

Power Systems

(Continued from Page 3)

reserve has been practically eliminated in some instances; equipment has been operated at the limit of its capacity, but all essential demands have been supplied and the war program has not been handicapped by shortage of power. Fuel has been conserved and essential materials which otherwise would have gone into new generating and transmission facilities have been saved for urgent military needs.

LOOKING TO THE FUTURE

Hydroelectric power production, particularly in the West, is subject to very great variations between dry and wet years. No two watersheds are equally affected by such variations. Integrated operation of hydro developments on different watersheds tends to equalize the supply and minimize the use of fuel in auxiliary steam plants which are a part of every combined power system. In spite of all economies the war has caused a terrific drain on the fuel supplies of the country and this fact emphasizes the importance of conservation of such natural resources. The community will suffer if the lessons learned under the stress of a national crisis are not

carried over to times of peace. Integrated operation which has proved so advantageous under government supervision during wartime should be continued voluntarily.

Plans are being made for extensive new developments of hydroelectric power. There are ardent advocates of immense government-operated power pools and equally ardent advocates of so-called private operation of power systems. Each plan has its advantages and disadvantages. The rivalry between these two schools of thought tests the mettle of the best men in the power business and tends to correct abuses on both sides of the fence. Engineering principles are universal. Engineers are confronted by the same problem, regardless of the political and social ideas of governing bodies, and engineers, regardless of their affiliations, can work together and get results, as has been so fully demonstrated during this war when national emergency has breached the political barriers between so-called public and private enterprise.

Integration of power systems is essential to a broad conservation program, and the successful cooperation effective under stress of war should be continued in times of peace, to the end that the community shall be provided with an adequate and reliable power supply at the lowest possible cost, and with the least possible draft on the irreplaceable national resources of the country.

C. I. T. Men In Service

DECEASED

Allen, Richard	'38	*	U.S.N.R.	Lost at Sea
Ashworth, Thos., Jr.	'41	*	U.S.N.R.	Killed in Plane Crash
Blumenthal, W. D.	'42	Cpl.	U.S.A.	Missing in Action
Brahty, J. H. A.	'32	Lt. Cmdr.	U.S.N.R.	Killed in Plane Crash
Hebel, Francis	'34	Lt. (j.g.)	U.S.N.R.	Killed at Pearl Harbor 1941
Losey, R. M.	'35	*	U.S.A.	Killed in Bombing Raid
Rowell, R. M.	'38	*	U.S.A.	Missing in Action
Schneider, C. J.	'39	*	U.S.M.C.	Killed in Action
Van Fleet, J. R.	'38	*	U.S.N.R.	Killed in Training Flight

The following is a list of men who have received degrees from the California Institute of Technology and who are now in military service. Information regarding additions or changes in rank or address should be addressed to the Alumni Office, California Institute of Technology.

Name	Class	Rank	Service	Location
Abbey, E. K.	'41	Lt.	U.S.N.R.	Overseas
Ackerman, J. B.	'38	Colonel	U.S.A.	*
Adams, P. L.	'44	*	U.S.N.R.	*
Ahuja, V. B.	'44	Lt.	Army of Mexico	Mexico
Albach, W. H.	'37	Lt.	U.S.N.R.	*
Alsaker, A. K.	'38	Lt. (j.g.)	U.S.N.R.	*
Allen, J. R.	'42	*	U.S.N.R.	*
Allen, P. H., Jr.	'42	Ensign	U.S.N.R.	*
Allingham, R. E.	'44	Ensign	U.S.N.R.	*
Allyne, A. B.	'26	Major	U.S.A.	Maryland
Altmaier, R. D.	'42	Ensign	U.S.N.R.	Washington, D.C.
Anderson, D. W.	'32	Lt. Cmdr.	U.S.N.R.	New York, N. Y.
Anderson, Keith	'40	Pvt.	U.S.A.	Overseas
Anderson, M. M.	'31	*	U.S.N.R.	Nevada
Anderson, R. E.	'42	Lt.	U.S.N.R.	Anacostia, D.C.
Andrews, R. A.	'42	*	U.S.A.	*
Antonenko, B. P.	'39	*	U.S.A.	Chanute Field, Ill.
Arnold, D. R.	'43	Lt. (j.g.)	U.S.N.R.	Mare Island, Calif.
Arnold, H. A.	'39	Lt.	U.S.N.R.	Massachusetts

*Information lacking.

