

# Armour Research Aids Industry

## Honolulu Model Teen-Age Club Answers Delinquency Problems

HONOLULU, Jan. 13.—Not to be outdone by the mainland, a teen-age club movement has also been started here. The ever-popular juke box will be used to furnish music in the one club that has been started off early in the new year. The present club is expected to serve as a model for others that should follow during the year. Local newspapers are boosting the idea and the story is best told by Nita Perlera, in *The Honolulu Advertiser*:

It all started with the Youth and the War Effort Committee. This committee wanted to do something for the "youth" of the territory, which would not only offer entertainment but would also keep children off the streets, lessening juvenile delinquency.

This committee visited Capt. Ray Madison of the Crime Prevention Bureau and "learned" about juvenile delinquency. They found out it was cheaper to furnish our younger set with entertainment than to pay the "price" of juvenile delinquency. Along with Captain Madison the committee talked with and obtained interesting and helpful information from the Rev. John L. Dunstan, general secretary of the Hawaiian Board of Missions, who had visited canteens on the mainland.

Ann Celiz, chairman of the committee, wrote to mainland canteens, receiving in return information and clippings concerning their canteens. This helped a lot also in the planning of "our" canteen.

### Big Job

Later the inter-high school council, made up of representatives from each high school in the territory, took over the job of planning this means of recreation for our high-school set. The Honolulu Social Agencies elected a committee, of which Walton Gordon was adult chairman, to help the representatives with their "problem."

After it was definitely decided to start a canteen, 6,000 membership application blanks were mimeographed and distributed thruout the high schools in the territory.

## Motor City Music Co. Saves Man-Hours by Record List Posting

DETROIT, Jan. 13.—A systematic control of the paper work for records placed on music boxes is paying off for the Motor City Music Company, operated by Harry and Morris Goldman. The company operates a large number of remote-control installations, as well as single juke, and has a complicated problem accordingly.

It was found that most of the labor and time required to change record slips on a large number of individual remote boxes could be eliminated by the simple device of making out a master list of the records in each position and using copies of this pasted on the front of each box, mounted and covered over with a protecting layer of cellophane.

### Appeals to Operators

This system, while not entirely individual with the Motor City firm, has been adopted by them for all its boxes, whether having remotes or not, and is a cardinal point of operation with them. Originally appealing to the busy operator as a means of conserving time in a period of great help shortages, it has been found to have other significant advantages as well.

One of these is that a copy of the master list for each location is quickly made—as a carbon copy when the basic list is made up—and retained at the office. Accordingly, the girl in charge of calls can always know what record is in each position on each juke, much as the traffic officers of a railroad can always tell where a particular car is on the (See *MOTOR CITY* on page 67)

## Experiments of Foundation Akin to Coin Mch. Problems

Study of kinks in phonographs, development of wire recorder, electronic research, among Armour's current projects—vending trade interested in candy tests

CHICAGO, Jan. 13.—The heavily endowed Armour Research Foundation here may not be doing work directly for the coin machine industry but it is doing research on products very close to it. The work of the institution first drew the attention of the juke-box industry last year, when the announcement of a wire recording device was made known to the public. This device of recording sound on wire had been first used by the armed forces, after being developed by the Armour institution here. Many new methods of recording sound and music were being developed during recent years and as each new method was announced, the juke box industry began to wonder whether some new plan would be perfected which would displace standard disk records. Naturally, when the wire recording device was announced, there were some questions raised as to what effect it might have on the future of disk recordings. Everybody soon agreed that none of the new methods would displace the standard disk and that the juke box trade could look forward to a long future in using the disk records for popular music. In fact, the juke box trade could expect to become the biggest single market for such records. If the new recording methods became practical in the future, they might offer competition in the use of disk recordings in the home or they might compete with the juke box trade directly, by providing commercial music services for high grade locations. Inventors and manufacturers of the new recording methods, themselves were willing to admit that their new ideas would have to find highly specialized fields in the future.

### Work for Private Firms

The invention of a recording device by the Armour institution, however, revealed that this organization is doing important research work in the field of recording sound and its uses. It offers research services to private firms and already has a project of making investigations into possible ways of controlling the vibration on phonograph pick-ups for a firm making turn-ables for phonograph manufacturers. This is considered a very technical problem of research and it shows how much work is constantly being done by experts to improve recorded music. All new ideas and inventions developed by such research usually become available to the juke box trade. Manufacturers in the juke box trade have always been alert to utilize any new ideas that are developed by research organizations.

The phonograph research work being done by the Armour institution is for an Ohio firm and involves reduction of speed variation and noise in electric phonographs as well as methods for regulating and controlling the vibration which is transmitted to the pick-up. It has been discovered that in electric phonographs the motor vibration is transmitted to the pick-up and the research is being done to try to eliminate this.

