#### 1921

PHILIP S. CLARKE has recently been transferred from the Oleum Refinery to the Wilmington Refinery of the Union Oil Company, where he is now refinery manager.

#### 1922

DWIGHT DEGNAN is assistant conductor and music contractor for Silver Theatre, Burns and Allen and Sherlock

Holmes radio shows.

MAJOR JOHN E. SHIELD writes that he is "touring France this year, with Germany on my itinerary this winter or

next year."

DALE J. MEIER has been commissioned at the Marine Corps Base, Quantico, Va. He is undergoing advanced officer's training before assignment to a combat unit or a technical school for specialized training.

COLONEL DONALD SHUGART is in charge of officer reclassification of the Headquarters Third Air Force at Tampa,

#### 1923

DR. L. M. MOTT-SMITH is with Johns Hopkins University with O.S.R.D. BASIL HOPPER was recently promoted

to the newly-created position of vice-president in charge of manufacturing, Union Oil Company of California. Mr. Hopper has been with Union Oil since graduation from Tech.

JOHN R. NORTH is assistant electrical engineer for the Commonwealth and Southern Corporation at Jackson, Mich.

ED LAYTON is project engineer for the Fluor Corporation of Los Angeles.

## 1925

PAUL NOLL has been transferred from chief engineer, plate department, to project engineer, Consolidated Steel at Maywood, Calif.

CAPTAIN TRACY L. ATHERTON, group intelligence officer, is camping out on a tropical isle with the Marines in an area where there is little action. His portrayal of the feminine population there is definitely without glamour.

# 1926

JOHNNY MICHELMORE is Northern Division engineer for the Southern Counties Gas Company, Glendale, Calif.

## 1927

TED COMBS has had a recent promotion to that of colonel. He stopped in at the Institute on a recent trip to Pasadena, after which he was to return to Camp Claiborne, La. W. A. MINKLER was recently ap-

pointed application manager for air conditioning of the Westinghouse Electric Elevator Co., Jersey City, N. J.

LIEUTENANT RAYMOND PERRY is

now commanding officer of the Navy V-12 unit at Flagstaff, Ariz. Previously he was commanding officer at the Navy V-12 unit, North Dakota State Teachers College at Minot, N. D.

KENNETH BELKNAP sits at his desk (Belknap & Belknap Insurance Agency) writing policies, when he's not out working for Pi Alpha Tau or giving a helping hand to the Alumni Association.

RUSSELL J. LOVE was promoted to assistant vice-president of the Southwest Welding & Manufacturing Co., Alhambra, Calif. He also retains title of chief engineer

RALPH CUTLER is the chief engineer

of the Los Angeles plant of Western Pipe and Steel Company.

HERB Van der GOOT is a lieutenant (j.g.) at the University of Arizona, Tucson, Ariz.

KENNETH KINGMAN is now superintendent of lube oil operations at the Oleum Refinery of the Union Oil Company.

HAROLD HUSTON is chief estimating

engineer for the Southwest Welding Company, Alhambra, Calif.

LIEUTENANT-COLONEL BILL MOHR

is now stationed at Fort Jackson, S. C.

#### 1930

JOSEPH FOLADARE is the father of a daughter born on October 17 at the Huntington Hospital, Pasadena. G. W. READ is a field engineer with

Western Electric Company, New York.
GORDON S. MITCHELL is in command

of a mobile signal motion picture unit in the South Pacific. During his photographic missions over the islands, he witnesses quite a bit of actual combat both on the ground and in the air. He has flown several missions over enemy territory and photographed their bivouac areas and outpost positions from 300 feet in a cub plane—exciting to say the least.
LIEUTENANT-COMMANDER HARRIS

K. MAUZY received his promotion in the Naval Reserve in March of this year. He was married in San Juan, Puerto Rico, in

August, 1943.

NATHAN WHITMAN is an engineer in charge of structural testing, Avion, Inc., Vernon, Calif.

## 1931

LIEUTENANT RAY LABORY, U.S. N.R., has been transferred to the Naval Ammunition Second Nct. Depot at Seal Beach, Calif.

## 1932

CARL LIND has been promoted to Lieutenant in U.S.N.R. and has been transferred to Camp Parks, Calif.

LIEUTENANT GORDON BOWLER,
U.S.N.R., is an instructor in electrical

communications at the Harbor Building School, Massachusetts Institute of Tech-

COLONEL BILL SHULER had a very harrowing experience by being buried alive by an exploding bomb in France, while commanding a combat unit of engineers in General Hodges' First Army. He was rescued and escaped with injuries which required hospitalization. Colonel Shuler, who was awarded the Silver Star and the Bronze Star for heroic achievement under fire in Normandy, has been with the First Army since D-Day.
DR. HALLEY WOLFE is with Electri-

cal Research Products, Inc. in Hollywood, a division of Western Electric Co. He is the father of a son, Michael Jay, born the latter part of August.

JOHN V. CHAMBERS recently has been transferred to Industrial Indemnity Co.,

San Francisco, Calif.

