

RTV TEAM from Page 1

step between laboratory and full-scale testing."

The RTV airframe was built by Boeing. NWC personnel designed, fabricated and integrated all RTV flight-control systems; the system interface unit or autopilot; and the power-distribution system. They also designed the recovery system and recovery-system electronics, wire harness and independent flight-termination system. The personnel also had program management responsibility and performed hardware-in-the-loop testing

and system qualification, integration and checkout.

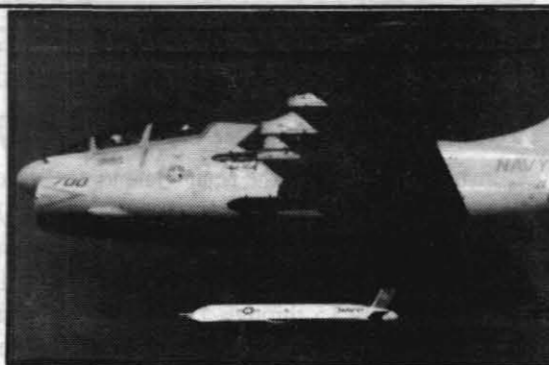
According to Paul Homer, head of the Attack Weapons Department, the technical challenges encountered by the NWC team were substantial. The vehicles (airframes) were delivered with poor quality components and fabrication techniques, and an inadequate and incomplete drawing package, he said. As a result, the NWC team had to qualify or replace parts, conduct extensive fit checks and testing of the hardware, and redesign and

modify systems such as the rudder deploy/retraction system and the wing deployment system. The team also had to perform the necessary structural and thermal analysis of components necessary to qualify the vehicle for carriage and launch from a Navy aircraft, as well as its other responsibilities.

When funding from Washington, D.C. dried up, the base supported the project since "upper management really believed in the vehicle," Mangrum said.

"The NWC team demonstrated technical excellence as well as dedication to the goal of successfully qualifying and flight testing the RTV," Homer said. "Despite numerous and significant technical and funding problems, the China Lake RTV team remained constant and focused on the program goals; thus exhibiting a 'can do' attitude by putting forth the extra effort when required to get the job done."

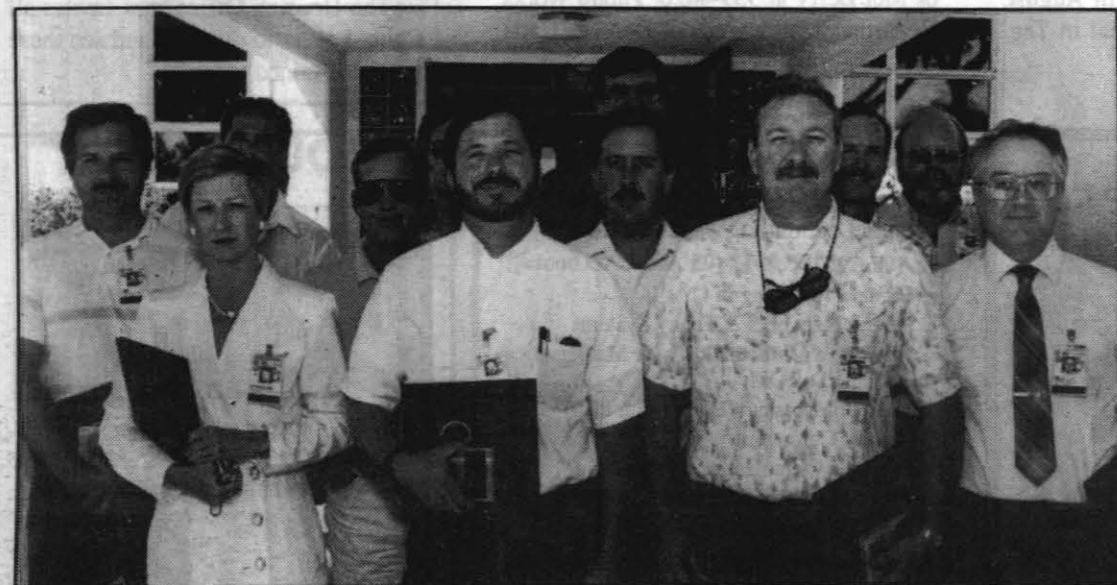
In May 1991, the team conducted its first success-



ful flight test of the RTV when it was launched from an A-7 aircraft. Remotely controlled from the ground, the 26.14-mile flight lasted three minutes and 44 seconds from aircraft release to parachute recovery-system initiation. Later that year, the team conducted another successful test, this time, with a fiber-optic payload.

Mangrum said this vehicle is unique. While he believes the Air Force may have a similar vehicle that is supersonic, the RTV, which is subsonic, is a first for the Navy.

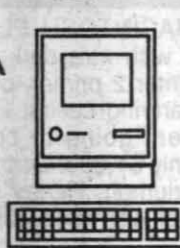
"The success of this project is a credit to your integrity and positive thinking exhibited during the past several years," Capt. Douglas W. Cook, former NWC commander, wrote in the team's citation letter. "As a result, your team demonstrated a cost effective, recoverable vehicle for integration and evaluation of advanced technologies applicable to future Navy anti-surface weapons systems."



RTV TEAM—(front row, l to r) Cynthia Privoznik, Carl Finch, Joe Kitchens and Bill Deemer, (middle row) Jim McManigal, Steve Reeve, Pete Lilly and Terry Mangrum (back row) Jim Wooley, Dan Decker, Grant Hanson and Bill Martin.

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THE ROCKETEER

THURSDAY, JULY 16, 1992

NAVAL AIR WEAPONS STATION, CHINA LAKE

Vol. 48, No. 28

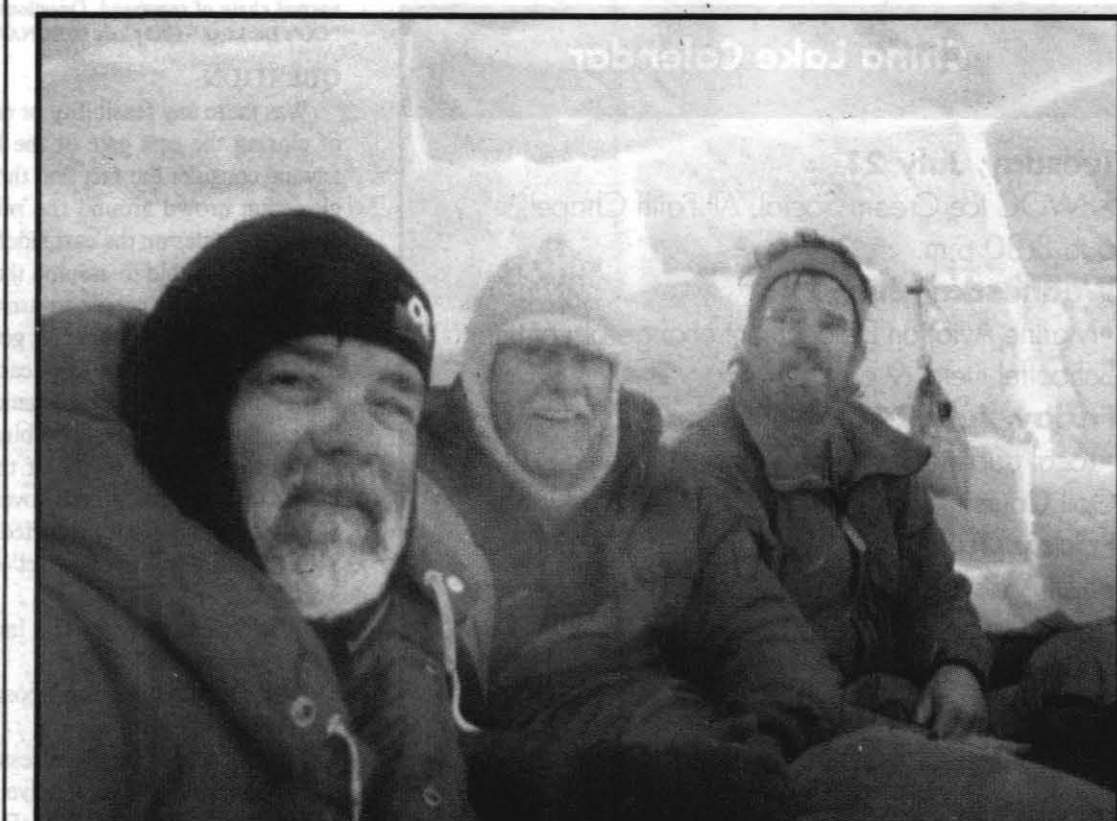
Louie Allen's drug abuse prevention efforts recognized

While it's taken awhile to come about, Louie A. Allen Jr. recently received a Certificate of Merit from Government Employees Insurance Company (GEICO) as a nominee for the distinguished GEICO Public Service Award. RAdm. William E. Newman, Naval Air Warfare Center Weapons Division Commander, presented the certificate last Thursday.

A senior project engineer working in the Aircraft Weapons Integration Department, Allen was nominated for the award in the Substance Abuse Prevention and Treatment category in July 1991 by Capt. Douglas W. Cook, then Commander of the Naval Weapons Center. While he did not receive the award, making it through several levels of review to be selected from numerous nominations as one of two nominees from the Department of the Navy is a significant accomplishment in itself.

"Allen's volunteer efforts take him to the front seat of a sheriff's four-wheel-drive vehicle searching for illicit drug labs in the rugged high desert," reads the opening paragraph of the nominating letter, "to the front of a kindergarten class in Ridgecrest, where, with the aid of McGruff the Dog, he talks about substance abuse to children who may soon find themselves prey to drug dealers."

Please see ALLEN, Page 9



MCKINLEY CHALLENGERS Bob Rockwell, Daryl Hinman and Tom Roseman spent two nights out of the wind and sub-zero temperatures in an igloo they built during their expedition. The story concludes this week in the center spread, Pages 10 and 11.

RTV work earns Team Award

By Peggy Shoaf
Staff Writer

Lead personnel working on the Recoverable Test Vehicle (RTV) Project at the former Naval Weapons Center recently received an NWC Team Award for an outstanding team accomplishment in a technical area. The award recognized the "multi-year development and integration effort" conducted by NWC personnel that resulted in a successful flight test of the RTV in May 1991.

