AMUNDSEN WILL CHAT WITH REST OF WORLD WHILE DRIFTING OR FLYING OVER NORTH POLE

Intrepid Norwegian Expects to Learn

Secrets of Storms in Five Years' Trip
Into Frozen Fastnesses; Will Make
Greatest Gift to Science if Successful

BRAVE CREW SAILS FROM
SEATTLE UPON CROWNING
TRIP OF EXPLORER'S LIFE

The sacrifices an explorer makes in "losing" himself in the unknown for periods of several years. They were "seeing" New York and talking of various things, when Woodhouse asked: "What did you think when you heard the Atlantic had been flown?" "What did you say?" Amundsen asked, puzzled.

The question was repeated, but Amundsen professed not to understand it.

Didn't Know Airships
Had Crossed Atlantic
"When will it be flown?" he asked. As Woodhouse tells what followed: "Don't you know it was crossed four times—once by bur navy's flying boats: once a non-stop flight, by the British aviators, Alcock and Brown, and twice were scratched and bruised. Captain

SEATTLE UPON CROWNING
TRIP OF EXPLORER'S LIFE

Man Who Discovered South Pole Will
Climax 30 Years of Battling With
Elements at Earth's End by Journey

Man Who Discovered South Pole Will
Without stop—across the Atlantic?" he loked at me incredulously. I told him the details of these four epochal flights. He was amazed.
"Without stop?" he kept repeating. Then he proceeded to explain how it happened that he did not know about these three-year-old achievements.
"I was at Cape Chelyuskin when it to Uncover Mysteries of Arctic Seal by Airplane Flights

WHEN Captain Roald Amundsen set sail from Seattle this month on the good ship Maud, he embarked on the most romantic adventure

He will be gone from three to five years, possibly longer. It is his plan to lock his ship in the ice and drift across the top of the world. If lucky, he will land in Norway-and be home. He will pass the Pole

Such is the purpose of the most intrepid living explorer of polar regions-an explorer and scientist whose contributions to the knowledge of life and physical conditions there promise to surpass in extent and importance those of all his fellows who have gone before.

Discoverer of the South Pole, holding medals for first forcing the northwest passage between the Atlantic and the Pacific, and later the northeast passage, he has spent his life in the ice. He laughs at his perils and hazards. It is all in the day's work with him.

ting along in years. And trips to the

Explorer May Find

Arctic ice across the top of the world!
"While it is known that the Arctic
ice drifts, there are no data available

"Captain Amundsen anticipates that

Pole take time.

Now, to cap thirty years' experience in the Arctic and Antarctic regions, Amundsen has started north again. This time he goes as the scientist rather than the explorer. He will chart ocean and wind has circled the Arctic archipelago. He has circled the Arctic ocean. He hopes now to drift across it. currents rather than coast lines.

And he will have, to aid him and relieve the tedium of the trip, the benefit of scientific inventions and discoveries not available to predecessors.

He has circled the Arctic ocean. He hopes now to drift across it.

In this attempt he has no rivals or competitors. He is not engaged in a race. It is secondary whether he crosses the North Pole. If the fee drifts the way he thinks it does, he will cross it. If not—he may try again! But probably not, for Amundsen is get-

Will Get Radio Concerts

Will Get Radio Concerts

While in Frozen North

From the depths of the silent Arctic, Amundsen will keep in touch with civilization by radio. His ship the silent with civilization by radio. His ship the silent with civilization by radio. His ship the silent with course will be set for Christiania, Nerward with a new order where where Camilla and the silent way where Camilla and the silent where the character where Camilla and the silent way. is equipped with a powerful wireless set and radio telephone equipment. He will send daily weather reports from the day he starts until the day his journey ends. And he will listen, at the top of the world, for cheering messages from the world's most representative. The they returned to Norway and confer with scientists and make armangements for his trip prior to his departure. Then they returned to Norway with my next expedition that I have not been able to find out when I have not been able to find out what I have not been able to find out when I have not been able to find out when I have not been able to find out when I have not been able to find out when I have not been able to find out when I have not been able to find out when I have not been able to find out when I have not powerful radio stations, and for the way. There they will await the return of their foster-father and benefactor from the grip of the frozen North. They fully believe he'll come powerful radio stations, and for the way. news of the day

across the polar sea, Amundsen and back. Still—few have ever done it. his party of eight will gather im- Tells of Great Things portant meteorological data, take scientific observations and soundings, and record the rise of the tides and the movement of ocean currents. His of his present polar expedition, says field of operations will be the endless | concerning the venture: white waste where life cannot normally exist. As the ice pack moves, airplanes operating from the deck of the Maud will be used for observations.

