

### Dress Ball to Highlight Navy League Week

The achievements of NOTS over its 20-year existence will be spotlighted next week at the Navy League's annual dress ball to be held at the Beverly Hilton hotel in Los Angeles.

The gala event is to be the highlight of a Navy League week that starts next Sunday and incorporates observances throughout Southern California, Nevada and Arizona.

Ray Sinnott, local exhibits branch head, said a special display of projects produced by NOTS since its establishment in 1943, will be installed at the Beverly Hilton, including a working model of a Sidewinder missile.

Adm. David L. McDonald, Chief of Naval Operations, will be a special guest at the ball, proceeds from which will go to the Navy Relief Society.

### Trustees Take Firm Stand on Dress and Conduct at Schools

Based on the theory that appropriate dress and grooming are closely allied with good behavior, trustees of the Kern County Union High School District last week took a firm stand on student dress and conduct at school and school dances.

The board action puts added teeth into codes of dress and behavior already existing in member-schools.

An addition to the district administrative code, approved by the school board, grants authority to the schools to determine minimum standards of dress and grooming.



**NEW MAINTENANCE OFFICER** at NAF, Cdr. William L. Reardon Jr., comes to NOTS from Carrier Division 7 Staff aboard the USS Constellation (CVA-64). Prior to that he was CO of Fighter Squad, VF-141. A native of Warwick, R. I., he attended Brown University at Providence, R. I. Cdr. Reardon, his wife Betty and 3 children, Nancy, 12, Betsy, 15, and Michael, 18, are now living on the station.

**Adult Dance Tonight** Don't forget the Adult Station Dance at the Community Center tonight! The famed Com-CruDesPac band from San Diego will play, starting at 9 p.m. Admission is \$1.00. All Station personnel 21 years of age and over are invited.

## SHOWBOAT

**FRIDAY OCT. 18**  
"THREE STOOGES GO AROUND THE WORLD IN A DAZE" (93 Min.)  
Joan Freeman  
7 p.m.

(Comedy) Crooks con a man into betting he can go around the world in 80 days without spending a cent. They rob a bank, blame it on the patsy and his three (Stooge) servants, and the chase is on. (Family).  
SHORT: "Child Sociology" (7 Min.)  
"Derby Daze" (10 Min.)

**SATURDAY OCT. 19**  
— MATINEE —  
"THREE STOOGES MEET HERCULES" (87 Min.)  
1 p.m.

SHORT: "Big Mouse Blues" (7 Min.)  
"African Jungle No. 2" (16 Min.)  
— EVENING —  
"RIDE THE HIGH COUNTRY" (94 Min.)  
Randolph Scott, Joel McCrea  
7 p.m.

(Western in Color) Two ageing marshalls contract to escort gold dust from the mines to a bank. A disillusioned pretty bride's in-laws try to get the gold. Realistic story plus action galore. (Adults and Young People).  
SHORT: "Scat Cats" (7 Min.)  
"Rabbit Fire" (7 Min.)

**SUN.-MON. OCT. 20-21**  
"JASON & THE ARGONAUTS" (104 Min.)  
Todd Armstrong, Nancy Novacks  
7 p.m.

(Fantasy in Color) Adventures of Jason in his quest to free his country of a wicked ruler. Monsters, fighting skeletons, etc., bar his path to the kingdom. Superb special effects — action galore! (Family).  
SHORT: "Bwana Magoo" (7 Min.)

**TUES.-WED. OCT. 22-23**  
"THRILL OF IT ALL" (108 Min.)  
Doris Day, James Garner  
7 p.m.

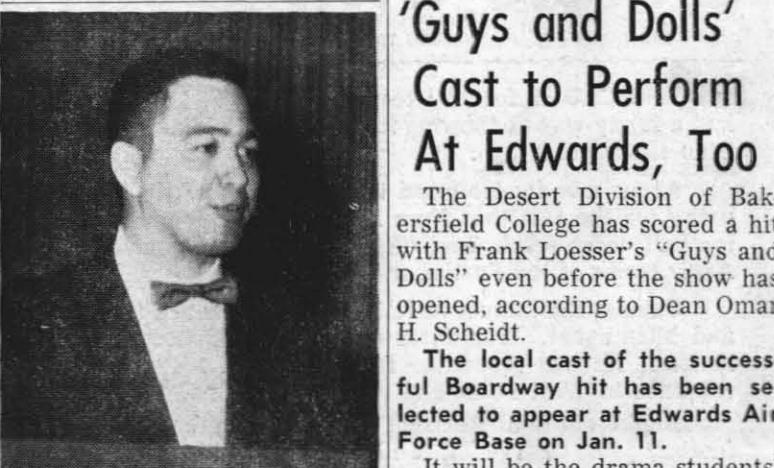
(Comedy in Color) Wife of an obstetrician quite innocently becomes a TV announcer for a soap tycoon who likes her originality. Her new life almost wrecks her home so husband gets even. It's the laugh hit of the season—light and improbable fun. (Adults and Young People).  
SHORT: "The Unmentionables" (7 Min.)

**THURS.-FRI. OCT. 24-25**  
"COME BLOW YOUR HORN" (115 Min.)  
Frank Sinatra, Barbara Rush  
7 p.m.

(Comedy in Color) Young son quits the staid family home to join playboy brother in his Manhattan apartment where the latter has a double romance going. Junior turns Bohemian and the father calls the two "bums." A laugh a minute blues chaser. (Adult).



**STUDENTS OF Bakersfield College** begin one of the large scenic drops for their production of "Guys and Dolls," slated for Nov. 22 and 23. Working on the Broadway drop are (left to right) Bob Thornton, Technical Director Vernon Green, Scenery Construction head Jack Ross and Florence Green.



**NEW TM PREXY** — Bill Arriola of the Aviation Ordnance Department succeeds Frank St. George of the Weapons Development Department as president of the China Lake Toastmasters Club 853. The group meets each Thursday at 5:45 p.m. at the Officers Club.

**Childhood Education Branch Meets Monday** Lyle Parsons of the Bakersfield office of Pacific Telephone and Telegraph Co. will talk of "Telstar," the communications satellite, at the first fall dinner meeting of the Childhood Education of the California Assn. for Childhood Education.

