PRESIDENT TAFT AT THE DEEP WATERWAY CONVENTION





LEBELLE VERKARDON



THEN President Taft reaches New Orleans in his 13,-600 mile journey the first important step so far as the commerce of the nation is con-erned will be taken. This will be the renderation in the Crescent City of the Lakes to the Gulf Deep Waterway asaskes to the out over white way as-sociation. The short title of the body is the National Deep Waterway asso-ciation. The first session will be held Saturday afternoon, Oct. 30, and this will be addressed by President Taft. President Taft will leave St. Louis et 25 on the steamboat Mississippi, oct is on the steamboat Ansstarippi, sailing from near the great Eads uridge, as the guest of the Lakes to the Gulf Deep Waterway association A fotilla of steamers will convey Vice President James S. Shorman and the iwenty-two governors. This will be fallewed by other steamers on which senators and congressional representa-tives, engineers and others will be

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PRESIDENT

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annes ser ber bit bittent

is composed of leading insinces men-from Arkansas, "Illinois, Iowa, Leunis-

EADS

REIDGE

TISSISSIN ST.LOUIS

Christopher Columbus Day New York's First Legal Observance of the Discoverer's Landing In the West Indies---Nine Other States

Have So Honored Him.

HRISTOPHER COLUMBUS States is that in Baltimore. It is a with 134 miles, claudy followed by takes his plane as a legal hundred years sid. Ohio with 171 miles. Penneylyania is

RESTOPHER COLUMBUS States is that takes his place as a legal holiday colebrity in New York. There is a bust of Columbus in the accordited with 114 rules, Texas with There is a bust of Columbus in the accordited with 114 rules, Texas with 51 and Blinels with 84, while Wiscon-sit, Colorado and Indiana come close 12. The other states in which he has is a monument to him on Walling isthat distinction are New Jersey, Peans land, supposed to be the first place in

sylvania, Connecticut, Colorado, Illi- the West indies where he landed on nois, Missouri, Montana, California and his voyage of 1482. This monument Michigan. The observance of the date as a legal holiday is predicated on the accepted was erected in 1591 by the New York Herald One of the most artistic monuments to the discovery stands in Michigan. holiday is predicated on the accepted in epinion that on that day the Gennese the City of Mexico. It is surmounted by a statue of Columbias. The whole work is that of the French whole side in his voyage of 1492. By modern Cordier reckoning the date would be Oct. 21. There has been dispute as to the ex-An effort was made in 1961 to make the day a national boliday, but noth-ing came of it. Representative Martin the day a national boilday, but noth-ing came of it. Representative Martin of South Dakota asked for congression-al action to that end. The American congress has been very reloctant to create national rest days, the only day viation being Labor day viation being Labor day. The New York legislature maned a and at times unsatisfactory dispute as tary band value related from 4 20 to to their resting place, the remains were \$30 p to. In the relating the program bill in which Oct. 12 was made a legal holiday two years ago, but it was vefinally taken burit to the hand of his of a theater de size toed by Governor Hughes because the

provides, which grows in all The planting and containing dif having other situater kingsor the government officials, and it is thought that there is not may an evolution at writing is thermany that

Water Power of Small Streams. fac development of the water powe I sreall aircann hi just heganning, but a moviment in general all through this and foreign countries. Nearly 57 per sent of the A757.277 forms in the United Sintes beam of a small creek or two noting bolateously through the busics gloub and rocky revines singlight and Disyne abrough the datay hoard of governors and the chief ex- spongled member ecutives of twenty-two states. The executive committee of the association The

Mine Worked Under Sea.

There is a arcay revival in the opera-tion of Correlation the minor. Although many of the mines are very old, the minoral countries of Cornwall are as great as ever. The hotallaeth mino at its just has been worked for nearly a Has Wonderful Memory. India under the son, and the pounding Max Corewelly, the outd musician, or the sea can be distinctly heard by

Italy Crushes Tons of Posies.

In the manufacture of perfume Indy communes genriv 1.850 tone of orange biosourns, 1,000 tonu of roses, as well as

No Hotels In Interior Maracco.

The treat imas or barris in Muruco.

adoption, and the last rites occurred at Saville, Jun. 15, 1899 EMANUEL COCCHIA.

Electric Railway Mileage of 1908. The new slowtrid millroad millcage built in 1998 in the United States, Canada and Mexico was 1,258 miles, computed as single track road. New York state takes the lead in mileage together, having 73, 68 and 66 milles respectively

Sweden's Railway Experiment. The Swedish state railways by way

of experiment will take over the s

strument under such conditions is per- rectly above our heads, and we are as

As graph of the sun, showing the horizon the meridian, as the sun does with us, but would very gradually rise along but would very gradually rise along its whole course in the form of a spiral, and this change in altitude would be

But the greatest dexterity in style and closest attention to detail would have to be observed, as the attention to detail would

have to be observed, as the alightest faw would lead to discovery and unde-"Traveling toward * would lead to discovery and unde-The production of the explorer's when within reach of his goal an ex-final penelled diary, necessarily be-plorer would exercise the minutest care points, the definitions of meridian of astronomical sights and couplet of the earth, which are, statematically speaking, "singular" viginal pencilod diary, necessarily be

This opinion of Professor Bernacchi virtually answers the second question in this article in this article.

is astronomical sights and rough re- greatly multiply them. The best in- this latitude we speak of the zonith di-

of the sun. After the sun disuppears in September the stars become visible -that is, all the stars between the pole and the equator-and these stars neither rise nor set, but describe great circles around the observer.