Only a limited group of scientists are
amiliar with all of Amudsen's hopes.

But it can be said that if all grow well.

Greenland See, but no one may anistrate. the Maud will be used for observa-

But it can be said that if all goes well.

and his theories work out, the farmer pate exactly when the drift will be and in Kansas and the vineyardist in France may benefit from his venture. The influence of air and ocean currents on mate distance he expects will be covclimate has only been suggested by the ered each year, but that is to be a studies of these subjects to date. Amundsen, when he returns to civilizadate. secret. tion, may be able to tell the world of it will require at least four years to science where, when, how and why drift across the top of the world, and storms originate; how the ocean flows, and how the flow of the polar curand how the flow of the polar cur-rents—air and water alike—affects the affairs of the earth. It is from these studies, and the salar states and studies, and the salar states are supplied for seven will be made scientific observations and soundings and airpianes will be used to studies, and the plans for conducting conduct surveys and take aerial photo-them, that the project derives its importance. Beside what Amundsen may discover on his present trip with rediscover on his present trip with respect to the workings of physical laws, the mere discovery of either the North or South Pole would pale into insignation of the earth's surface has been accurately mapped, and twonificance except as a tribute to haman hardihood and courage.

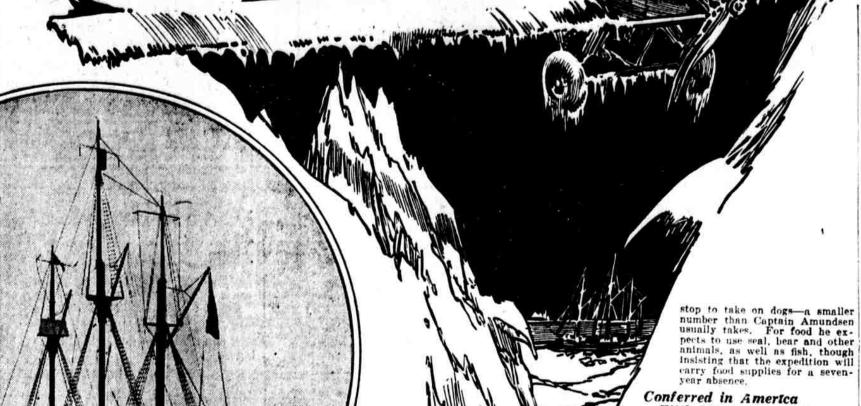
When he had been accurately mapped, and two-thirds have been mapped only from the sketches and the same harding t

three or five years hence he hopes to Our present knowleds When he comes out of the North on the dead calms of the polar night, surface features, their measurements the aurora borealis, magnetic storms, and representations on maps as we see the origin and course of hurricanes and the affinity of the seas. This knowledge, linked with that already This available on similar subjects, will prove available on similar subjects, will prove ent time, only one-seventh of the earth's or disprove theories that have long been land surface has thus far been accua source of controversy and study, as well as prove of the utmost practical

Stanch Little Ship

Home of Nine Men All this contemplates and is contingent on the survival of the stout little 300-ton, egg-shaped ship which Amundsen will lock in the ice as the next few years. It is built for use in one through the northwest passage. its most severe test is to come. It will be called on to resist the pressure icebergs weighing millions of tons, they shift about in the sea. And airplanes which the party carries orce of hurricanes which move the icebergs about, which sometimes travel thousands of miles and which some

were scratched and bruised.



To friends, afterward, Amundsen replied when asked what he would use

the radio for:
"We are not going to appear to be

simple-minded ignoramuses any more." What if the ship is crushed?" "Then we will be again primitive explorers cut off from the civilized world," Amundsen told friends. "We Henry Woodhouse, president of the may tell the world before the radio plant sinks with the ship. The air-plane may take three of us back to Aerial League of America, friend of Amundsen and one of the organizers civilization. We would get up an aerial expedition to rescue the others. "No one has ever drifted with the

ing else could get to them. One Native to Go With Eight White Explorers

Amundsen Doesn't Hope

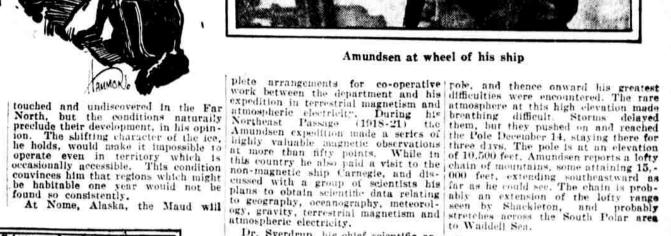
to Colonize the Pole

There is slight possibility that the expedition will point the way to utilization of the Arctic or to the introduction of civilization into those reduction of civilization into those re-gions, as Captain Amundsen views it. He is convinced that habitability of re-gions above the eightieth parallel is doubtful, and above the eighty-fifth parallel impossible. No less an authorty than Nansen, when he drifted across the polar basin back in the 90's, found no evidence of life above the eighty-fifth parallel. Below that Captain Amundsen thinks there might be a possibility of inhabitation to a limited degree, but his own observations in the North Captain Amundsen is in command.