The meeting will be at the Commissioned Officers Mess next Monday at 7 p.m.

On the following Saturday, local representatives will attend the Fall Conference of the Central Section, ACE, at the Frank Kohn school in Tulare.

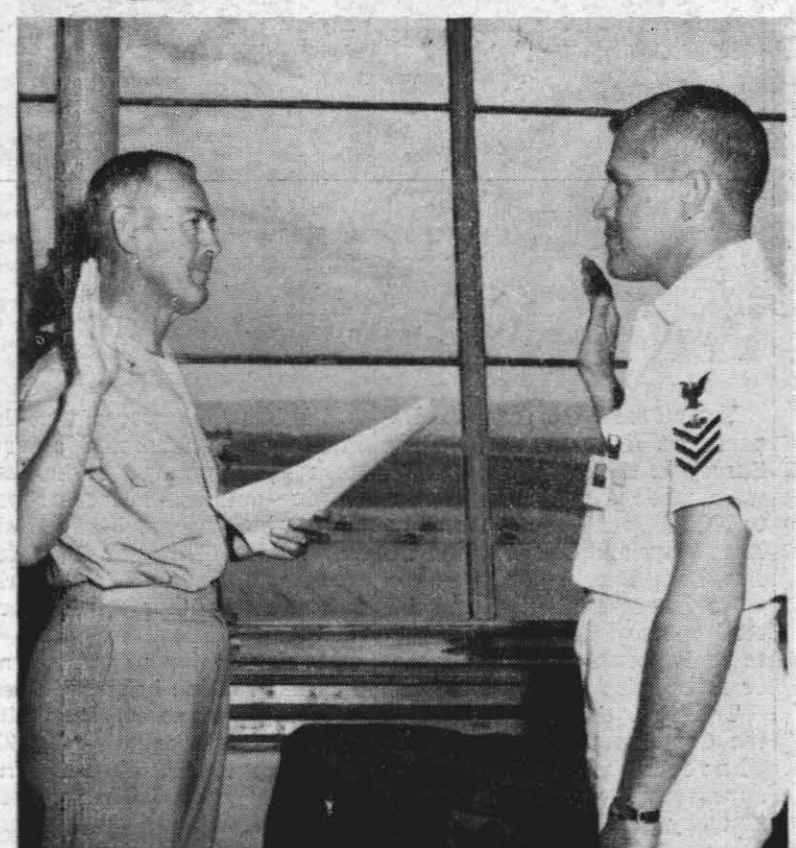
**Cactus Squares To Have 'Spook Dance'** The Cactus Squares will move to Vieweg School for their square dance tomorrow. The theme for the dance will be Halloween, and Ivan Hall will be "Head Spook."

The haunting will begin at 8 p.m. and costumes are encouraged. Prizes will be awarded for the best costume.



**H. G. WILSON** (center), NOTS Associate Technical Director and Indian Wells Valley Civil Defense Coordinator, checks material-hand list submitted by J. H. McGlothlin, Head of Planning and Administrative Division, Supply Dept., during last Saturday's Civil Defense exercise here. At right is Bernard A. Sword, Research Dept., and staff assistant to IWV CD Advisory Council. Drill was headquartered at Michelson Laboratory. —Photo by Al Christman

## Six-Year Tower Man Ships Over For Six



**CAPT. HOUGH ADMINISTERS REENLISTMENT OATH TO RALPH WEISS, AC1**

"Who wouldn't want to make the Navy a career when your skipper will take time out from his busy schedule to administer the oath of reenlistment to you in the place you've worked for six years?" was the comment of NAF's Ralph Weiss, air controlman first class.

He was referring to Capt. Jack Hough, Commanding Officer of NAF, who swore him in last week for another six-year enlistment while others took over the Control Tower's air traffic duties.

**Holds Tour Record** Weiss holds the present record for the longest tour of duty at China Lake for any enlisted man and possibly the all time record. The green glassed-in control tower at Hangar 1 has been his "home" since he reported aboard six years ago.

The veteran controlman finds the weather a breeze here compared to his two "foggy" tours of duty at Argentina, Newfoundland, and the 4500 operations per month here compared to the activity at NAS Moffett Field where two MATS Squadrons were based in addition to fighter and patrol squadrons.

"Fog for a towerman means tension," Weiss said referring to his Newfoundland and Moffett tours, "that's when you really sweat it out."

## 'Twas Wettest September Ever Observed Here

Last month was by far the wettest September observed here, a summary by the Atmospheric Branch of NOTS Instrument Operations, shows.

Three successive days of rain on the 17th, 18th, and 19th brought the total precipitation to 2.14 inches, and also a record 24-hour amount of .92 inches. The average for the month is a mere .15 inches.

Temperatures were normal through the month, with a mean of 78.1 and average maximum and minimum of 94.7 and 61.8. Extremes were 104 and 55.

October temperatures normally drop sharply to a mean of 66 and average maximum and minimum of 82 and 50. Freezing temperature has occurred once, in 1946. Average precipitation remains low at .07 inches.

# ROCKETEER

NOTS FROM UNDER THE SEA TO THE STARS

Vol. XVIII, No. 41 Naval Ordnance Test Station, China Lake, California Fri., Oct. 18, 1963

## 'PROJECT MICHELSON' ADVISORY COMMITTEE IN CONFERENCE HERE

### Taft to Honor NOTS At Annual Home Show

The long, friendly arm of Kern County neighbors reaches out over a 150-mile span next week, from Taft, Calif., to China Lake, to give the U. S. Naval Ordnance Test Station a pat on the back during its 20th anniversary.

The gesture of friendship is the main theme of Taft's annual Home Show, one of the biggest community events in that city.

A three-day, locally sponsored event, the Show opens Monday, with ceremonies in which Captain Floyd F. Reck will accept the key to the City of Taft on behalf of the Station.

Capt. Reck, Plans and Operations Officer, will fly to Taft in a helicopter which will be added to the exhibit provided by NOTS.

Ray Sinnott, exhibits branch, said the Station's display will depict 20 years of weapons research and development here at China Lake.

**To Issue Cards For Up-Dating Phone Books** Cards for up-dating the Personnel Section of the Station telephone directory will soon be issued with paychecks. Lt. (jg) H. L. Brunndridge, Communications Officer, reports.

