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MALEY AWARDED BRONZE MEDAL

Richard P. Maley, geophysicist in the Coast Survey's West Coast Field Office, receives the Department of Commerce Bronze Medal from Capt. Raymond M. Stone, West Coast Field Director, on Mar. 4. Mr. Maley was cited "for extremely competent service in connection with the instrumentation and operation of the seismological network in the United States, Central and South America." He joined the Coast Survey in 1956. Left to right: Captain Stone, Richard P. Maley, and William K. Cloud, Chief, Seismological Field Survey, San Francisco.

ANDERSON NAMED OIC

Kelly F. Anderson has been named official in charge of the Duluth, Minn., Weather Bureau Office. Mr. Anderson, a 23-year Weather Bureau veteran, replaces Kenneth A. Nicolson, who recently retired. His previous assignments were at LaCrosse, Wisc.; Goodland, Kans.; International Falls and Rochester, Minn.

WEATHER DEVICE PATENTED

Richard C. Peck, electronics technician and Elbert W. Atkins, meteorologist, both on the staff of the WB's Test and Evaluation Laboratory at Sterling, Va., have obtained a patent for the Government for a device they developed that reports by wire or radio on all forms of precipitation. Detectors sense the frost point and the presence of rain, snow, or sleet. The output enables an observer to distinguish between light dew, heavy dew or drizzle, frost, rain, snow, and freezing rain or melting snow. The Weather Bureau is studying the economic feasibility of incorporating the invention in a proposed network of automatic, unmanned weather stations that would report also on temperature, wind, and humidity.

C&GS SURVEYS MISS. AIRPORT

A C&GS airport survey party is conducting a survey of Key Field, Meridian, Miss.

FISHER RECEIVES DOC AWARD



Paul M. Fisher, technical assistant to the Director of the Coast Survey's Pacific Marine Center, was awarded the Department of Commerce Bronze Medal at a retirement dinner in his honor on Feb. 28. Center Director Rear Admiral Norman E. Taylor made the presentation. Mr. Fisher

received the award in recognition of his outstanding contributions to the programs and missions of the Coast and Geodetic Survey. A 35-year Coast Survey veteran, Mr. Fisher signed on the old DISCOVERER in 1931, and subsequently served on field parties and as a cartographer in the Seattle Processing Office. He was named technical assistant in 1965. Well known in Seattle marine and surveying circles, he is vice president of the Seattle Post, Society of American Military Engineers, vice chairman of the Washington State Section, American Congress on Surveying and Mapping, and a member of the Puget Sound Maritime Historical Society.

NEW AMS CHAPTER ORGANIZED

Twenty-three persons interested in the atmospheric sciences formed a new chapter of the American Meteorological Society in Medford, Oreg., on Feb. 20. The name "State of Jefferson" was chosen for the organization, since the area covered by the unit includes both northern California and southern Oregon as did the boundaries of the proposed State of Jefferson. Officials elected to represent the chapter are: George R. Miller, WBO Medford, Oreg., chairman; Richard M. Hammer, Southern Oregon College, vice chairman; and James K. Tyrrell, WBO Medford, Oreg., secretary-treasurer.

ALLDREDGE IS VISITING SCIENTIST

Dr. Leroy R. Alldredge, director of ERL's Earth Sciences Laboratories, has been chosen to participate in the American Geophysical Union's visiting scientist program. Dr. Alldredge will speak at Montana State University at Bozeman, Mont., and at the University of Utah, Salt Lake City, during the period Mar. 31 - Apr. 3.

RFF TOURED



Foreign scientists who attended the American Meteorological Society's Symposium on Meteorological Observations and Instrumentation in February were invited to participate in a tour of ESSA facilities. Installations visited included ESSA headquarters; WB headquarters; Test and Evaluation Laboratory, Sterling, Va.; NHC, RFF, and the Atlantic Oceanographic Laboratories, Miami; RFC, Fort Worth; NSSL, Norman, Okla.; Weather Bureau Cen-

MINN. GIRDS FOR SPRING FLOODS



The Governor of Minnesota, Harold LeVander, called a Mar. 4 conference of Federal, state, and local officials involved in emergency preparedness to coordinate plans to combat the spring floods now considered imminent in Minnesota. Left to right: Col. Richard Hesse, District Engineer, U.S. Corps of Engineers; Minnesota Governor Harold LeVander; Philip A. Iverson, Director, State Civil Defense; Joseph Strub, MIC, Minneapolis, Minn.; and Cdr. G. J. Perron, U.S. Coast Guard, Dubuque, Iowa.

