Holiday Events Crowd Coronado Club Social Calendar for Reminiscence of Year

A full round of entertainments, parties, and social gatherings began this week at the Coronado Club as Sandia organizations took special note of the Christmas and New Year's holiday season.

Sandia Corporation and the Club entertainers calendar for holiday parties includes:

- **1900-Dec. 3, 7, Buffet Dinner-Dance**
- **2300-Dec. 4, 7, Buffet Dinner-Dance**
- **2500-Dec. 9, 6:30, Buffet Dinner**
- **2462-1-Dec. 17, Cocktails-Juke box**
- **3150-Dec. 23, 7:30, Buffet Dinner**
- **4000-Dec. 31, 7:30, Buffet Dinner**
- **1240-Dec. 14, 7:30, Buffet Dinner**
- **3160-Dec. 16, 7:30, Buffet Dinner-Dance**
- **5000-Dec. 17, 7:30, Buffet Dinner**
- **2461-Dec. 17, Cocktails-Juke box**
- **2463-Dec. 18**
- **2500-Dec. 21, 9, Dance**
- **2320-Dec. 22, 7:30, Buffet Dinner-Dance**
- **3155-Dec. 23, 7:30, Buffet Dinner-Dance**

Social events for Coronado Club members during the Christmas Season include a gala Children's Christmas party on Dec. 18.

There will be early gifts, gifts, and TV Star "Uncle Elthor" to give the kids some laughs. Mike Michnowicz, the pharmacist of the association, will provide Christmas treats.

A special Christmas Hi-Fi Concert, Dec. 25, from 9 to 11 p.m., when Handel's Messiah, and other appropriate sacred music and organ selections will be a feature. Members only will take part in a Coronado Christmas Egg Roll party on Dec. 26. Leigh Sprague's comics will fill up the holiday music.

Capping the holiday festivities will be the New Year's Eve Dance on Dec. 31, when Dms. Leomus's Orchestra plays for dancing, and the BBC Trio helps out downtowners.

Guests will all be for the New Year's Eve affair only if all available seats are not taken by members Dec. 27, Club officials stated. Ticket prices have been set at $12 per person, which includes the cost of noisemakers, hats, and a special next year breakfast of bacon and eggs.

Adm. Davis Talks To Radio Club on Carrier Aviation

Rear Admiral William V. Davis, USN, deputy commander for the Navy of the Field Command, will address the Club, will give a non-technical talk of the development of carrier aviation at the Christmas party and dinner meeting of the Sandia Base Radio Club, Dec. 6.

The meeting will be at 7 p.m., at the Desert Sands Motel Room, 8000 Sandia Blvd. (SW).

Admiral Davis, WS9W, a radio amateur for more than 35 years, will supply the program with special Navy films on carrier aviation. Admiral Davis has seen extensive service with naval aviation units, and in command of the USS Fugale, a carrier acting in support of the Okinawan operation. In 1950, he assumed command of the giant carrier, the USS Franklin D. Roosevelt, and was assigned to Sandia Base as Deputy Field Commander in April, 1952.

Tickets are $2.50 per person, and may be obtained from Carl Carbong, ext. 2029 and Lt. Col. Glenn Douglas, ext. 9014.

Doors will be opened at 6:30 p.m., with the main dance to start at 7:30 p.m.

Many personal friends will attend the meeting.

Guests will be allowed for the dance, with a maximum of 750 members present. (25 couples) sized.

Nuclear Group

Dr. R. S. Wilson, manager of the Condingle Laboratory of the General Electric Company, X-Ray department, will be chief speaker for a lecture on "Useful Applications of Radiation" to a meeting of the professional group on nuclear science of the Institute of Radio Engineers.

The meeting will be Dec. 14 at the Electrical Engineering Building on the University campus for a lecture, Christmas Night Dinner, 6:30 p.m., at Lobo Joe's Dinner Rooms on Central Avenue NE.

Professional Group

The professional group on Information Theory of the Institute of Radio Engineers will meet Dec. 8 at 8 p.m. to hear Charles Bidelman, 2411, discuss "Significance of Noise Problems in Coaxial Cables."

The meeting will be held in Room 2412, Mitchell Hall, on the University campus.

