

MODEL OF C. K. G. BILLINGS'S YACHT VANADIS, SEEN IN LONGITUDINAL SECTION

YACHT MODEL SIX FEET LONG with all the boats hanging on the davits. the forward deck is shown slung ready to lower over the side and land on some

Dier.

model

ELABORATE PIECE OF WORK FOR C. K. G. BILLINGS.

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One side of this shows the yacht floating The Vanadis, Split Lengthwise, Shown in in the water. The water has been painted Miniature-Even the Smallest of Fit-by Warren Sheppard, a marine artist. tings Reproduced-Model Collections The other side shows the interior of the Favorite Hobby of Many Yachtsmen.

To be an up to date yachtsman you room shown is furnished just as it is on must not only own a yacht but have a the original, even to the woods and the fully rigged model of it. It is proper, color of the silks and tapestries. These to have models of all the vessels a two models are enclosed in plate glass vachtsman has owned.

yet turned out has just been completed yachts and the cost to Mr. Billings is for C. K. G. Billings by the H. E. Boucher | said to be about \$5,000. Manufacturing Company, which has a

Fulton street. a study of models. He has made many different parts of the original vessel are for the United States Navy and Army known and it is seen how carefully they departments and has recently made sets have been scaled down. A chair that of models to illustrate text books used may be 3 feet high on the original is threeby the cadets at Annapolis.

of the steam yacht Vanadis, which is one on the original are not more than 6 inches of the finest affoat. The model is as hand- long and 1 inch in diameter. On the some as the yacht and is complete down to models these are one-half inch long and the minutest detail. The Vanadis was graded to the proper thickness. They built by A. J. Inglis at Glasgow from are practical turnbuckles, each having designs by Tams, Lemoine and Crane, a right and left hand thread and have and is a steel vessel fitted with three been used to set up the parts they hold. screws, two of which are driven by tur- The launches have miniature motors in hine engines and the other, on the centre them and the wheels of these motors turn shaft, by a reciprocating engine. Her over. The blocks used in the falls have dimensions are 277 feet 6 inches over all, 232 sheaves so that the boats can be lowered feet 7 inches on the water line, 32 feet to the water just as they are on the big 7 inches beam, 18 feet 1 inch depth and 14 vessel. The engines are the most delicate feet draft. The model has been built pieces of mechanism and exact copies on the scale of one-quarter inch to the of the originals. foot, so that the model measures just

wsprit is 8 feet 2 inches long.

as she would appear in a dry dock, and on this she has all her spars standing. two masta_flying flags. This shows the hull and the decks and the deck fittings,

STUDIES IN

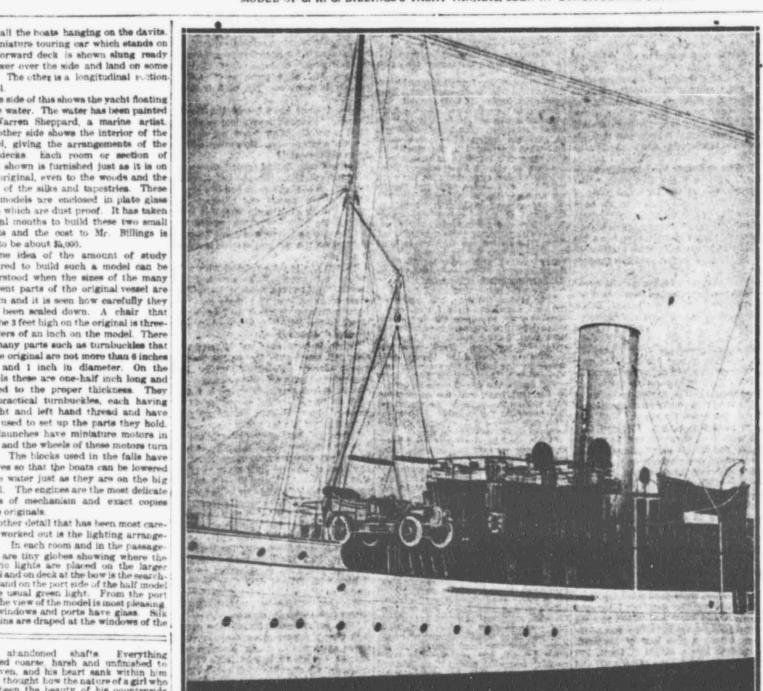
yessel, giving the arrangements of the five decks. Each room or section of cases which are dust proof. It has taken One of the handsomest sets of models several months to build these two small

Some idea of the amount of study well appointed shipbuilding plant on required to build such a model can be Mr. Boucher has made understood when the sizes of the many quarters of an inch on the model. There The new models just exhibited are those are many parts such as turnbuckles that