Name	Class	Rank	Service	Location
Arnold, J. K.	'41	Capt.	U.S.A.	Hawaii
Arnold, M. W.	'37	Capt.	U.S.A.	Washington, D.C.
Ashley, C. L.	'26	Lt.	U.S.N.R.	*
Atchison, E. M.	'44	*	U.S.N.R.	*
Atherton, T. L.	'25	Capt.	U.S.M.C.	Overseas
Atkins, E. R., Jr.	'43	Lt. (j.g.)	U.S.N.R.	Overseas
Atkinson, T. G.	'42	Lt. (j.g.)	U.S.N.R.	Overseas
Axtman, Grice	'41	Ensign	U.S.N.R.	Washington, D.C.
Bacon, J. W., Jr.	'43	Lt.	U.S.A.	*
Bair, W. P.	'44	Ensign	U.S.N.R.	*
Baird, R. C.	'42	Major	U.S.A.	*
Baker, J. R.	'38	Ensign	U.S.N.R.	*
Ballard, W. O. B.	'44	*	U.S.N.R.	*
Banta, A. P.	'28	Major	U.S.A.	Overseas
Barfield, H. P.	'44	Lt.	U.S.A.	*
Barnes, D. P.	'30	Lt. Col.	U.S.A.	Overseas
Barnes, F. A.	'44	Ensign	U.S.N.R.	New York
Barnes, O. H.	'26	*	U.S.A.	Overseas
Baronowski, J. J.	'44	Lt. Cmdr.	U.S.N.	*
Bartlett, E. R., Jr.	'42	Lt. (j.g.)	U.S.N.R.	*
Bashor, R. H.	'43	Lt. (j.g.)	U.S.N.R.	Overseas
Baskin, A. C.	'37	Lt.	U.S.N.	*
Bassett, J. V.	'41	*	U.S.A.	*
Bassler, E. W.	'44	Ensign	U.S.N.R.	*
Bauer, F. K.	'42	Cpl.	U.S.A.	*
Baxter, A. N.	'45	*	U.S.N.R.	*
Beakley, W. M.	'35	Lt.	U.S.N.	*
Beanfield, B. F.	'39	Lt.	U.S.N.R.	Philadelphia, Pa.
Beardsley, G. F.	'39	*	U.S.N.	New York
Beauchamp, E. E.	'44	Ensign	U.S.N.R.	*
Beckstead, M. W.	'43	Ensign	U.S.N.R.	*
Beek, B. B.	'44	Ensign	U.S.N.R.	*
Beers, K. H.	'42	Ensign	U.S.N.R.	Overseas
Behrens, F. A., Jr.	'44	Ensign	U.S.N.R.	Overseas
Bell, A. E.	'42	*	U.S.N.R.	*
Bell, W. E.	'44	*	U.S.N.R.	*
Benjamin, D. G.	'44	Ensign	U.S.N.R.	*
Benson, G. L., Jr.	'44	*	U.S.N.R.	*
Belzer, T. R.	'37	Lt. Col.	U.S.M.C.	Overseas
Benioff, Ben	'22	Lt. Col.	U.S.A.	Salt Lake City, Utah
Bennett, G. G.	'44	Ensign	U.S.N.R.	*
Bennett, R. L.	'44	Ensign	U.S.N.R.	Washington, D.C.
Benton, Robert	'43	S 1/c	U.S.N.R.	California
Berhower, R. F.	'45	*	U.S.N.R.	*
Bergh, P. S.	'42	*	U.S.N.R.	*
Bergren, W. R.	'32	Capt.	U.S.A.	Overseas
Berry, F. A., Jr.	'37	Lt.	U.S.N.	*

Name	Class	Rank	Service	Location
Berry, W. L.	'29	Lt. Col.	U.S.A.	New York
Best, Chas. W.	'36	*	U.S.A.	Utah
Bewley, J. W.	'43	Ensign	U.S.N.R.	Florida
Biddison, C. M.	'40	Ensign	U.S.N.R.	Florida
Biglow, J. O.	'40	Lt.	U.S.N.R.	Overseas
Bilicke, A. C.	'27	Lt. Col.	U.S.A.	Overseas
Billman, G. W.	'41	Lt. (j.g.)	U.S.N.R.	Overseas
Biot, Maurice A.	'32	Lt.	U.S.N.R.	Washington
Blayne, J. A.	'43	Lt.	U.S.A.	Grand Island, Nebr.
Blue, J. H.	'37	Major	U.S.M.C.	New York
Bogert, R. C.	'44	Capt.	U.S.A.	Ohio
Bolen, T. M.	'37	Lt.	U.S.A.	*
Bolster, C. M.	'36	Cmdr.	U.S.N.	Washington, D.C.
Bond, W. H.	'44	*	U.S.N.R.	*
Bonell, J. A.	'38	Lt.	U.S.A.	*
Booth, F. O., Jr.	'44	Ensign	U.S.N.R.	*
Boothe, R. H.	'36	Lt.	U.S.N.R.	Overseas
Borden, J. R.	'44	2nd Lt.	U.S.A.	*
Bower, M. M.	'27	Major	U.S.A.	Washington, D.C.
Bowler, Gordon E.	'32	Lt.	U.S.N.	*
Boyd, James	'27	Colonel	U.S.A.	*
Bracken, G. R.	'43	*	U.S.N.R.	*
Bradburn, J. R.	'32	Major	U.S.A.	New York
Brice, R. T.	'37	Major	U.S.A.	Overseas
Bridgland, E. P.	'43	Flt. Lt.	R.C.A.F.	Canada
Broadwell, J. E.	'44	*	U.S.A.	*
Brodie, R. P.	'44	*	U.S.N.R.	Rhode Island
Brose, F. M.	'40	2nd Lt.	U.S.A.	Douglas, Ariz.
Browder, E. M., Jr.	'37	Major	U.S.A.	Canal Zone
Brown, E. I.	'43	*	U.S.A.	*
Brown, F. W.	'40	Lt.	U.S.N.R.	Overseas
Brown, G. H., Jr.	'43	*	U.S.N.R.	*
Brown, K. G., Jr.	'44	*	U.S.N.R.	*
Brown, Sheldon W.	'42	Cmdr.	U.S.N.	Bethesda, Md.
Brown, Wayne H.	'43	Lt. (j.g.)	U.S.N.R.	*
Brown, W. A.	'41	*	U.S.A.	*
Browne, J. J.	'39	Lt. (j.g.)	U.S.N.R.	*
Bruce, S. C.	'41	*	U.S.A.	Randolph Field, Texas
Brunner, M. C.	'25	Colonel	U.S.A.	Fort Belvoir, Va.

