

Home-like Comforts for Byrd Antarctic Adventure

Million Dollar Expedition Will Pit World's Best in Men, Experience, Food and Equipment Against Unconquered Polar Continent.

By FRANKLIN C. ANDERSON

CIVILIZATION, with an imposing array of victories over tough old Mother Nature to its credit, is about to face its supreme test. It is trained for the minute with all the resources of recent progress as its weapons. A million dollars in its back of it in cash, credit or its equivalent that says the South Polar region must finally admit defeat.

Commander Richard E. Byrd and his band of 66 intrepid explorers, representing civilization's best, have set out to wrest the secrets of the Antarctic region from its savage and stubborn confines. Sounds simple enough to say it, but Jason in his search for the Golden Fleece had a sort assignment in comparison with the super-natural job of the daring commander and his comrades.

Recently an Atlanta newspaper asked leading citizens what they thought of making the Antarctic trip with Byrd. The only one who did not envy the party was the official weatherman. He said bluntly that there was not enough money in the world to induce him to go to that section.

And when he had explained something of conditions down there his knowledge somewhat justified his warnings. All available data on that vast, unknown and unfriendly section, points to the fact that the Antarctic is much colder than the Arctic. At the proposed main base of the Byrd Expedition, the mean temperature is rated at 30 degrees below zero. In addition to the dangers of great, rugged, icy mountains and treacherous crevasses, one of the greatest hazards is the presence of gales whose velocity ranges from 30 to 50 miles an hour. Near the pole they attain velocities of 150 miles or more. When it is considered that these gigantic uprisings of nature often happen at a few minutes notice, manifesting themselves as terrific blizzards with no mercy for mere man, one can rather a faint idea of the savage risks the unwary explorer runs.

Ice Barriers Great Obstacles
Chains of huge, icy mountains, gigantic far flung ridges of ice that seem to say grimly, "they shall not pass" to the hardy explorer, abound on every hand to form almost insuperable obstacles. Great drifts of snow many feet deep add to the obstacles that the adventurous must face. At least ten expeditions have tried in vain to reach the South Pole. Some of them were not only thwarted of their ambitious designs, but were actually swallowed up by this strange, relentless continent.

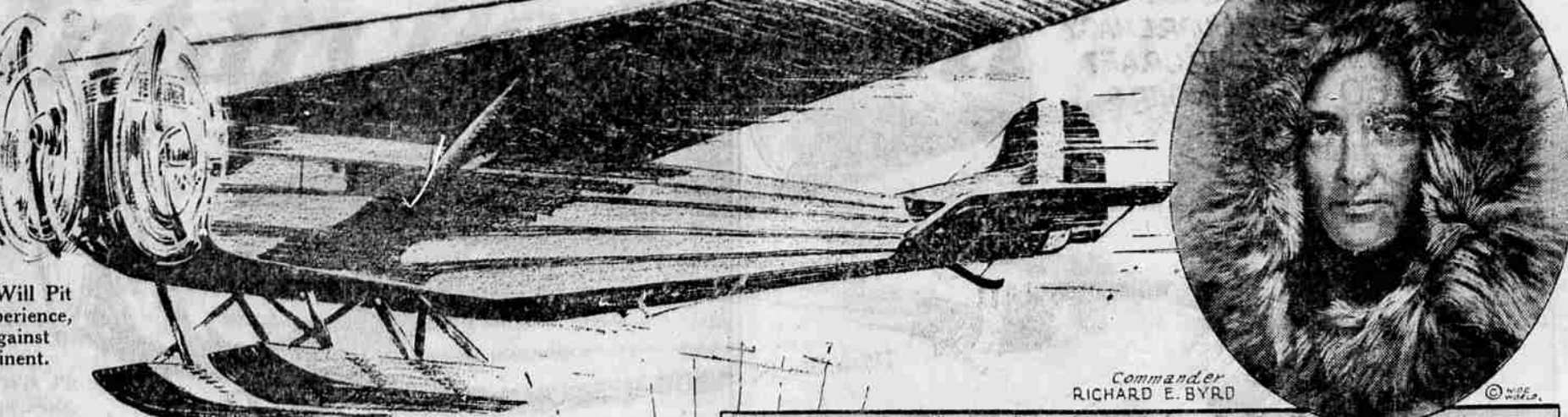
The air also has its tremendous hazards. Intense cold, sweeping winds, snow and ice make airplane conquest a difficult if not impossible undertaking.