Team members who received the award and their RTV responsibilities are: Carl Finch, electronics systems engineer; Don Harris, software/mechanical engineer; Joe Kitchens, mechanical/vehicle integration; Dan Decker, recovery electronics engineer; Peter Lilly, test planning and range safety; Red Sibley, mechanical integration; Cynthia Privoznik, flight test engineer; Grant Hanson, Hardware-in-the-Loop simulation engineer; Bill Martin, parachute systems

engineer; Jim Woolley, parachute rigger; Bill Deemer, aerodynamics engineer; Jim McManigal, structural engineer; Steve Reeve, range test coordination; and Terry Mangrum, project manager.

The RTV is a reusable flying testbed for air-to-surface weapon components, noted Mangrum. Components that can be tested include seekers, radome materials, guidance systems, control systems (including software algorithms), inertial navigation systems, radio frequency and fiber-optic data links and Global Positioning System hardware.

The 2,000-pound, 14-foot-long RTV is similar to a remote control model airplane, Mangrum said.

"It is a vehicle that can be used to bridge the gap between laboratory hardware and flight hardware," Mangrum explained. "The three payload bays can accommodate up to 800 pounds of flight-worthy brassboard hardware that has not yet been reduced to flight size, providing an intermediate

Please see RTV TEAM, back page

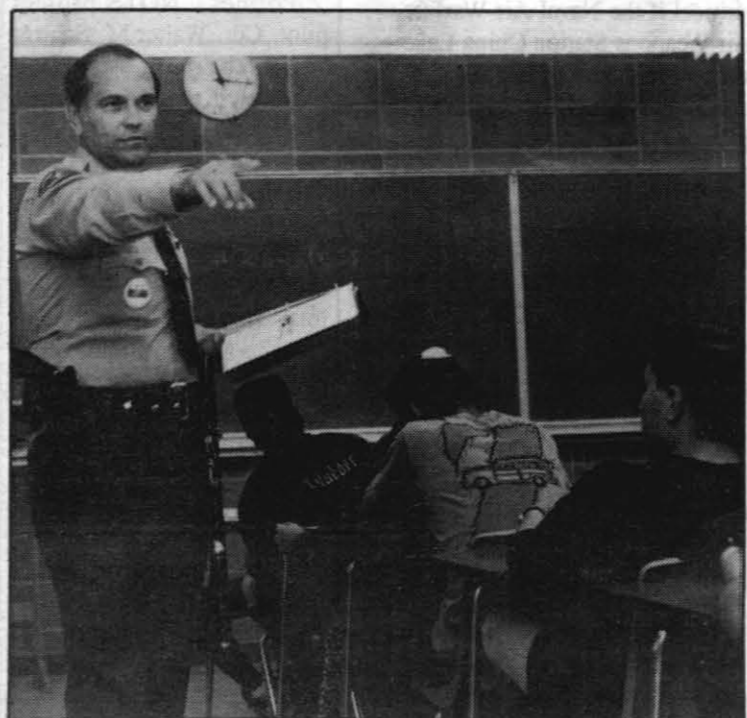


Photo by Terry Pascarella

DEPUTY LOUIE Allen asks a question of students in health class at Burroughs High School.

MAD CO recalls China Lake tour

Col. J.R. Agenbroad now ready to turn his command over to newcomer

3

Self-Managing Teams improve on product

Procurement Division 2 becomes first group to use new approach

13


Ice Cream Social scheduled July 21

PWOC hosts annual event at the All Faith Chapel

18

The Weather Report

	Max.	Min.	Gusts	Humidity
Wed	99	78	25	49-27%
Thurs	104	75	13	69-23%
Fri	106	73	21	53-19%
Sat	100	75	24	-
Sun	100	70	21	-
Mon	101	66	19	72-22%
Tues	103	69	16	69-21%



COMMENTARY

China Lake Calendar

Tuesday, July 21

•PWOC Ice Cream Social, All Faith Chapel, 6 to 8:30 p.m.

Wednesday, July 22

•Marine Aviation Detachment change of command, Schoeffel Field, 9 a.m.

Friday, July 24

•Local qualifier for Navy's SouthPac Tourney, NAVS Golf Course, 8 a.m.

Friday, July 24

•hJDEA dinner meeting, Carriage Inn Conference Center, social hour starts at 6 p.m., dinner at 7 and program at 8.

Thursday, July 30

•Environmental Research and Technology Symposium, Michelson Laboratory, Room 1000D, 8 a.m. to 4:30 p.m.

The Commanding Officer's Desktop



The Commanding Officer's Desktop is a forum for China Lakers who have questions of broad interest. It is not the intent of this column to circumvent the normal chain of command. Questions may be called in to 939-4127 or mailed to "CO's Desktop," C/O Code 0033, NAVS, China Lake.

QUESTION

Was there any feasibility or cost study done to determine the effect of closing the east gate of the Michelson Laboratory complex? Did anyone consider the fact that those 250 cars, not to mention the bicycles, that crowd around the middle gate will tend toward the two remaining gates on the east side?

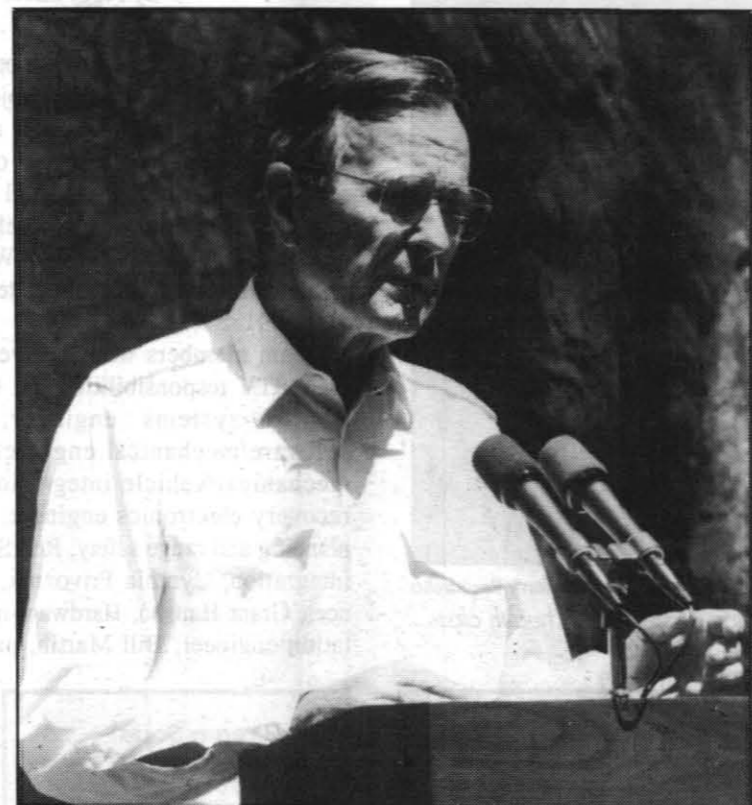
It is reasonable to assume that it will take these 250 people (or at least the last 250 people to arrive each morning) an average of two-and-a-half minutes longer to get to their office in the morning. Two round trips per day will cost each person 10 minutes per day. . . make that 50 minutes per week. Chances are good that the government, not the employees, will be absorbing this time. Consider that (conservatively) the average salary of those 250 people is \$25,000. Simple math shows the cost to the government is \$498.88 per day. Given the \$47,000 savings figure reported in *The Rocketeer*, we will save only \$180.08 per day. This is a net loss of \$318.80 per day. Is this really worth it?

In addition, consider the increased irritability and complaining from those most affected.

Please reconsider this proposal. Save the east gate!

ANSWER

To fully appreciate the necessity of the east gate closing of Michelson Laboratory, it is imperative that everyone, not just the past users of the gate, recognize that DoD budget cuts are real. Although there may have been an initial loss in productivity as a result of the gate closure, as identified in your calculations, that loss is a different kind of expense than the cost of a guard at the east gate. The gate was not a necessity and, therefore, a candidate for savings. Identifying and implementing this type of savings is critical if the Naval Air Warfare Center Weapons Division and Naval Air Weapons Station China Lake are to maintain its maximum workforce in the face of budget constraints. This policy is consistent with savings initiatives relating to the Burroughs and Sandquist gates' operating hours.



PRESIDENT George Bush visited the Sequoia National Forest Tuesday to sign an agreement to preserve Giant Sequoia groves. Besides *Rocketeer* Photographer Terry Pascarella, NAVS CO, Capt. B.J. Craig, and Rocky Lane and Tina Evans of the Land/Airspace Management Office were in attendance.

Pages From The Past

July 16, 1982

Ben Y.S. Lee and Herb Gollmar of the Ordnance Systems Department won TD Awards for their rapid development of a new deformable explosive compound for a NAVSEA program. . . Leroy Doig Jr. of the Engineering Department was saluted for 40 years of federal service by NWC Commander Capt. J.J. Lahr. . . Chips Mauer was hired at NWC as the new program coordinator in the Public Affairs Office.

July 14, 1972

LCDr. Robert St. Gremain won the American Society for Public Administration Russ Bjorklund Management Innovator Award for last year, NWC Deputy Commander, Capt. D.W. Alderton. . . Former NWC Technical Officer, Capt. Robert Moore will relieve Capt. Robert McCall as CO of the NAF next Friday. . . Capt. E.M. Wieseke, director of supply, received the Meritorious Service Medal. . . VX-5's Lt. Fritz Herr, has been assigned to join a Royal Navy squadron in Great Britain as an exchange officer.

July 13, 1962

Former NOTS project pilot, Cdr. Walter M. Schirra Jr., is the next American scheduled to go into orbit; Schirra will make six orbits around the earth this fall. . . Charles M. Drew and John Rambo of the China Lake Soaring Club constructed an original design sailplane for a long distance trip this summer. . . Martha Stalnaker is president-elect of the local Fleet Reserve Association. . . The Harold and Margie Boyle home at 203-B Ellis was this week's "Home Beautiful."

July 16, 1952

Armitage Field suffered its first test flight death since 1944 when LCDr. John E. Darden Jr. crashed his F2-H2 Banshee in front of 200 members of the Aviation Writers Association. . . The NOTS Civil Defense Unit is seeking volunteer Civil Defense Wardens from among China Lake employees. . . New air service connects Inyokern with Bishop for \$10 each way and Bakersfield for \$7 each way (plus tax). . . 900 children enrolled in NOTS Youth Summer Programs.