Name	Class	Rank	Service	Location
Brydorf, Robert	'44	Ensign	U.S.N.R.	Los Angeles, Calif.
Buchanan, J. W.	'43	2nd Lt.	U.S.A.	South Carolina
Buchanan, R. A.	'44	Ensign	U.S.N.R.	*
Budney, Geo. S.	'45	*	U.S.N.R.	*
Buetall, T. D.	'43	S1/c	U.S.N.R.	Treasure Island, Calif.
Buller, J. S.	'44	*	U.S.N.R.	*
Bungay, R. H.	'30	Major	U.S.A.	*
Bunker, E. R., Jr.	'43	*	U.S.A.	*
Burch, J. E.	'44	Ensign	U.S.N.R.	*
Burke, M. F.	'28	Lt.	U.S.A.	Washington
Burke, W. G.	'44	Ensign	U.S.N.R.	*
Burleigh, R.	'40	*	U.S.N.R.	*
Bussard, W. A.	'44	Ensign	U.S.N.R.	Florida
Cabral, H. J.	'44	Ensign	U.S.N.R.	Florida
Caldwell, N. H.	'41	*	U.S.A.	*
Callaway, W. F.	'42	Lt.	U.S.N.R.	Overseas
Campbell, D. C.	'41	Lt.	U.S.N.R.	Washington, D.C.
Campbell, R. S.	'37	Lt.	U.S.N.R.	Overseas
Capra, Frank R.	'18	Lt. Col.	U.S.A.	*
Carberry, D. E.	'30	Lt. Cmdr.	U.S.N.R.	San Francisco, Calif.
Carlmark, C. W.	'41	*	U.S.A.	*
Carlton, Jos.	'39	Lt.	U.S.A.	Texas
Carr, E. A.	'42	Lt.	U.S.N.R.	Massachusetts
Carstarphen, C. F.	'39	Lt.	U.S.N.R.	Overseas
Carter, C. L.	'43	Lt.	U.S.A.	*
Carter, T. A., Jr.	'44	*	U.S.N.R.	*
Cassery, F. G.	'41	Capt.	U.S.M.C.	South Carolina
Chadwick, J. H., Jr.	'44	*	U.S.N.R.	*
Chambers, L. S.	'44	Cmdr.	U.S.N.	Alabama
Chang, Howard	'44	PFC	U.S.A.	Minnesota
Chastain, J. A.	'42	Lt. (j.g.)	U.S.N.R.	Mare Island, Calif.
Chilberg, G. L.	'28	Lt.	U.S.A.	New Jersey
Christianson, W. L.	'43	*	U.S.N.R.	*
Clapp, G. W.	'26	Lt. (j.g.)	U.S.N.R.	Corpus Christi, Texas
Clark, Robert J.	'42	*	U.S.N.R.	*
Clendenen, F. B.	'44	*	U.S.N.R.	Rhode Island
Clingan, F. M.	'42	Lt.	U.S.N.R.	Overseas
Coates, L. D.	'39	Lt.	U.S.N.R.	*
Cobb, C. L.	'41	S1/c	U.S.N.R.	*
Coda, L. R.	'44	*	U.S.N.R.	Texas
Cogen, W. M.	'31	Capt.	U.S.A.	Overseas
Cohn, G. L.	'42	Lt.	U.S.A.	Overseas
Collings, W. T.	'44	Ensign	U.S.N.R.	Rhode Island
Combs, T. C.	'27	Colonel	U.S.A.	Overseas
Cooley, R. A.	'42	Lt. Cmdr.	U.S.N.R.	Pasadena, Calif.
Copeland, G. B.	'44	Ensign	U.S.N.R.	*
Cowden, W. L.	'44	Ensign	U.S.N.R.	*
Craig, Carroll	'34	Lt.	U.S.N.R.	Arlington, Va.
Craig, P. H.	'33	Lt.	U.S.N.R.	Overseas
Crawford, E. G.	'33	Lt. Cmdr.	U.S.N.R.	*
Creal, Albert	'36	Lt. Col.	U.S.A.	Arlington, Va.
Creveling, Robert	'27	Capt.	U.S.A.	Dayton Field, Ohio
Cummings, C. I.	'44	2nd Lt.	U.S.A.	Cambridge, Mass.
Daams, Gerit	'40	Capt.	U.S.A.	Pasadena, Calif.
Dall, G. R.	'42	Lt.	U.S.A.	Overseas
Dameson, L. G.	'44	*	U.S.N.R.	*
Dana, I. R., Jr.	'44	Ensign	U.S.N.R.	Rhode Island
Dane, P. H.	'34	Lt. Col.	U.S.A.	Dayton Field, Ohio
Darling, M. D.	'27	Major	U.S.A.	Texas
Davis, J. S.	'45	*	U.S.N.R.	*
Davis, Stewart	'42	*	U.S.N.R.	Maryland
Davis, W. R.	'44	*	U.S.N.R.	*
Dazey, M. H.	'43	Lt. (j.g.)	U.S.N.R.	Overseas
Debevoise, J. M.	'44	Lt.	U.S.A.	*
DeCamp, L. S.	'30	Lt. Cmdr.	U.S.N.R.	*
DeRemer, K. R.	'44	Ensign	U.S.N.R.	Boston, Mass.
Desmond, J. M.	'34	Lt.	U.S.A.	Fort Monroe, Va.
Dessel, F. W., Jr.	'40	Lt. (j.g.)	U.S.N.R.	Overseas
Dethlefsen, D. G.	'44	Midshp.	U.S.N.R.	New York
Detmers, Fred	'33	2nd Lt.	U.S.A.	*
DeVoe, J. J.	'22	Major	U.S.A.	Fort Monmouth, N. J.
Dewdney, H. S.	'43	*	Canadian Army	
Dickey, W. L.	'31	Lt. Cmdr.	U.S.N.	San Francisco, Calif.
Dilworth, J. A.	'41	*	U.S.A.	*
Dixon, B. A., Jr.	'38	Ensign	U.S.N.R.	Washington, D.C.
Dixon, H. H.	'44	Flt. Officer	R.C.A.F.	Canada
Dobbins, W. E.	'41	Capt.	U.S.A.	Overseas

