



March 2003

# The HARC Spark

The Official Newsletter of the  
Holmesburg Amateur Radio Club  
P.O. Box 6253 Philadelphia, PA 19136  
WM3PEN 146.685 Mhz Repeater  
K3FI CLUB CALLS WM3PEN

Celebrating Our 25<sup>th</sup> year of Serving the Philadelphia Area  
Web Site <http://www.harcnet.org>



Editor: WA3PZO

## VP PREZ SAYS!

2003 is in full swing. Spring is suppose to arrive next month and antenna work and more fox hunting can't be far behind. HARC continues to be involved with many activities. We'll be teaching a new ham class, building antennas, helping out with the March of Dimes Walk-America on April 27<sup>th</sup>, and other public service events. We're planning on having a table at the Warminster Hamfest on May 4 and Field Day isn't that far away on June 28-29.

You may have noticed that the repeater callsign has changed. It is now radiates the club call, WM3PEN. A note of thanks to Rich, WA3AOP, for lending his call to the repeater since it's beginning and his early leadership in getting HARC started.

We're always looking for interesting meeting topics. Are you involved with a particular area of the hobby that you would like to talk about? Speakers volunteer their time and travel because they enjoy talking about their interests, so why not share some of your interests with other club members.

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## *IN THIS ISSUE!*

- ✓ Next Meeting - February 27
- ✓ Election of Officers
- ✓ Delaware Valley Simplex Contest
- ✓ New Ham Classes start March 17th
- ✓ Amateur Radio Spectrum Protection Act

## HOLMESBURG AMATEUR RADIO CLUB MEETING 8PM THURSDAY, FEBRUARY 27 8<sup>TH</sup> DISTRICT POLICE STATION RED LION RD

On February 27<sup>th</sup> we'll be having an antenna building party. Pete, KB3EBG, will teach us how to build 2-Meter beam antennas made out of PVC and metal tape measures. These antennas are flexible enough to use by hand, in the field, or while sitting around the picnic table or on the beach. In addition to building the antennas, some additional kits will be available. Cost will be in the \$15 range.

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## ELECTION OF OFFICERS

Nominations closed February 13<sup>th</sup> for the offices of President, Vice President, Secretary, Treasurer, and one Member-at-Large. N3ZZN was nominated for Secretary and WA3PZO was nominated for Vice President. There being no contested elections the following people were declared elected. President - N3LXN, Vice President - WA3PZO, Secretary - N3ZZN, Treasurer - W3KZA, and Trustee (2005) KB3SM. The new terms of office will start March 1.

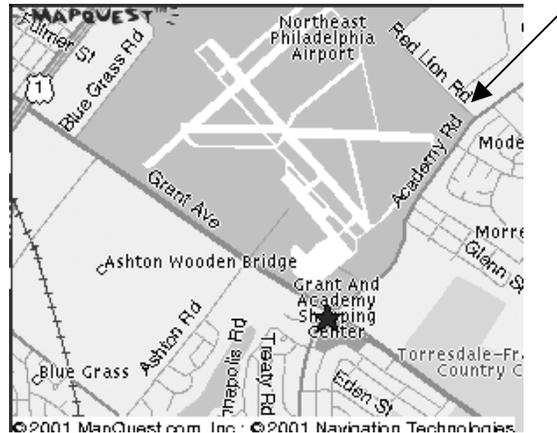
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## NEW PHILA ARES EC

Welcome to Chris McCormick, N3JHR, of Philadelphia. Chris has volunteered to be the Emergency Coordinator for Philadelphia. Chris should be a great addition to the E. Pa. EC's. Chris' experience as a member of the Philadelphia Fire Dept. should give him a good background as he tackles some of the problems of a large metropolitan area. (de WB3FPL, EPA SM)

**H.A.R.C. Board Of Directors 2003**  
**President : N3LXN : Mike Wurgley**  
**Vice Pres: WA3PZO : Bob Josuweit**  
**Treasurer : W3KZA : Sid Kalos**  
**Secretary : N3ZZN: Frank Flanagan**  
**Trustee : KB3SM : Bob Brocklehurst**  
**Trustee : KB3EBG : Peter Santiago**  
**Trustee : K3CJ : Charlye Johnson**  
**Tech Committee : K3RJC : Ron Cardullo**  
**Newsletter Editor : WA3PZO: Bob Josuweit**