According to scientists who are qualified to speak, the stars referred to would be the most satisfactory and ac-curate guides in determining the latitude when the pole had been reached, especially the pole star, which would n the zenith and free from the uncertainties due to refraction, etc. The conclusion is that an explorer with proper equipment would know

when he arrived at the pole. The difficulty is to arrive. HARDIN & DAVIS

Election Held Up by a Woman.

For the first time an election in ther-many has been held up by a woman. A baroness in Westphalta was entilled to ensit a proxy vote at a munic-ipal election. Finding that her name had been left off the registry, the haroness protested When her protest was unbeeded and the election was held she appended to the law. The courts prompily quarked the election and ordered it hold over again so that the baraness could cast her vote.

Russian provinces north of the Cau-casus, the soundower herves other purwith its huge golden bornes Ti ands are used to make all, which is supposed both in the constituence of soap and in molting. The stones and leaves are intrinst and the sales made to make petach. Lost your the sum-dower factories of the Calcounts produced 15,000 tame of pota-lh

Railway Mail Efficiency.

In the rational world estryion to take, before it was brought into the charac-fied service uniter the law, there was one error in distribution of mail matter for every 2.700 pieces correctly handled; in 1897, some years after the new system becaus operative, there were 12,000 pieces accurately morted for every one that went astras-

Age of Concrete.

Concrete Bacif is very old. The conenter castles still show the marks of the incasing loards; the dome Agrippa's paintheon, which is 142 feet, in diameter, is of concrete, and frag-ments of concrete buildings are found in Mexico and Peru.

on for a your of the large Majenianka ast dopusits in north Swodon. Should the result be an satisfactory as is excallesive fotend to go in for peat pr duction on a large wale lie the north

Budapest's Telephone System.

The Pudapent news telephone system T serveral reacts' standing by a surveying. The wetther comin units \$7.51 a wear, ease is placed all day boing and mill-



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conspirationally limited. It was investion in the presence of President Birdsawin Harrison and his calified, and as a military and choice affair it corporated anything over some in the matropuls at that fince. The events which led up to the appendix began Oct. 9, 1492 and cultorimited to the gift of the incomment in the city at 1 evolution en-the affairmon of thet 11. The curvet stans was laid by Mayor Grant Lizes of the Sunflower. In some countries, notably in the Other Columbus Monuments. This was not the first monument in this country to Columbus. As a mut-ter of fact, the discovers of America

March.

-that is the componities we) of the ing blue-bas been more fortunity in curing this port of recognition that securing this work of recognition that many who must be constry's businer. This Cohombas manimum in New York city is concelled to be the most imposing to the United States. It was designed by Gastano Basse of Mone The figure is of marks, thirteen fort high, the shaft and postential are staty-tive fast high, and the stone foundation sector first structure is total health of Two fust high, and the stone foundation gives the structure a lotal height of eighty-four feed from the ground There is another statue of Colombas in Central park. New York effs, a gift from Mrzs. Marshall O Roberts. M Louis has one, the gift of Henry Files-the one in Roston was presented by Joseph Jasigi, there is one in Essera-ments, presented by D. O. Mills, and that is Fairpoint park. Philasciphil. that in Fairmount park. Philadelphis was given by the Italian residence of

bill was thaccurately phrased or drawn. At the last session of the log-

drawn. At the last session of the los-islature another bill was introduced in the assembly which not the require-ments of the governar. It was pend-ing in the assembly, its father boing Assemblyman Al Smith of New York city, when Senator T. D. Sulfivon in-

troduced his bill in the senate it was passed, and when it want back to the

assembly it was accepted as a substi-jute for the house bill, and the nov-ernor signed B. This occurred last

Before the exposition of Chicago was

Before the exposition of Chicage was really under way the Unitan societies of New York cits had the Columbia shaft at the intersection of five thor-oughfares in New York My reads for unveiling. The project had been worked out in lars than a year. The

shaft is only to design and more conspirationally forested. It was unsellen

that city. It will doubtless surprise many to know that there are no less than twoty-nine statues and monuments to Co-iumbus in America. There are six in Spain and seven is Italy What is believed to be the first Co

lumbus shaft erected to the United MONUMENT TO COLUMBUS AND BUST OF THE DISCOVERER.



IF DR. COOK REACHED THE POLE.

IF DR. COOK REACHED THE POLE. The sector pole the plane of the equator and the plane of the horizon coincide, and the sum on April 52 would be 11 de-setse 6 minutes above it) horizon. The diagram gives this roughly as 12 degrees (network of 11 degrees 49 minutes and set calculations, that he was at the pole. The allitude of a sextant, which would tell him, after certain corrections accesses of altitude gives a measure of latitude. The sum at neces varies are distance from the celestial mator, which an April 31 is 11 degrees 49 minutes.

SEXTANT BY WHICH OBSERVATION IS MADE.

A sestant is an instrument which, by means of a mirror and a divided arc, is used to determine the altitude of a heavenly body-it e, the anular height above the horizon. A sextant has two mirrors, one of which is fixed to a movable index. The principle of the sextant depends on a theorem in optics, that if an object be seen by repeated reflection from two mirrors which are perpendicular to the same plane the sugular distance of the object from its image is double the in-clination of the mirrors. To find the angle between two stars for the altitude of the sum above the series of the mirror. The index arm is then moved so that its image of the other star is nearly calcident with the first. The resume on the arc at the point to which the index arm is moved, gives the angle required.