Caravan Club Will Participate in Big Civil Defense Alert

Members of the Amateur Radio Caravan Club of New Mexico will hold a "216000" Transmitter hunt Dec. 7, meeting at the corner of San Mateo and Central, at 7:30 p.m. John Davis, W5FF, will take the transmitter. Members can track him on 216000.

Dec. 6 through Dec. 10, members of the Caravan Club will stand by to assist and conduct in the maintenance of the Civil Defense communications net for "Operation Ready," a five-state defense alert, the practice drill will be held some time during the period from 7 p.m. Dec. 6 through 10 p.m. Dec. 10.

At present, some 30 Sandia Corporation personnel will take part in the test. Members of the Caravan Club will man a mobile radio unit on Sandia Crest.

Radio Club Welcomes Group of Navy Men

Sandians Praised for Part in Program Of Symposium Conducted by U. S. Navy

Rudy O. Franitz, 5133, and Howard E. Ellett, 2411, who recently participated in a symposium at the U. S. Naval Ordinance Laboratory in Coronado, California, have received letters of appreciation from the chairman of the Symposium Steering Committee.

The Symposium was sponsored by the Department of the Navy in cooperation with the Departments of Defense, Army and Air Force.

Speaking to more than 400 representatives of military organizations, government agencies, and contractors, Franitz read a paper on "Reliability Programs," and Ellett on "Machanis of Environment."

The Ordinance Laboratory director cited the papers and subsequent discussion as "having made a significant contribution to the success of the Symposium."

Other Sandians attending the program included William Smith, 5131, Harlin Kelley, 5122, and Donald Dreessen, 5122.
Be Here S-D Day Plus One

During the next 14 minutes automobile accidents will kill one person and injure 37 in this country—one person will be totally and permanently disabled.

Last year 38,000 died and 1,350,000 were injured in automobile crashes in the U. S.


The day will be observed in cooperation with various national organizations as time to demonstrate that traffic accidents can be reduced materially when all motorists and pedestrians do their part.

The test confronting every community will be to remain completely free of traffic accidents for the 24-hour period. S-D Day is an opportunity and a challenge to all Americans to join in a common effort against a common enemy: the traffic accident.

1. Observe the letter and spirit of all traffic regulations.
2. Be courteous to every driver and pedestrian—practice sportsmanship.
3. Be on full alert for all traffic and walking. In short, drive and walk as you would have everyone drive and walk.

Traffic accidents are great. There were about 55 million motor vehicles on the streets and highways in 1953 and the traffic fatality rate was 7.1 for every 100,000 miles of vehicle travel.

It is predicted that by 1975 there will be 85 million vehicles operating. So in order to hold our own — to keep fatalities at 38,000 per year—we shall have to cut the mileage death rate from 7.1 to 4.5.

If we can make every day Safe Driving Day we will have a much better chance of being this Christmas and many more Christmas Days to come.

About the New Mexico Hunting Season

Saddest Story

Bill Jenkins, 2224, did his hunting in the back yard. Jerry's what you can do on a S-D Day:

1. Observe the letter and spirit of all traffic regulations.
2. Be courteous to every driver and pedestrian—practice sportsmanship.
3. Be on full alert for all traffic and walking. In short, drive and walk as you would have everyone drive and walk.

Traffic accidents are great. There were about 55 million motor vehicles on the streets and highways in 1953 and the traffic fatality rate was 7.1 for every 100,000 miles of vehicle travel.

It is predicted that by 1975 there will be 85 million vehicles operating. So in order to hold our own — to keep fatalities at 38,000 per year—we shall have to cut the mileage death rate from 7.1 to 4.5.

If we can make every day Safe Driving Day we will have a much better chance of being this Christmas and many more Christmas Days to come.
Teamwork Helps Tests Using High Speed Rocket Sleds

There’s a thousand feet of what looks like railroad track in one of Sandia Corporation’s technical areas which could be considered a monument to near-perfect teamwork.

But of course it’s no monument. It is testing equipment used by Sandia Corporation engineers and technicians. A non-classified Laboratory publication tells of the equipment in these words:

“A rocket-propelled sled which operates on a standard gauge (4 feet 8 1/2 inches) track 1000 feet in length is available for high velocity impact testing.”