Only those listings which are incorrect or those which are not now in the directory should be noted on the cards. Station residents affected are urged to complete the forms and return them as per instructions.

**Project Michelson** is a NOTS-organized and directed collection of cold war basic research-orientated studies, supported by the Navy's Special Projects Office and by the Office of the Secretary of Defense.

Approximately 15 universities are involved in the studies-organized about psychological and sociological inputs to understand strategic deterrence. Dr. Milburn explains. Strategic deterrence involves the development and employment of U. S. military technology, research and development to help win the cold war.

Project Michelson is named after Dr. Albert A. Michelson, America's first Nobel prize winner, and also for whom Michelson Laboratory is named. Just as he successfully broke ground by measuring the speed of light and the elasticity of the earth (which at that time was considered impossible to measure), so Project Michelson is intended to provide new rigor and discipline to the study of certain key influence processes in international relations.

**LAST CHANCE** to get your car washed and polished, and help the United Fund Drive at the same time, is today! Some of the lads who have been doing a great job on the cars



are Craig Johnson, SN; Per T. Busch, ABHAA; Michael R. Cole, SA; Stanley W. Hobbs, AA, and Wesley R. Hobbs, AN. Harold M. Wenholt, ABH-1, supervised the program.

The Project Michelson Advisory Committee met this morning in its first sessions of a two-day conference here.

The purpose of the committee, comprised of several eminent men from within and without government, is to evaluate, criticize, and as necessary, redirect and strengthen the Project Michelson effort in its contribution to the Department of Defense and the nation.

In attendance are: Dr. Frank E. Bothwell, former Head of Weapons Planning Group here and now Chief Scientist, Center for Naval Analyses, Arlington, Va.

Dr. L. T. E. Thompson, first NOTS Technical Director who is now Senior Consultant, Special Projects Office, Department of the Navy.

Dr. Ithiel de Sola Pool, a member of the NOTS Advisory Board and Director of the Center for International Studies, Massachusetts Institute of Technology, Cambridge, Mass.

Dr. Allen S. Whiting, Bureau of Intelligence and Research, Department of State, and Director, Office of Research and Analysis for the Far East.

Dr. Charles E. Osgood, Director, Institute for Communications Research, University of Illinois, and past-president of the American Psychological Association.

Dr. Richard C. Snyder, Chairman, Political Science Department, Northwestern University, Evanston, Ill., and

Dr. Thomas W. Milburn, Head of NOTS' Behavioral Sciences Group.

Capt. J. A. Quense, Executive Officer, represented ComNOTS in welcoming the distinguished committee members, and H. G. Wilson, Associate Technical Director, will also address the group.

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### CROSSWORD PUZZLE

Answer to Previous Puzzle

**ACROSS**

- 1-Monk's title
- 4-Note of scale
- 6-Book of maps
- 11-Seal to consumer
- 13-Linger
- 15-Babylonian deity
- 16-Motionless
- 18-Memorandum
- 19-Before
- 21-Great Lake
- 22-Printer's measure
- 23-Reinstate
- 25-Cloth
- 29-Heavenly body
- 31-Gull-like bird
- 32-Faroe Islands whirling
- 34-Maiden loved by Zeus
- 35-Knock
- 36-Expire
- 38-Compass point
- 40-Greek letter
- 41-Father
- 42-Fines
- 45-Bitter vetch
- 47-Recommits
- 50-Symbol for tantalum
- 52-Storage bin
- 53-Jump
- 56-Spoken
- 58-Presses
- 60-Brother of Odin
- 61-Gaze upon
- 62-The sky
- 65-Spirit
- 66-Conjunction
- 67-Lunatic

**DOWN**

- 1-Liberate
- 2-Find part
- 3-Near
- 4-Imposes monetary penalty
- 5-Wide awake
- 6-Changed

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From \_\_\_\_\_ PLACE STAMP HERE

TO \_\_\_\_\_



# NOTS Pasadena

Virginia E. Lane — Ext. 481



FIRE PROTECTION INSPECTOR Jack S. Hughes poses his Fire Brigade with the Pasadena Fire Department equipment. Back row (l-r) Louis Varga, Frank Johns, Henry Rutz, Pete Keuning, John Carlow, Riley White,

Arnold Livingstone, Kirk Moore, Inspector Hughes, and Arnold Vage. Front row (l-r) Ed Eterkel, Fred Nebelius, Mike Santeramo, Jack H. Hughes, and Norman Render.

## NOTS Commended For Fire Prevention

Acknowledging Fire Prevention Week, which was proclaimed from Oct. 7-12, NOTS Pasadena personnel witnessed a fire drill by the City of Pasadena Fire Department and the NOTS Pasadena Fire Brigades on station Oct. 8.

Representing Pasadena Fire Departments were Fire Battalion Chief Dave Holmes, Fire Prevention Captain Glen W. Clawson and men from Engine No. 7 including Captain Keny Crusberg; Engineers Gil Harman and Jason Fields; and fire fighters Robert Pyle, Joe Milazzo and Vaughn Serrafian. The Rescue Squad from No. 7 also responded with Bob Lighter in

charge. NOTS Pasadena Fire Protection Inspector Jack S. Hughes and the station fire fighters under his direction including Captains Ed Sterkel, Fred Nebelius, Jack H. Hughes and John Lindquist were on deck to give a fine volunteer fire fighters. Chief Holmes and Captains Clawson and Crusberg expressed appreciation for the cooperation of NOTS management and commended the fine work of the station's fire prevention program with special mention to the Public Works personnel who control the electric circuits, gas lines, water lines and solve various maintenance problems.



TWENTY YEARS—Doreen Spaulding is congratulated by Capt. G. H. Lowe as he presided over the award ceremonies.

## Travel Gal Serves 20

With the last 17 years as the Supervisory Travel Clerk at NOTS, Pasadena, Doreen Spaulding recently rounded out a 20-year federal service career. She began her government work with the Army Ordnance in Detroit then became a lady sailor (WAVE) for two years during World War II.

Other length of service awards were presented to Pat Frady, Clerk Typist in the Mail Room

and Dorothy Bowman, Secretary to the Officer in Charge, each having completed five years with NOTS.

