

Steer Ships by
Submarine Cable

Electric Pilot Used To Prevent Accidents In Harbor Channels.

Just as wireless is proving an invaluable aid in guiding airplanes safely through fog and storm, so electric-magnetic waves now are being employed successfully to direct the course of ships at sea in any kind of weather. A new system of submarine pilot cables, by which electric currents are set up in sea water to form an electric pathway for ships to follow through fog, recently has been put in operation in Ambrose Channel, off New York, and at Portsmouth, England.

It was announced a short time ago that another of the cables soon will be installed between Boulogne and the English Coast, says Popular Science Monthly for December. Further interest in the new device has been aroused by the recent grounding of the Channel steamer Newhaven in the fog near Dieppe, France, an accident that experts say might have been prevented by the operation of the pilot cable.

An insulated cable is laid on the sea bed along the course the ships are to follow. This cable carries an alternating current generated by a land station or lightship. At the sea end of the cable is a large metallic plate, causing a return electric circuit, through the sea water.

How It Works.
As the alternating current passes through the cable, it induces electric current in the water, the intensity of this current, being at its maximum in the immediate vicinity of the cable, and becoming weaker as the distance from the cable increases.

On each side of the ship is a coil of wire that acts as a detector to pick up the electromagnetic impulses above the cable. These coils are connected with amplifiers and with telephones in the pilot house. When the ship is directly over the cable, the signals in each coil are equal in intensity. But if the ship moves away from the cable slightly in either direction, the signal in the coil nearer the cable is the stronger. Gradually, if the ship continues to move away from the cable, the signals in both coils become fainter and fainter, finally disappearing.

Thus, simply by listening in, the pilot can steer his course safely thru the thickest fog. The signals are good up to about 400 yards from the cable.

The same principle recently has been applied in land cables for the guidance of air craft. It was announced not long ago that the first section of an overland pilot cable from Paris to Boulogne, France, would be ready for operation by next May.

Cuticura Talcum
Is Soothing
For Baby's Skin
Sap, Ointment, Talcum sold everywhere.

Portia Sails North

S.S. Portia, with Capt. Wes. Kean in command, sailed from the Dry Dock at 10 a.m., for the Northern Coastal Service. The Portia took a heavy outward cargo, and the following passengers:—A. J. Fitzgerald, Rev. W. J. Williams and housekeeper, E. W. Roberts, K. Gosse, J. Anstey, Miss Holmes, Mrs. E. P. Parsons, E. P. Parsons, F. Owen, A. Dower, Miss Nellie Clouter, A. G. Gillett, E. G. Gillett, W. Gillett, L. Best, Miss J. Rideout, Rev. Dr. Jones, Miss Rita Jones, W. Wicks, R. F. Bartlett, J. W. Foster, Miss M. Gabriel, Miss C. Hillier, J. B. and Mrs. Hann, Miss M. Atwood, J. Jones, T. Rideout, Miss A. Rideout, R. Anstey, Miss Brown, R. G. Winger, J. and Miss Jones, P. Parsons, H. and Mrs. Hunt.

Another Ford Yarn

In honor of a recent visit paid to his factory by a party of distinguished Englishmen, a well-known Detroit automobile manufacturer had a complete car assembled in something like seven minutes. Some weeks after this feat was heralded in the daily papers the phone at the plant rang vigorously. "Is it true that you assembled a car in seven minutes at your factory?" the voice asked. "Yes," came the reply. "Why?" "Oh, nothing," said the calm inquirer, "only I've got the car."

Passengers by Silvia

The following have booked passage for New York and Halifax by the Silvia, sailing this afternoon:—J. P. and Mrs. Carey, D. M. Turner, Rev. C. H. Johnson, Miss C. Crocker, James Evans, J. Pomeroy, J. D. Croucher, Miss T. Russell, Miss M. West, Mrs. Powell, Miss Powell, Mr. Fraser, Mrs. Fraser, Dr. and Mrs. Mitchell, Miss F. Ewing, W. R. Howley, Mrs. Howley, R. B. Brown, Mrs. F. B. Woodfine and 1 second class.