Another detail that has been most careunder 5 feet 10 inches from the stem fully worked out is the lighting arrangehead to the taffrail and including the ment. In each room and in the passage

ways are tiny globes showing where the There are two of these models. One electric lights are placed on the larger shows the yacht standing on blocks just vessei and on deck at the bow is the search-as she would appear in a dry dock, and light and on the port side of the half model

> S IN SUPERSTITION and abandoned shafts Everything seemed coarse hareh and unfinished to Buthven, and his heart sank within him and ahandoned shafts as he thought how the nature of a girl who had been the beauty of his countryside anged for



and the light from the open side of the handsome plate glass windows. richly undel shines through these windows and there is a butler's pantry aft which con-

The bottom of the model shows the

on a long voyage can be stored away. Still further aft is a coal bunker and there is coal ready to be shovelied into the fur-naces. The boilers and furnaces are next shown. The smokestack leads up from shown. The smokestack leads up from this space and further up in the stack is shown how the smoke from the galley stoves is carried off. More bunkers come aft of the boilers and then there is the engine space. This vacht has two tur-bine engines and one is shown on the port side. Between these two turbines is a reciprocating engine that drives the mid-die propeller and the shafting with all its bearings terminating finally in the three bladed wheel is shown. Aft of this en-rine space is the auxiliary engine used for ighting and ventilating. Still further but in a somewhat different way, and as the found is a larger wessel than the

aft is the accumulator room with all the accumulators shown wired and aft again are the tanks for oil and for water piped and with pumps attached. On the lower deck or berth deck are

rooms for the officers, the forecastle with berths for the crew and other storerooms. Some of these rooms are not shown open

Some of these rooms are not shown oren is because cutting the vessel longitudinally leaves a partition, but those rooms that are shown open are fully furnished. On the main deck forward is the wind-lass and a small engine for hoisting. Just aft in an open space a big tour-ing car is carried and this car can be hoisted in slings, lifted overboard and lowered on to a dock ready for the owner to start off on a trip on land at any port where he can get the yacht alongside a pier. The foremast comes next. This must is not steeped through the deck. but reats on a steel support which takes very little room. The mast is stared in the usual way and the rigging is set up by turnbuckles. Silver wire is used for The main dining saloon comes next.

the nosse were coming. He could see lights twinkling on the alope; he their

saloon, dining room and owner's quarters This is in a mahogany deck house with

There is a outler's pantry art when com-nects with the owner's galley. On the other side of the smokestack is the crew's galley and then come some statercome. In these rooms there are brass bedsteads and the detail has been carried out so thoroughly that there are pillows and comfortables on the beds. Rugs are on the decar and mirrors on the burgaus.

The bottom of the model shows the structural steel work, the framing and plating and the reenforcing under the several compartments. In the bow and at the stern are two small compartments in these rooms thore are prass bedsteads and the dotail has been carried out so in the bow is the chain locker, and the actor trimming the vessel. Aft of the cable is shown leading down from the cable is shown leading down from the chain locker is a storeroom and in that are brooms, pails, cans of paint and varmish, blocks, ropes and buckets. Aft of the storeroom is the refrigerating compartments for use of the storeroom is the refrigerating compartments is the chart house, with bridge above. Two launches are swung from the davits of the storeroom is the refrigerating compartments are shown. Two launches are swung from the davits of the along voyage can be stored away. room, where the instruments are shown. Two launches are swung from the davits of the half model, and these launchose have motors, the wheels of which will

turn over. The full model gives more attention to the outward appearance of the vessel. Of this there are six boats on the davits,

reproducing the big steam yacht Iolande, but in a somewhat different way, and as the Iolande is a larger vessel than the Vanadis this model will be larger.

Henry A. Morss of Boston has had made models of all the yachts he has owned. which are to be shipped shortly to his home in Boston. In this lot are copies of the schooner Dervish, the sloops Cos-sack and Brigand, the new schooner sack and Brigand, the new schooner Vision, the knockabout Aspinet and the sonder boat Vim. There are made to a scale of three-eighths of an inch to the foot and are fully rigged. Mr. Morss, who has just returned from a trip around the world, has brought back models of Japanese and Chinese junks and Dutch fishermen to add to his collection. Frederick Fletcher has ordered models of his cruising power yacht Cristina, the

of his cruising power yacht Cristina, the schooher Rosemary and some knock-abouts and smaller craft he has owned. For the Eastern Yacht Club models are y little room. The mast is stayed in y little room. The mast is stayed in usual way and the rigging is set up turnbuckles. Sliver wire is used for the main dining saloon comes next. fower and Puritan.