**H.A.R.C. Maintains a Web Page @[www.harcnet.org](http://www.harcnet.org)**  
**All members online can be emailed via theircallsign @[harcnet.org](mailto:harcnet.org).** Articles, pictures etc. submitted for the newsletter should be in standard ASCII or MS Word, .jpg or .gif formats and E-mailed to the Editor no later than the 1ST of month to be included in the next edition! **Send info to WA3PZO @ [Harcnet.org](mailto:Harcnet.org)**  
**H.A.R.C. Nets meet on 146.685 weekly**  
**The Chaverim Net: Tuesday @ 9:00 PM**  
**CW Practice: Wednesday @ 7:30 PM**  
**Members net: Wednesday @ 8:00 PM** you can listen to the Amateur Newsline & ARRL audio reports.  
**SSB Net on 28.450 +- mhz Sundays @ 9:00 AM**  
**H.A.R.C. Monthly Meetings - The Board of Directors** meets on the 2nd Thursday @ 8:00 PM. General meetings are held the 3<sup>rd</sup> Thursday @ 8:00 PM.  
**8<sup>th</sup> District Police Station, Red Lion & Academy Rd.**  
**Phila PA EXCEPT AS ANNOUNCED**



**H.A.R.C maintains the 146.685 repeater located @ Univ. of PA., Phila PA with inputs in Abington, N.E. Phila, and Cherry Hill, NJ; More Club Information & Member Applications can be had by contacting any of the Directors via E-mail. [Info@harcnet.org](mailto:Info@harcnet.org), the web page <http://www.harcnet.org> or writing to HARC PO Box 6253, Philadelphia, PA 19136.**



**HARC is an  
ARRL Special Service Club.**

**Area Repeater Coordination Council of EPA/SNJ, Inc.**

# Certificate of Coordination

## WM3PEN REPEATER

This certificate serves as proof that the following repeater has met the qualifications for frequency coordination as set forth by ARCC, Incorporated. This coordination has been approved based on the exact parameters detailed herein. These parameters may not be altered unless an application to modify this coordination has been submitted and approved prior to any such changes being implemented. Any alterations to this operation for which such a coordination modification has not been previously approved will result in termination of this coordination. The coordinated system parameters are as follows:

Transmitter Callsign:	<b>WM3PEN</b>	Ground Elevation:	<b>115' AMSL</b>
Output Frequency:	<b>146.6850 MHz</b>	Center of Radiation:	<b>440' AMSL / 280' HAAT</b>
Input Frequency:	<b>146.0850 MHz</b>	Transmitter Power:	<b>200W TPO / 331W EIRP</b>
Transmitter City:	<b>Philadelphia</b>	Antenna Pattern:	<b>Omnidirectional</b>
Transmitter County:	<b>Philadelphia</b>	Antenna Parameters:	<b>Gain=10.00dBi</b>
Transmitter State:	<b>Pennsylvania</b>	Antenna Polarization:	<b>Vertical</b>
Transmitter Latitude:		Receiver Access Mode:	<b>Carrier Squelch</b>
Transmitter Longitude:		Special Conditions:	

This coordination is issued to Holmesburg Amateur Radio Club (CLUB) and is effective as of February 6, 2003. This coordination is valid for the life of the operation provided it remains in compliance with current ARCC policies, procedures, Constitution, and By-Laws. No other party shall have rights or claims to this coordination. This coordination may not be bought, sold, or transferred, and any such attempted action will result in termination of this coordination.

### WM3PEN On Air

WM3PEN is the new callsign on the 146.685 repeater. The call replaces WA3AOP which had been on the repeater since it's start in 1978.

The repeater location was blocked after notice was received from the California Office of Emergency Services of suspicious inquiries about public safety communications towers.