Two Security Police were rewarded \$15 each for Beneficial Suggestions — Leon C. Neal, Jr. suggested a more prominent display of the anchor at the front gate; Bert L. Carlson's Benny Sugg dealt with personnel being more aware of "Attention to Colors."

## Junior C of C Invites NOTS Participation

In a recent communication to Capt. G. H. Lowe, Officer in Charge, Don Fedde, membership committee, of the Pasadena Junior Chamber of Commerce has issued an invitation to the young men at NOTS Pasadena to become active leaders in the community.

Fedde's letter reads in part: "The Junior Chamber of Commerce is recognized by firms of all sizes as providing a practical course in leadership training for young men not available in any college or university in the world.

"The Jaycees can offer your young employee a solid established position in our community and make him a better employee for you when he accepts the responsibilities of Jaycee programs, assumes leadership in various fields of Jaycee activities, and conducts and leads the affairs of our Jaycee chapter. This practical experience will increase his ability to lead others, visualize, formulate, and carry out planned programs, budget his time more efficiently, and organize his thoughts more effectively."

This Command is vitally interested in the affairs of our community and urges participation in community projects and civic organizations by any employee who has an interest in and the time to give to community life.

If you would like to know more about the Pasadena Junior Chamber of Commerce, telephone Office Ext. 481.

## PROMOTIONAL OPPORTUNITIES

Test Range Equipment Repairman; Hourly Salary Range: \$3.14 to \$3.40; Code P8083 - Duty Station: Long Beach, with frequent travel to San Clemente Island and Pasadena. Repairs, maintains, adjusts, and modifies various types of mechanical, electronic and optical test range tracking equipment. Installs, sets up, calibrates, and operates data cameras and theodolites for land and underwater operations.

## Do It Now? Time Is Up!

By MARGERY ROSS It is later than you think. Time is running out. There isn't any tomorrow to put things off until. Today is the last, final wind-up day of the United Fund drive. Have you given your one gift that works many wonders? Have you opened your purse for a purpose?

If not, why not, Ray Karp, campaign chairman asks. Is it because you weren't sure it would go to the health and welfare service of your choice? Then just write that name on the

back of your subscription blank. Is it because you've been a little short of cash? Then make hay while the payday sun shines and give your share today. It is because every dollar is already earmarked? Then fill out a pledge blank and designate a later date to send a check or spread your contribution out over several months.

The thermometer out in front of the Coffee Port has a long way to climb. This is the day to send it up and over the top. Let's go!



JOHNNY WALKER DALZELL

## Reenlists For Six

Johnny Walter Dalzell, BMI, reenlisted for six years on Oct. 4 at NOTS, Long Beach Sea Range Division.

Dalzell enlisted in the Navy in 1947. He reported here from Fleet Activities, Yokosuka, Japan, on June 30, 1963, previously serving aboard the USS Floyds Bay (AVP 40).

He served as Chief Master-at-Arms at NOTS in Long Beach during his first four months here and is presently coxswain of AVR-7 (Aviation Rescue Vessel) which operates off San Clemente Island in search and rescue operations.

Dalzell lives with his wife and daughter in Whittier, Calif.



## EDC Luncheon Held

Jesse Rowe, Head of the Airborne ASW Branch, was guest speaker at a luncheon meeting of the Employee Development Committee held at Eatons in Arcadia last week. Forty-eight supervisory personnel from Pasadena Annex were in attendance.

Rowe's presentation entitled, "Are We Executives," concerning a model of an executive, dealt with some of the techniques which have been effective in administration and management. The following areas were examined: Self Management, Subordinate Management, Operation Management, and "Boss" Management.

Subsequent to Rowe's presentation, the supervisory personnel present, under the guidance of Dr. C. Ferguson of UCLA, examined the definition of an executive from their individual viewpoints in round table discussions. J. H. Jennison summarized a Division Head's views and W. G. Clark commented from the standpoint of a Section Head.

Introductory remarks were made by Capt. G. H. Lowe and D. J. Wilcox. R. K. Heller, chairman of the Supervisory Sub Committee, explained the functions and current program of his committee.

## Credit Union Day Observed Locally

Personnel of the NOTS Employees Federal Credit Union joined credit unions throughout the world in observing National Credit Union Day yesterday.

In the United States and Canada alone there are more than 26,000 credit unions with over 12,000,000 members, and millions more in 70 foreign countries.

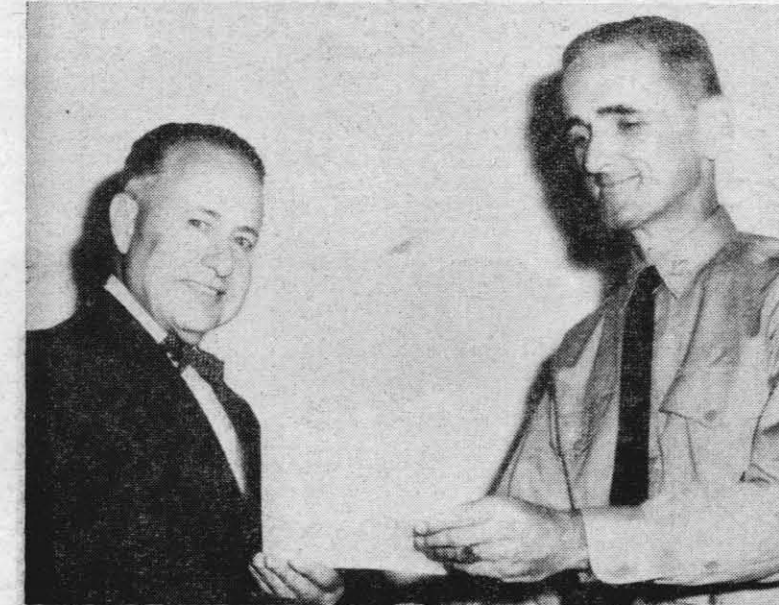
The NOTS charter became effective in 1947, with approximately 20 members. Today there are 4699 membership accounts, and the organization's assets exceed \$4 million. Over \$600,000 in dividends have been paid to NOTS employees.

