LAKE BLVD	PT CHARLOTTE	FL	33952
MC DANIEL, WYATT	W8HTD	575 2197	351 CAPRI ISLES CT	PUNTA GORDA	FL	33950-6
MILLER, BILL	KK2L	624 4436	2120 ELLERY ST	PT CHARLOTTE	FL	33952
MORSE, DON	W6FFP	743-2709	24123 PEACHLAND BLVD C4 P	PT. CHARLOTTE	FL	33954
NA GY, LOUIS E	N1MAH	743 9619	4370 SHA PPELL ST	PT CHA RLOTTE	FL	33948-9
OA KLEY, RAY	KBOUDY	543-2865	8156 PENNY DR.	N. FORT MYERS	FL	33917
PARSONS, JOHN	K3OTY	629-0483	3495 HARBOR BLVD.	PT CHARLOTTE	FL	33952
PETERSON, WENDELL	K0REQ	627 3565	120 DANFORTH DR	PT CHARLOTTE	FL	33980
ROMANOSKY, AL	KB3U	731-5130	10391 CIRCLE PINE RD.	NT. FT. MYERS	FL	33903
SCOTTO, VINCENT	K4VFS	661-3765	23465 HA RBORV IEW RD. #634	PUNTA GORDA	FL	33980
SMITH, ARLENE	WB3DGH	255-1086	21333 Edgew ater De.	PT CHARLOTTE	FL	33952
SMITH, MARION	NJ2G	743 7536	22467 FORTUNE AVE	PT CHARLOTTE	FL	33954
SORENSEN, DON	KB8HS	743 9430	1593 BLUE LAKE CIRCLE	PT CHARLOTTE	FL	33983-5
SORENSEN, GAY	N8JGO	743 9430	1593 BLUE LAKE CIRCLE	PT CHARLOTTE	FL	33983-5
SPECK, BOB	W4MPJ	833 9283	2507 VIA VENETO DRIVE	PUNTA GORDA	FL	33950-6
TEMPLE JULIAN	A4RW	637-9767	26112 STILLWA TER CIRCLE	PUNTA GORDA	FL	33955
WALLKER DENNIS S.	N4YIX		104 SINCLAIR ST SE	PT CHARLOTTE	FL	33952
WEATHERLY, ROGER	W3IGM	575 7169	1447 SEA FAN DR	PUNTA GORDA	FL	33950
ZABORONAK, AL	WB4TEX	629 9108	353 CASALE G ST	PT CHARLOTTE	FL	33983
ZAHNOW, ANN	KD8DTK	734-475-0	49600 BERMONT RD.#275	PUNTA GORDA	FL	33982
ZAHNOW, BOB	KC8RHT	734-475-0	49600 BERMONT RD.#275	PUNTA GORDA	FL	33982
ZWEIG, REINHOLD J	KS4ST	764 0527	4080 HARBOR BLVD	PT CHARLOTTE	FL	33952