## 2003 DELAWARE VALLEY FM SIMPLEX CONTEST ANNOUNCED! NEW DATE! - MORE FREQUENCIES!

(Philadelphia, PA) The Holmesburg Amateur Radio Club of Philadelphia is pleased to announce the third annual Delaware Valley FM Simplex Contest to be held March 8, 2003. This year the Contest will include the 440 MHz FM band. With so many people having dual band radios this was a natural progression for the contest. The change in date avoids a conflict with the Delaware QSO Party.

Winners of the 2002 Contest in the Club category: Battleship New Jersey Amateur Radio Society, NJ2BB (High Power); Delaware Valley Radio Association, W2ZQ (Low Power). Individual winners Mary Von Lintig, KV2M (High Power) and Rick Stoneking, W2RDS (Low Power). The Rover award went to Richard Von Lintig, KV2R. Congratulations to all! For a complete list of the results from last year's contest contact WM3PEN@harcnet.org.



The contest is open to all radio amateurs. Stations within a 60 mile radius of Philadelphia's City Hall will exchange their zip code and contact number. Stations outside of the 60 mile radius will exchange their state and contact number. Stations from New York to Maryland will be able to participate in this evening event.

According to HARC President Mike Wurgley, N3LXN, the contest is designed for hams

to have fun over a 4 hour period from 7-11 PM local time on a Saturday night. The contest allows hams to meet their neighbors on the air as well as give many the opportunity to experience something else besides repeater contacts. The 60 mile radius reaches just about all of the county boundaries surrounding Philadelphia. This also opens up an opportunity for approximately 60 clubs to participate in the event. When choosing City Hall as the center of the contest, Wurgley noted the statue of William Penn on top of City Hall. "What better center point for the contest and the sponsoring organization whose club call is WM3PEN."

The contest gives individuals as well as clubs to participate in the event. Bonus points are being allowed for contacting club stations/callsigns. "We realize that everyone will not be able to contact WM3PEN so we're giving clubs a chance to put their club callsign on the air," says Wurgley. "This could be from a club station or an individual's home. We don't know what the weather will be in March, but this

gives everyone the chance to operate from home." There is no advanced registration for Club callsigns with the sponsoring group. This will allow many clubs to make a last minute decision to make their voice heard in the area.

Contacts can be made on any 2 meter or 440 MHz FM voice frequency provided there is no interference to repeater, digital, satellite, or other activities taking place in the two meter or 440 band. Contacts on 146.52 will not be permitted.

Awards will be issued to individual top scores in a high and low power category. Club station awards will also be issued in the high and low power category. There is also an opportunity for Clubs to sponsor awards for their members in a high and low power categories. An award will also be issued for the highest mobile score.

For further information contact  
WM3PEN@harcnet.org

### SAMPLE CONTACT EXCHANGE

1. If you live in the 60 mile radius of William Penn (Philadelphia City Hall)  
KB3AKK de WM3PEN Pse copy Nr.1 zip 19136
2. If you live outside of the 60 mile radius  
WM3PEN de W1AW Pse copy Nr. 1 PA.
3. If you work any club call exchange your information and make a note of the Club name. ALL club calls will be worth 2 points. All other contacts count as 1 point. Final score will be the number of contact points X the number of zip codes or states in high (10W or more) and low power (less than 10W) categories. A state is counted in place of a zip code - not in addition to it. For example if 2 contacts are made: N3LXN 19001 and W3XYZ in PA (more than 60 miles away) the score is 2. Individual, club station, and mobile awards will be issued. Clubs can issue their own membership awards.

A list of zip codes up to 60 miles from Philadelphia's City Hall is available.

ENTRY DEADLINE: All logs, either paper or electronic should be received by April 8, 2003. Logs may be sent to the Holmesburg Amateur Radio Club, PO Box 6253, Philadelphia, PA 19136 or emailed to WM3PEN@harcnet.org.

### **Triband HT to be raffled off**

HARC will be working on filling that candy jar. Starting this month we will be selling chances on an Icom T-90 Triband HT. Tickets will be \$5 each and the drawing will be in March 2003. The proceeds will go towards supporting the Club's Technical Fund. Tickets will be available from Board members and via the mail. If you would like to help sell some tickets contact any board member.