CHARLES W. JONES, since September first of this year, has been doing consulting engineering work.

1933

FRED H. DETMARS has recently been commissioned a second lieutenant in the Signal Corps at Fort Monmouth, N. J. DR. E. RUSSELL KENNEDY has been

in China for seven months doing research work on automotive fuels for the 14th Air Force, having been transferred from chemical warfare for that purpose. He has recently received his major's oak leaves. At his home in Long Beach, a new son awaits his arrival.

#### 1935

G. M. SMITH is a field planning engineer with Western Electric, New York.

BRYON M. INMAN was made engineering supervisor of the El Monte plant of the Du Pont Company, electrochemicals department, in July. He was formerly a

project engineer.

JAY C. TAYLOR is a captain in the Air Corps, stationed temporarily at San Juan, Puerto Rico. He expects to return to Florida in November or December to join his wife and nine-months old baby

### 1936

DR. SHERWOOD K. HAYNES is assistant director of the Harbor Building School and instructor in electrical communications at Massachusetts Institute of Technology

MAURICE SKLAR is back in the Gulf Coast division of the Shell Oil Company, Inc., after two years in Illinois and Michigan as field seismologist. His present lo-cation is Rosenberg, Texas.

WARREN FENZI is an ensign, U.S. N.R., in the Seabees. Prior to entering service, he was with Phelps-Dodge at Morenci. Ariz.

GEORGE DORWART is now located at the Dominguez field office of the Union

WALTER L. MOORE has been awarded the Collingwood Prize for Juniors from the American Society of Civil Engineers for a paper on his work at the Caltech Soil Conservation Laboratory. At present he is research engineer at Lockheed Air-

craft Corp.
BRUCE MORGAN proudly announces an heir, Stanley Bruce, born in July.

## 1938

JACK DOUGHERTY, a geologist for Phillips Petroleum Company at Amarillo, Texas, was visiting at the Institute, coming back to California on a business and vacation trip.
C. W. CLARKE is chief production en-

gineer at AiResearch, Phoeniz, Ariz.
DONALD S. TAYLOR was made laboratory supervisor in charge of research and

control laboratories, El Monte plant of the Du Pont Co., electrochemicals division. LIEUTENANT (j.g.) ALLAN K. AL-SAKER, U.S.N.R., is assistant to the resident inspector of naval material at Winston-Salem, N. C.

NED FRISIUS is now employed by the University of California in connection with a traffic test being run on a portland cement concrete test track at Hamilton Field, Calif.

# 1939

LIEUTENANT (j.g.) HERBERT STRONG, U.S.N.R., is engineer officer in the Carrier Aircraft Service Unit located in the desert, which services Helldivers and related planes.

PHILIP DEVIRIAN is an engineer for the Food Machinery Corporation of Los Angeles.

LIEUTENANT CHARLES F. CAR-STARPHEN is superintendent of ships in charge of repair at Pearl Harbor Navy Yard.

MAJOR BOB WINCHELL is assistant A.A.F. liaison officer to the Signal Corps Ground Signal Agency now located at Bradley Beach, N. J.

LIEUTENANT MATTHEW TYLER having been on active duty in the South Pacific for 14 months is now at the Naval Air Station at Pasco, Wash.

#### 1940

DUMONT STAATZ is in the Medical Corps of the Army, at the present time in training at Letterman General Hospital in San Francisco.

FIRST LIEUTENANT JONAS E. HITE is still in the South Pacific. He has been overseas since May 1942.

LIEUTENANT (j.g.) ROBERT S. NEISWANDER has been transferred from Patuxent River Naval Air Station where he had been an engineering test pilot, to the Postgraduate School at Annapolis for two years of postgraduate work in radio and flying.

O'DEAN ANDERSON is at present in Venezuela, South America, for Morrison-Knudsen Co.

ROBERT L. WELLS is working at Westinghouse research laboratories in the mechanics department on Navy problems.

FRANCIS MORSE is still with Goodyear Aircraft, designing airships for the Navy.

FRED BRUNNER is with the Bahrein Petroleum Co. on a refinery project overseas.

## 1941

DR. ROBERT A. BECKER and Dorothy May Wilkins of Piedmont, Calif., were nuited in a formal ceremony at St. Paul's Episcopal Church in Oakland on September 20. Dr. Becker is connected with the applied physics laboratory at the University of Washington.

RALPH C. MANINGER writes that he is doing some very interesting work for the Navy at the U. S. Navy Underwater Sound Laboratory at Fort Trumbull. The work is in connection with fundamental research in underwater sound. He also proudly mentions little Margaret Elizabeth, his daughter of 18 months.

DR. HORTON (GUY) STEVER has been in England for over a year on a technical mission for the radiation laboratory at M.I.T. and expects to return home any day.

WILLIAM CHAPIN has accepted a new job in the process department of Fluor Corp., at Los Angeles.

JOHN C. SMALL is attending Marine Officers School at Quantico, Va.

LIEUTENANT (j.g.) M. V. EUSEY, JR., U.S.N.R., is flight radar officer on the U.S.S. *Tripoli*.