The personnel of the expedition is:
Oscar Wistnig, master: H. U. Sverdrop, scientist: G. Olonkin, engineer:
N. Syvertsen, engineer; Lieutenant minerals, there might be quantities un-



All-metal plane Amundsen will use to fly over ice fields



With Noted Scientists

Dr. Sverdrup, his chief scientific assistant, associated himself with the Carnegie Institution last October to Ranked Next to Peary complete the reduction and publication of the magnetic observations obtained in the earlier Arctic expeditions.

Although the expenses of the expeditions are paid by the Norwegian Gov. at that extreme point, so that the part ernment, it is generally acknowledged of that American scientists and supportations are supportant to the Pole itself, while highly entertaining is not so important or novel as it would otherwise have been. ure to the success of the expeditions.

time particularly to investigations of the physical condition of the Arctic Sea. On account of the connection between the Polar Sea and the Northern Atlantic, it is of far-reaching importance in the content of the physical dors and his skill in handling them, and to many years of experience in battling with the ice and show of the far North. Next to Peary tance to determine the temperature, currents, salt per cent and other conditions of the Polar basin, and the facilities for scientific observations along this line minute care with which every detail was should be most excellent, in so far as the vessel drifts with the ice over the anticipated: Polar Sea in its entire length. Other dulged in on the journey, nor was there any shaving; but, as the beard has to investigations planned include the mag-netic observations to be carried on in be kept short, to prevent ice accumu-lating from one's breath, a beard-cutco-operation with the Carnegie Instituand collection of zoological mating machine which we had taken along proved invaluable. Another article taken was a tooth extractor, and this also proved valuable, for one man had

Dr. Sverdrup voiced great en-thusiasm for the spirit of helpfulness a tooth which became so bad that it and good will demonstrated by this and other scientific institutions in Washington. The Department of Terrestrial

tain Amundsen has been feted, decorated and honored in many ways. The Hubbard Medal was bestowed on him by the National Geographic Society in 1907 for foreing the Northwest passage and the definite relocation of the Magnetic Pole. The society also bestowed a special gold medal in 1913 for his Antarctic achievement resulting in the attainment of the South Pole.

When word was flashed that he had discovered the South Pole the National Geographic Magazine, official published

cation of the National Geographic Society, said concerning his exploit:

"Many geographers had feared that Amundsen would yield to the temptation of following, for a considerable part of the way to the South Pole the route previously discovered and opened by Shackleton, but his account shows that he was not satisfied to do this, and in consequence he has made discoveries and surveys that are entirely coveries and surveys that are entirely "The whole distance traversed by him—approximately 700 miles from his base, where he moored his ship to ice-

cation of the National Geographic So-

front—to the pole itself appears to have been across previously untraversed and unknown ice and land. He has defined the Eastern and Southern boundaries of the Great Ice Barrier, that vast plain of floating ice which flows down from the great Antarctic Conti-nent, and whose Western boundary had been defined previously by Shackle-ton. This enormous glacial ice plain is one of the wonders of the world. It is a solid mass of ice, floating for the most part, approximately 800 to 1600 feet thick, and covering an area of about 100,000 square miles, or considerably larger than New York, Massachusetts, New Hampshire and Vermont com-

"Amundsen found traveling across Amundsen found traveling across
the barrier comparatively easy. He
marched 382 geographical miles due
South across the plain until he was
confronted by the high mountains. Here
he was so fortunate as to find a glacier route up to the inland plateau easier than the Beardmore Glacier, which was used by Shackleton to ascend to the inland plateau three years before. "Amundsen and four companions ac-

Before departing for the North he spent eight months in the United States preparing for the trip. He made several trips to Philadelphia. On Jenuary 16 last he visited the Department complished the ascent from the ice plain to the plateau. 10.500 feet, in the marvelously short time of four days. He was now about 275 miles from the of Terrestrial Magnetism of the Carnegle Institution of Washington, to com-



Amundsen at wheel of his ship

Dr. Sverdrup intends to devote his terial and meteorological observations. The latter will be of special importance.

ington. The Department of Terrestrial Magnetism has placed at the disposal of the expedition instruments for airelectrical observations, electrical thermometers for determining the temperature of the ice and other valuable scientific tools. Important services have likewise been rendered by the United States Weather Bureau, the Smithsonian Institution, the United States Coast and Geodetic Survey and others.