Work on Inyokern Road can be avoided via Blandy

Alternate routes will alleviate traffic tie-ups during morning and lunch hour busy periods

Inyokern Road from the Main Gate to the traffic circle is restricted to two lanes of traffic, one eastbound and one westbound, through 19. To help with the traffic flow, on July 15 through 17 Blandy Gate is open from 6 a.m. to 6 p.m., but will be closed on July 18 and 19. Normal traffic flow will resume on July 20.

Additional road work will take place July 20 through 26 on Inyokern Road east of the traffic circle to Richmond Road. All traffic during this period will be routed to alternate routes. This section will

be open for full use on July 27.

Richmond Road from Blandy to Lauritsen will have restricted access due to milling and overlay work which started yesterday afternoon. Access to the NWC Credit Union will be available by alternate routes. Richmond Gate will remain open throughout the construction, which is expected to last 10 days.

The final sealing and striping operations are scheduled to begin in August. There will be an announcement in *The Rocketeer*.

During the month of July there will be heavy equipment and workmen in various parts of main site. Everyone having business in the affected areas is encouraged to think about using alternate routes to avoid the construction areas whenever possible.

The traffic circle will be open for traffic during the construction work.

For further information on this project please contact Ron Metevier at 939-4409 or Mel Berry at 939-4420, Public Works Department, Procurement Branch (Code 2622).

July Yard Winners

Housing says. . . Congratulations to the recipients of the "Yard of the Month" for July. The winners are Chief Petty Officer and Mrs. Kevin Imes, 1512 Kearsarge; and Petty Officer Third Class and Mrs. Michael Terrell, 336 Sellars Circle.

The Station appreciates the time and effort put forth for improving the appearance of your yard and the housing area, the Housing Office said. Keep up the good work.

The Housing Office staff invites all China Lakers to drive by and see these well-maintained yards.

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MUST SACRIFICE: For sale by owner, '89 Oldsmobile Cutlass Supreme, in great condition. Low mileage, air conditioned, blue on blue! Asking only \$7,500 firm. 375-3855, 8-5 p.m., M-Th, ask for BJ. After 5 p.m., 446-5188. (0812)

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Published by High Desert Newspapers, Inc., 224 East Ridgecrest Blvd., Ridgecrest, CA 93555, (619) 375-4481
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The editorial content is edited, prepared and provided by the Public Affairs Office of the Naval Air Weapons Station, China Lake. Correspondence and material for publication should be addressed to: Editor, THE ROCKETEER, Code 0033, Naval Air Weapons Station. Phone: 939-3354. FAX: 939-2796
Deadline for receiving stories and photos is 4 p.m., Friday for publication on the following Thursday.
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PWOC annual Ice Cream Social next week

Members of the Protestant Women of the All Faith Chapel invite all China Lakers, and their families, to their 41st annual Ice Cream Social. Set for 6 to 8:30 p.m. July 21 at the All Faith Chapel, the social will feature fun, fellowship and good food. Homemade ice cream, pie/cake and beverage will be available for \$3 per adult and \$1.25 for children.

The Dixieland Band will provide entertainment for the adults most of the evening, while several activities for the children are being planned. Activities include washable tattoos, a duck pond, animal balloons and much more.



NEW TECHNICAL MANAGERS—Graduates of the Technical Managers Certificate Program were introduced and awarded their certificates at the Site Coordinator's Meeting June 29. Sterling Haaland, NAWCWPN's weapons director, (front row, left) joined graduates Daniel E. Smith, Alice F. Cathey, Carol A. Conrad, Martha L. Slayton and Jerald L. Smith and (back row, l to r) Eric P. Smith, Kevin E. Rhyn, Harold W. Davis Jr., Ralph R. Mattis, Roger D. Moorehead and Thomas R. Wiknich. Not shown are Deane Campbell and Stacey L. Howard. Participants can take up to three years to complete the 21-course curriculum, but some have received the necessary training and passed the final exam in less than a year.

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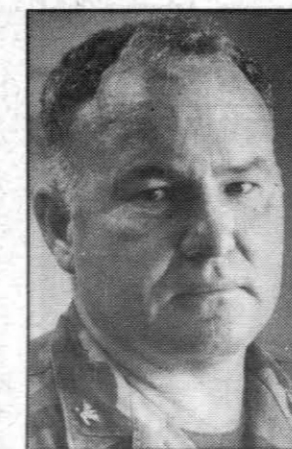
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Col. Jerry Agenbroad enjoyed his tour here as Marines' CO Headed for new job at Marine Corps Air Station El Toro

By Peggy Shoaf
Staff Writer

Colonel Jerry Agenbroad will be ending a two-year tour as commanding officer of the Marine Aviation Detachment next Wednesday. He took over as the detachment's commanding officer in August 1990. Agenbroad noted he is the detachment's third CO since its arrival in China Lake in 1988. "The first CO was here for only a very brief time; just for the stand up," Agenbroad said. "Then Colonel Banks took over for a full tour."



Col. J.R. Agenbroad

After being relieved of his command, Agenbroad will report for duty at the Marine Corps Air Station at El Toro. The colonel said he has enjoyed his tour at China Lake, especially being the CO. "I've enjoyed being the CO for two reasons," he said. "First of all, it gave me the ability to enter the weapons development process early enough in the development stage to make a meaningful influence on the combat capability that will be out there in the Marine Corps six or seven years hence. Secondly, being CO allows me to influence the young Marines coming up."

Agents said it gives him great satisfaction to be able to help his fellow Marines and to help them out of their difficulties. However, he said, the most discouraging part of being a CO is when he is unable to help a Marine who is in trouble. "If you remember,"

he said sadly, "we lost a Marine (through suicide) a while back."

A highlight of his tour at China Lake included tactical flying. "Any time a guy my age gets to fly a tactical airplane, it's a high point," he said smiling. Being able to fly two or three times a week was a real treat.

According to Agenbroad, it is common for a commanding officer to fly and that this is a flying billet. "It's important for the commanding officer to get out there and see the airplanes to see what the Marine Corps is receiving in the product," he said. "Unfortunately, flying billets are very few and far between," he added.

"This tour has truly been a rewarding experience, both personally and professionally for me, as well as my wife," the colonel said. "Getting to interface with so many talented and equally professional civilians and sailors has been a bit of an unusual experience for me and has broadened my horizons."

MAD change of command set for next Wednesday

Colonel Richard W. Chambliss will become the new commanding officer of the Marine Aviation Detachment at the Naval Air Weapons Station China Lake at a change-of-command ceremony July 22.

All the pomp and fanfare due such an event will be carried out, featuring the 31-piece U.S. Marine Corps Band from the Marine Corps Air Ground Combat Center, Twentynine Palms.

A reception will be held at the Seafarer Club immediately following the ceremonies.

MILITARY NEWS



CORVAIR MAN—AT1 McChesney received hand made Chevy Corvaire plaque from AMS1 Tuttle at retirement in late June.

AT1 McChesney retires to the Pacific Northwest

By Barry McDonald
Editor

In 23 years in the Navy, AT1 David A. McChesney had only three actual duty stations. His five Sea Service Ribbons, however, attest to the fact that he did see a bit of the world as a sailor. His official retirement ceremony was held June 25 at the Seafarer Club.

AT1 McChesney has served as the Aeronautical Material Screening Unit supervisor for the Aircraft Intermediate Maintenance Division (AIMD) at the Naval Air Weapons Station China Lake since August 1989.

"During your tour of duty at NAWS, you have demonstrated outstanding leadership, dedication and performance," the letter of appreciation from Capt. B.J. Craig, NAWS CO, reads, in part. "Your meticulous administrative screening of over 2,500 repairable components has directly resulted in the preparation and implementation of a highly accurate and effective individual component repair capability listing document specifically designed to meet the needs of the NAWS Aircraft Department."

Beyond the standard Dust Devil and Order of the Purple Sage, McChesney received a NAWS photo album, through special arrangements of an AIMD buddy (usually only E-7s and above get the album). AIMD also presented the petty officer a plaque in the shape of California with all Navy bases designated. And he received a copy of the Lone Sailor plaque.

AMS1(AW) Robert Tuttle presented a Chevrolet Corvaire emblem mounted on a plaque in the shape of the Chevy logo to McChesney, a Corvaire aficionado.

A native of Alaska, McChesney was raised in Washington state and entered the Navy a year out of high school from Palouse, a small town south of Spokane, in Jan 1970. After recruit training and a year at NATTC Memphis in Aviation Electronics Technician "A" School and Advanced First Term Avionics School, he reported to VAQ-129 at Naval Air Station Whidbey Island, Wash., in May 1972 for Fleet Replacement Aviation Maintenance Program (FRAMP) training on the

Please see **McCHESNEY**, Page 4



Photo by Terry Pascarella

MOVING UP—Last Thursday Col. J.R. Agenbroad, departing Commanding Officer, Marine Aviation Detachment, did the honors in promoting Joseph C. Rodgers Jr. to major from captain. The new major's wife, Eva, and daughter, Alesandra, assisted in the ceremony.

McCHESNEY from Page 3

EA-6B. A year later he was assigned to his first duty squadron, when VAQ-134, also at Whidbey Island, was reactivated as an EA-6B squadron.

In November 1975, he transferred back to the one-two-nine, where he worked in the AT shop.

In January 1979, he started similar squadron yo-yoing at NAS Lemoore. First at VA-122 for FRAMP training on the A-7, he was assigned three months later to VA-146. Then in May 1982 he went back to the one-two-two until November of 1985.

After some leave and leadership training, McChesney returned to NAS Whidbey Island, to VAQ-129 for more training in January 1986. In March 1987, he signed on with VAQ-132, still at Whidbey Island, where he served as shift supervisor, work center supervisor and, toward the end of the tour, damage control petty officer aboard the USS Forrestal. Then he came to China Lake, his first shore duty, in 1989.

In all he had six deployments with his various

squadrons. From January to October 1973, he was deployed with VAQ-134 to the Western Pacific on the USS Constellation. Then, while the squadron was deployed to Mediterranean aboard the Forrestal, from March to October 1975, he was TAD to Naval Station Rota, Spain.