### Investigating Electronics

Among the 117 research projects being carried on by the Armour institution for various firms, are a number of research investigations in electronic problems. Research work on electric wire and sound reproduction of various kinds is under way there and may eventually mean much to the juke box trade.

The vending machine trade may also eventually profit much by the findings of this research organization. Among the projects which its 300 staff members are working on, are such ideas as that of improving materials that are used in making candy bars. A well-known manufacturer of candy bars in Chicago is sponsoring the project, which seeks to develop raw materials for the use (See *Armour Research* on page 67).

tributed thruout the high schools in the territory.

According to Miss Celiz applications have been "pouring in." Altho membership has been limited for the present, other persons within the age limit will be able to join when more "room" is obtained to accommodate canteens.

The board of managers at the Nuuanu Y contacted the council telling them they could use the study room, game room, auditorium, lobby, gym and swimming pool for their canteen—no rent asked.

The Royal Crown Company donated an amplifier, portable bar and refreshments for the opening night. This company, which sponsors teen-age canteens on the mainland, reports mainland canteens are being opened with marked success.

The canteen will "start out" with money given them by the Community Chest of the territory.

### Open All Day

Teen-age canteen will be open all day, every day, with jam sessions starting at 6 p.m., ending at 9 p.m. Members will be allowed admissions any time of the day up to 9 p.m., when it closes. A juke box, refreshments and games will be available daily to the youngsters "belonging" to the canteen.

In order to "belong" one must be between the ages of 16 and 19 attending high school. Dues will be a dollar a year, membership cards will be issued. If this canteen is successful and if buildings can be obtained others will be started in the Kalihi and Kaimuki districts.

Plans are now being made for the canteen constitution. Officers will be elected later.

The territory not only wants something like this but also needs it. This canteen offers excitement, entertainment and education for the high-school set. A place where they can go to sing, dance, swim—even study. A place for bookworms as well as jitterbugs. The remarkable response for membership shows the enthusiasm felt by the youngsters toward this canteen.

It'll be a happy day for the territory when we have more canteens to satisfy the very modern tastes of our younger set.

## AMERICAN FOLK TUNES

Cowboy and Hillbilly Tunes and Tunesters

—By Nat Green—

All Communications to 155 N. Clark St., Chicago 1, Ill.

### Massey on MBS Net

Baritone Curt Massey left Chicago for the West Coast Saturday (13) following his final *Starring Curt Massey* broadcast over NBC. He will return to the air waves February 5 with a new five-time weekly spot on Mutual, airing from Hollywood. Curt formerly was with Louise Massey and the Westeners. His recent Columbia recordings (first in 27 months) will be released late this month and include *If I Had My Way, You've Got Me Where You Want Me, Sweetheart of My Dreams, and Candy*, Johnny Mercer's latest tune. En route to California and before starting work on his new show, Curt will stop off in New Mexico to spend a week vacationing on his ranch there.

### Versatile Slim Carter

Slim Carter, radio entertainer on WKST, New Castle, Pa., is a versatile guy. Slim and his wife, professionally known as Brown-Eyes, have been on WKST since June, 1942. In that year they won the WVVA popularity contest. Their All-Star Radio and Jamboree has toured Western Pennsylvania and Eastern Ohio, drawing large crowds, and last season Slim had a tent show on the road. He has a music publishing house; handles radio and stage promotions, operates a farm, dabbles in real estate as a side line, raises dogs and collects guns and

is a speedboat fan, owning three boats. Slim and Brown-Eyes have a youngster, Ronnie Freeman, who will be two years old this month.

### Tunester Tattle

Monte Rossi, accordion player, has received an honorable medical discharge from the army after four years service and reports back to his old post with the Sleepy Hollow Gang at WFIL, Philadelphia.

Edward Madden advises from Syracuse, N. Y., that he has placed his song *There's a Red Moon Over the Valley* with Process Music Company, and *The Angel of My Heart Is the Devil of My Dreams* with Chart Music.

Chaw Mank's *When a Cowboy Goes Hawaiian* is being used by Shug Fisher (Sons of the Pioneers), Roy West, of WGAR, Cleveland, and Dick Hart, KMA, Shenandoah, Ia.

### Yodeling Ranger in Philadelphia

Hank, the Yodeling Ranger, has recorded Jack Howard's *Blue Ranger* for the Bluebird label in Canada. He is now in Philadelphia, with Howard laying plans for a publicity campaign to sell Hank to the American fans of Western and hillbilly music.

Cousin Lee and his wife, Sara, of (See *American Folk Tune* on page 65)