



February 2005
Volume 11 - Issue 2

*What's "Below Decks"
in the Midwatch*



<http://perch-base.org>

ITEM	PAGE NO.
Title Page	1
2004 Booster Club Members	2
Sailing Orders(upcoming activities)	3
List of Base Officers	3
Eternal Patrol Ceremony	4
Letter from the National Scholarship Chairman	5
"From the Wardroom"	6
January Meeting Minutes	4
From Behind the Wardroom (SubVettes)	8
SibVettes Meeting Minutes-January	9
Eternal Patrol: USS Grayback (SS-208)	10
Notice: Assistance to Veterans Home Needed	11
White Mountain Base News	12
Gudgeon Base News	13
Shipmate-to-Shipmate	13
Submarines of Tomorrowy - Eyesfrom the Deep	14
Subvettes Christmas Donations (photos)	17
Mailing Page	18

Lest We Forget Those Still On Patrol

FEBRUARY ETERNAL PATROLS

USS Barbel	SS316	Feb. 4, 1945	81 men
USS Shark	SS174	Feb. 11, 1942	58 men
USS Amberjack	SS219	Feb. 16, 1943	74 men
USS Grayback	SS208	Feb. 26, 1944	80 men
USS Trout	SS202	Feb. 29, 1944	81 men

NEXT REGULAR MEETING - February 19, 2005
American Legion Post #62
11001 N. 99th Ave.
Starts at 1200 hours
Lunch provided - Donation Suggested \$3

The Perch Base USSVI cannot support itself financially on the dues collected from its members. There have been no serious efforts since the base was formed to produce any other steady and effective source of income. Therefore, the Base has relied on charitable cash donations from members -- usually given at membership renewal -- for its survival. Listed below are those charitable givers, known as the Booster Club.

2005 Booster Club

Ben Acosta	Jerry Allston	Ken Anderson	Kirby Anderson
Ted Asbell	Gary Bartlett	Ken Becker	Joe Bernard
Dick Bernier	Ron Beyer	Ed Brooks	Jim Edwards
Harry Ellis	Chuck Emmett	Ray Graybeal	Chuck Greene
Billy Grieves	Kelly Grissom	Bob Hanson	Dave Harnish
Ed Hawkins	Glenn Herold	Dave Herrington	Les Hillman
Davy Jones	Ron Kloch	Bob Lacendorfer	Doug LaRoch
George Marions	Dale Martin	Terry Martin	Bob May
Denny McComb	Ray McKinzie	Paul Miller	Roger M. Miller
Roger R. Miller	Tim Moore	Tom Moore	Joe Mullins
Bon Nance	Jim Nelson	Jim F. Newman	Jim W. Newman
Joe Otreba	Ray Perron	George Petrovitz	Royce Pettit
Clair Prokupek	Scott Prothero	Robbie Robinson	Stan Rud
Frank Rumbaugh	Ray Schaeffer	Rick Simmons	Wyne Smith
Jim Strassels	Adrian Stuke	Jim Thomson	Tom Tilley
Jim Wall	Dick Weber	Jerry Yowell	John Zaichkin
Mike Haler	Darrell Lambert	Nick Pappas	Kenney Wayne
Ed Wolf	Roger Cousin	Alex Martin	



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Sailing Orders



NEXT REGULAR MEETING
February 19, 2005
American Legion Post #62
11001 N. 99th Ave.
Starts at 1200 hours

Special Memorial Program
for Departed Perch Base
Shipmates now on Eternal
Patrol

(see next page for program)



Eternal Patrol Memorial Service

Perch Base - February Meeting

ETERNAL PATROL LIST

<i>ROGER HOLTZ</i>	<i>JOSEPH GUTIERREZ</i>
<i>JACK McKEON</i>	<i>JOSEPH SCHWARTZ</i>
<i>LUIS TEJERA</i>	<i>GARY PATTERSON</i>
<i>MANNY BURREL</i>	<i>PAUL LAKE</i>
<i>JERRY NELSEN</i>	<i>JOHN MICHAUD</i>
<i>RICHARD SCHILTNECK</i>	<i>JOHN KISH</i>
<i>DONALD WANNAMAKER</i>	<i>LARRY KRIEGER</i>
<i>MILAN MONCILOVICH</i>	<i>WILLIAM HATCHER</i>

MEMORIAL PROGRAM

- ◆ **INTRODUCTION**
Base Commander will explain the steps of the "Reading of the Names" part of the memorial program
- ◆ **MEMORIAL PRAYER**
The Chaplain will be asked to say a short prayer for the souls of our shipmates on eternal patrol.
- ◆ **READING OF THE NAMES**
*The name of each Perch Base member will be printed on a card. The cards will then be handed out to those attending the ceremony.
The Navy Hymn will be played while the members (one by one) reads the names of our members on eternal patrol.
Members will then be asked to call out the name of others they would like to remember.
When all the names have been read aloud, the music will be stopped and everyone asked to stand and bow their heads.*
- ◆ **BUGLER SOUND TAPS**
While everyone has their heads bowed, the Base Commander will direct the bugler - "Bugler Sound Taps"!

Letter from the National Scholarship Chairman

Shipmates,

I am trying to determine why the numbers of requests for USSVI Scholarship applications are substantially lower than at any time I can remember in the last ten years.

To all our new Base Commanders in the last year or so, our organization has a Scholarship Program that is designed to provide some help in defraying college fees, books, lab fees board and room among other expenses. We offer as much in scholarship assistance as there is money available from donating shipmates and Bases. Last year six \$1,000 scholarships were awarded in honor of three Bases that donated money (two were in memory of a Base shipmate) and one from the Officer's Wives' Club of Pearl Harbor, HI. In addition, we also awarded twenty \$750 in two groups equally split.

Recipients are selected based on financial need as well as academic achievement, extra-curricular participation, recommendations of others including teachers and community leaders, and an in depth evaluation of the creativity, clarity, sincerity and content of the applicant's 400-word essay. The USSVI Scholarship Board members score all applications. In case of ties financial need is the tiebreaker.

Eligibility is as follows: The student's sponsor must be a member in "good standing" of a Base or as an MAL (Member-at-Large) and having been designated "Qualified in Submarines" or is a Regular Member of USSVI by virtue of being a Regular Member of SubVets WWII. The student may be the son, daughter, stepchild, grandchild, or the sponsor is the court appointed Guardian of the student.