With the one-four-six, he deployed twice to West Pac and the Indian Ocean on the Constellation, February to October 1980 and November 1981 to April 1982.

From May to November 1986, he cruised the Med with VAQ-132 aboard Forrestal, and again from April to October 1988, but the second time going into the Indian Ocean and the Persian Gulf.

McChesney with his wife Eva and 18-month-old Jessica Mae has headed back to the Pacific Northwest, for now staying in Spokane with relatives. He says, he's going to take it easy for a while, but then hopes to start a new career in retail management with a national grocery store chain—or maybe an auto parts chain.

Drivers license questions answered

By MAC Domenico Zaffora

The master-at-arms has been receiving some questions about out-of-state drivers licenses and the active duty service member. The State of California will recognize a valid drivers license from any of the remaining 49 states. The problems occur in the area of just what constitutes a valid state drivers license.

Listed below are the state-by-state requirements for active duty military members. It is very important to remember that these requirements apply to the active duty member only. The member's spouse has 10 days to obtain a California State drivers license upon entering the state. If members are discharged, retire from or enter the Fleet Reserve of the Naval Service, then they have to obtain a California State drivers license if they are going to stay in the state or obtain a valid state drivers license for the state they will be living in.

States with automatic extension include Arizona, Arkansas (by request only), California, Colorado, Illinois (by request only),

Please see LICENSES, next page

FISHING from Page 16

Fishing on the lake near Rock Creek has been excellent. Fishermen are catching the newly planted Alper's fishing on green wet flies, such as olive matuka and olive wooley buggers, silver rapallas, superdupers and green, pink and orange power bait. When fishing in the creek, dry flies or salmon eggs are the best bet. At Little Lake Valley, anglers are catching brookies with flies.

A Ridgecrest couple, Val and Mike Mason, caught a 5 lb. and a 4 1/2 lb. rainbow from the south shore of Convict Lake by using night crawlers. On the north shore, one lucky angler caught a 4 1/2 lb. rainbow by using green power bait, while another caught a 4 3/4 lb. rainbow by using night crawlers.

Fishing is still good in Alligator and McGee bays on Crowley Lake. Use night crawlers and green and pink power bait.

In the Mammoth Lakes area, trolling has been good at Lake Mary for those using a lead core line three to six colors with flashers, triple teasers and small rapallas. If using bait, try night crawlers, power bait and salmon eggs. At Twin Lakes, use flies, cripple calabates and superdupers, or bait such as baby night crawlers, salmon eggs and power bait. June Lake fishing has been all right, but the wind has been distracting.

China Lake hosts SouthPac golf tourney

Top military golfers throughout southern California and Arizona will gather at the Naval Air Weapons Station China Lake Golf Course August 3-7 to compete in the Navy's Southern Pacific Sports Conference Men's Open, Senior and Women's Invitational Golf Championships.

According to Recreational Services Bulletin No. 22-92 from San Diego each major shore command is requested to send qualified players to the competition.

Military bases authorized to take part are Naval Hospital, Naval Submarine Base, Naval Training Center, Naval Station and Marine Corps Recruit Depot, all San Diego based; Naval Air Station Miramar; Naval Air Station North

Island; Marine Corps Base, Camp Pendleton; Naval Station Long Beach; Naval Air Weapons Station Pt. Mugu; Naval Construction Battalion Center, Port Hueneme; Naval Air Weapons Station China Lake; Naval Weapons Station Seal Beach; Marine Corps Air Station, El Toro, Santa Ana; Marine Corps Air Station, Yuma, Az.; Naval Amphibious Base, Coronado; Naval Air Facility, El Centro; Marine Corps Air Ground Combat Center, Twentynine Palms; and Marine Corps Logistic Support Base, Barstow.

To qualify for the tournament, each major shore command needs to conduct an elimination tournament to determine a maximum of four open players and two senior players for entry into the Confer-

ence Championships. To be eligible, open qualifiers must average no more than 13 over par and senior qualifiers no more than 18 over par in the local tournament.

Due to the limited number of women participants, women are exempt from qualification tournaments and may enter directly into the Conference Championship.

To be eligible for the Senior Division, participants must have reached their 40th birthday on or before August 3, 1992.

After the first 36 holes in the Conference Championships, the open division will be cut to 32 players, while the senior division will be cut to 16. Those surviving the cut, plus all women golfers, will play a full 72 holes.

Local linksters have opportunity on July 24 to qualify for Navy tournament competition

On Friday, July 24, Tom Page, manager of the Naval Air Weapons Station China Lake Golf Course, will hold a qualifier for the Southern Pacific Sports Conference Invitational Golf Championships. Play begins at 8 a.m.

The qualifier is to determine the top active duty military golfers in the China Lake area. Page noted the low four golfers (under 40 years of age) will be

entered into the Open Division of the championship tournament. The low two golfers who have reached or will reach their 40th birthday by August 3, 1992, will be entered into the tournament's Senior Division. Female golfers do not have to qualify, but can directly enter the championships.

To register for the qualifier, call Page at 939-2990.

Environmental R&T seminar

On July 30, an Environmental Research and Technology Symposium will be held in Room 1000D of Michelson Laboratory from 8 a.m. to 4:30 p.m. Intended for scientists and engineers, the purpose of the symposium is exchanging information on the rapidly expanding field of eliminating or disposing of waste products. The agenda will include presentations on the regulatory environment, local projects and potential sponsors.

KNID Navy Channel 17 Schedule Monday-Friday July 20-24. 5:30 p.m. Navy News. 6:00 p.m. China Lake Environmental Overview: Past, Present, Future. 6:20 p.m. Hazardous Waste Minimization at Point Mugu. 6:25 p.m. This is White Sands. 6:45 p.m. Be Part of the Solution. 7:00 p.m. Liberation of Kuwait.



Photo by Terry Pascarella

KNID VOLUNTEERS—The Navy Channel, KNID, is up and operating on channel 17 on the Benchmark Cable system. Navy personnel helping to keep the station going are (front row l to r) ET3 Ronda Stocks, ET3 John Coltril, ET2 (SV) Dominic Marion, ET3 Karen Augustine, and ET1 (SW) Hector Hansen, (back row) ET3 Dennis Colomb, ET2 Robert Keeney, ET3 Joe Williams, ET2 Jack Heath, and PHC Roger Hadley. Not shown are volunteers ACC Rick Adam and ET3 Dave Allen. KNID's program schedule is beginning to fill up. See listings for next week on this page.

All Faith Chapel Services. Protestant: Sunday Worship Service, East Wing 8:00 a.m.; Main Chapel 10:30 a.m.; Sunday School 1008-10 Blandly & 1903-05 Mitscher 9:00 a.m.; Bible Study (East Wing), Wednesday (September thru June) 11:30 a.m.; Men's Prayer Breakfast, East Wing, Thursday 6:30 a.m.; Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday 7:00 p.m. Jewish (375-0385 Messages): Weekly Services (East Wing), Friday 7:30 p.m.; Adult Hebrew Lessons (East Wing), Saturday (September thru June) 3:00-5:00 p.m.; Religious Education (East Wing), Sunday (September thru June) 9:30 a.m.-12:30 p.m. Roman Catholic: Sunday Mass, Main Chapel 9:00 a.m.; Daily Mass, Small Chapel 11:35 a.m.; Confessions, Weekdays By appointment; Religious Education Classes, Sunday (September thru May) 1902 Dibb, 1002 Blandly, 1008-10 Blandly & 1903-05 Mitscher 10:15 a.m.; Scripture Classes, Tuesdays (October-January) St. Ann's Parish Hall 7-8:30 p.m. Islamic: Jumaa Prayer, Friday (1002 Blandly) 1:00 p.m.

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SPORTS

Softball:

Two teams have unbeaten week in intramural loop

Six games were played in the NAWS China Lake Intramural Softball League last week. In the action, the VX-5 and Team Vampire teams won two games each. Only two teams submitted completed game reports to *The Rocketeer* by the Friday deadline for news items.

AO's 12, Dirt Devils 11
Trailing 11-10 going into the seventh inning, the AO's used tallies by S. Percy and Galvez to nip the Dirt Devils at the wire. Bill Overbee was the winning pitcher. Six Dirt Devil errors paved the way for the AO's win.

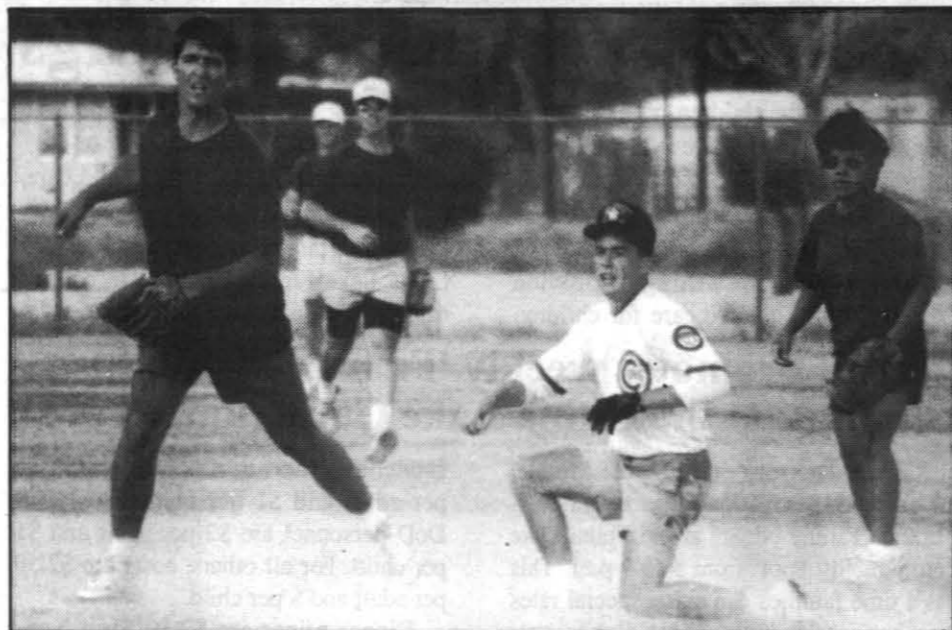
VX-5 22, Independents 16
Miller was the winning pitcher and Bob Warner took the loss. The Independents amassed 26 hits, but the VX-5 sluggers notched 30 hits off Warner and Dunnam.