‘The need for high velocity test track as a standard test tool at Sandia was recognized some time ago and the construction go-ahead signal was given.

Original specifications for the track were drawn up by engineers in the 1200 organization. The project was designed by Plain Engineering, 2448, and constructed by an outside contractor on the basis of his competitive bid.

Teamwork’s The Answer

This begins the story of a project which demonstrates how big tasks at Sandia are accomplished through teamwork which knits men of varied professions and skills into a formidable squad intent on weapons research and development problems.

William M. Smalley, 341, Specific Projects Division, was one of the men the Sandia News interviewed concerning the rocket sled test project. It was Bill who pointed out the tremendous cooperative effort involved in these tests.

“Let’s take a hypothetical case,” he suggested. “The request for a specific test could come from engineers in Engineering I or II (120 and 1300), or it might come from one of the research organizations.” He mentioned the 5000 and 5300 organizations as examples.

“Our test sleds which test slippers to run on the track rather than wheels, are designed by the requesting organizations and are built by men in the Specialty Shops Division, 2124, and the Machining Division, 2151.

“The Test Laboratory Department, 1600, has the job of managing these tests. Most directly concerned with the work at the track is the Area 2 and 3 Activities Section, 1613-3.

Live With Test

“Paul Syroid, Section Supervisor, John L. Krafe, Fred Brown, John Collbran, and Donald A. McCoy, all of 1613, and Dick Myers, 1642, are among the men who spend long hours ‘living’ with the tests.”

Explaining the progress of the imaginary “shot,” Paul continued, “The sleds are delivered to the track after being assembled with necessary equipment in Bldg. 135 by men of 5212 under supervision of Harvey S. North. The rockets which power these sleds are delivered to the track by the Transportation Division, 2235.

“The rockets, Paul explained, ‘as dye by the Optical Measurements Division, 5216, under the direction of R. S. Reynolds, B. C. Benjamin in Division Supervision. Technical photography is also a job for 5216 and is directed by Howard G. Swenson with John O’Dell doing much of the work at the site.’

But before the rockets cover the sled down the track at near supersonic speed there is still much work to be done. Men in the Carpenter and Painting Division, 2213, have fabricated the targets located at the end of the track in front of a high embankment into which the sled will plunge.

Mechanics of the Motor Pool Division have serviced the generators, and transportation problems have been solved by the Dispatcher’s office in the motor pool. Cleanup of the debris following the test will be done by the Grounds Maintenance Division, 2415-1.

Nurses at Test

The Medical Department, 1686, has a mobile first aid station on the scene, staffed by two nurses. The director of Safety Assurance, 1200, has reviewed all procedures to ensure the greatest safety factor possible.

“As hour of the test approaches,” Paul continued, ‘emergency and technicians of 1613 arm the sled’s rockets and will supervise the firing at 11-hour.

Sid Cook, the man at the control panel in the bunker, sounds the siren-alarm and the area is cleared of personnel. A switch is thrown and an automatic timer takes over, down the ten-sec- ond countdown will sound over the public address system.

All test personnel are in the safety of the control bunker. They are seeing the test on television screens. Two TV cameras are operating, one trained on the rocket sled, the other on the target area.

“The ‘Shot’

“Three seconds, two seconds, one second, FIRE!” Sid completes the countdown as he has for many of previous tests.

There’s a roar...an explosion. The sled travels so fast that only trained eyes can distinguish between the rockets’ firing and the sled slamming into the wooden target.

In this brief moment of time, through the miracle of telemetry, ultra-fast photography, through the miracle of all the sciences, vital information has been gathered and recorded.

Scientists, engineers, technicians and others will add this information to the results of other tests and thus swell our store of national defense knowledge—through the magic of America’s ingenuity and cooperation.

TOWARD THE TARGET roars the sled—some tests have seen them travel at near supersonic speeds. This picture was taken from the tower in the control bunker area adjacent to the test track area.
Sandia –AF Reserve Officers to Attend Resources Conference

Sandia –AF Reserve Officers to Attend Resources Conference, held for the first time in the Albuquerque area, from Dec. 8 through 17. Those ordered to attend the Conference include: Sid Merritt, 4133; Chuck Charles, 3313; Ken Overbury, 1231, and Las Roster, 1340.