The student's sponsor must supply a signed copy of their 2004 1040 Tax Return. If not signed, it will be returned for signature. The Scholarship Chairman is the only person that will see the Return and test the sponsor's financial information contained therein. If the sponsor wants the 1040 returned it should be so stated, otherwise the 1040 will be destroyed upon the announcement of the winners in August 2005.

Application requests will be taken up until 15 March 2005 and must be returned to the Scholarship Chairman, postmarked no later than 15 April 2005. The application may be received by (1) downloading it from www.ussvi.org then highlighting "Scholarship" and following the instructions. Adobe Acrobat is required to use this method. Or (2) it may be received by sending the student's address to Paul Orstad at hogan343@aol.com or by Regular US Mail at the address shown below, letting him know if the student is a high school senior or a college student. This is important as the student will be sent a "Hint Sheet" that will let them know what is desired and required to help ensure that the application is completed correctly the first time. The Chairman's address is: Paul Orstad, 30 Surrey Lane, Norwich, CT 06360-6541. Please direct all questions to Paul at (860) 889-4750 or (860) 334-6457 and they will be answered.

Donations by individuals, as well as proceeds from 50/50 raffles, fundraisers by Bases or other organizations may be made to the Scholarship Fund in memory of departed shipmates or a family member, in their honor. If an employer has a donation-matching grant program for their employees, for such programs as ours, such funds will be accepted. Any donation of \$25 or more is given a tax deduction statement for those that need it and a Certificate of Appreciation will be included. Any questions contact any Regional Director, District Commander, E-Board member or me. Thank you. Paul Orstad, National Scholarship Chairman

From the Wardroom

We had a great January meeting! For those that didn't make it; we had the honor of having Jim Foote the Senior National vice Commander at the meeting. Jim gave us a run down on what was happening on the national level.

The national membership is reaching the 12,000-member level, with 11,465 members at the date of our meeting. We should reach that by the convention date. Jim briefed us on the Charitable Foundation and its five charitable funds. He also announced that the scholarship applications are due for those that wish to apply for support from the Charitable Foundation. Please get in touch with Ed Brooks, Dave Harnish or myself if you have a son or daughter that could use some help with the foundation.

We are still in need of finding a home inside, or under-a-roof, for our prize-winning float. If any one could help us with this, please step up. The canvas is doing a great job but the float needs to be out of the weather. We have several commitments for the float this year besides our Veterans Day Parade. First appearance is in Yamell in May, followed by Heber-Overgaard for the Fourth of July weekend.

Shipmate Dick Caraker suggested that the price we are paying for lunch was inadequate, based on the quality of the food provided. Where upon shipmate Stan Reinhold donated a portion of the funds to the Base Treasury as he had done at the previous meeting. BRAVO ZULU to you Stan, we do thank you for your efforts, along with enjoying your great lunch.

Election for your new Base officers is around the corner, please step up. Help your Base by getting involved. It is your input and ideas that will keep us moving in the right directions. Nominations and electing new officers will take place at the March meeting.

We are looking for shipmates to help out at the various Veterans hospitals. Vice Commander Tim Moore, has a list of needs for the Arizona Veterans home. If you have some time to spare, why not help our veterans in need?

Fraternally Yours,
Glenn Herold, commander, Perch Base

January Meeting Minutes

The regular monthly meeting of the Arizona Submarine Veterans B Perch Base was convened at American Legion Post #62 Peoria, AZ at 1305 hours, 15 January 2005. The meeting was called to order by the Base Commander – Glenn Herold.

The "Call to Order" was followed by a prayer of Invocation, the "Pledge of Allegiance", a reading of the "Purpose of the Organization", the Dedication, a Moment of Silence for our departed shipmates and the "Tolling of the Boats" ceremony.

According to the sailing list, there were forty-four (44) members and guests at the meeting. Those present welcomed new members and guests – Bill Sherman, Mike Murphy and Stan Reinhold's father, Donald Reinhold. Each of the new members and guest stood, introduced themselves and summarized their service in or involvement with the Submarine Service. They were then given a resounding welcome from the members.

A motion was made and seconded that the minutes from the December meeting be approved as published in the Base Newsletter, "The MidWatch." The motion carried by voice vote.

Treasurer, Robert May, reported the Base's financial status as of the first day of January, 2005.

A motion was made and seconded to accept the Treasurer's report as read. The motion carried by unanimous voice vote.

REPORTS BY OFFICERS AND COMMITTEE CHAIRMEN

Base Vice Commander

Tim Moore, reported that he has sent letters to the Veteran's Administration (VA) Hospital and the Arizona Veteran's Home to inquire how we as an organization might help support their volunteer base. A reply has been received from the Arizona Veteran's Home indicating that they need volunteers to help with bingo, movies, card games, birthday parties and casino nights. Tim also introduced Eagle Scout Candidate Jeremiah Lange and his father Charles. Jeremiah briefed the members on his Eagle Scout Project, the goal of which is to train Boy Scouts and others to play Taps at funeral ceremonies of deceased veterans. This will supplement the waning numbers of buglers available for such events.

Ed Brooks then took the floor to brief the members on the plan for a memorial ceremony to honor Perch Base Members who have departed on eternal patrol during the Base's first 10 years. Ed prepared a written program whereby, a prayer is offered and each deceased member's name is read aloud. The ceremony would be concluded by Jeremiah or one of his trainees playing Taps. Jeremiah was invited to

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the meeting of February 19 meeting when the ceremony will be performed.

Base Chief of the Boat – Bob Gilmore had nothing new to report.

Base Chaplain – Howard Doyle reported that Shipmate James (Jim) Newman is recovering from heart surgery. He is out of the hospital and recovering at home. Jim has asked that the funds normally spent to buy flowers for occasions such as this, be donated to the US Submarine Veterans Charitable Foundation instead of flowers. Howard also reported that Shipmate Jack McCarthy has undergone back surgery and we should think of him in our prayers as he strives to recover. It was also reported that Shipmate Dale Martin is still in the hospital and needs our prayers and well wishes.

Membership Chairman and WebMaster – Ramon Samson reported that membership renewals (dues payments) are currently at 75% and still coming in. Our goal is 100% for this year. The base lost several members to the Arizona Base expansions, but the losses associated with that have been replaced with new members. Ray reported that the Web Site is now 4 years old and more than 7,000 people have taken advantage of the site. Otherwise, there have been no recent changes to the Site.