Team Vampire 16, Knaves 14
Despite four runs in each of the sixth and seventh inning, the Knaves couldn't hold off Team Vampire and seven runs in the final at bat.

Knaves 12, Independents 3
Giving the Independents the first score, the Knaves came back to hammer out a 12-3 win.

VX-5 21, AO's 2
Two runs in the first inning was all the VX-5 squad allowed the AO's. The winnings took a 4-2 edge after one inning and never looked back. It was a 13-2 games after just three innings.

Team Vampire 15, Dirt Devils 8
Four runs in the seventh inning turned a close game around for the Vampires.



TEAM VAMPIRE players (with gloves) watch the ball on an attempted double play during Intramural Softball action last week.

Fishing as hot as weather in the eastern Sierra

Fishing spots throughout the Eastern Sierra region have been hot, notes a report from the Bishop Chamber of Commerce. However, due to the high fire danger, all anglers and campers are warned to use extreme caution and to be careful.

In the Big Pine area, the Owens River has been releasing limits to anglers using red power bait, night crawlers and yellow rooster tails. Garden worms, green

power bait and salmon eggs are working at Big Pine Creek.

At Lake Sabrina, North Lake and South Lake, fishermen are catching limits by using a fly bubble combination, matuka flies, grey hackle peacock, mosquito flies and power bait. For Bishop Creek, use worms and power bait. Night crawlers are the best bet at Pleasant Valley Reservoir.

Please see **FISHING**, Page 17

LICENSES from Page 4

Iowa, Louisiana and Maine (by request only). Other states with automatic extensions are Maryland, Massachusetts, Michigan, Minnesota, Montana, Nebraska, New York, North Dakota, Pennsylvania, South Dakota and Tennessee (by request only). Additional states with automatic extensions are Texas, Utah, Vermont, Virginia, Washington and West Virginia.

States without automatic extensions include Alabama, Alaska, Connecticut, Delaware, District of Columbia, Florida and Georgia. Other states without the automatic extensions are Hawaii, Idaho, Indiana, Kansas, Kentucky, Mississippi, Missouri, Nevada, New Hampshire and New Jersey. Additional states without automatic extensions are New Mexico, North Carolina, Ohio, Oklahoma, Oregon, Rhode Island, South Carolina, Wisconsin and Wyoming. The Canadian provinces also don't have automatic extensions.

Any active duty member who has a license from a state with automatic extension or have met the requirements of the four states that are extension by request only, is a "Good to Go." Any active duty member who is licensed by a state without automatic extension, and the license has expired, the license must be renewed or the member must obtain a California State license.

Wellness Corner

From USA Today, May 14, 1992

Exercising employees make better, more productive employees, a new report says.

One in five people using a health club joined because of company-sponsored employee fitness programs, says the Association of Quality Clubs. A new

report by the group, which represents 2,000 clubs, cites examples:

•Increased productivity. Union Pacific Railroad found 80 percent of its employees thought exercising made them more productive and helped concentration.

•Decision-making. A nine-month Purdue University study of 80 people found those who began exercising increased ability to make complex decisions 70 percent.

•Absenteeism. General Electric Company found employees who exercised

were absent from work 45 percent fewer days than non-exercisers. Dupont, the Dallas Police Department and General Mills had improvements from 14 to 80 percent.

•Less turnover. Tenneco found fitness participants 13 percent less likely to leave than others; over seven years, Canadian Life found exercisers 32 percent less likely.

"Fitness is an essential part of the best-run companies," says Mesa Petroleum Chairman T. Boon Pickens.



EARTH WEEK was the theme celebrated last week at the MWRV Youth Center. Amigo's Nursery donated three Italian Cypresses, Earth Landscaping donated a 15-gallon Mesquite and Means Nursery donated an Italian Cypress for the children to help plant and then maintain. Children receiving the donations were (l to r) Danielle Ditsch, Brian France, Jesse Schneider and Stephanie Roach. Jeff Donnally (back, left) represented Earth, John Tierney brought Amigo's donation and Matt Mechtenberg, youth Center teacher, helped receive the gifts.

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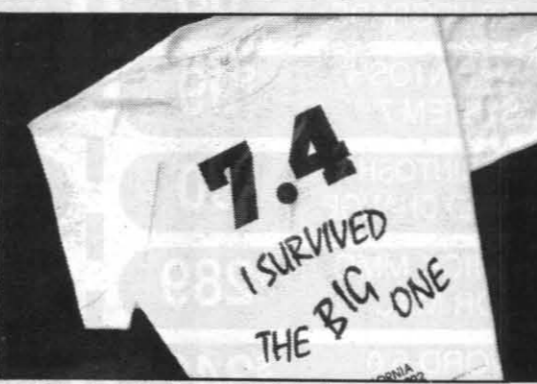
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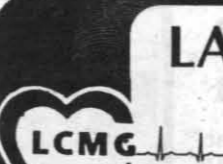

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Retirement:

One word means many things to many people

By John Powers,
Retirement Program, Code 221

This is the first in a series of articles dealing with different aspects of retirement. I hope these articles will be informative and useful.

We all think about it, some of us plan for it, but many of us are afraid of it for one reason or another. Retirement is many things to many people.

I will never forget an experience I had a few years back when I was working in the Social Security Office. I had a gentleman storm into my office, throw a piece of paper on my desk, and ask me, "How do you expect me to live on that?" That, I found out, was the "Award Letter" he had received from the Social Security Administration telling him he would receive about \$850 per month for the rest of his life (subject to COLA increases, of course).

The maximum amount of Social Security at that time was about \$950 per month. Although this gentleman was not receiving the maximum benefit, the amount he would receive was very high compared to other workers—the average being paid was about \$550 per month. I was very sympathetic, but there was nothing I could do for him. The amount he was to receive was established by law. This gentleman should have planned for his retirement at an early age—he evidently had not.

This scenario could apply to any of us. We must plan for retirement early in life. By so doing, our "retirement" years can be worry-free and enjoyable. So, the first thing we should all do is plan for retirement. This could be in the form of some type of savings, investments in real estate, an Individual Retirement Account (IRA), or the Thrift Savings Plan (TSP) for federal employees, or some other plan for providing retirement income.

The next thing we should do is determine what we want out of retirement. If we do this, we will have a plan on "when" to retire. There is a multitude of reasons why we should want or not want to retire. When to retire is a giant decision in itself.

I have had contact with many retirees subsequent to their retirement decision. Some of these people did not retire when they became eligible, but elected to keep on working. This is a good decision for some people, but not for all. It is not uncommon to hear from a retiree who says, "I should have retired a long time ago, I didn't know what I was missing." Conversely, I have heard the comment, "I wish I hadn't retired, I have nothing to do."

If you plan for retirement, there are many many things to do, and these can be both enjoyable and rewarding. The trick is to know when to retire, and this is an individual decision. Let's discuss what we might do after retirement.

First, I think all of us look for some sort of leisure time. Some might want leisure time but also want to continue to work. This is accomplished easily. Some of the ways to do this might be to work part-time in the job we have following retirement; we could also work part-time in some type of work that is different from our regular job, or it may be something we always wanted to do but never had the time. Volunteer work is always an option. This can be fulfilling, but not always feasible as we may need the extra income to meet our necessary living expenses.

Some of us might want to travel after retirement. We might plan to do this for a short period of time, or we may want to continue to travel for an extensive period. Again, this is a personal decision that must be made. Remember, when the travelling wears thin and you decide to settle down, you will need a plan on what to do next. Don't get into a rut and have no plans beyond a short period of leisure travel.

Whether we really want to retire or not is a decision we should all make. This decision should be reviewed from time to time as our needs are constantly changing.

Please see **RETIRE**, Page 7

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Home care for kids openings

Openings for children of all ages are available through the Navy Family Home Care Program, notes Amy Bullock, program coordinator. The program now has more than 20 certified providers who are willing to provide quality and affordable care for children

in a loving and safe environment, she said.

People looking for quality child care, or who would like to become a provider in the program, should call the NAWS China Lake Family Home Care coordinator at 939-6683.

MWR promotes weekly 'Family Night' this summer at the China Lake Community Pool

Every Thursday evening, the Morale, Welfare & Recreation Department celebrates "Family Night" at the China Lake Community Pool from 5 to 9 p.m. This is a time families can enjoy special rates on entrance fees, low-cost dinner, volleyball and a variety of other water games. In addition, this is one time that families can bring out their favorite pool toys and rafts.

Special entry fees for military per-

sonnel and their dependents are \$1.50 per adult and \$1 per child. Costs for DoD personnel are \$2 per adult and \$1 per child. For all others, costs are \$2.50 per adult and \$ per child.

Dinner prices are \$2.50 for a hamburger chips and soda or \$2 for a hot dog, chips and soda.

For the younger set, the next MWR-sponsored Community Pool Teen Night is set August 11 from 7 to 9 p.m.

Freddy's Place offers daily specials throughout summer

Enjoy an "all you can eat" pizza and salad bar, and beverage (ice tea, coffee or soda) at Freddy's Place. Included in the salad bar is a hot daily special. Cost is only \$5.25 per person. The staff from Freddy's Place invites all China Lakers to clip and save the following week's menu so they don't miss any of their favorite dishes.

July 16 — Soup Bar

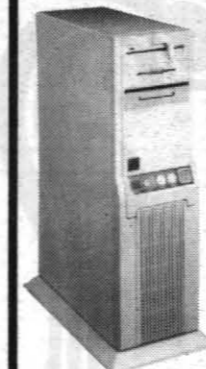
July 17 — Baked Fish & Fried Shrimp

July 20 — Vegetarian Lasagna

July 21 — Chili Bar

July 22 — Potato Bar

July 23 — Green Pepper Steak with Rice

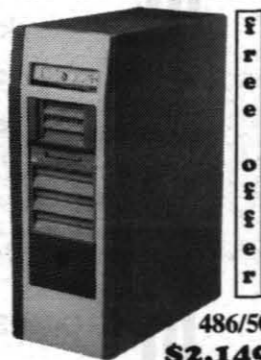


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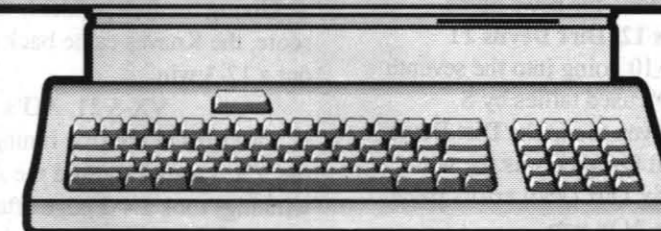
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CODE 252 from Page 13

Meriam's response was encouraging, and he gave his nod for the group to develop its own selection process and propose it to the department Executive Steering Group (ESG) for ultimate approval.