GEORGE SAYS:

Come and Gladden Your Eyes With a Sight Worth Seeing

Of the most wonderful display of Exclusive Xmas Gifts for Men
ever shown in this Dominion

Each and every article has been selected this Autumn by one who has had Fifteen Years' Experience in catering to Newfoundland's most fastidious dressers. The Quality is the world's best. The Styles are similar to those in Paris, London, and the largest cities on the face of the globe.

Being a Specialist and able to give you my Personal Attention, I can save you untold trouble if you allow me to help you

SELECT HIS GIFT

I have helped thousands satisfactorily. WHY NOT YOU? Here is a list of a few of the many gifts on display, any of which will surely please. See them and be convinced.

LET US START WITH JAEGER GOODS, THE QUALITY OF WHICH IS UNDISPUTED IN ANY PART OF THE CIVILIZED WORLD.

JAEGER OVERCOATS: Double-breasted, raglan sleeve, large patch pockets, step collars, hand-sewn large horn buttons; each coat half lined with Satin, piped seams, perfectly tailored. Colors: Brown, Grey and Blue Heather with invisible check. Price \$55.00

JAEGER ALL WOOL DRESSING GOWNS: A most acceptable Xmas Gift for this country, plain colours with contrasting collars and cuffs, bound with Silk cord, and trimmed with braid. These gowns have shawl collars, three patch pockets, set-in sleeves, and heavy silk girdle with large tassels to match. Prices . . . \$25.00 to \$35.00



JAEGER SMOKING JACKETS: The last word in comfort combined with style, warm and durable. Just the thing for lounging around the house these long winter evenings . . . \$17.00, \$20.00, \$25.00

JAEGER SLIPPERS: Check or plain camel hair, \$3.00; Brown, Grey and Fawn Velour Slippers, \$6.50; Jaeger Leather Slippers, Brown or Black, Box Calf with leather soles and heels, in low cut or Romeo styles, Jaeger fleece lined. Will last a life-time . . . \$10.00, \$15.00

Jaeger
Mufflers

Good long fleecy Wool and Jersey knit Mufflers, with plain and barred ends and deep fringe, in colours of Grey, Brown, Heather, Camel Hair and White, etc.
\$2.50, 3.00, 3.50, 4.00, 6.00, 9.00



Ski-ing Sets



Consisting of Roll Collar Sweaters, with long sleeves, brushed Camel Hair, with Nansen Cap and Gloves to match \$17.50

JAEGER WOOL GLOVES: Plain and Fancy knit, lined and unlined, in Greys, Natural, Camel Hair and White \$2.00 to \$3.50

JAEGER WOOL VESTS: Four deep pockets, woven or knit, Brushed Wool, in Camel, Grey and Heather \$10.00

FAIR ISLAND PULL OVER SWEATERS: As worn by H.R.H. the Smiling Prince. Just the thing for Golf, Curling, Tobogganing, Skating and Ski-ing \$20.00



SWEATER COATS: Light and warm, V-neck or shawl collar, in Brushed Wool, two pockets. Colors: Grey, Reseda, Camel and Heather. Prices \$6.50 to \$17.50

White Sweaters



V-neck with Club colours, round neck and waist band and cuffs, long sleeves, \$7.50. Also roll collar, plain White—

\$5.00

MEN'S JAEGER KNICKER OR GOLF HOSE: Fancy and Plain tops, all pure Wool in Greys, Browns, Heathers and Lovat shades. \$3.50 pr.



MEN'S JAEGER CASHMERE AND WOOL SOX: Every colour imaginable—
Prices 1.00 pair to \$3.50

SILK GOODS

INDIAN SILK DRESSING GOWNS: Inset sleeves, shawl collar, double-breasted, self colour buttons, three patch pockets, trimmed with Silk cord, and tassels to contrast, trimmed with braid, the swankiest gowns in the city \$35.00

SILK MUFFLERS: Plain and crocheted stitch, the kind you don't get elsewhere; every thread silk, stripes and self colours.—
\$3.50 to \$20.00

SILK UMBRELLAS: Fox frames, all silk covers, partridge and malacca handles, wood or steel rods, silver mounts . . . \$10.00 to \$15.00