OLD BUSINESS

Glenn Herold asked the members for revenue producing suggestions. Many of the members offered suggestions, including yard sale type events, casino trips, etc. After a lengthy discussion, it was resolved that the Base Revenue Committee be converted from an Ad Hoc Committee to a Standing Committee to pursue and plan revenue producing events and procedures. The Base Revenue Committee chaired by Jim Denzien agreed to accept the challenge and become a Standing Committee.

Glenn again asked members to help search for another location and/or method for storing the Perch Parade Float. An indoor storage location is essential if we are to keep the float in good condition.

Glenn Herold announced that it was time to make a decision regarding the location for the 2005 Perch Base Christmas Party. The members were asked to suggest any alternatives they might have for the party's location. Receiving none, a motion was made and seconded that the 2005 Christmas Party be held at the Luke AFB EM Club.

Glenn also reminded the members of the USSVI National Convention to be held in Kansas City between August 29 and September 4, 2005.

Dave Harnish reported that a determination has been made that a USSVI District 8 meeting in Phoenix, during the Month of April, would be too expensive to the participants. As a result, those plans have been scuttled. District Commander, Lief Larsen is in the process of checking with other Bases

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in the District to locate another site for the meeting. An announcement will be forthcoming.

Shipmate Dick Caraker suggested that the price we are paying for lunch is probably inadequate, based on the quality of the food provided. Whereupon, Shipmate Stan Reinhold donated a portion of the funds he received from the members, to the Base Treasury. The members exhibited their appreciation with a resounding round of applause for Stan's generosity and expertise.

Kenny Wayne took the floor to thank the members who have contributed to the USSV Charitable Foundation Scholarship Fund. Kenny apprised the members that two of his daughters have received support from the Scholarship Fund and he is thankful for that help.

NEW BUSINESS

Glenn Herold announced that the Base would form an Annual Picnic Committee to plan this year's Base Picnic. Volunteers included Stan Reinhold, Bob Gilmore and Glenn Herold. This committee will decide the location, date and time, bill of fare and per person cost for the picnic.

Glenn Herold announced that Perch Base would be participating in the Yarnell Days spring festival and parade. Shipmate Kenny Wayne reported that the festival would take place the third weekend of May.

Ray Samson reported that the new USSVI dues schedule has been posted on the National Organization's Web Site. A link is available from the Perch Base Web Site to the National Web Site.

Glenn indicated that he had received numerous requests that the Bases within the Arizona SubVet Community to hold a joint get together somewhere in the State. Jack Messersmith (Gudgeon Base Commander) had suggested that a possible location and event would be a trip on the vintage Verde Valley railway, which makes a round trip from Clarkdale to Perkinsville and back. The trip is very scenic, as the vintage train travels along the Verde River. Glenn asked for any other suggestions or recommendations regarding such an event.

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GOOD OF THE ORDER

Jim Foote (USSVI Senior vice Commander) was asked to present a hand-carved replica of the Submariner's Dolphins to Shipmate Jim Edwards. The dolphins were a form of appreciation for Jim's contribution to the 2003/2004 fund drive for the US Submarine Veterans Charitable Foundation.

Jim Foote also reported on the status of the USSVI national organization. Jim indicated that national membership is now at 11,465. Although the dues increase to members was necessary, the organization is yet to see any ill effects from the increase. Jim also briefed the members on the US Submarine Veterans Charitable Foundation and its 5 Charitable Funds. He indicated that the Scholarship Committee awarded six \$1,000 scholarship grants and eighteen \$750 grants in 2004. In additional \$8,000 was disbursed from the Foundation to the Sharing and Caring Fund for active duty submarine families in need.

Jim also announced that scholarship applications are due for those that wish to apply for support from the Charitable Foundation.

Shipmate Dick Caraker announced that the Southwest Caucus of the US Submarine Veterans of WWII will be held on April 11, through April 14.

50/50 DRAWING

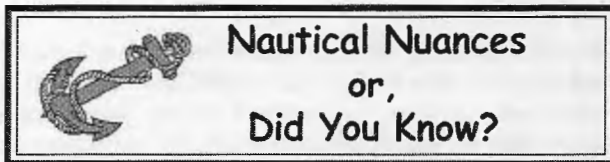
The 50/50 drawing was held and Adrian Stuke was the lucky winner.

ADJOURNMENT

All the outstanding business being concluded, it was moved and seconded that the meeting of the Arizona Submarine Veterans - Perch Base be adjourned. The motion carried by voice vote.

The closing prayer was offered by Joe Bernard and the meeting was adjourned at 1414 hours.

Edgar T. Brooks B Base Secretary)



For entertainment on U.S. submarines movies, television, ice cream machines and stereo music players are available. The USS SEAWOLF also had an electronic organ. There have been instances of boxing matches held onboard, and the crew of one submarine had a kite flying contest from an anchored submarine.

From Beyond the Wardroom Perch Base SubVettes

We had a great meeting last month. Thank you all for coming, especially our two new members, Laurie Sherman & Juanedda Walker.

I hope you are all thinking about running for an office. New blood on the Board is always a good thing. Make sure one of our Election Committee – Kathryn, Jackie or Heather get you name and the office you would like to hold. We will take all nominations at our next meeting on February 19 at **Der Kaffe Kuchen** at 12PM. Elections will be held at our March meeting.

If you haven't paid your dues yet, please be prepared to do so at the meeting.

HAPPY BIRTHDAY TO OUR MARCH BABIES

Sandi Prophet – 3/1

Betty Long – 3/10

Iris Vaillancourt – 3/13

Karen Emmett – 3/14

Debbie Newell 3/28

Brandi Hershey – 3/31

Till we meet again,

Nancy Nelson, president, SubVettes of Perch Base

SUBVETTES MEETING MINUTES January Meeting

The thirteenth monthly meeting of the SubVettes of Perch Base was convened at Der Kaffe Kuchen, Peoria, Arizona at 1319 hours, Jan. 15, 2005. There were 17 members and two guests in attendance. President Nancy Nelson led members in the Pledge of Allegiance, followed by a Prayer of Invocation given by Chaplain Sandy Bernard.