Instructors and seminar leaders at the conference are officers detailed from the Industrial War College in Washington. Some 150 military and 150 Albuquerque civilians are expected to take part.

The Conference will bring responsible local manufacturers, exporters, production experts on the current world situation, the industrial potential of the nation and other topics.

Board Clarifies Rules for Use of Coronado Club by Groups

Certain Coronado Club facilities, including bowling and swimming, are now open to various social, technical and hobby groups. The Club Board of Directors has announced. Meeting rooms and the hallways are available on nominal rates to organizations in which at least one-third of the members hold membership in the Coronado Club.

Only two such activities each year will be permitted for such social group or administrative organisation. No functions held by such groups shall be open to the public, and attendance shall be limited to organizational members and their personally-accompanied guests.

Individual members may also arrange for use of specified areas of the club for private parties of a social or cultural nature. Two weeks notice of such parties must be given to the Club Secretary in writing.

Welcome!

Newcomers

A welcome is extended to the following newcomers who joined the Corporation between November 9, 1954, and November 26, 1954.

Engineer to Tell of Turbine Compressor

The Albuquerque section of the American Society for Mechanical Engineers will meet Dec. 13 in Room 104 of Mitchell Hall on the University of New Mexico campus to hear a talk by R. A. Wahl, chief engineer of the southern division of the El Paso Natural Gas Company. He will speak on "Gas Turbine Compressors," compressor for Gas Transmission. The El Paso gas turbine installation near the city is the first such large-scale construction in the country.

Welcome!

Newcomers

A welcome is extended to the following newcomers who joined the Corporation between November 9, 1954, and November 26, 1954.

Willard A. Branson ... 2522-2
Dale R. Martin ... 2643
James H. Childs ... 2923
Clyde M. Bleschopp ... 2523
P. D. Brandt ... 2521
Robert D. Mathews ... 2643
Clayton M. Bevan ... 2521
William G. Smith ... 2544
William L. Swenson ... 2521
Thomas W. Fink ... 2522
Richard L. Smith ... 2522
Elizabeth B. Emmon ... 2523
Margaret E. Nixon ... 2521
Matthew E. Whitehead ... 2521
L. M. Davis ... 2521
Raymond L. Weiss ... 2522

Directors of N. M. Tech Council Meet At Coronado Club

The Board of Directors of the New Mexico Council of Technical and Scientific Societies will meet Dec. 7 at 7:30 p.m. at the Coronado Club, to discuss future plans. All directors are urged to attend.

OPERATIONS AT SALTON SEA BAKE were reviewed recently by several Sandia Corporation representatives of top management and an informal meeting of supervisors was held to exchange ideas and suggestions. In the back row, left to right, are: John Keller, 2214-2; Ted Sprank, 2465; Harvey Mahlmann, 2000; Max Ralls, 2384-1; Max Howarth, Vice President and General Manager; Burke Duell, 2484-1; Tony Lunkans, 2461-1; James McKean, President; Harry Schneer, 2462-1; Karl Robbins, 2461-1; Lloyd Wilson, 2462; Fred Schmidt, Vice President, Operations, and Al Grant, 2210. Front row, left to right, are: Luther Keilman, 2000; Joe Omlin, 2402-1; Milton Laxda, 2403-1; Bob Schrem, 3214-1; Bob Hopkowitz, 3215; Don Fifeid, 2402, and Arthur Pearson, 2402. It was the first time Mr. Howarth and Mr. McKean had been able to visit the installation, where extensive and positive telemetering activities are carried on in connection with ballistic tests. Mr. Schmidt had Mr. Keilman as his guest, escorted to a Los Angeles conference. Mr. Hollman and Mr. Gruner, more directly concerned with our "avalon" facility, are well known to Salton people. The visit was taken by Harry Harren, technical photographer at SSTB in California.

Sandians Who Serve

This is another in a series of articles describing the community activities of Sandia Corporation employees.

Charles A. "Chuck" Roed - 2332 Basketball Coach

Charles A. "Chuck" Roed of 2332 has been active in juvenile athletics, coaching and managing the junior high and high school basketball teams of the Central Methodist Church. He has given a good deal of time and effort with the church and all of which have enjoyed highly successful seasons.

Chuck occasionally does some solo singing with his church choir, and is an active member of the Board of Stewards and the Methodist Men's Club.