Special
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FABRICATION

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Name	Class	Rank	Service	Location	Name	Class	Rank	Service	Location
Dodge, W. O., Jr.	'44	2nd Lt.	U.S.A.	Fort Monmouth, N. J.	Green, W. M.	'39	Capt.	U.S.A.	Wright Field, Ohio
Doll, R. E.	'44	Lt. Cmdr.	U.S.N.R.	*	Greenhalgh, F. M.	'41	Lt. (j.g.)	U.S.N.R.	*
Donsback, W. R.	'44	*	U.S.N.R.	*	Greenwood, D. T.	'44	*	U.S.N.R.	*
Doolittle, R. G.	'40	Lt.	U.S.N.R.	Anacostia, D.C.	Griffin, R. H.	'31	*	U.S.A.	Minnesota
Douglas, Perry	'29	Lt.	U.S.N.R.	*	Griffith, G. D.	'43	Lt. (j.g.)	U.S.N.R.	Texas
Drake, J. A.	'42	2nd Lt.	U.S.A.	McCook, Nehr.	Griffiths, J. R.	'39	*	U.S.N.R.	*
DuFresne, A. F.	'38	*	U.S.A.	Overseas	Grimes, W. B.	'29	Lt. Col.	U.S.A.	Overseas
Dunbar, O. C.	'35	Major	U.S.A.	Overseas	Grimm, Lewis	'44	Ensign	U.S.N.R.	*
Dunn, Allen W.	'29	Lt. Col.	U.S.A.	Overseas	Grote, A. O.	'43	*	U.S.N.R.	Treasure Island, Calif.
Dunn, S. A.	'43	*	U.S.N.R.	*	Gruen, Harold	'43	*	U.S.A.	*
Durfee, P. T.	'28	Lt. Col.	U.S.A.	Alaska	Guillou, A. V.	'40	Lt. Col.	U.S.A.	Overseas
Durrenberger, R. W.	'41	*	U.S.A.	*	Gulick, H. E.	'34	Lt.	U.S.A.	*
Duval, Richard H.	'28	Lt.	U.S.N.R.	*	Gulley, Wm. F.	'45	*	U.S.N.R.	*
Earl, J. B., II	'41	*	U.S.N.R.	*	Hacker, W. D., Jr.	'33	Capt.	U.S.A.	New York
Easley, S. J.	'41	*	U.S.A.	Sacramento, Calif.	Hahs, M. L.	'44	2nd Lt.	U.S.A.	*
Edelman, L. B.	'43	Ensign	U.S.N.R.	Annapolis, Md.	Hale, F. S.	'27	Capt.	U.S.A.	Overseas
Edwards, G. L.	'41	Lt. (j.g.)	U.S.N.R.	Overseas	Hall, A. S.	'44	Ensign	U.S.N.R.	*
Edwards, J. S.	'37	2nd Lt.	U.S.M.C.	Quantico, Va.	Hall, E. A.	'41	*	U.S.A.	*
Edwards, M. W.	'26	Lt.	U.S.A.	*	Hall, E. E.	'43	2nd Lt.	U.S.M.C.	Virginia
Elliott, T. D.	'42	Lt. (j.g.)	U.S.N.R.	Overseas	Hall, E. S.	'44	*	U.S.N.R.	Washington, D.C.
Ellis, A. T.	'43	*	U.S.A.	*	Hall, Robert F.	'42	Ensign	U.S.N.R.	South Carolina
Ellison, W. J., Jr.	'37	Lt. Col.	U.S.A.	Overseas	Hall, W. A.	'42	Lt. (j.g.)	U.S.N.R.	Mare Island, Calif.
Elmer, D. A.	'43	Lt. (j.g.)	U.S.N.R.	Mare Island, Calif.	Hall, W. L.	'44	*	U.S.N.R.	*
Ellsworth, R. E.	'41	Major	U.S.A.	*	Hallwachs, R. G.	'44	Ensign	U.S.N.R.	*
Ely, F. B.	'44	Lt.	U.S.N.R.	*	Halpenny, W. H.	'43	Lt. (j.g.)	U.S.N.R.	Annapolis, Md.
Ely, R. L.	'44	Lt.	U.S.A.	Wright Field, Ohio	Hamilton, W. R.	'44	*	U.S.N.R.	*
Engelder, A. E.	'35	Capt.	U.S.A.	California	Hanchett, H. K.	'43	*	U.S.A.	*
Engelder, P. O.	'39	Major	U.S.M.C.	Overseas	Hanger, W. M.	'43	*	U.S.N.	California
Estrada, N. S.	'44	Lt. (j.g.)	U.S.N.R.	*	Hanson, L. A.	'42	Lt. (j.g.)	U.S.N.R.	*
Eusey, M. V., Jr.	'41	Lt. (j.g.)	U.S.N.R.	Overseas	Hardin, P. V.	'43	*	U.S.A.	*
Evans, B. G.	'23	Capt.	U.S.M.C.	Florida	Harney, P. J.	'35	T/S	U.S.A.	*
Evans, Thos.	'30	Lt. Col.	U.S.A.	Washington, D.C.	Harper, T. S.	'37	Lt.	U.S.N.R.	*
Everett, W. S.	'34	Lt.	U.S.N.R.	San Francisco, Calif.	Harrell, DeWitt	'44	Lt. Cmdr.	U.S.N.	*
Fenzi, W. E.	'37	Ensign	U.S.N.R.	Rhode Island	Harris, H. R.	'22	Colonel	U.S.A.	Washington, D.C.
Field, A. J.	'44	*	U.S.N.R.	*	Harrison, Chas. P.	'44	Ensign	U.S.N.R.	*
Fischer, C. F.	'40	Lt. Cmdr.	U.S.N.R.	Maryland	Harrison, K. J.	'18	Lt. Col.	U.S.A.	Phoenix, Ariz.
Fisher, E. K.	'44	Ensign	U.S.N.R.	Massachusetts	Harshberger, J. D.	'34	Lt.	U.S.M.C.	*
Flavell, E. W.	'43	2nd Lt.	U.S.A.	Florida	Harvey, D. L.	'41	Major	U.S.A.	Illinois
Fleck, F. A.	'42	2nd Lt.	U.S.A.	Long Beach, Calif.	Hasert, C. N.	'44	Lt.	U.S.A.	*
Fleisher, E. P.	'43	*	U.S.N.R.	*	Haymond, C. D.	'43	*	U.S.A.	*