nearing the depths reached by the miners THE BIG LEAGUERS IMITATED. from which the cat had sprung. Besides. Small Boy Baseball Players in City Lots Do Surprising Things. a baseball with small muttered grumblings of the men not players reveals occasional glimpses of daring to disobey. Then came a nightmare scream. Out of the pit scrambled the man, to grab sailuried stars of the game, pictured in the stake: to turn, to fall prostrate, saluried stars of the game, pictured in screaming as two blazing coals, backed and impelled by a ball of black, whirled during the spring training trips or in the "Take it off? Take her off?" screeched complete uses of these action photographs. championship games doesn't realize the the man. "Aurora, for the love of mercy, I didn't mean to kill you! I was looking for the papers! Help! help!" complete uses of these action photographs. If he could see some of the grass caters, as the small boys are known, playing their Before the miners, led and compelled games he would know who some of the the eager students of baseball are. doctor from his nost saw an astounding thing With chance directness the man in his struggles drove the stake into the of the black cat, clawing and tearing some little laci, hardly as tall as the bat t his throat. In an instant the beast sprang away and the plate in imitation of some here of the disappeared within the excavation from the plate in imitation of some hero of the which it had bounded. What had he snid? big league field. These small boys swing That life would abide vengeance? Could the bat, plant the feet and meet the ball be that now this man was relieved from with the finish of veterans very often. a funk, though I understand how anxious a funk, though I understand how anxious prou feel to get to the end when you are mearing the end." Then, I haven't heard a word from wales since I landed." continued Ruth-iven. "I left them in a day that the mine which had been the support of the mine support of the support of the support of the mine support of the mine support of the support of the support of the support of the mine support of the s league circles, carried his body out of reach of the basemen, while his feet found the

The Myth of the Cat.

said Ruthven. "if this strange old woman ; said Ruthven. "If this strange on missing girl?" asked Lance, should turn out to be my father's missing with a scream th should turn out to be my tark and the source of the source stance of the letter, undoubtedly in her recognition of the hand, postmarked 'Pierson'-

captain is anxious to oblige the British here who has seen her or heard of here who has seen here or heard of here who has been here who has seen here or heard of here who has been here who has been here who here who here who here who has been here who here who here who here who has been here who here w whether she is this queer one or another queer one. There is no use in getting in a funk, though I understand how anxious you feel to get to the end when you are her no better than a witch, and I'll miss

Wales since I landed, continue, ven. "I left them in such a state. "Think of it, to find all in a day that the mine which had been the support of our family for generations not only was exhausted but that the manager, fearing to confess the truth, had been stripping the supports and galleries for months, so that not even that poor resource remained, that not even that poor resource remained. that not even that poor resource trimatines. No wonder my father, brought face to face with ruin, with several hundred employees dependent on him for bread, should have thought of his sister Aurora's fortune, the accumulated dividends from fortune, the accumulated dividends from

her share for thirty years, fairly going begging for lack of an owner. "If she is allow it is right that she should have the chance to help. If she is dead, then my father is her natural heir, though of course she might have willed it from him." "That is not likely, nir, if an any in the should it mealled to a state of the light in and impelled to a state of the light in and impelled to a state of the light in and impelled to a state of the light in and impelled to a state of the light in the state of the light in the state of the light is a state of the light in the state of the light is a state of

him."
"That is not likely, sir, if, as you say, disappointment in love drove her away from her kin. Those who brood are not whether and flashing after them as they is a long ago as when the Chelle for the set of the set . from her kin. Those who brood are not rushed headlong into the open much for change. You say you found a

strange and lonely old woman, had a brood adventure.

overfond; indeed they say that's why the "And meanwhile" "Meanwhile I am assigned to find Anne

have dragged out the dreary years of her disap-

The myth of the data pearance among such surroundings. A tow headed child limped out from a hut and stood on one foot, her shrunken limb drawn up under her dress, with her hand to her white, pinched face shielding hard to her white pinched face shielding her eyes from the sun. "Have you seen old Anne about, little

are looking for old Anne. Penryl."

the somewhat familiar form of a cat?" "You would have thought so yourself

"As long ago as when the Gaeile fore-fathers of these men were performing their rites to old Chaos and Night in oak

strange and lovely old womap, had a brood of black cats of which she was very fond. We thought that Aunt Aurora must have written for one of them, though I left too hurriedly to bunt up the shipment" "All you say, sir, goes to show that the

MR. BILLINGS'S AUTO SHOWN IN PROCESS OF BEING HOISTED ABOARD THE YACHT. -----

"Easy goes it, sir," Jim Lance, detec-"Easy goes it, sir," Jim Lance, detec-tive sergeant, interrupted cheerily. "The captain is anxious to oblige the British Consul-General and consequently to oblige for days; but it's too good news that she's." "Now, then, to descend to the particu-"Now, then, to descend to the particu-

who lately had been getting queerer and more uncanny as if drunk 'on his own medicine, and who now kept wagging this old head and ohuckling as if over ideas more outlandish and unreal. * self ing-traff y* Not that the doctor gave much credit to the mixture of primeval fact and up to date fiction he had prescribed for his visitor. Oh, no; he was a simple inquirer, seeking elucidation with a match. Therefore, assigning to Lance a faise subjection of Penryl, he had made a subter-fuge of it to gain access to the hovel in the atory brought by Lance was go favorite subject, the doctor had not thought of asking it until it was too late.

