

Hitler's Death Ray Believed Only A Myth

By Howard W. Blakeston
Associated Press Staff Writer

NEW YORK, Oct. 13 (AP)—London and Paris have reports that Adolf Hitler possesses a ray to destroy airplanes and the death ray story is revived in the United States. But none of these reports, now or in the past, has mentioned the one significant fact that would make the claims plausible to scientists.

None tell how they plan to avoid nature's inverse square law of dissipation of energy, which includes rays of all kinds whatsoever, when travelling in space.

This law was explained today by Dr. Alfred N. Goldsmith of New York, widely known radiologist and engineer. He described exactly the ray which would bring down warplanes and the precise handicaps which would render it impracticable.

Under the inverse square law energy decreases in intensity in inverse proportion to the distance it travels. It is like a great number of the commonest examples is the sun. On the planet Mercury sunrays would melt lead on earth; at about three times Mercury's distance from the sun, only butter would reach the earth as strongly as Mercury, or as at the instant of leaving the sun.

They spread as they travel, and that accounts for their ever-growing weakness with distance. When distance doubles, their rays must spread over four times more space; when it triples, through nine times as much.

Rays Spread And Weaken

This is true also when light or heat is focused in a beam. Beam rays are never parallel, never the endless pencil-shape or comic thriller. They travel in always widening cones.

This cone is true of all other kinds of rays, whether x-rays, ultra-violet, infra-red, radio, electron or gamma rays. The cone is a problem, then, in that it projects a military distance.

Immediately all rays, except a narrow band of radio, are ruled out by two other conditions. One is the absorption, or blanketing effect of the air on all the short wave rays, which means all kinds except radio. Air does not stop radio waves. But the huge wave lengths of the short wave radio waves make it impracticable to convert them to miles in diameter to focus many of the common radio waves.

In the micro radio range, which is one millimeter to one metre wave lengths, reflectors are possible, with diameters of two feet to 200 feet. These could be projected against a distant plane.

Terrific Power Needed

The beam would have to be strong enough to cause sparks or to melt iron wires. It would have to do this after passing through shielding already common on motors.

Assume a reasonable thickness of shielding of one-eighth of an inch of aluminum. Making it effective on a plane distant 21,000 feet.

Under the losses of the inverse square law this ray would have to start with almost incredible power. The necessary power to reach a plane enough to penetrate 400 feet of aluminum 100 feet away.

This apparent means several kilograms of power to produce a single effective ray to a good military distance.

Measuring out the question of where to obtain such power, the ray would still be impracticable because some of the power would penetrate whatever protective shielding surrounded the generator and make it impossible for men to be anywhere near.

Chances Of U. S. Peace Move Ruled Out

WASHINGTON, Oct. 13 (AP)—Any possibility of the United States intervening in the war with a peace plea, on its own initiative, appeared definitely ruled out tonight, despite the renewed reports from Berlin that the German government would welcome such action.

When reporters brought up the subject, at his press conference tonight, President Roosevelt observed that he had not yet received any word direct from Berlin as to peace move suggestions that have been made unofficially. He said he had nothing to say about the possibility of peace moves from here.

State Secretary Hull said no phase of the question of intervention had been brought up with the United States embassy in Berlin by the German government.

BIRTHS

BISSETT—At the P. E. I. Hospital, Oct. 13th, 1939, to Mr. and Mrs. C. N. Bissett, City, a son.

PETERSON—At the Boston City Hospital on August 30, 1939, to Mr. and Mrs. Albert E. Peterson (Ruth Harper), a daughter, Hope Alberta.

MARRIAGES

DOUCETTE-GALLANT—At Oyster Bed Bridge, Sept. 29, 1939, by Rev. Father Peters, Edna Gallant to Clarence Doucette, both of Oyster Bed Bridge.

SMITH-STEAD—At the Mansie, Hunter River, P. E. I., on Wednesday, Oct. 11, 1939, by Rev. W. A. MacQuarrie, B. A., B. D., W. A. MacQuarrie, of New Glasgow, P. E. I., to Ada Lavina Marquerite Stead, daughter of Nelson and Mrs. Stead, of Wheatley River, P. E. I.