Nancy then asked all members to be sure to sign in and announced that a dolphin plate and holder was the item being raffled at today's meeting and encouraged members who had not done so already, to purchase tickets for this raffle.

Nancy then introduced Joanne Foote, the First Mate of the USSVI National Senior vice Commander and thanked her for taking the time to join us at our meeting.

Vice President Kay Hamish reported on the Christmas/Hanukkah party held in December and let members know that Nancy Nelson was presented with a holiday candy dish (candy included) from the SubVettes for all of her dedication and hard work.

Since there was no meeting in December, there were no Minutes to approve.

Treasurer Karen Emmett reported on the base's financial status as of Dec. 31, 2004. A motion was made and seconded to accept the Treasurer's Report as read. Motion carried.

OLD BUSINESS

President Nancy Nelson reminded members that, unless you are a Life member, dues need to be paid. She also reminded members that Life membership is now available at the local level also. So, if anyone is currently a Life member with National and would like to do the same at the local level, they may do so. If you are not sure about your membership status, please contact Karen Emmett.

Nancy thanked all members for making 2004 a great year for the SubVettes of Perch Base. SubVettes of Perch Base was able to make donations to two great causes in 2004: Operation Warm Hearts at Luke AFB received a donation of \$250 and the New Life Center received \$250. Both organizations were very appreciative of our contributions. Cards, letters and photos were distributed for member to view.

For anyone unable to attend the Perch Base Christmas/Hanukkah party, Nancy let members know that everyone had a great time. The decorations on the tables were very nice. Nancy extended a big "thank you" to Layne Rumbaugh, who unfortunately was unable to be at the meeting, for donating the ornaments and candles for each place setting. Layne is truly one of our biggest Boosters. Brandi Hershey and Heather Newell put on a great show and should be commended for their performances and hard work. And a big thank you to Karen Emmett for procuring our door prizes. Past Commander Jim Newman was awarded "Sailor of the Decade", Treasurer Bob May and Regional Director Dave Harnish received "Member of the Year" awards from the men and Karen Emmett is our "Member of the Year". Congratulations to all!!!

NEW BUSINESS

Local and National Elections will be held in March, with the new National officers taking over in September at the conventional. Local officers will take over after March elections. If you would like to hold office, please have someone nominate you and make sure someone on the committee gets your name and the office you are running for. We will be taking nominations now and in February. Debbie Newell has announced that she will be stepping down as Secretary after the elections, so if anyone is interested in running for this position, please contact the nominating committee. Nancy then asked for volunteers to be on the Election Committee.

The following members volunteered and are now our Election Committee:

Katherine Otreba
Jacque Hawkins
Heather Newell

Nancy advised members that the ladies in San Diego, through the hard work of Lynda Fox, have formed a base and that we should all be very proud of them.

Secretary Debbie Newell suggested that a letter go out to all members advising them of upcoming events in 2005. Nancy asked for suggestions of items to be included in the letter. Suggestions were given and the letter should be distributed shortly.

FOR THE GOOD OF THE ORDER

Happy Birthday wishes to:

Dorothy Crider – 2/12
Lil Asbell – 2/17
Susan Day - 2/17
Hiromi Povio – 2/26
Delores Newman – 2/15
Juanedda Walker – 2/22

Chaplain Sandy Bernard requested that people notify her if they hear or know of someone in need so that she may contact them.

Nancy reminded members that our next meeting will be held Feb. 19, 2005 at noon at this same location.

DRAWING

Heather Newell conducted the drawing for a dolphin plate which was won by Kathrine Otreba.

ADJOURNMENT

All the outstanding business being concluded, a motion was made by Jacque Hawkins and seconded Muriel Grieves that the meeting of the SubVettes of Perch Base be adjourned. The meeting was adjourned at 1342 hours.

Signed: Debbie Newell, Secretary



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Eternal Patrol February 26, 1944

Editors Note: *Less we forget, each month, one boat on eternal patrol will be highlighted in this newsletter. Sailors, rest your oars.*

The Final Patrol

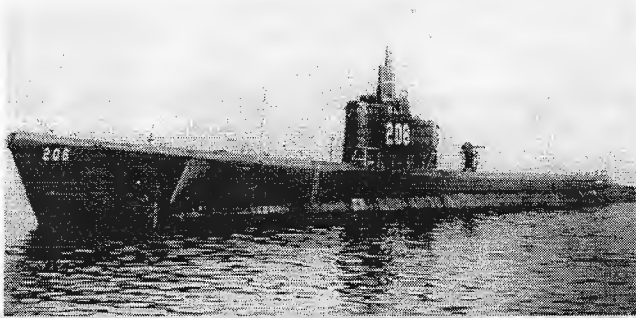
Lord, this departed shipmate with dolphins on his chest is part of an outfit known as the best.

Make him welcome and take him by the hand. You'll find without a doubt he was the best in all the land.

So, heavenly Father add his name to the roll of our departed shipmates still on patrol

Let them know that we who survive will always keep their memories alive.

U.S.S. Grayback (SS-208) 80 men lost



The late Adm. "Skip" Lockwood (COMSUBPAC 1943-1946) once described Cmdr. Johnny Moore as "an aggressive leader who guided his charges into battle at full speed." As commanding officer of the USS Grayback (SS-208) during World War II, Cmdr. Moore used this energetic approach in directing his vessel to sink nine enemy ships totaling 44,000 tons.

Overall, the ship is credited with sinking 22 enemy ships totaling 83,900 tons and damaging nine enemy ships total-

ing 49,300 tons during her ten war patrols. It was during the tenth and final patrol that the great ship met its ultimate fate.



At the beginning of the war Grayback was under the command of Cmdr. Willard A. Saunders. Prior to Moore assum-

ing command, the ship already had a deadly reputation. In

1942 alone Grayback, along with four other U.S. Submarines (Gudgeon, Tautog, Triton and Seadragon) acting independently, combined to sink 81 enemy ships from Pearl Harbor to the East China Sea. It was a lethal group.

In 1943 Cmdr. Moore assumed command of Grayback and joined two other subs (USS Shad and USS Cero) to form the first rendition of Capt. Charles "Swede" Momsen's 'wolf-pack' of Submarine Squadron Two. Generally, submarine skippers objected to "wolf-packing." They felt operating independently was more efficient and they all lived in dread that someday this method would sooner or later result in the sinking of one friendly submarine by another. Fear of friendly fire notwithstanding, "wolf-packing" was here to stay and Momsen's first group was just as deadly as the 1942 subs operating alone.