## NEW HAM CLASSES BEGIN MARCH 17th

HARC will be teaching new ham (technician class) classes at Nonprofit Technology Resources, 1524 Brandywine Street, Philadelphia PA 19130. NTR is near Broad and Spring Garden Sts. The classes will run for 10 weeks on Monday nights from 6-9 PM. Cost of the class will be \$30 which includes the **Now Your Talking** text book. Teaching the course will be Frank, N3ZZN. NTR approached WA3PZO at last year's NBC10 Techfest and had a meeting with Bob in December.

NTR provides computer consulting, hands-on training, used computer hardware, and technical support to over 200 nonprofit organizations annually in the Greater Philadelphia region. NTR is the only computer consulting and training organization in the area devoted exclusively to nonprofit organizations and the people they serve. The NTR web site is: <http://www.libertynet.org/ntr/>.

For further info contact N3ZZN@harcnet.org or WA3PZO@harcnet.org.

Following NTR's announcement of the class, HARC was also contacted by the Mt. Airy Learning Tree group. They offer a wide variety of training and have a catalogue mailing list of over 80,000 residents. More information as this develops.

### Proposed PA PRB-1 Legislation Takes Next Step

(ARRL EPA Web site) The PA version of PRB-1 has finally moved from the drawing board to the next step of the process. At the present time The proposed legislation is being presented to a member of the Commonwealth of Pennsylvania Legislature who will act as sponsor of the legislation. Copies of the proposed bill have also been given to ARRL Volunteer Counsel for comments and review. It is entirely possible that the version of the PA PRB-1 legislation that finally enters the legislative process may differ somewhat from the proposed legislation which is presented below. The proposal to this point is the result of a joint effort of K3BHX, WB3FPL (E.Pa.) and N3MSE (W.Pa.).

#### Regulation of Amateur Radio facilities by Local Municipalities

A. Municipal regulations - Any ordinance involving the placement, screening or height of antennas shall reasonably accommodate amateur radio antennas and towers and shall impose the minimum regulation necessary to accomplish the locality's or private land-use regulator's legitimate purpose.  
1. In localities having a population density of 200 persons or less per square mile according to the 2000 United States

census, no local ordinance shall:  
(a.) Restrict amateur radio antenna/tower height to less than 200 feet above ground level as permitted by the Federal Communications Commission or  
(b.) Restrict the number of support structures. 2. In localities having a population density of more than 200 persons per square mile according to the 2000 United States census, no local ordinance shall:  
(a.) Restrict amateur radio antenna height to less than 75 feet above ground level or  
(b.) Restrict the number of support structures.  
(c.) EXCEPTION -- Localities having a population density of more than 200 persons per square mile according to the 2000 United States census, where the property is five (5) or more contiguous acres no local ordinance or private land-use regulation shall  
i. Restrict amateur radio antenna height to less than 100 feet above ground level or  
ii. Restrict the number of support structures.  
3. Reasonable and customary engineering practices shall be followed in the erection of amateur radio antennas. This section shall not preclude any locality or private land-use regulator, by ordinance or regulation, from regulating amateur radio antennas with regard to reasonable requirements relating to the use of screening, setback, placement, and health and safety requirements.

B. Private land-use regulations -- Private Land-use regulators shall reasonably accommodate Amateur Radio antennas.

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### HARC Newsletter Editor On ARRL Public Relations Committee

HARC Newsletter Editor Bob Josuweit, WA3PZO, has been appointed to the 2003 ARRL Public Relations Committee. This will be Josuweit's third year on the PRC. In making the appointment, ARRL President Jim Haynie thanked Bob for his "commitment to the PRC", and for all of his efforts in 2002. WA3PZO's term runs for one year and is subject to renewal.

Last year Josuweit contributed to the newly revised Public Relations Manual and assisted amateur radio operators around the country on issues involving the promotion of ham radio. Josuweit is a past winner of the Philip J. McGan Memorial Silver Antenna Award for demonstrating volunteer public relations success on behalf of Amateur Radio at the local, state or national level.

Josuweit, has had articles published in **QST**, **CQ-VHF**, and **Popular Communications**. He is currently the Public Service Editor for **CQ**.