As a fellow archmologist, the stranger had said, who in Egypt and the Orient

the body of the cat that has been nor familiar attendant does she thereby in this feline form acquire or preserve any greater length or tenacity of life than great corner a man was digging where the miners had dug with a fierce energy the miners had dug with a fierce energy the miners had dug with a fierce energy

of course, of mortal limitations," the doctor had answered. "The most erudite much for change from her among the effects of an old nurse? May I ask what she was writing about? "
"About a cat," answered Ruthven somewhat rejuctantly, "Nurse Marigold, a strange and lonely old woman, had a brood
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"About a cat," answered Ruthven somewhat a strange and inquirers agree that it is the malign in- as if so highly wrought as to be sensitive "Gone to town, doctor," answered the yet more practical. "We know that it retains a fondness the witch or the live heart of the cat.

would hear the

rushed into the hovel Lance,

at his throat.

"No wonder, sir." said Lance, "that "No wonder, sir." said Lance, "that ne'er a one of the miners is around and otherwise known as old Anne Ruden.

"forme, then, the least amends you can of the big players. The pitchers wind up make is to rell what you were doing here and deliver the ball as they have seen it

peer intenge the days what digging where rear corner a man was digging where the miners had dug with a fierce energy oddly contrasting with his fashionable raiment and white hands. He stopped, he turned for a moment tant yet loyal to the law, answer with the most stout hearted of his mates. He saw them bend and strain at the brink. Then he saw them drag up into sight the

ordy of an old woman. FLOWERS AND INFLUENZA.

The Only Harm That Might Result From

Bloom of Popular Plants. From the London Daily Neurs.

Science has passed verdict of "not guilty" on the daffodil, which it seems has been unjustly charged by some meddlers with strategist class

the power of giving rise to severe attacks

their houses are all shut right and tight. A light from that deserted shanty will give whoever is in there full license to do whatever it is he's about." You admitted your guilt just now when you thought you were alone. I heard you thought you were alone. I heard you thought you can of the big players. The pitchers wind up

myth of the cat, he was taking upon himself the liberty of paying his respects to the most eminent authority on super-stition in the hope of being enlightened on one moot point. "If a witch in articulo mortis has occupied the body of the cat that has been her familiar attendant does she thereby in this feline form acquire or preserve any greater length or tenacity of life that would pertain to the cat that first which was the dusty window. In the would pertain to the cat that first which was the dusty window. In the would pertain to the cat the first which was the dusty window. In the shift a make is to tell what you were doing here and where the body is hid. It can't be in and where the body is hid. It can't be in that fit which we excavated and filled in again the other day. Where is it, I say. and why did you dig?" Randolph Maynes stood in silence. "And holging bimself, with the blood tricking down his shirt front. "Hold a light here," commanded Lance, "and the rest of you guard that man. I'll find out for myseif." And he leaped down into the mit. The doctor from his post at the window felt his nails piercing his paims: yet he pitch as the American does. It seems the most natural thing in the world for the American small boy to take a bail and let his first and second fingers direct its

flight. With the increased popularity of base ball and the spread of knowledge of the tactice of the game, the corner lots player has developed wonderful tactice. One grownup saw the other day a game is progress in which a ten-year-old at the bat, with two out and a man on second bunted the ball toward first. This act was a surprise and he got away with it

A few seasons ago that play, sprung in a hig league game, worked well too. It's the unexpected the boys are learning and the grass eaters are getting into the

"All you say, sir, goes to show that the captain made a good guess in picking out old Anne Ruden. She lives among the your relative might naturally choses to do. She has a black cat of which she's to do. She has a black cat of which she's neighbors are so shy of her. "Mean while I am assigned to find Anne stress who file." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne, stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mean while I am assigned to find Anne stress are so shy of her." "Mea frantically. Then the doctor saw some-

the doctor's noiseless approach, and

In deal the as a thank cut of with the bas a ways of the subman asymptotic the cut of the

to the doctor's noiseless ap the light on the table shone drawn and haggard face. It was the visitor who had asked the curious question regarding transformation and the length of demoniacal life. IV. Presently, the man, as if between two possession ceases at once and forever fears, resumed his digging even more