Against these forbidding obstacles Commander Byrd is prepared to hurl all the forces that civilization can place at his command. His men represent the pick of thousands of the country's best. As far as personal equipment is concerned, previous expeditions have had remarkable men, but men alone are not sufficient to win such a campaign as this promises to be.

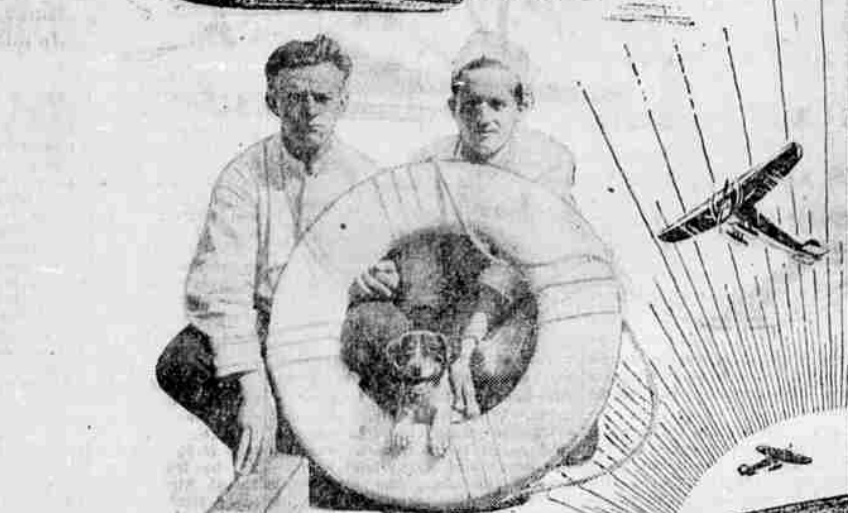
The real test, in Commander Byrd's estimation, lies in the power of experience, knowledge, food, equipment and other elements to enable the expedition to outguess the forces of nature in the Antarctic. Never has a similar expedition been so manned, informed and equipped for its tasks as this one. Practically a million dollars is represented in outfitting the venture. About \$150,000 of this amount is invested in the best food the world affords.

Expedition Well Planned
Months ago Commander Byrd and his staff began the work of planning, outfitting and laying the foundation for this great adventure into unknown lands. The "Samson" was located in Norway, brought to New York and overhauled. She is equipped with an all-steel prow to cut her way through stubborn fields of floating ice and is reinforced in many ways to start the battalions who will likely reside in the South Polar seas. Many refinements, such as electric lights, wireless sets, electric refrigeration for the tropical part of her voyage and a combination steam and electric bread raising machine, are a part of her equipment. Rechristened as the City of New York, she has sailed on her eventful voyage as the first of the fleet of three boats to carry the full expedition and its equipment to its Polar base.