N. D. MacLean

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The Central Guardian

This column is reserved for news of local interest but advertisements at a new rate may be inserted at 5 cents a word strictly payable in advance.

CONFEDERATION LIFE INSURANCE

FILL UP WITH GAS, 28c gallon. Belvedere Service Station, St. Peters Road. L-1307-10-14-11.

CENTRAL FISH MARKET, 15th. Nine Mile Creek 11 A. M. Canteen, Cove 3 P. M. Church Hill 7:30 P. M. Rev. T. W. Loochill, D. D. L-1319-10-14-11.

NEW GLASGOW CHARGE—Sunday, Oct. 15th. Special Harvest Thanksgiving Services 11 a. m. Hymns, music and song. Subject: Sowing and Reaping. Bible School 10 a. m.; Bradabane 3 p. m. and Fredericton 7:30 p. m. Rev. I. Cavender. L-1339.

YORK UNITED CHARGE—Rev. J. A. Nicholson, Minister. Services. New Glasgow. Christian Church Oct. 15: 11 a. m., Central Church; 2:30, Pleasant Grove; 7:30 York. L-1340.

HIGH PRICES MAKE TROUBLE—Trying to capitalize on the advancing price of metals due to the war landed a couple of youngsters into the arms of the law yesterday. They will appear in the juvenile court today on a charge of stealing copper spouting from the Court House and St. Paul's Church. When arrested they were wearing sheath knives.

IN 'AIL, PASSES RUBBER CHEQUE—When a prisoner who was serving a sentence for non-payment of a fine, had a cheque for \$25, cashed at a local drug store. Police decided to investigate the matter. It was discovered that the cheque was worthless and a paper was served on the man in custody.

KINSMEN MEET—At the regular meeting of the Kinsmen's Club at the Charlottetown Hotel Thursday night, Mr. G. H. Henry, the Gyro Club was the guest speaker. Chairman Bro. Nicholson on behalf of the club tendered hearty thanks. Final preparations were made for Peanut Day. A feature of the evening was the vocal solo very finely rendered by Kinsman "Shirley."

SEED 65c; TURNIPS DOWN—Seed potatoes were quoted at 12c to the farmer yesterday but the buying is not active yet. Table turnips slacked slightly over last week's quotations with no active demand on the market. If farmers wish to have their turnips marketed in New York they will have to come down to about 12c a bushel according to the statement of a local shipper. A profit of \$4.95 on five carloads of turnips was related by one Island dealer.

ARRIVES HOME—Rev. R. Hensley Stavert, Wood Islands, who has been attending the meeting of the Presbyterian Synod in Sydney crossed to Charlottetown on the Havelock yesterday. Mr. Stavert had motored to the Island from Sydney in one of the cars driven by Rev. J. C. Webster, Charlottetown, and Rev. J. C. MacNeill of Marshfield. They drove over the Cabot trail visiting Baddeck before the car was opened. After it closed Mr. Stavert stayed over in Sydney the guest of his brother, E. P. Stavert, Manager of the Confederation Life. On Sunday he was the guest of Rev. J. C. Gillis in pastor at North River, C. B. On Monday afternoon he also attended a social held in that church.

TRINITY YOUNG PEOPLE'S UNION—The Trinity Young People's Union held their regular meeting last night, beginning with a Devotional and led by Miss Ruth Sinclair. The Scripture, Mark 12:28-34 was read by Mr. Dean Robinson, while the gathering was led in prayer by Mr. Ralph MacNeil. Three hymns sung. This part of the service was closed with benediction by Rev. Lewis Murray. The business period was then opened by the President, Mr. Hazen Wigmore, in the chair. The minutes were read by Miss Marion Thompson, the Secretary, and several items of business discussed. An interesting and descriptive address "Rambles in England" was delivered by Dr. John Andrew, of East Royalty. This discourse was highly appreciated by the members of the Society. The social program of the evening was greatly enjoyed by the young people. Games were led in one group by Mr. Lawrence Toombs assisted by groups engaged in friendly competition in games of backgammon, ping-pong and Chinese checkers. The meeting closed with a sing-song led by Rev. Lewis Murray.