## Ham Radio History in Tension Areas

Current tensions remain high in both Iraq and North Korea. If you are fairly new to ham radio you may not be aware that ham radio operators played key roles in both areas. Here's a little history of 'ham radio at war.'

### KOREA

It was June, 1950. Ray Maurstad, W3HUV, was on assignment to establish a Merchant Marine academy in Pusan, Korea. In a recent story he said that he was relaxing on Sunday morning operating or the air. He was having a QSO with a friend in Seoul. The casual conversation abruptly became extremely urgent as Maurstad was informed that a large force of North Koreans had crossed the border and was invading South Korea at Seoul. Maurstad relayed the news to Gen. MacArthur's headquarter in Tokyo. For the next two weeks he and another ham operator manned the radio around the clock.

### The Kuwait Connection

<http://www.qsl.net/vu2msy/ABDUL.htm>

From the basement of his home in Salwa, just a stone's throw from an Iraqi occupied police station, and near two occupied schools, Abdul Jabbar Marafie (Call-sign: 9K2DZ, 1992 ARRL HUMANITARIAN AWARD WINNER) kept up his radio transmissions from the first day of the invasion until the liberation of Kuwait.

August 2nd, 1990, the day of the Iraqi invasion, found many residents outside Kuwait, taking their summer vacations, travelling on business, or having medical treatment. On the first morning it was difficult, but still possible to find a telephone line into Kuwait, albeit after hours of trying. August 2nd, 1990, the day of the Iraqi invasion, found many residents outside Kuwait, taking their summer vacations, traveling on business: or having medical treatment. On that first morning it was difficult, but still possible to find a telephone line into Kuwait, albeit after hours of trying. Things quickly became worse. The lines were cut altogether, and there was no way of knowing how family and friends fared inside the country, nor when the telephone lines would be restored. For many it was the doubt and the total lack of relevant information, which was the hardest to bear and the majority of people had to resign themselves to months of waiting for news, with no news coming. However, many others were able to pass messages in and out of Kuwait, through one brave man and an impromptu network, encompassing countries as far distant as Pakistan and Guatemala, which grew around his transmission outside Kuwait. is a most reluctant hero, and has received little acclaim for his work from within Kuwait.

That doesn't bother him particularly. He feels the most important thing is to know that he did all he could to help as many people as he could from a wide number of different nationalities and backgrounds. That he continually risked his own life in order to do so, seems virtually irrelevant to him. "I don't like to be called a hero," he says, adding that he only did what he felt he had to do.

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## Ham Radio Part of a C.O.O.P.

**CQ** Public Service Editor WA3PZO reports in the March Issue of the important role ham radio plays today in Contingency of Operations Plans at the local and federal level. In the article Josuweit sites the roles hams played not only during the Y2K rollover, but also during the September 11 attack on America. He also looks at the possibility that ham radio is part of the so called federal 'secret government.'

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## Amateur Radio Spectrum Protection Act Reintroduced in US House

NEWINGTON, CT, Feb 14, 2003--The Amateur Radio Spectrum Protection Act has again been introduced in the US House of Representatives. The measure is an ARRL legislative initiative. Florida Rep Michael Bilirakis put the latest version of the bill, HR 713, into the legislative hopper on February 12. It has been referred to the House Committee on Energy and Commerce. When last introduced in 2001, the measure was known as HR 817.

HR 713 is aimed at ensuring the availability of spectrum to Amateur Radio operators. It would protect existing Amateur Radio spectrum against reallocations to or sharing with other services unless the FCC provides "equivalent replacement spectrum" elsewhere. Bilirakis, a Florida Republican, has twice before sponsored similar legislation at the League's recommendation. A Senate version of the bill is pending. The measure would amend the Communications Act to require the FCC to provide "equivalent replacement spectrum" to Amateur Radio and the Amateur-Satellite Service in the event of a reallocation of primary amateur allocations, any reduction in secondary amateur allocations, or "additional allocations within such bands that would substantially reduce the utility thereof" to amateurs. The ARRL is urging members of the Amateur Radio community to contact their representatives in Congress and request that they cosponsor HR 713. Experience has shown that, while most members of Congress understand and appreciate the benefits of Amateur Radio, some may be reluctant to sign onto a technical piece of legislation without some indication of support from their own constituents. A [sample letter](#) is available on the ARRL Web site.