Fleming, M. K., Jr.	'36	Lt.	U.S.N.R.	Washington, D.C.	Hayward, R. E.	'38	*	U.S.A.	*
Fleming, R. E.	'40	*	U.S.A.	*	Head, R. M.	'42	Ensign	U.S.N.R.	Washington, D.C.
Ford, M. E., Jr.	'44	Midshp.	U.S.N.R.	New York	Heinz, J. A.	'45	*	U.S.N.R.	*
Forward, R. B.	'38	Lt. Cmdr.	U.S.N.R.	Washington, D.C.	Hendrickson, W. J.	'42	*	U.S.A.	*
Foster, G. P.	'40	Capt.	U.S.M.C.	Overseas	Hiatt, J. B.	'41	Lt. (j.g.)	U.S.N.R.	Bremerton, Wash.
Frampton, W. R.	'39	*	U.S.N.R.	San Diego, Calif.	Hicks, W. B.	'42	*	U.S.A.	*
Francis, R. M.	'44	Lt.	U.S.N.R.	*	Higgins, H. M.	'44	*	U.S.N.R.	*
Frank-Jones, Glyn.	'41	Lt.	U.S.N.R.	Vancouver, B. C.	Hight, C. T.	'41	Capt.	U.S.A.	Overseas
Franklin, E. S.	'33	Lt.	U.S.N.R.	Pasadena, Calif.	Hill, R. R., Jr.	'44	Ensign	U.S.N.R.	*
Franklin, J. B.	'42	Ensign	U.S.N.R.	Overseas	Hills, J. D. T.	'39	Lt.	U.S.A.	*
Freeman, J. R., Jr.	'44	*	U.S.N.R.	*	Hines, M. E.	'40	*	U.S.A.	*
Fuller, W. P., Jr.	'42	*	U.S.N.R.	San Diego, Calif.	Hinton, W. D.	'44	*	U.S.N.R.	*
Fulton, R. F.	'39	Lt.	U.S.A.	Colorado	Hite, J. E., Jr.	'40	Lt.	U.S.N.R.	Overseas
Furber, A. B.	'44	Lt. Cmdr.	U.S.N.	Philadelphia, Pa.	Hoagland, J. C.	'42	*	U.S.N.R.	Annapolis, Md.
Galbreath, A. M.	'44	Ensign	U.S.N.R.	*	Hoch, W. C.	'31	Lt.	U.S.N.R.	Washington, D.C.
Galeski, R. B.	'41	*	U.S.N.R.	*	Hoff, F. G.	'39	Lt. (j.g.)	U.S.N.R.	Hastings, Nehr.
Gally, S. K.	'41	Lt. (j.g.)	U.S.N.R.	*	Holser, W. T.	'42	Lt.	U.S.N.R.	Washington, D.C.
Gardner, A. H.	'43	Ensign	U.S.N.R.	*	Holzmann, Benj.	'31	Lt. Col.	U.S.A.	Washington, D.C.
Gardner, J. H.	'44	*	U.S.N.R.	*	Honnell, P. M.	'40	Lt. Col.	U.S.A.	West Point, N.Y.
Garland, J. J., Jr.	'44	Ensign	U.S.N.R.	Norfolk, Va.	Hooper, D. L.	'34	Lt. Cmdr.	U.S.N.R.	Overseas
Garner, H. K.	'43	*	U.S.N.R.	*	Hooper, R. H.	'39	Lt.	U.S.A.	Overseas
Gazin, C. L.	'27	Major	U.S.A.	*	Horne, Othneil	'42	Lt.	U.S.A.	Nebraska
Geitz, Robert	'41	Lt. (j.g.)	U.S.N.R.	Overseas	Hotchkiss, T. M.	'25	Lt.	U.S.N.R.	California
Gentner, W. E.	'40	Lt.	U.S.N.R.	*	Howell, W. J.	'40	Lt.	U.S.M.C.	North Carolina
George, J. W.	'37	Sgt.	U.S.A.	Colorado	Hubert, D. S., Jr.	'40	Pvt.	U.S.A.	*
Gesfen, W. H.	'36	Ensign	U.S.N.R.	Overseas	Hudson, L. U.	'44	*	U.S.N.R.	*
Geselbracht, W. G.	'38	Capt.	U.S.A.	Missouri	Hudson, R. A.	'44	*	U.S.N.R.	*
Giacomazzi, W. F.	'43	Lt.	U.S.A.	California	Hudson, T. A.	'44	*	U.S.N.R.	*
Gibbons, R. M.	'42	Lt. Cmdr.	U.S.N.	Rhode Island	Hudson, T. E.	'44	*	U.S.N.R.	*
Gillette, Warren	'42	Lt. (j.g.)	U.S.N.R.	Overseas	Huggins, J. G.	'44	*	U.S.N.R.	*
Gillings, J. W.	'41	Lt.	U.S.A.	*	Hughes, L. E., Jr.	'44	Lt. (j.g.)	U.S.N.R.	San Francisco, Calif.
Gilman, Richard	'44	2nd Lt.	U.S.M.C.	*	Hughes, W. H.	'44	Ensign	U.S.N.R.	Overseas
Given, F. I.	'42	*	U.S.A.	*	Hunt, Carter	'42	Lt.	U.S.N.R.	Overseas
Glassco, R. B.	'40	Ensign	U.S.N.R.	San Diego, Calif.	Hurst, S. D.	'44	*	U.S.N.R.	*
Goldsmith, E. A.	'44	Ensign	U.S.N.R.	Overseas	Ingersoll, H. V.	'26	*	U.S.A.	Philippine Islands
Graff, D. B.	'32	Lt.	U.S.A.	*	Ingersoll, W. I.	'41	Ensign	U.S.N.R.	*
Graham, H. K.	'43	2nd Lt.	U.S.A.	Texas	Jack, S. S.	'38	Capt.	U.S.M.C.	*
Gramatky, F. G.	'28	Major	U.S.A.	New Guinea	Jackson, A. M., Jr.	'39	Lt.	U.S.N.	*
Graner, J. B.	'43	Ensign	U.S.N.R.	*	Jackson, W. G., Jr.	'44	Lt. Cmdr.	U.S.N.	*
Grasso, C. H.	'44	2nd Lt.	U.S.A.	*	Jasper, R. N.	'45	*	U.S.N.	Rhode Island
Graul, D. P.	'37	Capt.	U.S.A.	Maryland	Johns, R. R.	'43	*	U.S.N.R.	*
Gray, J. B.	'44	Lt.	U.S.N.R.	*	Johnsen, E. G.	'43	Lt.	U.S.A.	Overseas
					Johnson, K. W.	'43	Ensign	U.S.N.R.	*