Cmdr. Johnny Moore lacked experience in fleet boats, but because of his fine record of service in "R" and "S" boats, senior leaders believed he was headed for greatness. Moore was an athlete at the Naval Academy (boxing and soccer) and was considered one of his class leaders. "Professionally, Johnny was tops and we placed him second to no one in the class," said Cmdr. Hank Munson, a former Academy classmate of Moore's. Cmdr. John MacGregor, commanding officer of "wolf-pack" partner USS Shad, labeled Moore as a "go-getter" with a "vivacious personality."

Following her success as a "wolf-pack" member in 1943 Grayback was tasked to operate independently the following year. The ship left Pearl Harbor on January 28, 1944 to begin her tenth and final patrol. The area of what was to be her final mission was located in the East China Sea east of the coast of Chekiang Province, China. After fueling up at Midway on February 3rd the boat received orders to patrol the area running east and west between Luzon in the Philip-



pine Islands and Formosa until sunset February 20th, and then to proceed to her original area of responsibility.

Grayback's first report came on February 24th, stating that she had sunk or damaged 44,000 tons of shipping thus far on the patrol. The boat had expended the majority of her

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torpedoes and had only five aft and one forward remaining. The next day, February 25th, Moore reported to Lockwood at Submarine Headquarters in Pearl Harbor that he had fired four of his six remaining torpedoes and had damaged two more ships. Lockwood ordered Moore to return to Pearl Harbor immediately. The ship was never heard from again.

Grayback had been expected to arrive at Midway Island on or about March 7th. Had Moore failed to receive or understand Lockwood's order to come home immediately and remained on station the full time she would have reached Midway on or about March 23rd. On March 10th, in an effort to establish Grayback's position, Lockwood requested information from Moore regarding the best "hunting grounds" to locate and destroy enemy shipping. No reply was received and on March 30th the Grayback was officially declared "Lost at Sea."

Japanese records state that on February 26th a carrier plane near Okinawa discovered a submarine on the surface about 300 miles east of Grayback's last reported position. According to the Japanese report, the plane landed a "direct hit at the sub which exploded and sank immediately." Surface craft continued the attack where the sub went down until bubbles and a large oil slick appeared. Had Moore received the message from Lockwood and headed home right away, Grayback would have been in the approximate position reported in the Japanese attack.

Moore and his crew of 80 officers and men are on eternal patrol and were posthumously awarded the Navy Unit Commendation.

"On January 12, 1946, the Secretary of the Navy has officially declared there is no information showing any survivors of this gallant submarine. Because of my son's deep love for submarine life; and because of our submarines' wonderful war activities which have been so rigidly held under strict censorship, I humbly dedicate the following verses to "The Silent Service" with the hope that I have portrayed something of their grandeur."

Ralph Robinson Shaw (father of Ralph T. Shaw)

Sub-Man

by **Ralph Theodore Shaw, USN**
November 20, 1918 - February 26, 1944
USS Grayback (SS 208)

*Courage: Not born of battle rage, Amidst a flaming hell
 Of bursting bomb and shell, Where death has set the stage*

*Courage: It is to wait - to clench the teeth and hear, The
 sullen steps of brute Death draw near
 To wait - To watch thin glistening walls of steel, Drip*

*beads of salty sweat along their seams; to reel
 From shock that sends you sprawling - yet to rise, And
 bite the lips, and grin with steady eyes
 And mutter: "Close!" And curse the pounding heart, To
 wait-to see the weakening seams that part
 To stabbing fingers of the seeking sea; To hear that last
 burst seemingly to flee
 Along the sodden halls of death, To still the quaking
 heart and draw a breath
 You never know you held, And still wait..., But now to
 stir, and jest, and mock your fate
 Certain that the time will come again, When you must
 wait and pray Death's blows are vain
 Courage? What greater, since you yet can laugh:
 Although you know your death may be
 A silent one beneath the sea, And "failed to return" your
 epitaph?
 Laugh? Sure! To free all men is why you're here; And so
 you master self - then laugh at fear*



Our Fellow Vets Can Use Our Help

Our fellow veterans who reside in the Veteran's Home here in Phoenix could use our assistance. For any of you who are willing and able to participate in some volunteer work, your help would be greatly appreciated. Resident's activities include:

1. Bingo every Saturday at 0900.
2. Card playing (poker, etc.) every Monday at 0930.
3. Movies the 3rd Thursday of the month at 1400.

Volunteers help in moving residents from their units to Liberty Hall for these activities. They also play cards with the residents and help serve ice cream, pop corn, etc.

Extra help will especially be needed this coming March 30. Beginning March 30, and every 5th Wednesday thereafter, we will be going to a local casino. The time for this event will be from 0930 until 1430. Again, extra help here would be especially appreciated.

For details regarding volunteer services, contact:

Carrie Langford, CTRS
 Recreational Therapy Program Manager
 Volunteer Services
 Phone - 602-248-1575
 E-mail - clangford@azvets.com

Thank you for your assistance!

Commander:
 Jim Clewett
 PO Box 959
 Snowflake, AZ 85937
 (928) 536-7390
loji53@skyboot.com
Vice Commander:
 Dick Jarenski
 PO Box 9
 Overgaard, AZ 85933
 (928) 535-5405
rjarenski@aol.com
Treasurer:
 Armand Deprins
 PO Box 955
 Snowflake, AZ 85937
 (928) 536-6776
Simonne@frontiernet.net
Secretary:
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 5621 N. 19th St
 Phoenix, AZ 85016
 (602) 277-3877
sdayfletcher@cs.com
Storekeeper:
 Doug Eddy
 PO Box 688
 Heber, AZ 85928
 (928) 535 3388

**White
 Mountain**



Base

OUR CREED:

To perpetuate the memory of our shipmates who gave their lives in the pursuit of their duties while serving their country. That their dedication, deeds, and supreme sacrifice be a constant source of motivation toward greater accomplishments. Pledge loyalty and patriotism to the United States Government.