Personals

Miss Helen McGuigan, who is going to P. W. C., spent an enjoyable Thanksgiving at the home of her parents, Mr. and Mrs. Emmett McGuigan, Hope River.

Miss Hilda Moynagh, P. W. C. student, spent an enjoyable Thanksgiving at the home of her parents, Mr. and Mrs. Emmett Moynagh, Emerald Jet.

Mr. Walter O'Brien, Bristol returned Wednesday night from a two weeks vacation in Boston and New York City. Mr. O'Brien reports business on the uptrend.

The many Island friends of Mr. Albert E. Peterson of Boston, are pleased to hear he is recovering after a serious operation.

Rev. and Mrs. A. MacKenzie, Picton, are in the city for the week end renewing old friendships in Trinity Church.

Partner Of Sir Robert Borden Dead At Toronto

TORONTO, Oct. 13 (CP)—Harold J. Clark, 47, native of Halifax, died here today. He was a son of late Howard Clark, who was a member of the last firm of the late Sir Robert Borden.

Clerk entered the firm of the Canadian Bank of Commerce at 16 and in 1913 was transferred to Toronto. He was transferred to

Writer's Impressions With British Army On Western Front

By Drew Middleton
Associated Press Staff Writer

WITH THE BRITISH ARMY IN FRANCE, Oct. 12 (Delayed—Press by field censor) (AP)—The British army, young, eager and confident, crouches along its sector of the western front, a front on which there is "nothing doing" but which these days may be hit by the first German attack.

There are 156,000 British troops now on French soil. While the guns are silent, this highly-mechanized force continues to pour troops, munitions and supplies toward the front.

There is not for the long lines of trucks on the roads. It would be hard to believe that anywhere near these pleasant fields there is fighting. The poppies blow serenely there under the blue French sky.

French Women Wave

French women bringing in the harvest with old men and boys as their only help wave to passing trucks. British drivers eat their lunches on the edge of the fields.

It is such a highly mechanized army that in two days of travel through France I have not seen a horse being used for military purposes. The tinkling spurs of French Algerian cavalrymen in the distance seemed as outdated as breastplates.

No one knows when the first German push will come, but everyone seems to accept it as a fact. Germany's easy triumph in Poland and memories of early German successes in 1914 have created the impression that before the winter comes down on northern and eastern France, Germany will strike.

At present, the general military situation on the western front is being likened to two boxers in the early rounds of an important fight. Neither wants to let his best punch until he has felt out the strength and weakness of his opponent. It is sparring of a deadly

Sweden, Denmark

(Continued from page 1)

A Finnish delegation is now in Moscow for conversations at the Kremlin with Soviet leaders.

Because Gustaf already had been suggested in some of the earlier war, there has been some speculation over the likelihood of a general peace move by the northern countries.

It was recalled, however, that a meeting of the three northern kings in December, 1914, developed no such move, the reference being confined to a discussion of Scandinavian problems arising out of the war.

The situation today, however, is

sort, and it may continue until the weather and marching armies return the fields and roads to mud.

Morale High

The morale of the army seems high. There is a noticeable absence of "professionalism" in the relations between men and officers. One officer said, when a sentry salutes you, you feel he is saluting you as a man and officer, not as a soldier.

The work of training goes on. Artillerymen drill interminably at the motions of loading and firing. Infantrymen march long miles on the roads. Day and night, trucks rumble toward the front past fields which 25 years ago were blood-stained.

There is a quiet satisfaction with men and machines. They feel they are better prepared than they were in 1914 and 1915, that the men are more competent with their technical tools than they have ever been.

The trip to France by troopship is like a journey in a disturbing dream.

Where's The War?