Name	Class	Rank	Service	Location
Johnson, L. B.	Ensign	'44	U.S.N.R.	*
Johnson, P. O.	Pvt.	'42	U.S.A.	Ohio
Johnson, R. S.	Ensign	'44	U.S.N.R.	*
Johnson, W. S.	Capt.	'26	U.S.A.	California
Johnston, W. C.	Lt.	'42	U.S.A.	Colorado
Jones, G. A.	Lt.	'41	U.S.N.R.	Overseas
Jones, J. A.	Ensign	'41	U.S.N.R.	Philadelphia, Pa.
Jones, O. K.	Lt. Col.	'41	U.S.A.	Overseas
Jones, P. S.	Ensign	'36	U.S.N.R.	Arizona
Jones, R. P.	Lt.	'35	U.S.N.R.	Overseas
Jones, W. B.	Lt.	'38	U.S.N.R.	Overseas
Jones, W. L.	Lt. (j.g.)	'43	U.S.N.R.	Overseas
Jopson, R. C.	Ensign	'44	U.S.N.R.	New Jersey
Jordon, J. T.	Carp. Mate	'41	U.S.N.R.	Overseas
	1/C			
Joujon-Roche, J. E.	Major	'28	U.S.A.	North Carolina
Judd, H. C.	Ensign	'44	U.S.N.R.	Overseas
Kafitz, P. H.	Chief Spec.	'42	U.S.N.R.	Washington, D.C.
Kane, R. F.	Cmdr.	'43	U.S.N.	Annapolis, Md.
Karstedt, F. H.	*	'44	U.S.N.R.	*
Keating, D. A.	*	'44	U.S.N.R.	*
Keech, D. W.	Lt.	'26	U.S.A.	San Diego, Calif.
Keller, S. H.	Lt. (j.g.)	'38	U.S.N.R.	Overseas
Kemmer, P. H.	Colonel	'33	U.S.A.	Wright Field, Ohio
Kennedy, E. R.	Major	'33	U.S.A.	Overseas
Kern, J. C., Jr.	Ensign	'44	U.S.N.R.	*
Kerr, J. G.	Ensign	'44	U.S.N.R.	Camp Endicott, R. I.
Kettler, J. R.	*	'44	U.S.A.	Texas
Kidd, R. E.	Lt.	'35	U.S.N.R.	Washington, D.C.
King, J. L.	Capt.	'40	U.S.N.	Pasadena, Calif.
Kingsbury, W. S., Jr.	Major	'26	U.S.A.	Overseas
Kinsler, L. E.	Lt. Cmdr.	'31	U.S.N.	Annapolis, Md.
Klein, D. J.	Ensign	'43	U.S.N.R.	Massachusetts
Kneymeyer, F. H.	Ensign	'44	U.S.N.R.	Florida
Knudsen, R. A. B.	*	'44	U.S.N.R.	*
Knudson, A. G., Jr.	*	'44	U.S.N.R.	*
Kolb, L. L.	Major	'39	U.S.A.	Minnesota
Kott, W. E.	Ensign	'44	U.S.N.R.	Washington, D.C.
Krick, I. P.	Lt. Col.	'33	U.S.A.	Washington, D.C.
Kruse, F. W.	*	'44	U.S.N.R.	*
Kuhns, R. E.	Ensign	'44	U.S.N.R.	Overseas
Laabs, R. F.	*	'44	U.S.N.R.	*
Labory, R. F.	Lt.	'31	U.S.N.R.	Virginia
LaForge, G. R.	S 1/c	'43	U.S.N.R.	California
Lakos, E. A.	Lt.	'41	U.S.N.R.	Virginia
Landau, Alfred	2nd Lt.	'42	U.S.A.	Overseas
Larabee, O. S.	Lt. Col.	'25	U.S.A.	Washington, D.C.
Larson, E. R.	Lt. (j.g.)	'42	U.S.N.R.	Overseas
Larson, L. C.	Capt.	'22	U.S.A.	Los Angeles, Calif.
Larson, W. R.	Capt.	'40	U.S.A.	Tennessee
Lassen, H. A.	Ensign	'43	U.S.N.R.	Overseas
Latter, Richard	Lt.	'42	U.S.N.R.	*
Laue, E. G.	Ensign	'40	U.S.N.R.	*
Lauterback, R. E.	Midshp.	'44	U.S.N.R.	New York
Lawrence, B. E.	Lt. (j.g.)	'41	U.S.N.R.	*
Lawrence, Theo.	Ensign	'43	U.S.N.R.	*
Lawson, W. G.	Lt. (j.g.)	'39	U.S.N.R.	Mare Island, Calif.
Leenerts, L. O.	Ensign	'44	U.S.N.R.	*
Leeper, L. D.	Lt.	'31	U.S.A.	Overseas
Leggett, J. R.	Lt. (j.g.)	'37	U.S.N.R.	Overseas
Lester, R. W.	Ensign	'44	U.S.N.R.	New Jersey
Leyet, Melvin	Capt.	'39	U.S.A.	Overseas
Levin, G. B.	*	'40	U.S.A.	*
Levenson, B. D.	Lt.	'41	U.S.A.	Overseas
Lew, H. W.	*	'31	U.S.A.	Florida
Lewis, Chas. F.	Capt.	'28	U.S.A.	Overseas
Lewis, E. B.	*	'42	U.S.A.	*
Liddicoat, R. L.	Ensign	'44	U.S.N.R.	*
Lind, C. F.	Lt.	'32	U.S.N.R.	*
Lind, G. W., Jr.	Ensign	'42	U.S.N.	Tucson, Ariz.
Lester, R. W.	*	'44	U.S.N.R.	New Jersey
Lingle, H. C.	Lt.	'43	U.S.A.	Texas
Llewellyn, F. E.	Lt.	'38	U.S.N.R.	Massachusetts
Loeffler, D. E.	Lt.	'40	U.S.A.	California
Lochhead, R. R.	*	'44	U.S.N.R.	*
Lockwood, W. E., Jr.	*	'44	U.S.N.R.	*
Long, E. L.	Ensign	'43	U.S.N.R.	Overseas
Long, N. S.	Ensign	'44	U.S.N.R.	Overseas
Lovett, B. B. C.	*	'36	U.S.N.R.	*
Low, P. F.	2nd Lt.	'44	U.S.A.	*
Lowe, E. K.	*	'45	U.S.N.R.	*
Lownes, E. D.	Lt. Col.	'24	U.S.A.	Canada
Lynn, L. E.	Lt. Col.	'29	U.S.A.	*