Meeting Minutes

Members present at the January 2005 meeting:

- Jim Clewett
- Dee LeFevre
- Buck Biddle
- Kelly McLaughlin
- Brandon McLaughlin
- Steve and Susan Day
- Eugene Quinlan
- Armand Deprins
- Frank Nagle

Meeting called to order at 11:15 am with opening prayer, reading of our creed, and tolling of the bell for USS Scorpion (SS278), USS Swordfish (SS193), USS Argonaut (SS166), S-36 (SS141), and S-26 (SS131).

There were no new members present.

The December meeting minutes were read and accepted. The Treasurer reported that the base has \$720.44 in the Treasury, and that we have 16 members of which, 14 are life members.

No committee chairs were present.

National is requesting support for scholarship funds.

There was no old business.

The next meeting will be held at Jim Clewett's house, map to be included in the newsletter. Phone # (928) 536-7390.

We discussed a district 8 mini convention, but it has been cancelled.

Buck Biddle will build a submarine float and has a trailer for it. The 50/50 drawing was won by Jim Clewett and the \$13 was donated to the base treasury.

The meeting was adjourned at 11:40 with a closing prayer.



Commander's Corner

Here we are in 2005, I hope everyone got through the last few weeks of stormy weather with flying colors, no damage to you or your property.

We have a few things that we should keep in mind for the next few months.

- New members
- Memorial Day parade in Show Low – how many of you would be interested in participating? Would like a firm count by the middle of April. This is a good way to let the public know we are in existence in the White Mountain area.
- Our Golf tournament on June 11.
- Base picnic sometime during the summer months.
- Fourth of July parade in Heber????
- Subvets convention in Kansas City MO. August 29 to September 4, the schedule of events is in the American Submariner magazine.
- It would be nice to know if somehow we could find a permanent home convenient to most of us.
- Local base dues are now due for the year of 2005. If you are buying a life membership on time, please keep up your monthly payments.
- The next meeting will be at my house on February 19 – beans and cornbread will be served, Steve will bring patches, grapefruit, and oranges.

The district 8 mini convention has been scrapped due to lack of response.

Fraternally Yours,
 Jim Clewett, Commander

Gudgeon



Base

Meeting Minutes

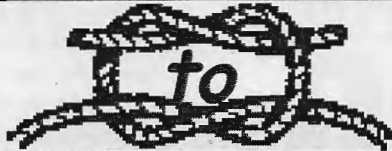
Gudgeon Base shipmate Raymond Cremin departed on Eternal Patrol Sunday January 23, 2005. Ray was a plank holder of the Gudgeon Base, and was currently serving as treasurer. Ray has been active in many veterans' organizations in addition to the United States Submarine Veterans Inc. They include the Disabled American Veterans, American Legion, Fleet Reserve Association. He is survived by his wife, Ellen; stepdaughter, Donna E. Witteman; stepsons, Byron Rock Schmidt and Kevin Rock Schmidt; sisters, Agnes Wells and Jean Ann Hansen; brother, Donald Cremin; grandsons,

Alexander C. Witteman and Matthew Schmidt; and granddaughter, Brittany Schmidt.

A funeral mass was held at the Veterans Administration Chapel in Prescott on January 27. Over half of the members of the Gudgeon Base attended the funeral mass. Sailor, rest your oar.

Our regular January meeting was held at the Moose Club in Prescott Valley. This was the first time we had a meeting in this location, and all in attendance were very happy with the arrangements. Our next meeting will be on February 12 at the Moose Club at 11:00AM.

Shipmate



Shipmate

The heroic story about the "Doc" has been around since WW II. Now the truth

Years ago, when I was a young kid, my mother told me about a corpsman who conducted an emergency appendectomy aboard a submarine during the war. Then I saw the incident portrayed on a TV program in the '50s called "The Silent Service." Perhaps you remember it.

When I began working for the Navy Medical Department years ago, a bunch of chief hospital corpsmen told me how one of their own had performed this heroic feat.

After a bit of research, I found Johnny Lipes living in Corpus Christi, and interviewed him for an article we published in our journal, Navy Medicine. We became good friends and over the years we've maintained contact.

About two years ago, I realized that he had never gotten any official recognition from the Navy for what he had done. In fact, the then Surgeon General of the Navy in 1942, Ross McIntire, wanted to have him court martialed.

Imagine the audacity of a pharmacist's mate performing surgery, which was a doctor's turf! So all through his long Navy career, Johnny had this "black mark" that he carried around with him.

I went to the then surgeon general VADM Mike Cowan and told him that we could right a terrible wrong and give this hero the recognition he so richly deserved. He agreed.

After going through the labyrinth of Navy regulations regarding decorations, we determined that he was eligible for the

Navy Commendation medal. I needed a witness to the event that took place on the USS Seadragon so long ago.

Miraculously, I found the executive officer of Seadragon, RADM Norvell Ward. He attested to the fact that he was not only present on the sub that day but actually assisted Johnny in the surgery.

As a result of all this, the Navy Awards Board approved the Navy Commendation. But before we could honor Johnny up here in Washington, he became ill with cancer and we had to postpone the ceremony.

Now former Surgeon General Cowan, who retired this past year, will be presenting the award on the 20th of February at Naval Hospital Camp Lejeune. The ceremony will take place at 1400 and all are invited.

This recognition is very long overdue and so richly deserved by one of the true heroes of World War II. I feel blessed to know such a wonderful human being and call him my friend!

Regards,
Jan K Herman GS BUMED

Reminder: March is Perch Base elections. Be thinking about nominations for Base officers.



Submarines of Tomorrow

The "Eyes" Have It

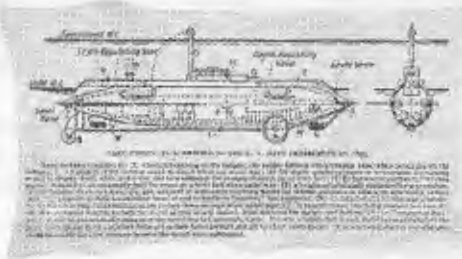
The following has been re-printed from the current issue of "Undersea Warfare" Magazine

Eyes from the Deep

A History of U.S. Navy Submarine Periscopes

Mention the word "submarine" to anyone, and a host of images will spring to mind. The sleek, low, black silhouette pier-side or sliding through the ocean. The drama of an "emergency blow" as the boat broaches the surface in a volcanic eruption of water. And of course, the sinister image of the tip of a periscope feathering the surface, hinting at what lies lurking below. And inside? The one image indelibly marked on the popular mind is that of the commanding officer crouching in the middle of the control room peering through the periscope - "dancing with the gray lady."