"They made it easy for me to say 'yes,'" recalls Meriam. "Their proposal demonstrated global thinking, and it was clear that they recognized how serious this was." Based on his basic trust in the effectiveness of group processes, and in the people themselves, Meriam's only caveat was that any process they developed be thoroughly planned, and have the complete consensus of the division.

Getting management's approval to select a division head

Personnel Management Advisor Nancy Robinson (Code 226) counseled the group about personnel regulations, requirements, and procedures as they developed a process for advertising and selecting the candidate. Several members developed written and verbal interview questions for applicants based upon criteria the group had generated. When their model was complete, two team members briefed the plan to the department ESG.

It was not an easy sell. Selecting candidates for division head and other senior department positions is the tradi-

tional purview of the department managers, and their participation is typically extensive. Managers were skeptical and many questions were posed. What kind of selection process would they use? How would they develop selection criteria for the job? Who needed to buy into this unique approach, and how would they obtain that approval? Ultimately, these issues were addressed by the team members, and the ESG gave its permission for the group to proceed with the actual selection.

The acting division head position was advertised within the Procurement Department as a temporary lateral transfer. All candidates were interviewed and assessed. Since fall of 1990, Tina Rockdale (Code 012) had served as the team's 'process consultant,' offering guidance and tools for group decision making as well as team building. As with other sensitive issues, Rockdale integrated the discussion of the interview findings, ensuring that clear, relevant information and full consensus were maintained. When it was final, the group informed the ESG of their decision, and in January 1991 Sandy Scharn-Stevens was selected as the acting division head.

(Next week Part 2 explores managing the division's workload and performance assessments.)

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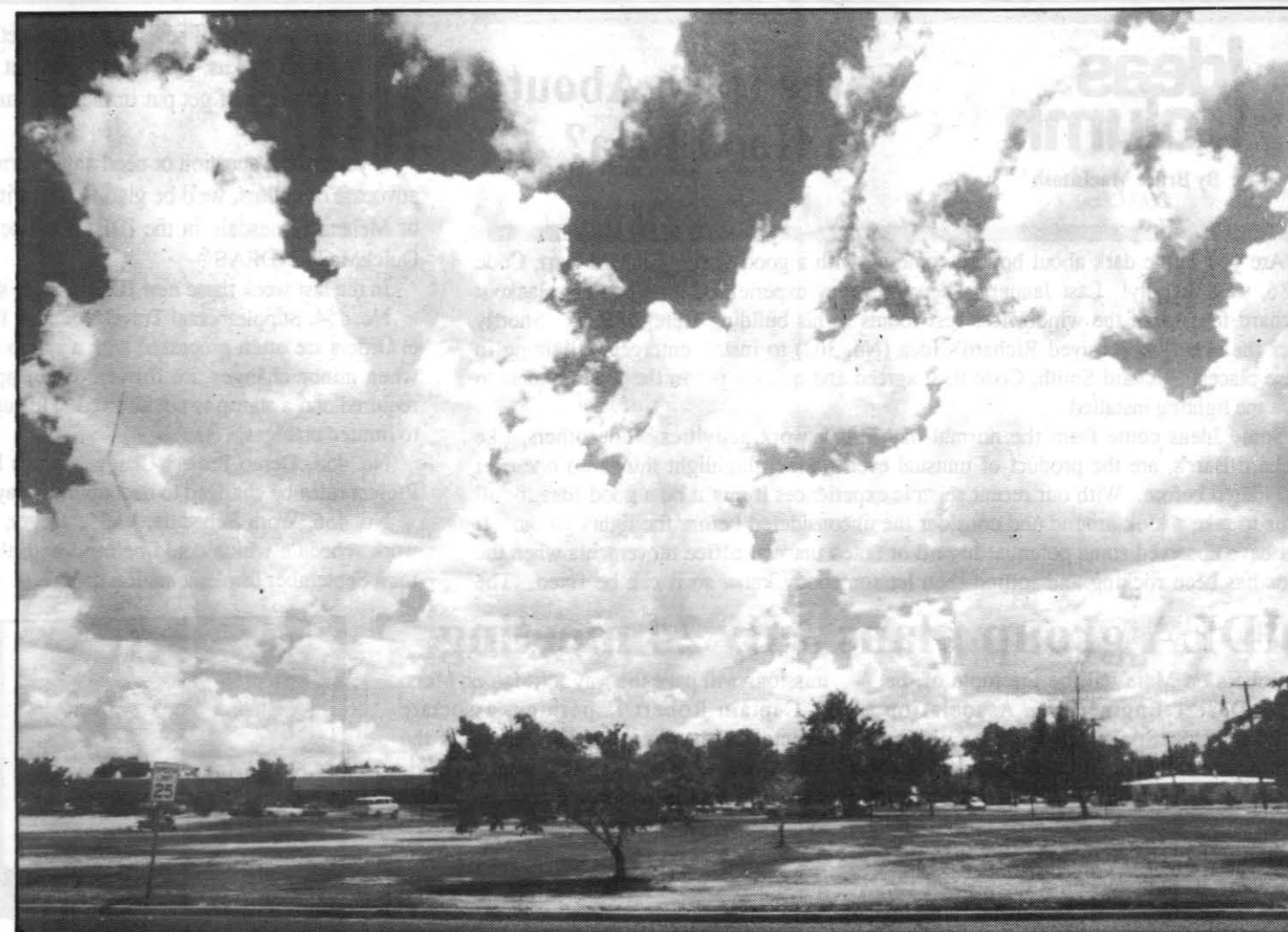
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RETIRE from Page 6

As a first step in reviewing your retirement options, I suggest you contact your PMA team. They will provide you with an estimate of your Civil Service retirement benefits. They can also provide additional information relating to retirement and should be able to answer any questions you may have. Call your PMA team listed below to get the ball rolling in your direction:

- Codes 05, 15, 22, 25 & 32—939-2925;
- Codes 06, 30, 36 & 64—939-3406;
- Codes 00, 01, 03, 19, 28, 64 (except Code 641, 644)& 19 (NAF)—939-2514;
- Code 24 & Professional Recruiting—939-2371;
- Codes 09, 31, 313, 38, 62 & 64—939-2393;
- Codes 21, 27, 34, 39 & NAWs—939-2883;
- Codes 26, 35, 37 & 61—939-2693.

The Training Office is establishing a Career and Life Planning Center which will provide various services for career planning, and will include a wide variety of information for retirement planning. We want input from employees to better determine what is most needed in the Center. There is a questionnaire inserted in this week's Rocketeer, which we urge all employees to complete and return. The questionnaire is self-addressed. All you have to do is complete the questions, fold, staple, and return. Next week look for "What You Need To Know About Your Civil Service Annuity."



UNUSUAL JULY—Tropical storms off the coast of Baja California helped bring thunderstorms and unusual cloudy conditions for mid-July. The clouds also brought cooler than normal July temperatures and high humidity to China Lake and the Indian Wells Valley for much of the past week. Summer has passed the mid-point and the area has yet (as of Tuesday) to record its first day of 110 degrees or higher. This is good weather for ice cream salespeople, air conditioner manufacturers and swimming pool operators.

Photo by Terry Pascarella

Kodak On GSA Schedule

Kodak EKTAPLUS 7016PS Printer

The Kodak EktaPlus 7016PS is a 300 DPI, 16 PPM PostScript printer that serves many different kinds of computers simultaneously. And it's a 6 PPM copier, too!

The printer comes standard with a serial RS-232/RS-422 port and a Centronics parallel port (two optional RS-232/RS-422, Centronics parallel, or AppleTalk ports can be added). And because the EktaPlus 7016PS can switch on the fly between HP-PCL, HP-GL, Adobe PostScript, Epson FX-80, IBM Proprinter, and Diablo 630 emulations, you can connect it to just about any type of computer and print without switching software or cables. Additional RAM and legal and A-4 cassettes are available. Call Falcon for details.

FPN: 1225-542 List: \$5,795 GSA Price: \$4,827

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Ideas Column

By Bruce MacIntosh
IDEAS Office

In the Dark About a Good Idea?

Are you in the dark about how to come up with a good idea? Richard Barr, Code 3686, was, literally! Last January when the valley experienced an electrical blackout Richard found that the windowless rest rooms in his building were DARK!! Shortly after the event we received Richard's Idea (No. 302) to install emergency lighting in these places. Richard Smith, Code 033, agreed and quickly put in the work request to have the lighting installed.

Some Ideas come from the normal day-to-day work activities while others, like Richard Barr's, are the product of unusual events which highlight things no one ever considered before. With our recent seismic experiences it might be a good idea for all of us to take a look around and consider the unconsidered before the lights go out. If you have observed some potential hazard or noted unusual office movements when the floor has been rocking and rolling then let somebody know so it can be fixed. The

hIDEA group plans July 24 meeting

Robots on Mars will be the topic of the High Desert Engineering Association (hIDEA) U.S. Space Observance dinner meeting set for July 24 at the Carriage Inn Conference Center in Ridgecrest. The event starts with a social hour at 6 p.m., followed by dinner at 7. The program begins at 8 p.m.

Robert H. Steinbacher, a member of the technical staff of the Jet Propulsion Laboratory, Pasadena, Calif., will present a summary of past missions of the Mars Observer spacecraft. The principal objectives of the Mars Observer will be explained, as well as how the robots of future NASA and Russian

missions will pave the way for Man on Mars.

Captain Robert Kapernick, associate director of the Weapons Directorate at the Naval Air Warfare Center Weapons Division, will be the program's master of ceremonies.