From the moment the anchor goes up in the English port, and the little steamer moves into the heavy swell of the channel, you are in a murky world.

All lights are out on the decks and cabins are curtained to prevent any gleam shining out to the enemy. Passageways are thick with smoke and air breathed by a thousand men. They sleep hurried in lounges and cabins, play cards or talk of biscuits and watch a bank of clouds dissolve into the coast of France.

Later the boat ties up in a French port. A French marine shouts from shore, and a Cockney hails him: "Here we are again, mate. Where's the war?"

far different from 1914. Finland then belonged to the Russian Empire, and the status of an automatic grand duchy. In the war years, after Finland won her independence, she was drawn close to her Scandinavian neighbors.

Sweden, Denmark, Iceland and Finland bound together by a common destiny and common ideal.

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War At Sea Three Enemy Two Allied Sink

LONDON, Oct. 13 (CP)—Great Britain's announcement of the sinking of three German U-boats, the torpedoing of the British freighter Heronsport and the destruction of the French oil tanker Emilie Miguet, the largest merchant vessel lost thus far in the war, indicated today that sea hostilities have been renewed in earnest.

The Emilie Miguet, whose 14,115 gross tons made her one of the largest tankers in the world, was destroyed off the Irish coast, the United States Lines' President Harding announced today.

The fate of her crew of 40 was not definitely known but United States Lines officials said they feared all died.

The Harding's captain, James E. Roberts, reported the tanker sent an SOS Thursday afternoon. When he reached the scene some 11 hours later, the vessel was in flames. No trace of the crew could be found.

Inter-Provincial

(Continued from page 1)

Roper, of the Dominion Livestock Department who had charge of the Club work. The war has been an added impetus to the club work as increased production in livestock is an essential factor in winning the war.

Mr. S. Bolly of the Live Stock Department at Ottawa, who judged the various classes of the calves were well developed for their age and showed good milking appearance. The breeding was excellent but the fitting could be better. For showmanship that is an important point. Mr. Bolly was well pleased with the fair and the great interest taken.

Mr. A. E. McLaren, secretary of the Canadian Council of Boys and Girls Work judged the showmanship class and addressed the boys and girls, giving them excellent advice on how to place their animals. He asked them to study carefully the pamphlets sent out by his department for their use. He was very pleased with the Club Club exhibit and the progress made by the juniors, especially as many of the Clubs were only organized this year.

Winners in each class were: Yorkshire 1st Kinkora organized last year; and Happy Workers, Annapolis; 2nd Kinkora; 3rd Kinkora; 4th Kinkora; 5th Kinkora; 6th Kinkora; 7th Kinkora; 8th Kinkora; 9th Kinkora; 10th Kinkora; 11th Kinkora; 12th Kinkora; 13th Kinkora; 14th Kinkora; 15th Kinkora; 16th Kinkora; 17th Kinkora; 18th Kinkora; 19th Kinkora; 20th Kinkora.

Mr. Nash conducted the judging competition and questions. 80 was the highest possible marks for judging and 100 for questions. Each club sends a team of two for this contest.

Montrose Club came first with a grand total of 318 marks. 2nd St. Margaret's Club 316. 3rd St. Charles 311.

4th Ugg and Kinross. 5th East Royalty. 6th Mount Herbert. 7th Johnson River. 8th Rustico. 9th Kinkora. 10 Cape Wolf. 11th Indian River. 12th Sinnotts Road. 13th Elliotts Vale.

14th Kensington. Bernard Shea and Douglas Hardy of the Montrose Club were winners in the Judging Competition.

The birds were all of excellent quality and the children and parents showed keen interest in the judging.

Gouin Favors War, Against Conscription

(By Louis V. Hunter)
(Canadian Press Staff Writer)
LONGUEUIL, Que., Oct. 13 (CP)—Paul Gouin, young leader of the Action Libérale Nationale, tonight declared himself in favor of the war against our repressives at Ottawa who prepare for conscription while pretending to combat it.