These last two images arise from one inescapable fact. Once submerged, submarines are essentially blind to the visual world above the surface. Windows and portholes are more or less useless, since they provide only the minutest view of the submarine's surroundings, especially at depths where the sun's light never penetrates. Early submariners realized early in the game that they needed a way to see at least some distance above the surface of the water while submerged, without compromising their boats' inherent stealth.



In 1854, the Frenchman Marié-Davy designed an "optical tube", which was simply a cylindrical housing with mirrors placed at

45-degree angles at each end. Similar primitive devices were first added to submarines in the 1880s, but they provided only a very poor view of the surface, often less than 10 degrees wide, and were generally considered next to useless. Various minor improvements were made to this design in the following years by various navies and inventors, but a breakthrough came in 1902, when American submarine pioneer Simon Lake included his patented "omniscopes" on his own 65-foot, 130-ton *Protector*. The omniscopes, which Lake had envisioned as early as 1893 in his application for a patent for his "Submarine Vessel," consisted of eight prisms, including two trained ahead, two astern, and one on each quarter. While the forward-looking prisms afforded an upright view, the views to the side were on edge, and the rear view

was inverted. This allowed the operator to view the entire horizon from below and even to estimate range. Moreover, the omniscopes could be rotated, but the view was considered excessively dim.

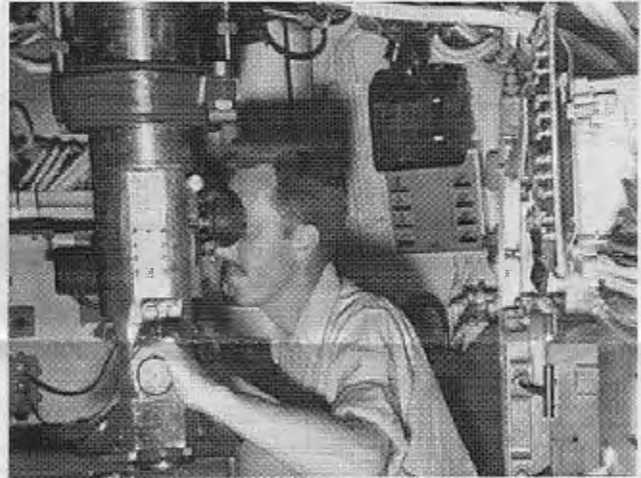
Around 1900, Irish-born American inventor John Holland, the so-called father of the modern submarine, experimented with a lens and mirror system called a *camera lucida* that was mounted in a long tube and projected an image of the above-water scene onto a white sheet of paper. However, this technique provided little advantage, because the image gave no sense of distance and was essentially the same as viewing a photograph. Holland abandoned this approach and reverted back to the then-standard method of fitting a small conning tower with view ports on top of the hull and "porpoising" the submarine at the surface so that the conning officer could establish his course and aim torpedoes when the tower broke the water. Unfortunately, this approach had the adverse effect of revealing the attacking submarine to the enemy.

The first U.S. Navy periscope was a British-made "altiscope" rigged through the forward ventilator of USS *Adder* (SS-3, later A-2). The fixed-direction device underwent trials in November 1902 and impressed the trials board, but they asked for additional improvements, including two different lengths. Follow-on tests onboard *Adder* and USS *Moccasin* (SS-5, later A-4) were less impressive, with the CO of the test boats stating in September 1903 that he preferred Lake's omniscopes. The Navy attempted to purchase periscopes from Lake, but he was only interested in selling entire submarines. In any event, the omniscopes were apparently too large physically to gain lasting favor. Electric Boat, created in 1899 with the Holland Torpedo Boat Company as a wholly owned subsidiary, developed a rotating periscope, but these eventually fell out of favor because, as it rotated, the image rotated as well, so that when the periscope faced aft, the image was inverted (similar to Lake's omniscopes). It appears now that while periscopes had become standard equipment on U.S. submarines by 1905, their design had not yet been standardized. The Navy continued to experiment with both fixed and rotating periscopes – the latter with either a fixed eyepiece or walk-around design – and varying sizes and diameters. In 1909, the Navy also began experimenting with periscopes that could partially retract into the submarine, to reduce drag. As a result of this continuous experimentation, the Navy only awarded small specialized periscope contracts as new submarines were built or as replacement optics were needed.

Meanwhile, Holland still refused to use these early periscopes, believing that they were too limiting operationally. Because the early instruments were relatively short, with a fixed height, a certain amount of "porpoising" was still necessary to bring the boat near the surface. If the periscope tube was too short, the submarine hull could easily broach the rolling waves, but if it was too long, the image became too dim and was significantly distorted by vibrations in the mast induced by

the moving water. A thicker tube damped the vibrations but also increased the wake created by the periscope as it cut through the surface of the water.

The basic design for the modern periscope was perfected by the industrialist Sir Howard Grubb in Britain. His father founded a Dublin telescope-making firm, which Grubb eventually inherited. Renowned for his optical expertise, Grubb was commissioned to develop periscopes for the British Royal Navy's new Holland-designed submarines in the early 1900s. Improving upon Lake's omniscopes design, Grubb eventually perfected his own version during World War I, which was installed on the majority of the British Royal Navy's submarines, and on several U.S. Navy boats. The Grubb periscope and subsequent variants remained the submarine's only visual aid for over fifty years, until under-



water television was installed aboard the first nuclear-powered submarine, USS *Nautilus* (SSN-571).

From these early days through World War II, various improvements were made to periscopes, including the ability to rotate and be retracted into the hull. This allowed periscope tubes to become longer while the diameter was decreased to reduce wake. Around 1911, Dr. Frederick O. Kollmorgen proposed the introduction of two telescopes into the periscope, instead of a series of lenses. This allowed the window at the top of the periscope to become a simple piece of glass, as opposed to a prism, which in turn allowed for a much smaller head. The telescopes also made it easier to develop tubes of various lengths because of the lack of intermediary lenses. In 1916, during World War I, Kollmorgen formed the Kollmorgen Corporation, which quickly became the dominant U.S. periscope manufacturer. The two-telescope design was tested during the war, and became standard for periscopes into the modern day.