The 2001 version of the measure attracted 53 cosponsors in the House but last spring became one of many pieces of legislation caught up in the so-called "Enron logjam," during which the Internet and Telecommunications Subcommittee did not meet.



**HOLMESBURG AMATEUR RADIO CLUB**  
**P.O. Box 6253 Philadelphia, PA 19136**  
“Serving the Community Through Ham Radio”

***SEE YOU AT THE NEXT CLUB MEETING FEBRUARY 27***

***MEETING: 8<sup>TH</sup> DISTRICT POLICE STATION***

**DATE: FEBUARY 27, 2003**

**TIME: 8:00 PM**

**LOCATION: 8<sup>TH</sup> DISTRICT POLICE STATION**



March 2003

# The HARC Spark E-xtra

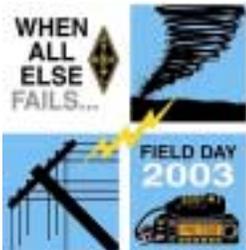
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Editor: WA3PZO

## Field Day Coming

NEWINGTON, CT, (ARRL)--The new 2003 ARRL Field Day logo says it all: "When all else fails . . .," the legend in the upper left-hand corner declares. The four-part image--which will be on this year's Field Day



pin and other gear. Field Day 2003 takes place June 28-29--as always the fourth full weekend in June.

The "When all else fails . . ." slogan fits right in with the original notion of Field Day.

Started in 1933, the exercise was--and still is--a way to test a station's or a club's emergency preparedness. The logo and slogan for 2003 also help to focus attention on the new Class F operating category. Stations operating as Class F will go on the air during Field Day from an official Emergency Operations Center (EOC) set up by a governmental agency or a non-governmental organization, such as the American Red Cross or the Salvation Army.

## MONTGOMERY COUNTY RACES/ARES Activated for Snowstorm

Montgomery County RACES was activated via phone call between the County Director, Emergency Preparedness and the RACES Radio Officer at 1800 on Sunday, February 16 during the first part of what became the fifth largest snowstorm in the area since 1900 (per TV news). RACES was told to help, as possible, by providing transportation for essential hospital and nursing home workers within the county. RACES was not expected to clear each job through county and was requested to accept jobs directly from the facilities that needed help. Several places that needed help were given to RACES. The Radio Officer sent an alert via the pagers carried by over 50 members, convened a net on the county two meter repeater and began making phone calls to determine specific needs. RACES responded or attempted to respond to 17 different requests for transportation

services until 2200 on February 17 when they stood down due to lack of jobs.

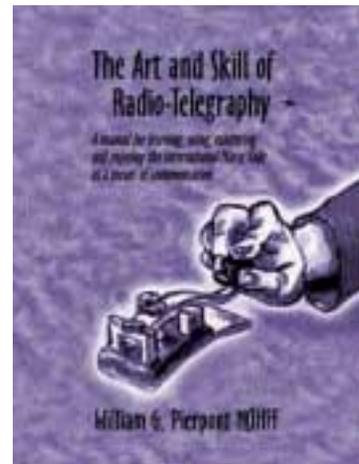
A total of 21 persons were transported by six different drivers in their personal four wheel drive vehicles on behalf of four different facilities. Each was in constant contact with net control by radio as they traveled. Six different hams acted as net control stations from their homes. In addition another 14 who did not have four wheel drive vehicles, checked into a net called at noon on 2/17, to indicate that they were monitoring the net and could possibly help in other areas if requested.

The recently issued RACES Photo ID Cards proved extremely valuable in establishing credibility with hospitals and riders.