The party chief told an election rally in this St. Lawrence south shore town near Montreal that it also "vor war against the two faced parties, war against the trusts which cause unemployment, ruin the farmers, the laborers, the merchants and industrial workers."

"I want to push this war to the limit," he told the crowd of 300. "We should push it to the last man and to the last cent."

TWO ISSUES, GODBOUT

(By W. H. Ward)
(Canadian Press Staff Writer)
ST. JOHNS, Que., Oct. 13 (CP)—Quebec voters have only two issues to decide in the Provincial election Oct. 26, which men they want to represent them in the Legislature and whether they want a Quebec Government or a Duplessis Government. Hon. Adolphe Godbout, Quebec Liberal leader, said here tonight.

Speaking from a gallery of St. John's college, Mr. Godbout asked the crowd in the courtyard below to go to the polls and support the party candidate. Dr. A. Boutillier "in order that your interests might be served well at Quebec."

POULTRY COMPETITION

Mr. F. M. Nash had charge of the poultry division of the Experimental Farm judged the live birds.

There were 13 Poultry Clubs taking part and 14 judging teams. In the live poultry the pens were made up of five birds and a cock.

Winners in the live poultry were: 1. St. Charles Barred Rocks.

Colours as lovely as Nature's own in

KAYSER Hosiery and Gloves

You can make or mar your ensemble with the shade of your hosiery. Kayser shades are tuned to wear with new fall costume colours. Many of them created by a well-known Hollywood stylist. Come in and see how effective they are!

Just one of Many New Fall Gloves—A Canadian-made glove—perfect for casual clothes—tailored suits—or work-a-day wardrobes. Kayser makes it short for chic—with a sturdy capeskin back and suede rayon fabric palm. (Note the new, thong laced back.)

CHOSE TO WEAR WITH Neutral browns, green wine and black.

VERVE (glowing rose-beige) ROSEY browns, rusty reds olive green.

GALLANT (terra-cotta hue) Flam browns, purplish reds, deep green.

ESPRIT (wine undertone) Smartest with black in sheepest chiffon.

ELAN (medium beige) Hosiery 85c \$1.00 \$1.15

COLOURS IN GLOVES Not in every style but all are in the range.

BORDEAUX ROUGE HARVEST WINE RED HENNA MARINE GREEN PACIFIC BLUE Black, browns, navy

"CAREFREE" Other Kayser gloves at 50c up

MOORE & McLEOD limited



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Four Minor Accidents, Friday, 13th

No less than four minor car accidents occurred in the city yesterday, maybe the calendar had something to do with it—Friday the 13th. Fortunately, however, none of them were serious.

In the morning a little girl was knocked to the street when she dashed in front of an out of town car at the corner of Kent and Prince Street. She was the daughter of Mr. Harvey McPherson of this city. She was taken to the Polyclinic nearby by the driver of the car and it was found that she was not seriously injured.

A Shepherd boy had his ankle badly skinned when he was struck by an auto proceeding up Queen Street. The car was driven by a lady and she did not see the boy when he rushed in front of her car on the Market Square.

A couple of trucks were in a slight collision on St. Market Square in the afternoon. Nobody was hurt.

Miss Agnes Mahar was slightly injured when she was struck by a car when she was sitting in a car against the windshield when the car was struck by another machine proceeding east on Sydney Street.

City Police arrested the driver of the car that struck Miss Mahar. The occupant was charged with driving without a license and was allowed out on \$50 bail. The accident occurred about 6:30 last evening.

Britons Cheered Canadians 25 Years Ago

By The Canadian Press
Twenty-five years ago (Saturday) today the streets of an old English seaport rang with cheers as Canadian soldiers marched through on their way to Salisbury Plain and the battlefields of France. It was a Plymouth crowd that welcomed the dominion's first contingent when disembarkation was made from 32 ships after an 11-day voyage from Galop Basin.

As the great fleet sailed up Plymouth Sound through of cheering citizens lined the wharf that encircled the port and ships in harbor were gay with bunting. The Armada company of 100 men and 7,000 horses. Disembarkation of such a large force took several days but finally all were embarked on the Wiltshire Plains.