CAPTAIN HERMAN W. SMITH, JR., has been overseas nearly two years, serving in the Air Force as a meteorologist in such places as North Africa, Sicily, Italy and Sardinía.

## 1942

LIEUTENANT W. F. CALLAWAY, U.S.N.R., a recent visitor on the Campus,

# The KINNEY GROUP

1800 Men serving their old customers -- welcoming new



# KINNEY IRON WORKS

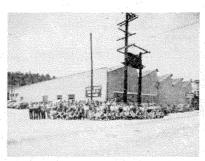
Meehanite Metal and Grey Iron Castings—I ounce to 30 tons. One of the largest and most modern foundries on the Pacific Coast. Meehanite castings are made in the following processes — General Engineering Meehanite (including pressure resisting), Chemical Resisting Meehanite, Wear Resisting Meehanite, and Heat Resisting Meehanite,

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Wendell H. Kinney, Stanford, '21 Roland T. Kinney, Stanford, '22 Bryant E. Myers, Cal Tech, '34 C. Vernon Newton, Cal Tech, '34

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A plant devoted exclusively to wood and metal patterns. The first step in a service of "From blueprint to final product." A jobbing pattern shop which assures the pattern being entirely acceptable to the foundry and delivered when promised. You are invited to inspect the work and equipment of this plant at any time.

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Forbes W. Jones, Cal Tech, '35 Leonard Alpert, Cal Tech, '43 B. R. Ells, Throop, '10



# This Christmas the war trains will roll -as usual

Out on the line, December 25 will be as busy as any other day on the Southern Pacific. It won't be much of a holiday for our men at the front, either. The enemy doesn't stop shooting just because it's Christmas.

This Christmas Day and night we shall keep the war trains rolling, just as we have kept them rolling every day and night since Pearl Harbor.

To all the travelers and shippers we served this year -our heartfelt thanks for your sympathetic understanding of our problems, and the cheerful way you accepted the inconveniences of wartime transportation.

In sending you the Season's Greetings, we join with you in praying that next Christmas will be celebrated in a world at peace.

 $S \cdot P$ 

# The friendly Southern Pacific

has been on active duty with the Fleet in

the Pacific for the past two years.
HENRY ROESE, Seaman Second Class. joined the Maritime Service last June and now is taking radio training in New York.

ENSIGN RALPH M. WILLITS is attached to a PT Squadron in the Southwest Pacific and is finding plenty of excitement.

CLIFF HOAGLAND was presented with

a baby girl, Susan Carol, recently.

ADRIAN MAYER has received an honorable discharge from the Army and will enter the September class at Northwestern

University School at Chicago.

JOHN RUBEL is the father of a son born in October, named Robert. John is still with General Electric at Schenectady,

ENSIGN H. GEORGE OSBORNE says he ran across T. G. ATKINSON, (Lieutenant j.g.), at the Officer's Club on one of the Marshalls. He says the island is very desolate, without a single living

CORPORAL WILLIAM BLUMEN-THAL of the U. S. Army Air Corps has been reported missing in action in the South Pacific since May, 1944. His home

was in Los Angeles.
WILTON STEWART was visiting at the Institute before reporting to his new

assignment at Fort Benning, Ga.

ENSIGN J. B. FRANZINI, U.S.N.R., is now stationed at the Tactical Radar School in Hollywood, Fla. Before entering the Navy, he taught hydraulics at the Institute. In October he was awarded in absentia the professional degree in civil engineering.

ROBERT A. SPURR announces the birth of Stephen Josiah on October 16,

ROBERT GREEN is on the staff of the British Colonial Service located at Joss, in the middle of Africa. He has a two-year appointment, effective as of last July.

RAY TEDRICK is a junior engineer for the Pacific Alaska Division of the Pan-American World Airways in San Francisco,

DEANE N. MORRIS is now in the Marine Corps, having finished training at Parris Island, S. C., and Camp Lejeune, N. C. Prior to entering the service, he had been with Bell Aircraft of Buffalo where he was in the flight research depart-

ment and also taught aerodynamics.
ROBERT ROSS DAVIS and Geraldine
Miriam Spence exchanged yows recently in the Wee Kirk of the Heather at Glendale, Calif.

FREDERICK B. ELY was commissioned an ensign last June at Plattsburg, N. Y. At present he is gunnery officer on an L.S.T. which is now in waters of the South

ROLF D. BUHLER and Mary Noll of Pasadena were united in marriage recently. Mr. Buhler is engaged in aeronautical research at the Institute.

JAY R. BORDEN was recently commissioned a second lieutenant at the Eastern Signal Corps training center, Fort Monmouth, N. J.

HANS NEUTZEL is now employed by the California Division of Highways at Los Angeles

GEORGE F. SMITH received his commission as Ensign, U.S.N.R., late in summer and was ordered to Washington, D. C. to do engineering work in communications.

R. E. ALLINGHAM has an ensign's commission and is an engineering officer on an L.S.T. in the Mediterranean Area, but expects a transfer soon to other waters.