(Bob Lees, W3ZQN, Montgomery County RACES Radio Officer)

## CW Authority Becomes SK

Bill Pierpont, N0HFF, age 88, became a Silent Key Feb 20, 2003. Pierpont was the author of *The Art & Skill of Radio-Telegraphy*. His generous gesture of distributing this book freely on the Internet and printed at no profit to himself, allowed this inspirational and



educational publication to be enjoyed by hams all over the world. It has been translated and published in several languages He made a major contribution to Amateur Radio and will be sorely missed. The book can be found at: <http://www.qsl.net/n9bor/n0hff.htm>

## Lancaster County Ham Makes Big Screen Debut

Elizabethtown, PA ham radio operator Mathew Steger, N3NTJ, brought one his hobbies to the big screen last week. Steger, a Civil War Re-enactor, appears in *Gods and Generals*, the epic screen adaptation of Jeff Shaara's heralded best-selling novel. The movie is a dramatic look back at the Civil War - America's bloodiest conflict, in which more than 620,000 lives were lost. According to the movie's website, *Gods and Generals* is a prequel to the acclaimed screen drama *Gettysburg*, which was also directed by Ron Maxwell. The film is based on events that are sweeping in scope and made all the more compelling by the human-scaled drama it depicts. A moving portrayal of a nation divided, *Gods and Generals* begins in early 1861 and continues through 1863, climaxing with the stunning Battle of Chancellorsville. The movie encompasses 158 speaking roles and thousands of battlefield "re-enactors."



Steger is a private in the 83d Pennsylvania Volunteer Infantry (83<sup>rd</sup> PVI) re-enacting group. The soldiers were a brave group of patriots hailing from Erie, Pennsylvania. He has felt right at home since he is originally from Erie. According to Steger he is the only current 83d member from Erie. "It means

something special to me," says Steger.

As the war progressed, the 83<sup>rd</sup> PVI would lose more men to death than all but one other Federal regiment. They, along with the rest of the Fifth Corps, were bled down from their original numbers in the brutal fighting of the Seven Day in 1862. By the time the Army of the Potomac reached Gettysburg in July of 1863, the 83d numbered under 250 men and was commanded by a captain. Last July the 83<sup>rd</sup> PVI traveled to Harrison's Landing, VA along the James River. They participated in a three day event commemorating the Federal Army being at that spot (140 years to the day) as well as the 140<sup>th</sup> anniversary of "Taps" being written and performed by Pvt. Oliver Wilcox Norton from Erie. He was in the original 83d PVI.

The group participates in numerous events each year including Living Histories, Battle Re-enactments, school programs, and parades. Some re-enactor groups are more hardcore and some are very lax on their protocols. "The 83d believes in authenticity, says Steger. "We hold fairly strict to military protocol." This year, the 83<sup>rd</sup> is participating in events at Ft. McHenry, Bull Run (Manassas, VA), Remembrance Day parade in Gettysburg, as well as numerous living histories in Selinsgrove and Gettysburg, PA and City Point, VA. Steger says one of the events this year will also have a period communications station setup in camp. He hopes to operate the period telegraph station.

Steger traveled to an area just north of Sharpsburg, Maryland in 2001 to participate in some of the movie filming as a re-enactor. "Being present for the making the movie was quite an experience," says Steger. "The people involved were first rate. The re-enactors were treated very well and we got all of the catered food we could handle. Most of us were put up in hotels in the area we were filming at that time. The production company is also purchasing some battlefield land for preservation and is supposed to dedicate the land with a monument with the participating re-enactors names on it."

"My wife, Catherine, N3TUE, and I saw the movie premier," he said. "I spotted myself in at least 4 scenes. The 3<sup>rd</sup> movie (*Last Full Measure*) may also be made depending upon how well *Gods And Generals* does."

Steger describes his on screen appearance:

"One of the times the camera is actually zoomed right in on me making coffee and then seconds later comes back to me as I walk away back to my spot at the wall on Marye's Heights at Fredericksburg (13 Dec 1862). This is the easiest spot to locate me in the film. These scenes are about 2 minutes after the intermission. Another spot has me marching past the camera which is also on the pre-release DVD I have. This was supposed to be a cut out scene from the theatrical release but somehow got 'left in'. I also recognized many people I know from the hobby." The full 6 hour version will be released on DVD this July.

Steger is a member of the Radio Association of Erie and the Southern Pennsylvania Amateur Radio Club, Inc. He is active in ARES, RACES, Skywarn and is a Volunteer Examiner. He also participates in the Pennsylvania QSO Party. You can find Steger on all bands on phone and cw.