Name	Class	Rank	Service	Location
Macartney, E. J.	Ensign	'43	U.S.N.R.	Connecticut
MacDonald, F. E., Jr.	*	'44	U.S.N.R.	*
MacDonald, J. H.	Lt.	'30	U.S.N.R.	Washington, D.C.
MacDonald, Robert	Major	'33	U.S.A.	Overseas
MacKenzie, D. C.	Lt. Col.	'22	U.S.A.	Georgia
MacKnight, R. H.	*	'39	U.S.M.C.	*
MacRostle, Wayne	Lt. (j.g.)	'42	U.S.N.R.	Overseas
Madley, H. H.	Lt. (j.g.)	'42	U.S.N.R.	Utah
Maginnis, Jack	*	'37	U.S.N.	*
Maier, M. P.	Lt.	'44	U.S.A.	*
Maier, O. G.	Col.	'36	U.S.A.	New Jersey
Main, J. H.	*	'41	U.S.N.R.	Pennsylvania
Maloney, F. V.	Lt. (j.g.)	'36	U.S.N.R.	Overseas
Mapel, R. W.	*	'44	U.S.N.R.	*
Marsh, R. E.	*	'43	U.S.N.R.	*
Marshall, J. W.	Ensign	'44	U.S.N.R.	*
Marshall, R. W., Jr.	Ensign	'44	U.S.N.R.	*
Martin, J. S.	*	'44	U.S.N.R.	*
Martinez, Victor	Lt.	'42	Argentine	Nav. Com. Washington, D.C.
Mason, D. M., Jr.	Ensign	'43	U.S.N.R.	New York
Mason, H. S.	Lt.	'32	U.S.A.	California
Mathews, T. E., Jr.	Lt.	'32	U.S.A.	California
Mathewson, A., Jr.	Lt.	'33	U.S.N.R.	Overseas
Matson, Joseph, Jr.	Lt. Col.	'26	U.S.A.	Overseas
Matthew, T. R.	Lt.	'39	U.S.N.R.	Pasco, Wash.
Mattson, D. F.	*	'43	U.S.N.R.	Texas
Mauzy, H. K.	Lt. Cmdr.	'30	U.S.N.R.	Florida
Maxson, J. H.	Major	'27	U.S.A.	Washington, D.C.
Mayer, Adrian	*	'42	U.S.A.	Illinois