"This has been one of the most active years for us," manager Ken Martin said, "and we expect an accelerated flurry of business with the 1964 cars now on the market."



440 YEARS SERVICE—Twenty-two Public Works employees have total of 440 years Federal Service. Recipients of 20-year pins are: First row (l-r) Frederick Mills, George Muse, Mary Schroeder, Ray Kee, William Cope, George O'Connor. Second row (l-r) Clarence Hall, William Camwell, Don Wegley, Woodrow Stallings, Jim Murphy, Roy Monica. Third row

(l-r) Jim McDaniel, George Howell, Vince Villa, Ezra Ray, Rulon Hatton, Maurice Rampy, Jim Long, Nick Hupka, Jim Cheesman, and Zane Lancaster. Other 20-year men not present for picture were Louis Davidore, John Vannetta, Frank Whittier Jr., Anthony Paciasas, Joseph Pearia, and Paul William, who account for an additional 120 years of service.



HAROLD E. TOOMBS, Chief Resident Auditor at NOTS, receives his 20-year Federal service pin from Cdr. A. P. Boileau, SC, USN, Officer-in-Charge of the Navy Area Audit Office in L. A. Toombs has been here for 2 1/2 years. He spent eight years at the L. A. office, and for 12 years was on active duty in the Navy. He retired as a commander in the Reserve.

## \$6,165 Awarded Employees Under Incentive Program

Twenty-three Sustained Superior performance Awards for \$4,400 and 18 Super Achievement Awards for \$1,765 amounting to a grand total of \$6,165 were received by Station employees under the Incentive Award Program for the period of July 1 through September 30. Three employees were recipients of \$300 awards. They

were Wallace Hicks of UOD, William King and Andrew Moody of Supply.

Five employees received \$250 awards while seven employees collected \$200 awards.

Weapons development topped all departments in individual awards with 12 employees collecting. Under Water Development was second with six, Officer in Charge, Pasadena, placed third with three.

The following sustained superior performance awards authorized for NOTS employees are listed by departments below:

**SUSTAINED SUPERIOR PERFORMANCE**  
Supply Dept.

\$300 — William L. King, \$100 — Bernard A. Steppan.

**Aviation Ordnance**  
\$200 — Martha T. V. Pfeiffer.

**Weapons Development**  
\$250 each — Roland E. Baker, Leo L. Keilman, Nadim P. Toth, \$200 each — Ray N. Francis, Dennis E. Glendenning, John A. Hoyem, James E. Hurr, Larry N. Pace, \$150 each — Warren R. Compton, Irene D. McCaw.

**Propulsion Development**  
\$150 each (add'l award on patent) — Martin H. Kaufman, \$50 group — Leroy J. Krzycki, H. Powell Jenkins Jr. \$50 group — John O'Drokinak, Martin H. Kaufman, \$50 group — Nathan J. Sieppel, Richard K. Young (terminated).

**Underwater Ordnance**  
\$100 each (add'l award on patent) — Raymond E. Karp, Thomas G. Lang, Kenneth E. Smith, \$50 each — John D. Brooks, Lloyd Z. Mauldin, Ernest N. Oeland Jr. \$50 Group — William D. White, James H. Green, Neri E. Cornford.

**Personnel**  
\$200 — Eva W. Bien.

**TID**  
\$150 — Alice R. Harris.

## Fete to Dedicate Walker's Pass as National Landmark

Local dignitaries and numerous representatives of governmental agencies and historical groups have been invited to participate tomorrow in a ceremony dedicating Walker's Pass as a National Landmark.

The dedication, scheduled for 2 p.m., will take place seven miles west of Freeman Junction. The public is invited.

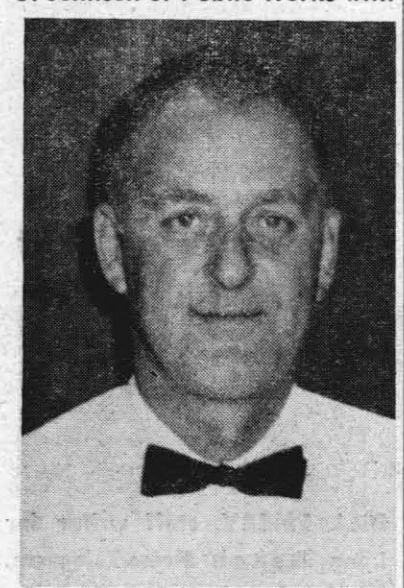
The pass, named for American frontiersman Joseph Redford Walker in 1834, is recognized as one of the most important gateways through the Sierra, linking the Great Central Valley and the Mojave Desert. In 1937 a plaque marking the site as California Landmark No. 99 was placed at the summit eight miles west of Freeman Junction on Highway 178.

## 'Benny Sugg' Till Tapped For \$1390 By Employees

Twenty-one China Lake employees and 18 Pasadena employees tapped the Benny Sugg till for a total of \$1390 during the three month period of July 1-Sept. 30.

NOTS' employees submitted 105 suggestions of which 39 were approved which will result in an estimated saving to the Navy during the first year they are in use.

Top individual awardees were China Lake employees Clarence G. Johnson of Public Works with