For his previous explorations Cap-

was absolutely essential that it should

be pulled out, and this could hardly

Ranked Next to Peary's

"Shackleton in 1909 reached a point

Amundsen's narrative dealing with

"Amundsen owes his success to his

very carefully prepared equipment, to

he is the most experienced traveler on

The following notes from his cable to the New York Times illustrate the

"Washing was a luxury never in-

so near the South Pole that we have known pretty accurately the conditions

rough sketches, and the remainder has three or five years hence he hopes to "Our present knowledge of the earth. Omdal, J. Fullerton and Sergeant N. have explicit and comprehensive data its form, size, the configuration of its Dahl, aviators and radio operators, and Cakot, a native. Amundsen's first scheme was to enter them today is the result of many centuries of strenuous endeavor and con-quest over obstacles. Yet, at the pres-

Amundsen's lirst scheme was to enter the ice east of the New Siberian is-lands. If this had succeeded, it would have taken the party across the Pole in the course of three years. But had it been unsuccessful, he held, then he dared not try again. In entering the ice at Wrangell Island he figures or rately mapped, and it would take at least two hundred years to complete the task—with the usual methods.
"Aircraft will make it possible to do four, perhaps five, years, with a greater chance of success.

in twenty years what would require two hundred years with the usual The wireless radius from the Maud is 2000 miles. The Stavanger wireless station will be able to reach him the Ready to Use Airplane

If Ice Crushes Ship

"The Amundsen expedition has two airplanes, but only one, the metal JL, can be used to fly to the mainland in the event the ship is crushed by the ice, the radius of the other being inadequate for such long flight. It is intended for use for observation and flights of a few hours' duration.

"The metal airplane was selected because it made a non-stop flight of twen-

"The metal airplane was selected because it made a non-stop flight of twenty-six hours and nineteen minutes in the last few years, particularly in the litter cold weather of December 29-30, 1921, and has been flown to Northwest Canada as far as Fort Nort Northwest Canada as far as Fort Norman, near the Arctic Circle.

"Modifications were made to carry sufficient fuel to permit a non-stop flight of over two thousand, miles, so that

suthorities hold to be a part of the size forces which cause the earth's sent storms.

There are chances to be taken, but they are all in the game. An explorer's life is not one of ease or safety. Yet Amundsen laughs at its hazards. His own life and those of his companions, he declares, are safer than that of a Chestnut street stroller.

Amundsen planned his present trip twelve years ago. This was before he drove for the South Pole and discovered it December 6, 1911. Prior to

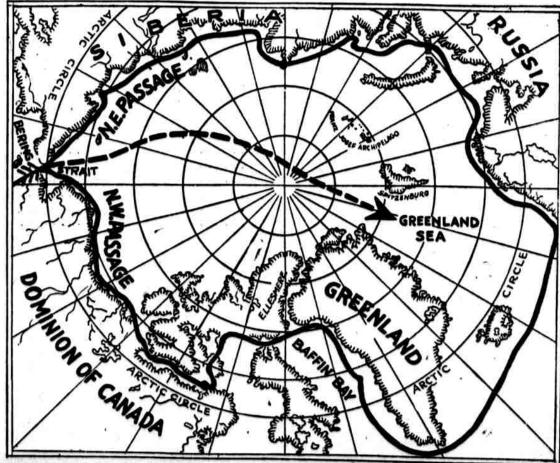
"Modifications were made to carry sufficient fuel to permit a non-stop flight of over two thousand, miles, so that Captain Amundsen and an aviator and a mechanic can fly out of any place where they may be in the unknown Arctic regions. The distance from any point to the mainland in any direction is within two thousand miles and can be made by this airplane if nothing interferes. There are a number of big problems in this if—but Amundsen has carefully figured out how he can solve them."

Woodhouse tells a story to illustrate

A powerful radio telephone set bought in this country is linked up on the Maud with the 200-mile Marconi wire-less set carried by the vessel.

The monoplane which he carries is equipped with wheels, pontoons and skis for landing and taking off on land, water or snow. The machine itterferes. There are a number of big problems in this if—but Amundsen has carefully figured out how he can solve them."

Woodhouse tells a story to illustrate



Arctic regions Amundsen will explore, dotted line showing proposed route of drift toward and over Pole

home of himself and associates for the Arctic. It is constructed to escape the crushing force of polar ice. It has proved its worth in the past, having for its observations must withstand the thousands of miles and which some authorities hold to be a part of the asic forces which cause the earth's