tral Region facilities, Kansas City, Mo.; and O'Hare International Airport, Chicago. Howard J. Mason, Howard Friedman, Dr. Gerald Conrad, and Stanley Spivey conducted the party on a tour of the Research Flight Facility. Left to right: Dr. Conrad, RFF; Timo Talvinen, Finland; Mr. Spivey, WBH; Howard Mason, chief, Research Flight Facility; K. Manuilov, USSR; Mr. Friedman, RFF; and Victor Troughine, USSR.

SAFETY AWARDS PRESENTED

During 1968, ESSA continued to reduce its injury and motor vehicle accident rate. Components receiving Safety Awards "for achieving a substantial reduction in accidents and injuries to our personnel in 1968" are: Office of Meteorological Operations, WB Southern Region, WB Western Region, Atlantic Marine Center, West Coast Field Director, National Environmental Satellite Center, Wallops Station. Components cited "for an outstanding contribution in maintaining an accident-free record for 1968" are: Office of Hydrology, National Meteorological Center, Office of Hydrography and Oceanography, Office of Systems Development (C&GS), USC&GS Ships DISCOVERER, MT MITCHELL, PEIRCE, RUDE, and HECK. Each award was accompanied by a congratulatory letter with special mention of those who have been indicated as having made noteworthy individual contributions to the safety effort in their respective areas.

ZETLER IS IUGG COORDINATOR

B. D. Zetler, Physical Oceanography Laboratory Director, AOL, is coordinating the scientific content and funding arrangements for the International Union of Geodesy and Geophysics' Tsunami Symposium to be held in October in Honolulu.

ALASKA COMBINES OLD AND NEW



The old meets the new in Northern Alaska due to the big oil boom on the Arctic coast. Pictured is WB electronics technician Travis Baker installing anemometer during sub-zero cold at Chandalar Lake, a paid second-order station. The station, together with an FAA radio beacon, was established at

this remote location in the Brooks Range in support of the enormous airlift being conducted to the oil discovery area. The new white instrument shelter in foreground contrasts sharply with the old log food cache immediately behind and the log cabin at extreme right. Wayne Adney is the part-time observer.

FEGLI RATES OUTLINED

The maximum amount of regular life insurance is, by law, geared to the annual pay assigned to Level II of the Executive Schedule (5 U.S.C. 5313). The insurance schedule is automatically extended whenever the annual pay for Level II is increased. Life insurance premiums for certain pay rates in GS-16, 17, and 18 have been automatically raised as shown in the new insurance schedule, effective Feb. 23, 1969. The amount of optional insurance remains \$10,000. The new insurance schedule for all employees follows.

If annual pay is:		Regular insurance*	Biweekly With-holdings
Greater than	But no greater than	is	
0	\$ 8,000	\$ 10,000	\$ 2.75
\$ 8,000	9,000	11,000	3.03
9,000	10,000	12,000	3.30
10,000	11,000	13,000	3.58
11,000	12,000	14,000	3.85
12,000	13,000	15,000	4.13
13,000	14,000	16,000	4.40
14,000	15,000	17,000	4.68
15,000	16,000	18,000	4.95
16,000	17,000	19,000	5.23
17,000	18,000	20,000	5.50
18,000	19,000	21,000	5.78
19,000	20,000	22,000	6.05
20,000	21,000	23,000	6.33
21,000	22,000	24,000	6.60
22,000	23,000	25,000	6.88
23,000	24,000	26,000	7.15
24,000	25,000	27,000	7.43
25,000	26,000	28,000	7.70
26,000	27,000	29,000	7.98
27,000	28,000	30,000	8.25
28,000	29,000	31,000	8.53
29,000	30,000	32,000	8.80
30,000	31,000	33,000	9.08
31,000	32,000	34,000	9.35
32,000	33,000	35,000	9.63
33,000	34,000	36,000	9.90
34,000	35,000	37,000	10.18
35,000	36,000	38,000	10.45
36,000	37,000	39,000	10.73
37,000	38,000	40,000	11.00
38,000	39,000	41,000	11.28
39,000	40,000	42,000	11.55
40,000	41,000	43,000	11.83
41,000	42,000	44,000	12.10
42,000	---	45,000	12.38

* Includes life insurance and accidental death and dismemberment insurance each in the amount shown.