Dinner will be a Polynesian buffet, featuring teriyaki chicken, beef & brocoli, baked Mahi-Mahi, salad, vegetables, beverage and dessert. Tickets purchased by July 22 are \$15 each, while tickets purchased after July 22 are \$20 each. For tickets contact Jim Serpanos, 939-2619; Ed Brann, 499-5100; or Dave Southworth, 927-1922.

Ideas process is one of several ways to get these things looked at and, if it is the best way, then send it to us. The most important thing is to get the word out.

Don't let yourself get put in the dark, turn on the Ideas light bulb and send us your suggestion.

If you have a question or need any information about the IDEAS process talk to your advocate or call us, we'd be glad to talk with you too. You can reach Bruce MacIntosh or Melanie Truesdale in the IDEAS office at 939-2311, or E mail - SCF::IDEAS, or QuickMail - "IDEAS"

In the last week these new IDEAS were submitted:

No. 454, Supplemental Travel Voucher, Paul Amundson, Code 3912, notes that Travel Orders are often processed with a stamp for the Approving Official block. However, when minor changes are forwarded for approval the department head's signature is required and a stamp is not allowed. He suggests that the use of the stamp be extended to limited changes.

No. 455, Demo Project Change, James Rydeen, Code 352, proposes that the Demo Project rules be changed to decouple the payout from the performance rating.

No. 456, Work Schedule, Vickie Jaeger, Code 3642, has suggested another alternate work schedule which could be used with the announced compressed schedule planned for a September implementation date.



U.S. SPACE OBSERVANCE— Ridgecrest Mayor Kevin Corlett and NAWCWPNS Vice Commander, Capt. Douglas W. Cook, signed a hIDEA proclamation establishing this year's observance as July 19 to 27. Kimberly Nevins, a student volunteer of the Air-to-Surface Guidance Branch, presented the proclamation.

Aldus In Falcon's Catalog

Aldus IntelliDraw for Macintosh

Aldus IntelliDraw is a new kind of drawing program, with intelligent features that make it dramatically easier to visually experiment, refine, and represent your ideas. Innovative "smart tools" link graphics in your drawings so they respond to changes automatically. Create visual "what-if" scenarios with features like intelligent clip art, automatic symmetrical objects, and dimension lines. IntelliDraw also includes auto-alignment, shape blending, powerful text handling capabilities, unlimited layers, color gradients, standard drawing tools and more. IntelliDraw for Windows is also available from Falcon.

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Self-managing teams may hold key to real changes for China Lakers

Procurement Division 2 swings to new way of doing business

By Karen L. Buehler
Code 2803

(Editor's note: This is the first of a three-part series.)

General Motors has done it. Texas Instruments has done it. "Self-managing teams are being tried in many places, mostly in manufacturing, with great success," says Peter Block, in his 1988 book, "The Empowered Manager." But self managed organizations don't just spring into existence because someone says, "Go do it!" They evolve over time, and refocus themselves as they meet each new challenge. For managers who have toyed with this idea but doubted it could ever work in the 'real world,' one China Lake organization provides an example of how to begin the journey to becoming a 'self managed' organization.

"Basically the team, not the supervisor, is responsible for the recruiting, selection, scheduling, assignments, equipment purchases, and quality control," continues Block. "The supervisor... is responsible for defining the output requirements and negotiating with

the rest of the organization for the resources the team needs."

The catalyst for Procurement Division 2 (Code 252) to swing into a fully self managed style of doing business was the pending departure of their former division head, Ellen Klotz, on a two-year training assignment. The group of fourteen contract specialists, buyers, assistants, and clerks felt Klotz's managerial legacy of involving employees in decision making and allowing them wide latitude in 'controlling' their work life was key.

During a division retreat in November 1990, the group explored strategies for replacing their division head. One was not to have an acting division head at all during Klotz's absence. The preferred option, however, centered on the group's commitment to managing, or at least providing significant input into, the process of filling the position. To get a reality check on this less than conventional approach, the group invited Associate Procurement Department Head Jeff Meriam to join them during the retreat and discussed their ideas.

Please see **CODE 252**, Page 14

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Compu Chatter

Software upgrades now available

By Donna Hanson
PC Lab

Word 5.0 Bug

Microsoft has issued an upgrade to Word that fixes a problem that sometimes caused documents to open with the wrong fonts. If you have experienced documents reverting to the default font when moved to a different machine, even when fonts selected by the original user were available on the new system, you should get Word 5.0a. This free upgrade can be obtained by calling Microsoft Product Support at (206) 936-6735.

Disinfectant 2.9

Pick up your copy of Disinfectant 2.9 in the PC Lab. This new version will detect the latest Mac virus T4-A and T4-B discussed in last week's Compuchatter. It's important to keep your virus detection software up-to-date since virus writers are producing increasingly damaging programs.

Filemaker Pro Personalized Instruction

If you need help with your database or want a detailed explanation of Filemaker Pro's features, call Donna at 499-2081 to set up an appointment. Sessions will be between 1 and 2 hours.

Filemaker Pro 2.0 (for Mac and PC) will be released in the fall of this year. This is a cross-platform application and will give PC users the capability of sharing Mac databases. All graphics and font translations are done automatically between the two programs. The Mac version will be able to play QuickTime movies from a database record. We are Beta testing this software in the PC Lab and qualified support will be available for both Mac and PC applications when the product is released.

Did you know?

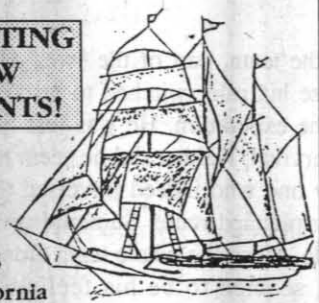
The Code 27 server has a file maintained by Code 3441. It contains the current version of official forms including the IDEAS form. Call 939-2524 if you need help on accessing this file.

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ALLEN from Page 1

In 1982, Allen joined the Indian Wells Valley Search and Rescue Team, which is affiliated with the Kern County Sheriff's Office. It was a natural step for him to want to become a reserve deputy. Beginning in 1986, Allen attended the Sheriff's Academy at Bakersfield College two nights a week and all day Saturday for two years, on his own time, to earn that designation.

As a parent, the nomination letter says, Allen recognized education is the key to stopping the rising tide of substance abuse. So he trained as an instructor in the "Dope is for Dopes" program and began making presentations at local schools.

Realizing talking alone isn't enough, Allen extended his efforts by establishing a program where local police officers and sheriff's deputies demonstrate the use of drug-sniffing dogs and show actual drugs and paraphernalia to various youth organizations.

With Burroughs High School being one of Naval Air Weapons Station China Lake's adopted schools, Allen conducts four one-hour class sessions covering the four major medical and seven legal categories of drugs at the school. Dressed in his deputy sheriff's uniform, Allen teaches the classes as a regular segment of instructor Maria McBride's health class curriculum.

Students take a final test with a possible 30 points, and Ridgecrest Cinemas rewards the highest scorer with two free tickets. Those scoring over 20 points each receive one free ticket. To date, the highest score has been 25.

Besides conducting the same classes at other senior and junior high schools on his own time, Allen presents the class as a single-session, four-hour seminar for businesses, government activities and parents. In this version he also includes the neurochemistry of chemical dependency and the necessity of communication and bonding to prevent drug abuse.

He also conducts a one-hour session to sixth through twelfth graders on the "Gateway to Drugs," peer pressure and how to realistically say no to drugs.

Since 1988, Allen (with McGruff) has operated a substance-abuse-prevention booth at the Desert Empire Fair.

He is a member of Sierra Sands Unified School District's Drug Abuse Education and Prevention Advisory Committee and is a trained instructor in the "Preparing for the Drug Free Years" program. Meeting in the evening for five two-hour sessions, Allen and "10 to 15 adults work through the complexities of raising healthy, drug-free kids," says the nomination letter.

Beyond his substance-abuse prevention efforts Allen also teaches wilder-



WELL DONE—Adm. William E. Newman presented GEICO's Certificate of Merit to Louis Allen last week. Photo by Terry Pascarella

ness survival skills in a Morale Welfare and Recreation Department program; conducts bicycle safety classes for children; makes two presentations, engineering and law enforcement, at high school career days; and conducts a program for youth on the importance of getting a balanced education.

While China Lake has supported Allen's efforts by preparing videos for his presentations, photographing narcotics and drug paraphernalia and pay-

ing for his time to conduct presentations at the Station Theatre, youth centers, Burroughs and schools on Station, the rest of the many hundreds of hours of community service is done on his own time.

He says his greatest reward is reading the constant flow of thank-you notes from children and realizing that, as much as one person can, he is helping those in need.

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When men and mountains meet

By Barry McDonald
Editor

(Last week, we left the Denali expedition team on the fifth day of the journey, eating their last "normal" meal.)

The next morning, April 28, they began the actual ascent, taking with them enough climbing food for 15 days (2.5 pounds each per day) and 20 days fuel (roughly 10 liters of white gas). They also carried two 120-foot ropes and anchors (two each snow pickets, ice screws and snow flukes) for the technical mountaineering portion of the climb. The initial load amounted to 100 pounds each, some in packs and some in plastic sleds they pulled behind them. For the first portion of the expedition they would have to do double carries—leaving half of their supplies at camp, carrying the other half to a reasonable spot, leaving it and returning to camp for the other half. They would have to be careful to mark their path since clouds can move in quickly making it hard to return to camp or locate the cache on the second trip.

"Unfortunately, for a traverse," said Rockwell, "you must carry everything up and over. For example, snowshoes would be useless above 10,000 feet but are needed on the Kahiltna Glacier on the other side."

With the temperature dropping steadily below zero, they passed over the "Hill of Cracks," a heavily-crevassed large mound on the Muldrow Glacier. They got "snookered" into some large crevasses, the diary says, but Rockwell led them out over some "spectacular" snow bridges. They camped one night on a snow covered crevasse after probing with ski poles showed the crevasse to be four or more feet below the surface.

On May 2 they camped in a dug-out shelter with a five-foot protective wall of snow left by a previous expedition. They were at 10,800 feet, near the base of Karsten's Ridge. This knife-edge ridge is the only way around the 3,000-foot near vertical Harper Icefall that separates Muldrow Glacier from Harper Glacier.