The vanguard of 60,000 Canadians who went to the aid of the motherlands in the first Great War was commanded by Brig-Gen. Victor Williams who recently retired as commissioner of Ontario police.

The hazardous journey was made without incident but the squadron's destination was changed three times before the troops were set on their point of disembarkation. This was changed to Southampton, then Devonport and finally Plymouth.

Plymouth's great welcome reflected the enthusiasm which hailed the arrival of the Canadians all over the United Kingdom.

Amazing Coincidence In Grain Cars

WINNIPEG, Man., Oct. 13 (CP)—Mr. Ripley, Bellevue, N. B., told a story for the book it occurred at Dauphin, Manitoba, where a heavy grain crop is being shipped from the district and the odds against the incident were thirty three million to one; on August 29 four Canadian National Railway grain cars were loaded at Dauphin and routed to the Lakehead elevators by the Manitoba Pool Elevator. On Sept. 7, ten days, the same four cars were back under the spouts of the Dauphin elevator for a second load of grain. Records show C. N. cars numbered 504581, 504934 and 501113 took part in this amazing coincidence. One of the statistical experts in the Canadian National car service department derived the figures and worked it out that the odds against such a quick repetition of the same four cars turning up at the same elevator within ten days worked out at 33,333,333,333 to one, believe it or not.

Finland Greeted Conference Plan With Delight

By Lynn Heinszel
Associated Press Staff Writer
HELSINKI, Oct. 13 (AP)—Finland greeted with enthusiasm news that Sweden had called a conference with European States, while President Kyoesti Kallio, working for the preservation of Finnish neutrality and independence, broadened the makeup of his cabinet.

The President by decree also ordered Finnish civilians to hold themselves ready for non-military pursuits in the event of an emergency. Regulations providing for wartime emergencies were put into effect by the decree. All citizens may be required to work directly or indirectly for the National Defence.

Crews of volunteer workers already were going through the city clearing alleys and alleyways of inflammable materials as a precaution against air raids.

The second of the Soviet Russian-Finnish conferences in Moscow was postponed today and observers were still without clues as to the nature of the proposals the U. S. S. R. may have made.

Kallio's addition of two members to the cabinet increased the government's parliamentary majority through their followers, from 145 to 163 out of 196 seats.

Dr. J. O. Soederholm, Helsinki for the cabinet, named Risto Rintala and Ernest Von Birt, second vice-chairman of the Diet, (Parliament) was named Minister without portfolio.

Pound And Dollar Low In United States

NEW YORK, Oct. 13 (AP)—The pound sterling suddenly dropped around seven cents in relation to the United States dollar in foreign exchange markets today.

The pound fell below \$4.00 to \$3.96 1-2 after days of small fluctuations close to the buying price of \$4.02 set by the Bank of England, offerings were reported heavy.

Other chief European rates traded sterling lower although some, notably Scandinavian currencies, dropped. The franc dropped .02 1-2 to 2.26 and the Canadian dollar, at a discount of 11 5-8 per cent was 1 1-2 cent lower than Wednesday's close. The Canadian dollar closed at its lowest rate in years.

N. B. Premier Sees War As Canada's Fight

OTTAWA, Oct. 13 (CP)—Speed of present-day transportation makes this war vitally a Canadian war, in which Canadians are fighting for their own people and homes as much as for the empire and civilization, Premier A. A. Dugas of New Brunswick said today as he left the capital after discussing war co-operation with federal government officials and the war supply board.

"We in New Brunswick take this stand: this is not the government's war. It is not the war of factions or sections. It is the war of the people," Premier Dugas said.

BRITAIN CONSIDERS DRIED APPLES

OTTAWA, Oct. 13 (CP)—The present supply of dried apples in the United Kingdom is short and the British Food Ministry is prepared to consider immediate offers for November and later shipments. It was stated tonight in the current issue of the Commercial Intelligence Journal, published by the Trade and Commerce Department.

"NERVES" SHE CALLED IT