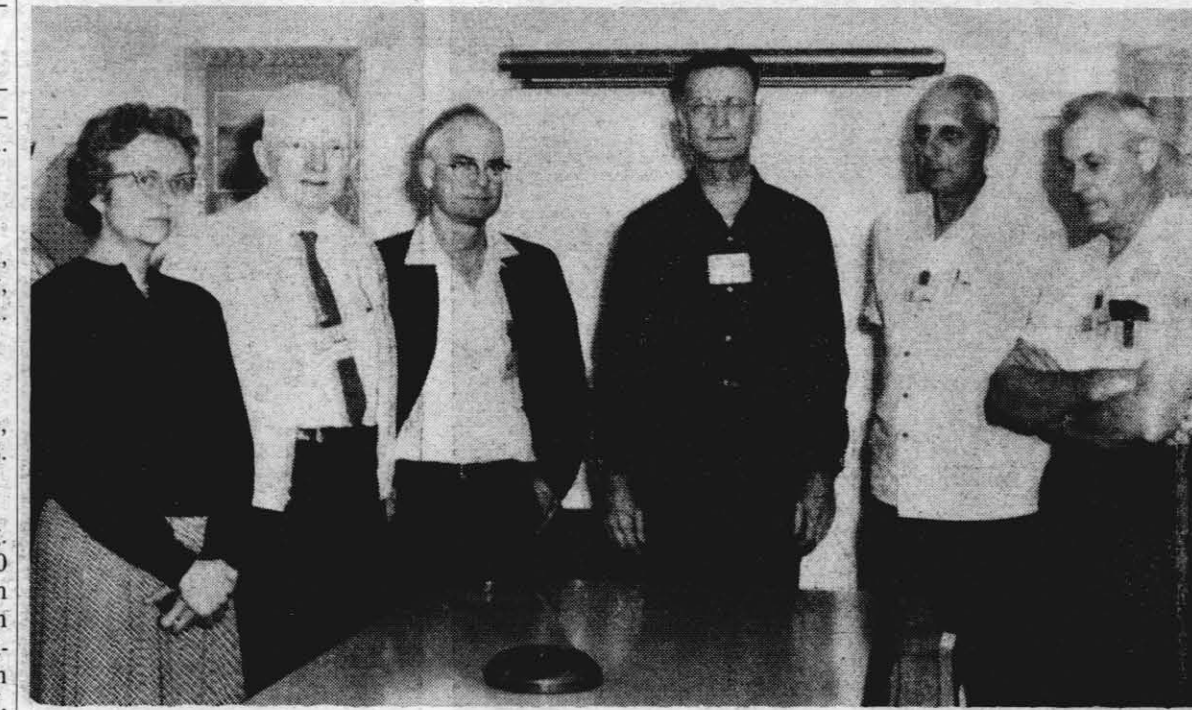
HENRY W. LAFORTUNE Wins \$250 Benny Sugg

\$300 and Henry W. LaFortune of Supply with \$250.

Winners of Beneficial Suggestion Awards are listed by departments as follows:

**Central Staff**  
\$20 — Gustav Swiersz.

**Supply Dept.**  
\$250 — Henry W. LaFortune.



RESEARCH DEPT. personnel also were honored as they completed 20 years of Federal service. Receiving pins were (l-r) Margaret Cox, Eric O. Evered, Dr. William S. McEwan,

Lloyd Schilberg, S. E. Lusher and Andrew Ballew. Dr. C. Howard Shomate was absent from ceremony, but was presented his 20-year pin later.

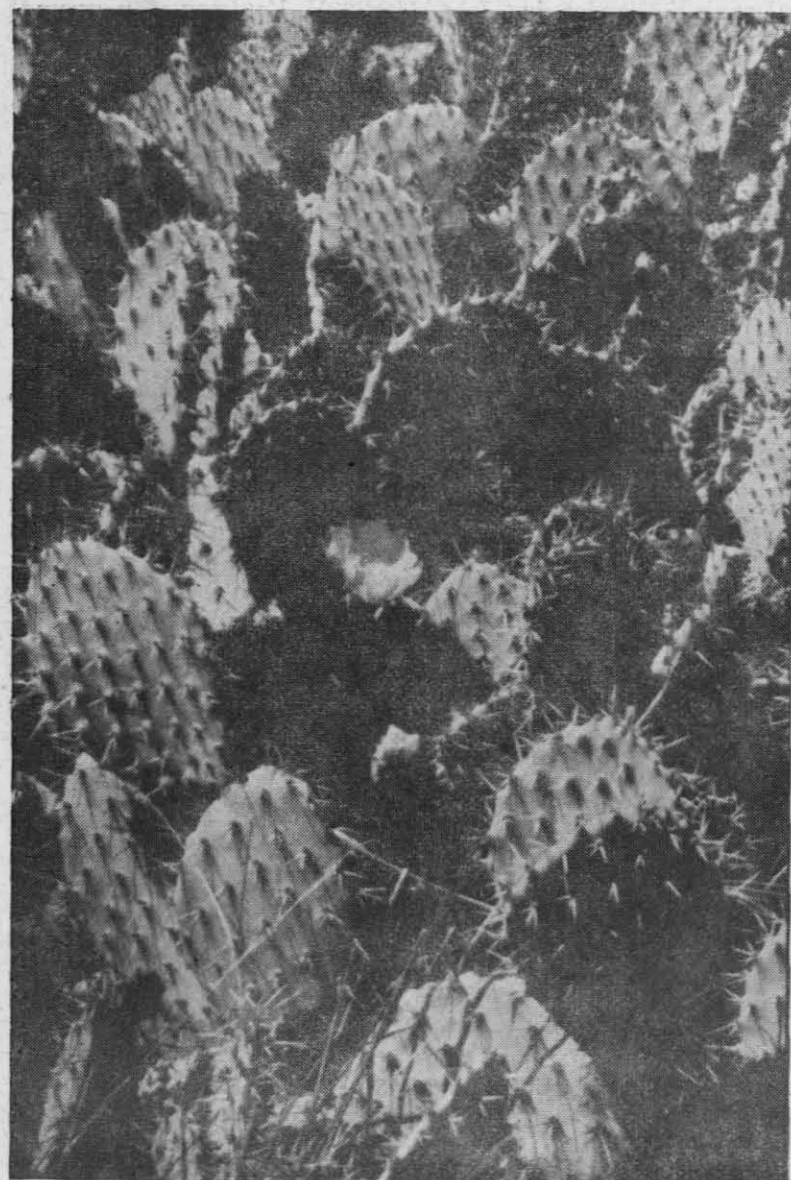
# SAN CLEMENTE ISLAND



INCREASING NUMBERS of wild goat herds roam the canyons and washes of San Clemente as they did centuries ago. This typical group was photographed with a telephoto lens from a distance of 300 yards.

Under the administrative command of the Naval Ordnance Test Station since 1961, San Clemente Island is 60 miles off the California coast between Long Beach and San Diego. The Island is about 20 miles long and 1 to 3 miles wide.