(see "EYES," next page)

In the late 1930s, submarine operators convinced the Bureau of Ships to develop a new type of periscope that eventually became the "needle nose" Type 1 attack design. This featured a tube that tapered at its head to reduce the surface wake. Recognizing that by this time aircraft were a major threat to submarines, Kollmorgen in 1940 offered a modified Type 1 periscope, dubbed the Type 2. The Type 2's field of view extended to 90.5 degrees of elevation, which enabled the attack periscope to cover the entire sky. The Type 3 designation was used for earlier large-head search periscopes, but this was replaced in World War II by the Type 4 night periscope, which featured a much fatter head (for greater light-gathering power) and a shorter tube (to reduce loss of light inside). A major innovation during this period was the advent of quality periscope photography.



Throughout the course of World War II, most submarines sailed with two instruments – an attack periscope and a search/night periscope. The Type 2 periscope could only operate during daylight, but it was known for superb optics and minimal wake. Improvements were made for greater depth, improved optics and optical coatings, and photo capabilities, and it remained in use through the 1990s.

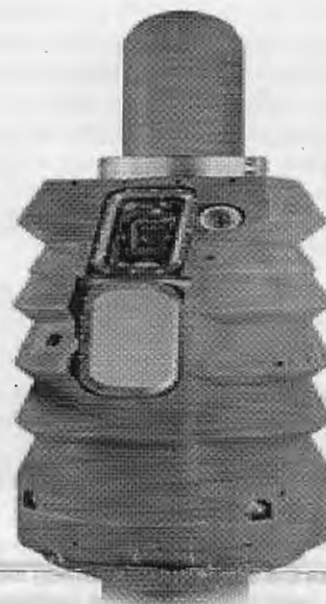
By the 1950s, evolutionary improvements to the Type 4 design resulted in the Type 8 periscope. Frequent modifications during the decades since have made it one of the primary "hull-penetrating" periscopes in the fleet today, used on all USS *Los Angeles* (SSN-688)-, USS *Seawolf* (SSN-21)-, and USS *Ohio* (SSBN-726)-class boats. The Type 8 periscope features multiple levels of optical magnification, a day-and-night viewing capability, and an antenna system for EHF Low Data Rate (LDR) satellite communications.

Also in the 1950s, a special stabilized periscope, the Type 11 "star-tracker," was developed specifically for ballistic missile submarines to facilitate the more accurate navigation needed for missile launches. It was designed to take azimuth sightings of stars to update the planned Ships Inertial Navigation System (SINS), and it was the first periscope developed specifically for the nuclear-powered age.

With the advent of the *Los Angeles*-class fast attack submarine design in the late 1960s, the Navy developed a new attack periscope, the Type 18, which offered 18-times mag-

nification, as opposed to its precursor's eight. Kollmorgen again won the contract to design and build the periscopes, partly because their design allowed using a camera without removing the periscope's face-plate. This design eventually permitted the use of television cameras, whose images can be displayed throughout the submarine and recorded. The Type 18 periscope is one of the primary hull-penetrating periscopes in the fleet today, used on all *Los Angeles*- and *Seawolf*-class submarines. Important features of the Type

18 include multiple magnification levels, single-axis stabilization, digital photography, low-light image intensification, color television, and day-and-night viewing capabilities. The Type 18 periscope is currently undergoing upgrades for a video package known as SUBIS (Submarine Imaging Subsystem), a set of analog video and digital still cameras that record the view from the periscope and provide image enhancement software for image analysis.



Although the Type 18 represents the current state-of-the-art in U.S. submarine periscopes, the Navy's new USS *Virginia* (SSN-774)-class submarine will be getting a completely new set of eyes. *Virginia*'s AN/BVS-1 Photonics Mast has replaced the traditional optical lenses and prisms of conventional periscopes with electronic imaging equipment. Each *Virginia*-class submarine will have two photonics masts that do not require physical penetration of the ship's hull, but instead "telescope" out of the sail. Importantly, this allows *Virginia*'s Control Room to be moved from the cramped first deck to the more spacious second deck. Additionally, there will be no "gray lady" to dance with – or take up valuable control-room space – since the customary periscope in its below-deck well gives way to a fiber optic system that carries images from the photonics masts to two workstations and a commander's control console, each equipped with two flat-panel displays and a keyboard, trackball, and joystick. The masts are equipped with three cameras – color, high-resolution black-and-white, and infrared – in addition to a mission-critical control camera in a separate, pressure-proof and shock-hardened housing and a laser range

finder that will provide accurate ranges to targets and aids to navigation. All of these sensors are housed in the mast's rotating head.

CAPT David Portner, the Program Manager for the Imaging and Electronic Warfare Program Office, notes that "the Photonics Mast is one of the revolutionary systems aboard *Virginia*. Its digital imagery design eliminates the need for a major hull penetration required for optical periscopes. Not only does it keep the CO from having to focus entirely on the top-side scene, but it has allowed the ship designers to break the hard link between the sail and the Command and Control System Module (CCSM). In doing so, *Virginia*'s sail has been moved forward for improved hydrodynamics and its CCSM relocated down one deck and aft, affording this critical space more room and an improved layout. The non-penetrating design also increases hull integrity and simplifies maintenance."

In a hundred years, submarines have progressed from having to porpoise at the surface to see outside, through crude viewing devices fixed in height and direction, to today's hull-penetrating, multi-purpose, camera-equipped scopes, which allow the boats to get a clear view of the outside world from up to 60 feet below the surface, while revealing almost nothing of themselves. And yet, today's periscopes are based on the same fundamental principles of prisms, lenses, and telescopes that their predecessors exploited a century ago. But radical change is on the way. With the first of the new *Virginia*-class submarines already in the water, the submarine's capability for viewing the world above the surface is taking off in the first fundamentally new direction since the days of John Holland and Simon Lake.



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Another contribution is presented by The SubVettes Commander to the New Life Center, a refuge from domestic violence. Accepting the check is Carrie Vidal Grant, a volunteer coordinator at the center.



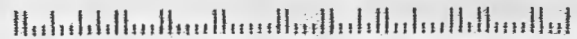
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NEXT REGULAR MEETING - February 19, 2005
American Legion Post #62
11001 N. 99th Ave.
Starts at 1200 hours