Due to lack of space it is impossible to complete the list of Men in Service in the June issue. Names beginning with the letters "Mc" to "Z" will be published in the July issue.

ATHLETICS

By H. Z. MUSSELMAN,
Director of Physical Education

THE month of May, 1945, will bear a prominent place in the athletic history of California Institute of Technology, for it was this month that three sports—baseball, track and swimming brought league championships to the Institute. This together with the tennis tournament victories and the undefeated, untied and unscored-on record of the football team last Fall, makes the 1944-1945 sport season the most outstanding ever recorded at Caltech.

The baseball team won seven out of eight league games, winning two games from each, U.C.L.A., Pepperdine and Occidental, and split the series with U.S.C. The Beavers clinched the title two weeks before the season closed, when an 8-0 victory over U.C.L.A. put the Bruins out of the running. The only defeat registered by the Engineers was at the hands of U.S.C. when the Trojans grabbed a 11-9 mid-season free-hitting affair. Featuring the season were the two victories over U.C.L.A. at the time when the Bruins were fighting it out with Tech for the top spot. In the first engagement, Jack Anderson, starting his first game of the season, pitched and batted his team to a 3-1 victory, while holding his opponents to six hits and striking out nine men. In the return encounter, Anderson again was in fine form, limiting U.C.L.A. to four hits while his team mates pounded out an 8-0 victory. Incidentally, only one other shutout game was recorded in the league this season.

With Anderson and Dick Roettger, two topnotch pitchers, available, many midweek games were played with the record against Junior College and the top Service teams as impressive as the league record. The complete result for the season shows 17 victories and one tie in 22 games played. The team was strong in all departments and all league games were won in a convincing manner. Six men finished the season with a batting average of over .350 in league contests.