"Karsten's Ridge is the crux of the climb—the most technically difficult part. It's very steep, with thousands of feet of drop-off on either side, and very long," said Rockwell. "It's intimidating. When most climbers hear stories about Karsten's Ridge, they decide to take the West Buttress. The crest is so sharp that at points in the climb we were actually straddling it as we went up."

Earlier that day they had moved the sled cache up to a notch on the ridge at 11,000 feet, which seemed the best place for getting on to the crest of the ridge. A short fall by Rockwell caused them to switch from snowshoes to crampons for the first time.

On May 3, they awoke to a temperature of 20 below zero and began the assault on Karsten's Ridge. That afternoon they made camp at 12,100 feet on the ridge, where they built an igloo that they believe will be preserved for future parties by the continually cold temperatures. After retrieving their cache the next day, they spent a second night in the igloo.

They discussed the extremely low temperatures. With a three-degree drop per thousand feet, they estimated they would see 45 below zero at the summit. Hinman had been



Photos by Bob Rockwell and Daryl Hinman

colder than the others and wondered if he'd brought enough down wear. Having suffered frostbite on his previous climb of Denali, Rockwell thought about the possibility of a return bout, because his feet had been feeling the cold. They were at the last point they could easily retreat from, because the terrain was rapidly becoming more difficult. Any higher and the easiest way off the mountain would be up, over Denali Pass and down the other side.

They decided they could live with their problems.

Later, when they looked back at the igloo from a higher elevation, they discovered they had built it on a huge cornice (snow overhang). The diary says, "It was so big it had to be very secure; yet every now and then it must collapse."

On May 5, while unloading a cache at 14,400 feet, a gallon can of fuel, placed on the snow, slid down the slope, eventually dropping 500 feet into the Harper Icefall. They had instantly lost two-thirds of their fuel supply. Though they had allowed for a margin of safety, it was now gone, and they were very concerned. After some, at first excited, discussion, they decided by conserving they could stretch the remaining two quarts to seven days. And they continued.

On May 7, the real trouble began. The weather was threatening when they broke camp (at 14,600 feet) at 10 a.m. and began their first single carry with 70-pound packs up Harper Glacier. Roseman, who had trained the hardest and up to this point had been the strongest member of the team, was beginning to lose energy and needed to rest more frequently. He wanted to make a light carry that day and return to camp for one more night. Since they had lost the fuel, Rockwell felt they could "not afford that luxury" and they pressed on. Roseman's lack of energy caused them to travel slowly and stop a couple of hours early (3 p.m.) to make camp at 16,100 feet.

Weather was better the next day, but Roseman's condition had not improved. His symptoms indicated he had a touch of altitude sickness. They later learned this was the onset of high altitude pulmonary edema (HAPE), a condition in which the lungs fill with fluid because of low atmospheric pressure, and they have difficulty processing oxygen for the circulatory system. As a result, the heart must work much harder to supply the body with oxygen. The condition can progress to life-threatening seriousness in a matter of hours. Roseman did not have the typical symptoms of HAPE—coughing up a frothy phlegm, high breathing rate and gurgling sounds in the chest. His only symptom was loss of energy.

The only cure for HAPE is rapid descent. But, while they were knowledgeable about HAPE, they didn't consider it since he showed no obvious signs, and they

pressed on. (Ironically, Roseman had read about a high blood pressure medicine effective in warding off HAPE and wrote to a doctor requesting the medication, but it didn't arrive until the day after the expedition began.)

They camped that night near 17,600 feet still on the east side, close enough to make a bid on the summit. They prepared rations for the attempt, planning to go ultra-light with just a small amount of food and two quarts of water each, leaving packs and other gear behind.

Their 6 a.m. wake-up, however, showed high winds and thin overcast—conditions not good enough for a summit bid—so they waited. After a few hours, they no longer had the time for an attempt on the summit, but decided, at Hinman's suggestion, to press on over the pass and down to the high camp (17,200 feet) on the West Buttress. This would still leave them close enough for a bid the next day, put them in closer proximity to help if they needed it and get them a day closer to the finish.



SNOW BRIDGE—Tom Roseman crosses one of many crevasses. Bridges were probed with ski poles before any crossings were attempted.

Leaving at noon, they discovered Roseman's condition had worsened. He told them his resting pulse had elevated to 100 when it was normally in the 40s. They still didn't consider HAPE, and said later, at that point it wouldn't have changed the decision to go on over the pass. The weather was getting worse and they feared being trapped on the east side. As it turns out this was probably the most significant decision they made. The storm that hit the next day would have held them on the east side for at least five days, exhausting their fuel supply.

Now they were in 30-mph winds with no protected place to stop. Rockwell's notes say Hinman and he used every technique they could think of to keep Roseman

was concerned about Roseman, who was behind and above him. Suddenly, Roseman came hurtling past. Hinman yelled, "Falling!" as he was pulled off, but Rockwell, and then Roseman, arrested to stop the fall. They began placing snow and ice anchors for the remainder of the descent, still tethered to one another.

In a horrifying incident later, Rockwell fell a total of 180 feet when he accidentally pulled an anchor out. He slipped and started to slide. At the same time, Hinman was unanchored and starting to place an ice picket where he and Roseman stood together 60 feet below. Rockwell took Hinman with him, but Roseman was able to arrest them both, "proving he still had something left," says the diary.

Rockwell had fallen the additional full 120 feet of the rope, with Hinman being stopped at the midpoint. After the fall, Roseman showed he had even more "left" by climbing up to Rockwell's original location to retrieve an ice ax and snow shoes.

After that, they began true belaying—the process in which one climber descends on the rope, which is fed out slowly by the belayer and can be clamped off if the descending climber falls. Hinman would place anchor and belay Rockwell as he descended to the end of the rope where he would place an anchor. Roseman clipped on to the fixed rope to descend from Hinman to Rockwell. Hinman then removed his anchor and descended on belay past Rockwell and anchored in 120 feet below. They continued this pattern for several hours.

They camped at 10:30 p.m. at the first place they could set up their tent—a snow-filled crevasse on the 25-degree slope. They 200 feet higher and three-quarters of a mile from the established high camp that had been their destination. The temperature was 25 below zero, with a 30-mph wind chill equivalent of 87 below.

The 12-hour ordeal had taken its toll.

Despite waking to near perfect weather the next morning, they decided to send Hinman for help. Roseman and Rockwell had frostbitten feet. Rockwell, who had lost a mitten in one of the falls, also had some frostbitten fingers. Considering their overall physical condition, they felt to continue as a team would take at least another two days, and that amount of time in sub-zero temperatures would mean the loss of toes and perhaps part of a foot for Roseman.

Hinman left at 10:30, hoping to find help at the high camp. Finding no one at the 17,200-foot camp he went on to a ranger camp at 14,200-foot, reaching it about 1 p.m. The ranger called in a helicopter from Talkeetna and two hours later Roseman and Rockwell were plucked from the mountainside, leaving over \$5,000 in gear. The good weather window closed the next day, and a rescue by helicopter would have been impossible for the next five.

Transferring from helicopter to ski plane at the 7,000-foot camp, the two were transferred to a second plane at Talkeetna, which landed and taxied up to the emergency room of Humana Hospital in Anchorage at 6:30 p.m., just eight hours after Hinman left camp.

Since Hinman was ambulatory, after waiting four days for a break in the storm at the 14,200-foot camp, he walked down to the 7,000-foot airstrip camp in a day and

a half. He said the weather forecast predicted the storm as the worst in 10 years for that time of the year, with 110-mph winds at the summit. He also noted, that of the 11 deaths on Denali after the two locals were rescued, six were a direct result of that storm.

Roseman learned only after reaching the hospital his lack of energy and high pulse were due to HAPE, which, by inhibiting oxygen flow to his extremities, also contributed to severe frostbite of his left foot. After fearing he might lose all the toes on that foot, Roseman now says he will probably only lose part of his big toe. The tip of his nose, which was also frostbitten, will recover completely. Roseman stayed in the hospital for eight days, treated by two of the world's top frostbite experts, Drs. Wilbur Mills and James O'Malley. They could not explain why his right foot was unaffected.

Rockwell was also treated for frostbite of his toes and fingers and was released after two days. He will lose some skin but will recover completely.

"We knew as we were preparing for the trip what our chances were," said Hinman, when the three were interviewed recently. "You just hope to make it. We knew our route was a committing one...that if certain things happened at the wrong place, they'd be more difficult to solve. You're never sure of the weather, but part of the adventure is not having all the information."

They all credited their knowledge of each other and working as a team for their success. The others knew without being told when Roseman began to have problems.

"You just have to watch out for each other," Hinman said "because each member is such an important part of the team."

Rockwell agreed, "This is probably more true in mountain climbing than in any other sport."

Of Roseman's illness, they said HAPE can strike anyone, even though they may have been at extremely high altitudes before with no problem.

"But I like being the strong guy," said Roseman. "It was hard for me to accept being the weakest...I'm not used to having problems."

"It gets worse," said the elder Rockwell with a chuckle.

"It was hard for us all to admit, as a team, that we might not make it," said Hinman. "We're used to being the rescuers. But we finally had to accept that we needed to go for help."

Still part of the team, part of the "we," Hinman never seemed to realize his role switched to rescuer during the final hours of the expedition. He was just doing his part for the team's survival. Neither did he seem to realize that he was the only one who indeed traversed the mountain, completing their planned route. Submitting was the only thing he didn't do. Since the whole team didn't make it, he didn't make it, seemed to be his feeling—individual accomplishment, not important.

As to their ultimate goal of a wilderness adventure, the expedition was a resounding success. They all did traverse the mountain through Denali pass, as independent and as far away from the jostling street as they could. Before flying to their starting point the first morning, the trio met with a ranger in Talkeetna who was concerned they weren't taking a radio with them. During the interview, they explained their main reason for not taking the radio was the intrusion it would make on the wilderness experience.

"It would be like taking along a piece of what you were trying to get away from," said Rockwell. "It would have been a constant reminder and would have detracted from the whole trip."

The radio would not have been useful except on the west side anyway, unless a plane happened to fly over, they continued. "Besides," said Roseman, "there are other ways to signal for help...You can stamp out a message in the snow...or...you could send Daryl down the mountain."