Recently, he directed the choir for the minstrel show staged at the church, and in working with the Methodist Men's Club.

He is a member of the American Legion, and takes part in local Masonic Lodge work.

Woman's Club Plans 1954 Holiday Brunch

Members of Sandia Base Woman's Club are making plans for their annual holidays brunch, Dec. 19, 9:30 to 2:30 at the Officers Club. Guests will be entertained with music and a Mexican motif will be observed. Fistas and sports wear may be worn, Mrs. Poole says.

Other members of the committee are: Mrs. B. E. Stroth, co-chairman; Mrs. E. G. Daughton is charge of invitations; Mrs. Wilson Magrath, secretary; Mrs. E. M. Hiner, table decorations; Mrs. E. S. Humphrey, publicity; Mrs. L. E. Schott, posters.

Reservations for the brunch will be taken until noon Dec. 17 and may be made by calling the Officers Club, ext. 2056 or 2059.

ASTE Meets Tonight

"Caribou Country" will be Dr. Wayne Embry's special topic before a meeting of the American Society of Tool Engineers at the Desert Inn, 111 Central Avenue.

The Ladies Night and dinner gathering will be held tonight at 7 p.m.

Safety Saying

Don't be a fell guy. Watch where you are going.

STAR OF THE SIA orphanage in Korea is being remembered by folks in 2461 this holiday season. The institution is being sold $20 which they may spend in U. S. post exchanges in Korea. Earlier this year the orphanage was send tile for the floor of two rooms as well as gifts of clothing and food for the youngsters.

Index
For more than 300 Years Santa Fe has Made History

Editor's Note
Recently it was suggested to the SANDIA LAB NEWS that we tell of Albuquerque's neighbor to the north, Santa Fe. Rick in history, a treasury of culture and abundant in folklore, Santa Fe is a fascinating subject for today's writers. But it is even more intriguing for present-day "explorers" who have the Sunday afternoon of leisure and a thirst for something different. The LAB NEWS looked at Santa Fe and brings you this story of the city of history, culture and adventure.

There's a disarming naiveté in saying that a city has charm. San Francisco has its fog and cable cars. New Orleans has its French Quarter and Canal Street. San Francisco has its fogs and cable cars. New Orleans has its French Quarter and Canal Street. But you can see and feel it, love it. Therefore, the best way to experience its fascination is to let Santa Fe greet you as a visitor just as she has been greeting visitors for the past three centuries.

Unchanging Timelessness
What tourists find attractive about Santa Fe, apart from its Old World atmosphere, is the spirit of unchanging timelessness which drifts through the narrow and crowded thoroughfares. It seems as though Otermin, and DeVargas, and Governor Bent, and Perez and Comandido and Kit Carson and the others who played their roles on the Santa Fe stage are still lingering in the wings, straining for their cues.

The scenery is the same, the same sage-smelling wind blows through the foothills onto the Plaza, the same great blue bowl of the Santa Fe sky, the same Tularosa Basin which comprises the back part of the governor's palace grounds. It also is the protecting bastion for the new town of La Villa Real de Santa Fe de San Francisco. In its one-time dungeons, barracks rooms and administrative offices are kept the artifacts and relics of the living past.

Midway through your tour, you'll become strangely conscious that you are breathing history, and perhaps you are; the Old West can never die in a town like Santa Fe.

Art Gallery
Across the street on the north-west corner of the Santa Fe plaza stands the Museum of New Mexico art gallery. Each month a new art show is hung in the modern pueblo corridors. Apart from regular exhibits of Santa Fe and Taos artists, the gallery maintains a representative permanent collection of Indian and contemporary art. Although experts have not agreed on the Taos School, many do see New Mexico art of the rising new art movements of our time. You can judge for yourself on week-days from 9 to 5, on Sundays from 2 to 4 o'clock.

Another form of art, folk art, the work of peasants peoples of all countries, is exhibited at the new and modern Museum of International Folk Art. It was founded and opened in 1953, and already has acquired a world-reputation for the European handkerchiefs, textiles, embroidery, metal work, ceramics and carvings stored within its walls.