SYDNEY/BOULDER ASSOC. FORMED

ERL became a member of the newly established Sydney-Boulder Astrophysics Association on Feb. 24, when University of Colorado President Joseph R. Smiley, ERL Director Dr. George S. Benton, and NBS-Boulder Laboratories Director Dr. Bascom W. Birmingham signed and ratified an agreement formalizing the long-standing

exchange of American and Australian scientists. The association, whose principal members are the University of Colorado and the University of Sydney, will promote cooperative research programs in solar and atomic physics. Initially, the emphasis will be on solar studies and associated theoretical and laboratory research.

SERVICE AWARDS

Length-of-service awards are due to be presented to the following WB Eastern Region employees during the first quarter of 1969. 25 years - Lyle J. Hinton, Greenville-Spartanburg, S.C.; Donald E. Weddle, Wallops Island, Va.; Joseph J. Muzzioli, Boston, Mass.; Arthur Pagnozzi, New York, N.Y.; Annie L. Gale, Charleston, S.C.; Harry J. Pause, Providence, R.I.; Edward J. Sarnowski, Buffalo, N.Y.; William W. Brown, Greensboro, N.C.; Mack Ohmart, Lynchburg, Va.; Harry R. Mansfield, Charleston, W.Va.; Joseph A. Mirisola, New York, N.Y.; and Zelta J. Lincoln, Youngstown, Ohio. 20 years - Richard M. Greening, Garden City, N.Y.; and Robert E. Mallory, Phila., Pa.

Washington-area ESSA employees eligible for service awards during March are: 30 years - Albert Heck, William Templeman, Thomas Hammett, and Lucius Dye.

25 years - Ralph P. James, Kenneth Nagler, Julian Posey, George H. Baer, Vernon Alexander, William Brisben, Walter J. Bell, Dan Hennich, and Roger L. Carter. 20 years - Ernest A. Wood, Elizabeth White, Robert Eppley, and Robert Robey.

Service awards were recently given to the following employees assigned to mobile field parties and field offices under the Atlantic Marine Center: 30 years - George E. Moore, William F. Rexrode, and William H. Shearouse. 25 years - Concetta E. Pannese, Lily Seigel, and Arrico A. Nicastro. 20 years - Robert S. Tibbets and Junior V. Teater.

WB Southern Region employees due March awards are: 30 years - Floy M. Bonham, Fort Worth, and Gordon L. Bailey, Daytona Beach. 25 years - Walter R. Hall, Atlanta, Ga., and Harold G. Baker, Houston. 20 years - Bernarr M. Woitschek, New Orleans and Richard W. Eason, Shreveport.

RETIREMENTS

The following employees retired during February:

Washington-area Weather Bureau - Ira D. Boyle, Joseph L. H. Paulhus, Alvin F. Seebode, Elza G. Lorimer, and Willis A. Wood.

WB Eastern Region - W. Howard Ulsh, Wilmington, N.C., and John McCarthy,

Albany, N. Y.

WB Southern Region - Emma B. Edsall, Fort Worth; Ernest Sherrill, Vicksburg, Miss.; J. Lloyd Branson, Bristol, Tenn.; Rolen L. Cornelius, Atlanta, Ga.; and John F. Leach, Laredo, Tex.

FORMER C&GS OFFICIALS DIE

Capt. Fred A. Riddell, who served in the Coast and Geodetic Survey from 1928 to 1961, died Feb. 3 at Fort Collins, Colo. Captain Riddell formerly headed the Portland, Oreg., Photogrammetric Office and the Kansas City, Mo., District Office.

Capt. Robert F. Luce, one of the ori-

ginal officers commissioned in 1917, died on Feb. 5. Captain Luce served in the Coast Survey from 1906 to 1947. During his career, he commanded eight Coast Survey ships, was Director of the Coast Survey of the Philippines, and assistant chief of the Hydrography and Topography Division in Washington, D.C.

Items to be considered for ESSA NEWS must be received by Friday for publication the following Friday. Send material to: Office of Public Information, ESSA, Room 804, Bldg. 5, Rockville, Md. 20852. Phone (301) 496-8243.

National Oceanic and Atmospheric Administration

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