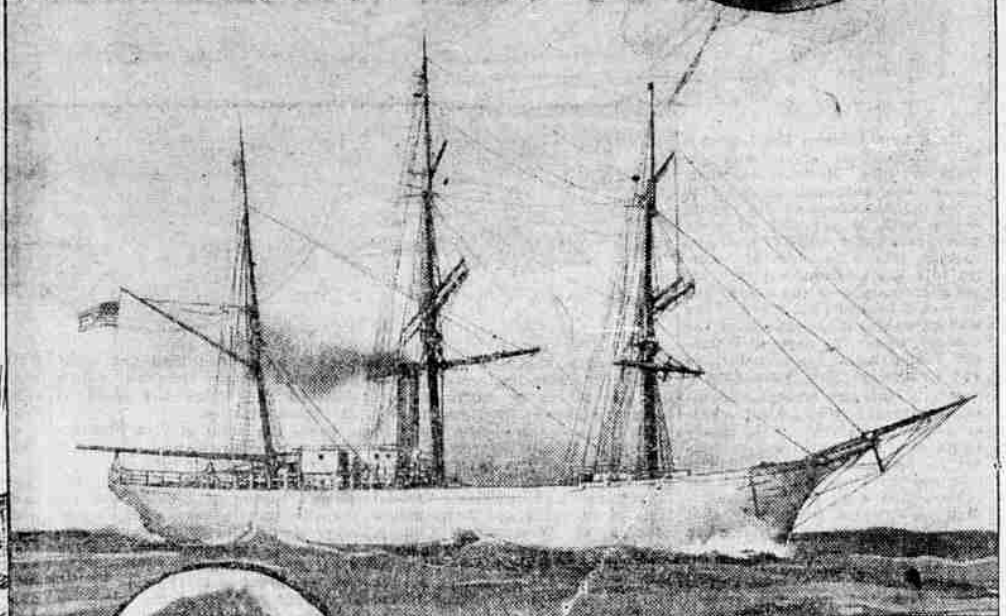
While there is a tremendous



Commander RICHARD E. BYRD



SAMSON CREW MASCOT, WITH HIS PALS



THE ANTARCTIC BASE SHIP CITY OF NEW YORK



TAKING IN SUPPLIES FOR POLAR WINTER



GEO TENNANT Chief Cook



JUST LIKE YOUR HOME KITCHEN

of detail in carrying civilization effectively into the heart of savage nature, in the last analysis the most important factor in the success of an expedition such as the present one, is food. Napoleon was making no wisecrack, when he coined the famous phrase, "An army marches on its stomach."

Meats, poultry, vegetables, tasty desserts, all worthy of the table of a Fifth Avenue hotel will be on the menu of the Byrd party. A list of the dishes that will be served and comforts that will be provided has already led many to exclaim, "pretty soft" and "some party" and elicited other expressions full of wistful envy. But anyone who thinks this expedition has been planned along the lines of a junket or a pink tea does not envisage Byrd's knowledge of conditions to be met nor do they have his vision of the best ways to "lick" the sultry Antarctic. Physical condition, high spirits and confident determination are elements vital to doing a civilized job in a wild and supposedly barren territory.

Among these items are thirty tons of meat—chicken, turkey and beef, three tons of smoked ham, two tons of bacon, sixty tons of groceries, two thousand pounds of cocoa, three thousand pounds of powdered milk, one hundred and fifty cases of sweetened condensed milk, a ton of sugar, tall great body-builders and heat producers, a ton of salt, two tons of coffee, two tons of flour and three tons of washing powder.

A thousand pounds of flavored gelatin for the preparation of a hundred and one desserts and salads is on its way to the Byrd base. This is just one illustration of the home-like touch that will feature expedition cooking. We have even gone so far as to include a very large quantity of decaffeinated coffee, for those whose nerves do not take kindly to coffee containing caffeine, a condition we expect to meet often when the rigors of Antarctic exploration begin to tell on the men. Large quantities of canned fruits and dehydrated vegetables, will taste like the real thing with the addition of a little water. Quite a contrast to the salt pork and pemmican and hard tack of earlier exploring campaigns, although we will be provided with even these foods.

Just Like Mother's Cooking
No man on the City of New York, or of the Polar base either, is going to have a chance to sigh for the home cooking of the pie like mother used to make, because she's going to have them all the time he is gone. Bread, rolls and pies will be baked fresh by the ship's baker every day. As the baker, Albert E. Gehring, and George Tennant, chief cook, are buddies and veterans of Byrd's successful North Pole trip, they understand thoroughly how to prepare tempting dishes for hungry and weather-worn men, no matter what the difficulties that may exist.

When a particularly stubborn ice barrier impedes the progress of the explorers, dynamites will be on the job with high explosives. Tractors and snow ploughs will be used to fight their way through stubborn snow-drifts. A small automobile with snow treads will help to eat up distance, when necessary.