An exhibit in the Main Gallery is semi-permanent. An outdoor museum of folk carvings is planned, and a Swedish farmhouse complete to chimneys, malthouse and furnishings has been erected on the grounds. A costume gallery displays the wearing apparel of Oceania, Africa, America, and other countries. Visitors are welcome. Some of the essence that is only Santa Fe can be discerned in the Cathedral of St. Francis, constructed by hasty Archbishop Lamy in the 18th Century. Volcanic stone was cut for the giant main nave of the old church, 55 feet high. Embalmed in one corner of the building is the 200-year-old statue of Saint Francis to whom an annual homage has been paid since her creation. In another corner two friars are buried, only known burial sites of 53 monks who stooped into New Spain with the protecting vanguard of the Conquistadores.

Old Style Church
San Miguel Church at Church and San Francisco Streets is the oldest church in the New World. It was founded by Fr. Benavides in 1621 and during the Indian rebellion of 1680 the church was burned. In 1692 DeVargas restored the church and it has been in constant use since.

Photographs on this page courtesy New Mexico State Tourist Bureau

THOROUGHBORNE—Canyon Road in Santa Fe is one of the first streets of the ancient city.
Jim Kelly's Team Stays Undefeated
To Win in League

Sandia Employees Volleyball season

drew to a close this week, as Jim Kelly's
girls overwhelmed the opposition, and
turned in an

un

SANDIA LAB NEWS

score for League standings:

TEAM WINS

Grizzlies

13

Thundercats

11

Utahs

11

Cowboys

9

Redkites

5

Aggies

13

Cougars

13

Eagle

10

Lakervene Hartzell


Placek, Alb. 5-3113.

MAN'S

wheels, spare parts. Pilkington, Alb.

CHROME

crib, air-spring mattress $15; child's car seat $15. Cameron, Alb. 5-3242.

APRIL 20th-

RC Allen 7-col. adding machine $75; ten-key adding machine $40. Halpert, 2624

3rd

COFFEE MAKER, gas, stainless steel, 3 years old, 3 parts. E. Brown, Alb. 6-6808.

HARDWICK gas range, best offer. Emig, 3-1824.

HORSESHOE balls, 10 cases, 1 new $6. McLaughlin, Alb. 5-6624.

MOTOCYCLE, 1955, Golden Flash Finish, 8,500 miles. Neiman, ext. 6529.

FORD 4-Door sedan, 1,800 miles, 2 owners. Lee, Alb. 5-6026.

MINIATURE model 100 gas golf club, new, 500 balls shot with. Kimball, Alb. 6-3926.

GE-800 DELUXE, 1 owner, original owner, $895 or best offer. Gunderson, rear house at 425 Alcazar NE.

EASY SPIN DRYER $15. George, Alb. 6-3269.

GE-400, mahogany $99. Witt, Alb. 4-5626.

 coincident $15. George, Alb. 6-2969.

2-Door, 5 pass. heater, 2 door, 5 pass. Young, Alb. 6-6245.

1953 CHEVROLET convertible, less than 80 miles, one owner. House, 5-2986.

ANTIQUE CAST IRON RADIATOR, practically new. Fields, ext. 5-6536.

GAS HUB, 3 burners, 2 range, one oven. Salsbury, needs small repair $60. Scoville, ext. 35195.

3-ROOM apartment, 2-bath, 1-car garage, practically new. Devita Rd. 6-4900.

1950 PACKARD, 40,000 miles. White, Alb. 5-8491 after 5.

COAST GUARD BAY, 2 bdrm., 2 bath, 2-car garage, 4 years old. Thompson, ext. 5-6849.

FORD 4-door sedan, $500 or best offer. Franklin, ext. 5-3023.

REDONDO BEACH, 3 bdrm., 2 bath, 1-car garage, practically new. Seabrook, ext. 4-4094.

GARAGE, 1500 sq. ft., 1953. Harris, ext. 5-5165.


BICR, 2-night stand, cost $50. Brown, ext. 5-1624; after 6 P.M. Brown, ext. 5-4943.

6" KEROSINE HEATER, $14. Simon, ext. 5-1740.

SYMPATHY

We extend sympathy to Larry Lowe, 211-3, for the death of his brother in Detroit, Mich., Nov. 15.

We extend sympathy to Pat D'Emotio, 6102, for the death of his wife, Nov. 24.