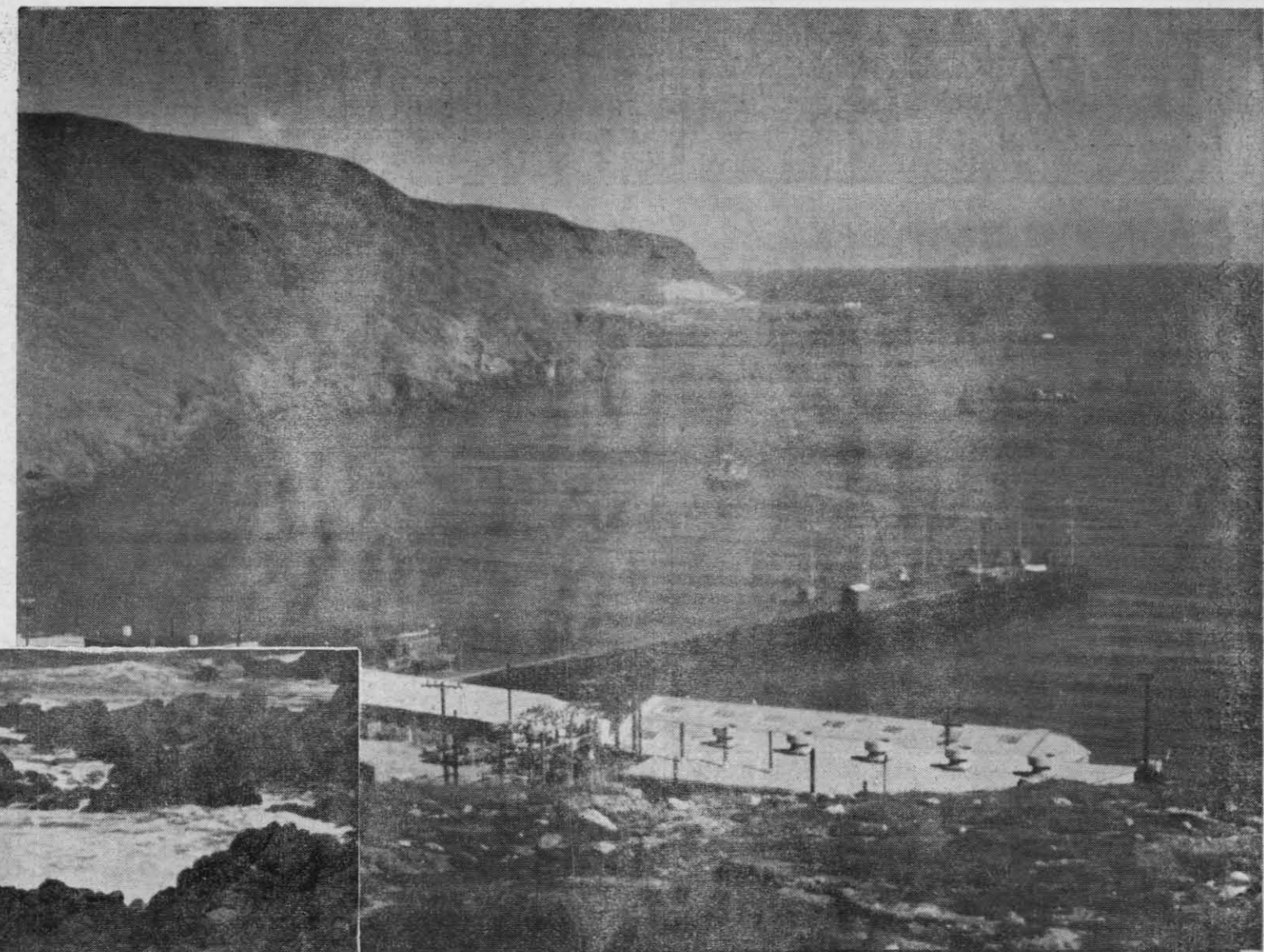
ONE OF THE THREE SPECIES of cacti (*Opuntia engelmanni*) that grow in profusion on San Clemente, fruits of which were a source of food for the Island's early inhabitants.



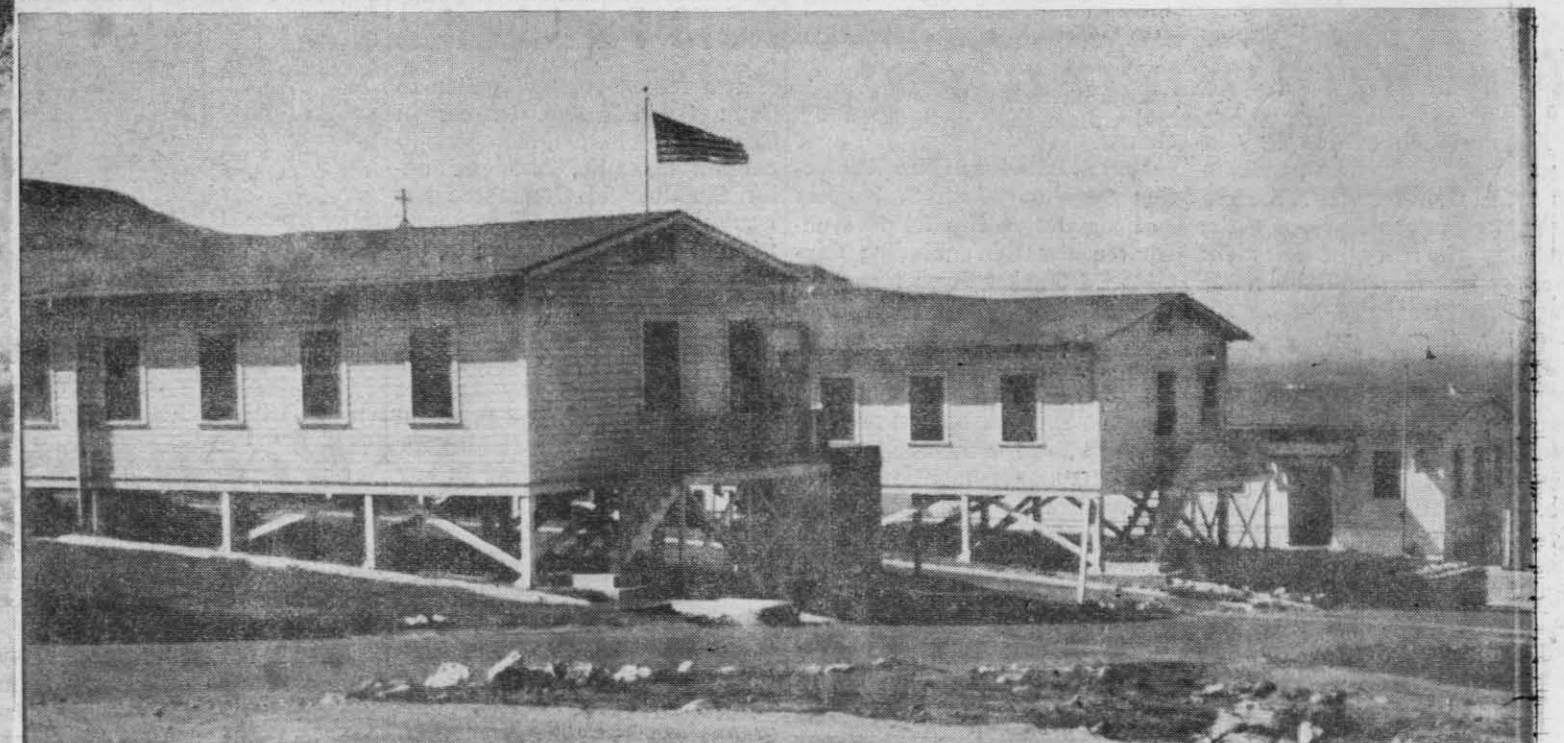
INCOMING TIDE surges among volcanic rocks on the Island's west shore near the Navy's "Station Flasher."