Many Veterans on Trip
Berni Balchen, who flew with Byrd over the North Pole, will attempt a similar feat over the South Pole. Chief Harold Gurne of the United States Navy Air service will act as pilot on important air trips, while Dick Knorr, chief helmsman on Byrd's North Pole expedition will be among those present. McIntire, chief engineer on the North Pole trip, is also going along. John Jacobson, veteran for thirty years with the United States Navy will be the sailmaker. Dr. Francis Dana Conans, of John Hopkins University, has charge of the hospital and diet features of the campaign. Among the others, there is an ex-commander of the British Navy, who, by the way, is acting as boss on

Will Hear Radio Concerts
The romantic but not always so effective kerosene lamp of this expedition will be replaced by electricity both on the boat and at the base of the Byrd party. This makes it possible for the Byrd party to have a radio set and, you have guessed correctly, they will probably be able to listen in to the latest Broadway programs, the same as any of the stay-at-homes. For sending purposes, a wireless using the Marconi system will be installed at the base to send bulletins of the expedition's progress to the rest of the world.

Possibility of fire, will be met by use of up-to-date fire extinguishers in the hands of a specially drilled corps with the expedition. An up-to-the-minute gymnasium will be a pleasant recreational feature. It will be equipped for hand ball, boxing, indoor tennis, wrestling and all kinds of gymnastic work. There will also be hot and cold shower baths and a physical director to help keep the men fit. An extensive library of more than a thousand volumes has been selected by Professor Lawrence M. Gould, of the University of Michigan, who is accompanying the expedition as a geologist, for the benefit of the party.

The members of the party will be able to use cameras specially designed for the light conditions existing near the Pole, and special watches. They will have special 24 hour dials, illuminated with radium. On looking at one of them at say, 3:30 P. M., it would probably read, 15:30 o'clock. For cooking purposes, coal and gasoline stoves will be used of a special enclosed type. Some of these will be located at special bases to be established at different points throughout the territory to be explored.

Purposes of Expedition
What are the purposes of all this preparation many will probably ask. One of the important aims of the expedition will be to study weather conditions, find out, if possible, the sources of the winds of the world and also gather data which will add to scientific information on light. Search will be made for animal, vegetable, mineral, marine and bird life and even extinct life of ancient times.

Meteorologists of the United States government and other places will be on hand with sun compasses and other highly specialized scientific apparatus to study all conditions bearing on the weather of the Polar region and its relation to the rest of the world. Astronomers are in the party to study the stars. Night pictures will be taken and a study of the famous Southern Cross will be made. The expedition will probably plot out land in the South Polar region, draw up maps and wherever possible, try to establish landing fields for future explorations by way of the air.



Blood Pressure Too High!

"I could tell there was something wrong from the dizzy spells and difficult breathing I had. But I didn't dream my blood pressure had gone up to 200—a very critical state! A friend who had the same trouble told me the liver is frequently responsible and urged me to try ox gall. On his advice I got a package of Dioxol tablets, and before long noticed a change in my condition I began to feel stronger and more energetic and checking up on my blood pressure found it had gone down. High blood pressure, hardening of the arteries, habitual constipation, headaches, "tired feeling" and premature old age are commonly due to system poisoning (auto-intoxication) as a result of sluggish liver. Let the liver become inactive and it fails to cleanse the blood of the poisons formed in food waste. The whole system then becomes toxic and health is slowly and surely broken down. Natural ox gall, extracted from the liver of the ox is recognized as the finest tonic for the human liver. It is a natural liver stimulant and liberally rejuvenates that organ, which is to rejuvenate the entire system. The pure genuine ox gall is to be had in dainty, tasteless form in Dioxol tablets. Each Dioxol tablet represents ten drops of pure ox gall and costs less than two cents. Genuine Dioxol has picture of ox's head on package. On sale at all good druggists. Special agent, Jarmin & Woods Drug Store.

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