SILK SHIRTS: In Plain and Fancy colourings: White, Blue, Cream and Stripes, soft double cuffs \$3.50 to \$10.00

SILK PYJAMAS: Broad Pyjama stripes on White ground, in shades of Hello, Blue and Grey; all very best texture, for \$6.50

MEN'S HOLEPROOF SOX

Full fashioned or seamless, plain colours; all sizes.
\$1.50

MEN'S SILK TIES: Selected from the Silk looms of Paris, London, New York, Italy and Switzerland. Every style, every colour, but only one quality—the best. Prices 75c. to \$2.00

SILK HANDKERCHIEFS: Crepe or Twill Silks, in plain colours, fancy coloured borders, every conceivable design and colour—
Prices \$1.50 to \$3.50

MEN'S PURE IRISH LINEN HANDKERCHIEFS: Full size, narrow hemstitch—
60c. each

MEN'S BRACES AND GARTER SETS: An excellent novelty for evening wear . . . \$4.00

MEN'S ARM BAND and GARTER SETS: In Silk Elastic \$1.75

MEN'S WALKING STICKS: No two alike, selected especially for this season—
\$3.50 to \$15.00



LEATHER GOODS

STUD BAGS: Of Russian Calf, lined silk, closed by running string through metal eyelets, or solid leather pill box shape, detachable cover \$1.00 each

COLLAR BAGS: Of Suede Leather Calf, Tan or Grey—
\$3.50 to \$7.50

MEN'S UNLINED KID GLOVES: Fownes' celebrated make, Tan Cape, Chamois and Suede. Also Buckskin, lined silk . . . \$3.00 to \$9.00

LINED GLOVES: Brown or Grey Suede, or Tan Leather, lined wool or fur \$4.00 to \$7.50

MEN'S TRAVELLING SLIPPERS: In case, in Black only, a really useful gift \$3.00

MEN'S MILITARY HAIR BRUSHES: Genuine bristles, in solid pigskin case \$7.50

Evening Dress Wear

TUXEDO SUITS: Three-piece. Coat has rolled collar, one button, straight front, two pockets. Vest is Black Silk Pique, two pockets. Trousers, Silk striped side. These Suits are perfectly tailored and are of the very latest styles. Price \$50.00

PRINCE OF WALES' DRESS SHIRTS: In plain and pique, stiff front, one button, stiff cuffs \$4.50 and \$5.00

PRINCE OF WALES' TUXEDO SHIRTS: Pleated in French pique of plain linen. These are, of course, the last word . . . \$4.00 to \$5.00

PRINCE OF WALES' BATWINGS: Black or White; thistle shape 50c. to 95c.

MEN'S PLAIN WHITE SILK HANDKERCHIEFS: Direct from Japan, hemstitched \$1.50 to \$4.00

SILK BRACES: In Black and White, the last word for evening wear—
\$2.50 and \$3.00

EVENING DRESS VESTS: Of White Pique, plain and fancy. These have four buttons and are the very latest London vogue—
\$4.00 and \$6.50

MEN'S WHITE SILK EVENING SCARVES: Most exclusive, unequalled for excellence \$15.00

MEN'S COTTON

SHIRTS: Coat and Tunic style, soft cuffs in Cottons, Madras, Repp Cloths, Oxfords, Luviscas, Taffetas & Broadcloths. These Shirts are well cut by one of England's best Shirt houses, and they range from

\$2.50 to \$7.50



THE FAMOUS SCOTT VELOUR HATS: With snap brim, as worn by the style leader of two continents, H.R.H. the Prince. This is the best the world produces \$15.00

Other Makes in Velours, \$4.00, \$5.00, and the CHRISTY, \$7.50

All these goods are something different from any you have ever seen even in my Store. In fact, I have not seen them displayed in any of the larger cities before this autumn. There is absolutely no obligation to buy, but the sight will gladden your eyes. SERVICE is our middle name. Consequently it is the greatest pleasure to show you our goods. Gift Boxes supplied for purchases Free of Charge. This is undoubtedly my supreme effort to please you.

YOURS FOR THE BEST EVER IN MEN'S WEAR.

KEARNEY'S