Photographs and Text  
By Fred Richards

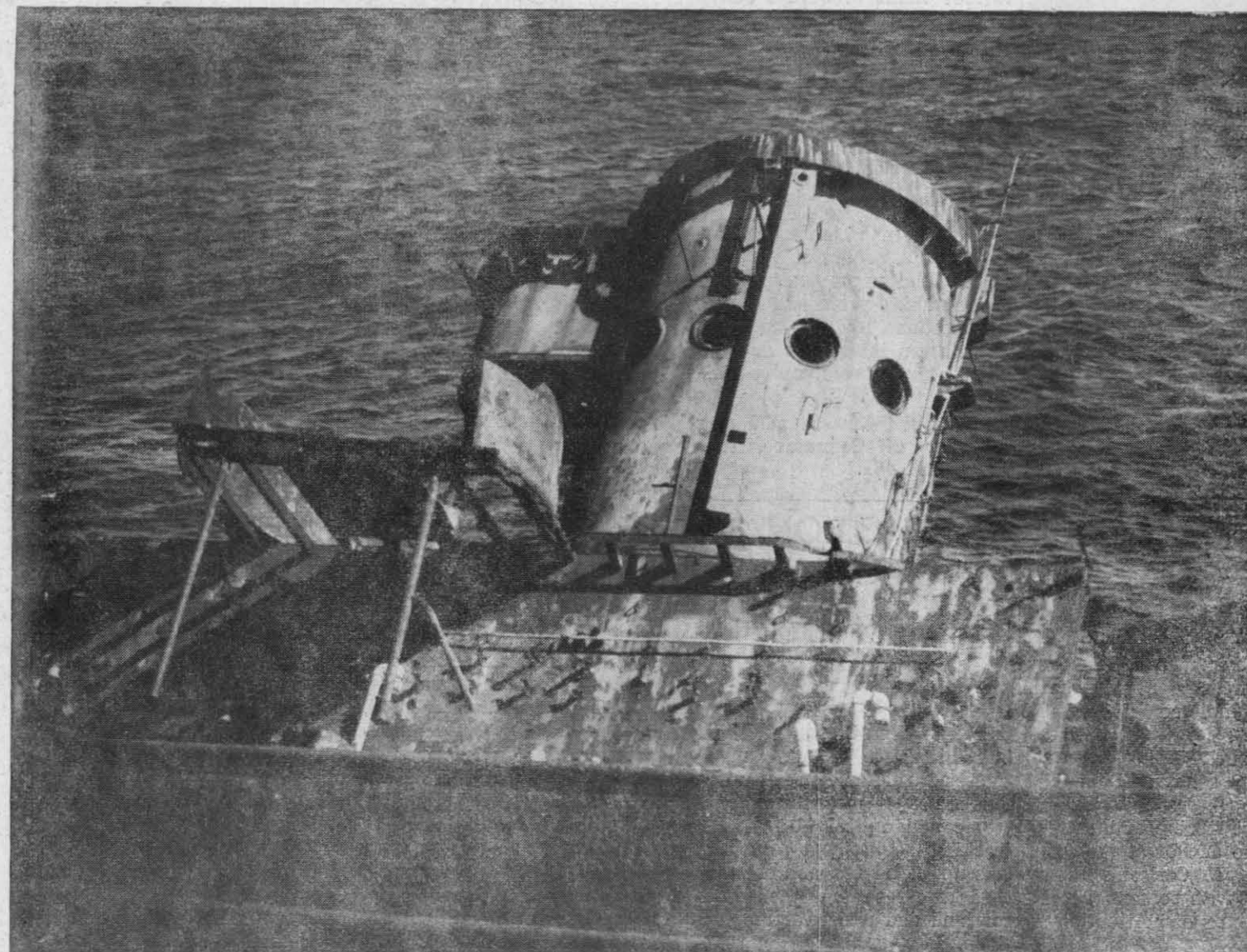
BILL EMERY, staff writer for Long Beach Press-Telegram, examines Indian bedrock mortar and pestle unearthed recently at the Southwest Museum's excavations on the Island. Other artifacts found at the site included bone awls, stone drills, and abalone shell fishhooks.



WILSON COVE with Navy pier and shore installations is center of operations for conducting NOTS San Clemente Island sea range projects. The only volcanic island of the several California channel group, San Clemente was reportedly discovered by Cabrillo in 1542.



SECTION OF MILITARY barracks and service buildings for Navy enlisted personnel. Complex includes mess facilities, chapel, Navy Exchange, and a 195-seat theater.



ABANDONED on the rocks at Goosehead Point, this wrecked landing craft (LCI) was used in training maneuvers during World War II.