

An added dimension in boating enjoyment

Highest quality . . . exceptional versatility . . . utmost dependability . . . all attributes of the new Apelco AE-130M₂ radiotelephone.

Advanced in design, AE-130M₂ meets every requirement of the larger craft. *It has the power* — the essential ingredient for reliable signals at long distances — *145 big watts input!* It is versatile — provides operation up to 10,000 kilocycles which includes *high seas* channels so important to reliable, long distance communications from wide ranging boats. Eight crystal controlled positions give instant selection of intership, telephone and emergency channels. Precision meter on panel indicates proper performance, modulation. Sensitive 6-stage communications receiver also covers standard broadcast band. Remote control equipment is available.

Detailed construction—sealed components—rustproof aircraft aluminum cabinet—chromate protected chassis—stainless steel hardware—each making an important contribution towards protection against environment.

AE-130M₂ is handsome! Pleasing decorator colors and custom-designed styling blend with finely crafted interiors. It's compact . . . only 15¼" wide, 7¼" high and 14¼" deep with separate power supply for easy, limited-space installation. Meets charter boat requirements. *F.C.C. type accepted.*



APELCO

213 E. GRAND AVE., SOUTH SAN FRANCISCO, CALIF.

Please send free brochure describing AE-130 and other Apelco radiotelephones

Name _____

Address _____

City _____

Zone _____

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apelco

SOUTH SAN FRANCISCO, CALIFORNIA

Worldwide export by AD AURIEMA, 85 Broad St., New York 4, N. Y.

apelco *Greatest ever... in value...in full performance features...*



NEW... AE-31M, FIVE CHANNEL, 32 WATT
"FLAT PACK" RADIOTELEPHONE.

APELCO RADIOTELEPHONES FOR '61.

Now... exclusively... the long-awaited ultimate in space saving radiotelephone design—"flat pack". Now... augmented with a beautifully simple, effective mounting idea, *snap clamp* allows set to be easily removed for storage—just as rapidly replaced. And *new, better*—all aluminum rust proof housings fully protected against marine environment. Rich, blending colors too. Soft platinum and slate grays with Newport Red accents. Modern!

Transistors—other advanced electronic elements—now make possible smaller equipment size, add to performance and reliability. An important bonus—substantially reduced average current drain from boat's battery—is made possible by transistorized circuitry.

Apelco's great, new "flat pack" series covers the power range from seventeen to one hundred watts, offers—with six different models—the ideal radiotelephone for every craft—the small outboard—the cruising yacht.

At the economy end of the Apelco line, AE-3M, 4-channel, 17 watt marine radio-telephone "package". Complete with Webster antenna and deck mount, two sets of quartz crystals—and at the lowest price ever! In contrast, the new line is topped by AE-150M—superb, remote controlled ten channel 150 watt radio-telephone. Here is unexcelled quality and completeness of detail including remote control consoles in handsome wood-grain finishes.

Get the most for your money! Choose Apelco, America's largest manufacturer of marine radiotelephones.

AE-3M RADIOTELEPHONE "PACKAGE"

NEW... AE-3M "FLAT-PACK" 4 CHANNEL RADIOTELEPHONE "PACKAGE." COMPLETE WITH WEBSTER ANTENNA, DECK MOUNT AND CRYSTALS FOR COAST GUARD EMERGENCY AND BOAT-TO-BOAT FREQUENCIES.

AT RIGHT: NEW "FLAT PACK" 60 WATT FIVE CHANNEL RADIOTELEPHONE, AE-30M.



APPLIED ELECTRONICS COMPANY 213 East Grand Avenue South San Francisco, California

STEP UP TO BENDIX!

NEW

SKIPPER 565 Radiotelephone



65 WATTS OF TALK POWER!

This new Bendix radiotelephone is packed with features: Space age silicon transistors for true reliability and proof against extremes of heat and surges; 6 channels and broadcast; up-front speaker; noise limiter; corrosion protection. FCC type acceptance. Ask for a demonstration.

**Only
\$289.95**



Sensational Skipper 673. 90-watt FCC rating, 6 channels and broadcast. Silicon transistors for ultra reliability; squelch and noise limiter. Only \$369.95



Outstanding Skipper 750. 150-watt FCC rating, 6 channels and broadcast. Oversize 200-watt rated transmitter tube for peak output. Dependable silicon transistors. From \$499.95



Navigator 420 — Portable direction finder. Beacon/consolan, broadcast, marine bands. Null meter. \$99.95



Depth Indicators — Four models for ranges 50 to 240 ft. Extra bright indicating signal. From \$145.



Depth Recorders — 3 models from 150 to 1200 ft. Chart shows fish bottom contours for navigating, anchoring. From \$380.



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Navigator 555 — Portable direction finder, 3 bands. Slide rule tuning. True sense bearing. 3 frequencies. Null meter. \$199.95



Loran Receiver — Fixes your exact position under all conditions. Has extended range. \$1750.

Marine Division



Ask your Bendix-Marine dealer for complete information or write Bendix-Marine, 1001 So. Grand Ave., Santa Ana, California



CR-70

THE PROFESSIONAL COMMUNICATION MAN'S DESIGN

If you're a professional communications man and you'd like to know why we're sure you're going to consider buying our new CR-70 Solid State Synthesized HF Receiver...
it's because you helped design it!

The CR-70 is a completely solid state HF receiver, providing continuous coverage over the frequency range of 2.0 through 30.0 MHz. By incorporating a unique integrated circuit digital frequency synthesizer, the CR-70 may be tuned over this frequency range in 100 Hz. steps. In addition, the last two decades of the synthesizer may be unlocked and manually tuned over any 10 KHz. segment in the 2 through 30 MHz. frequency range. The modes of reception offered by the CR-70 include independent sideband, upper sideband, lower sideband, AM, CW, or FSK. Automatic frequency control is available as an option for use in applications where a pilot carrier is present. A zero center meter function has been provided to enable the relative frequency drift to be measured on the panel mounted meter.

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HF SIDE-BAND GROUND STATIONS • VHF & UHF GROUND-TO-AIR TRANSMITTERS & RECEIVERS •
HF FREQUENCY HOP OPERATIONAL BEACON TRANSMITTERS • REMOTE RECEIVING SYSTEMS • HIGH
POWER POINT-TO-POINT SIDE-BAND SYSTEMS • ADD-ON ACCESSORIES • CUSTOM CONTROL CONSOLES



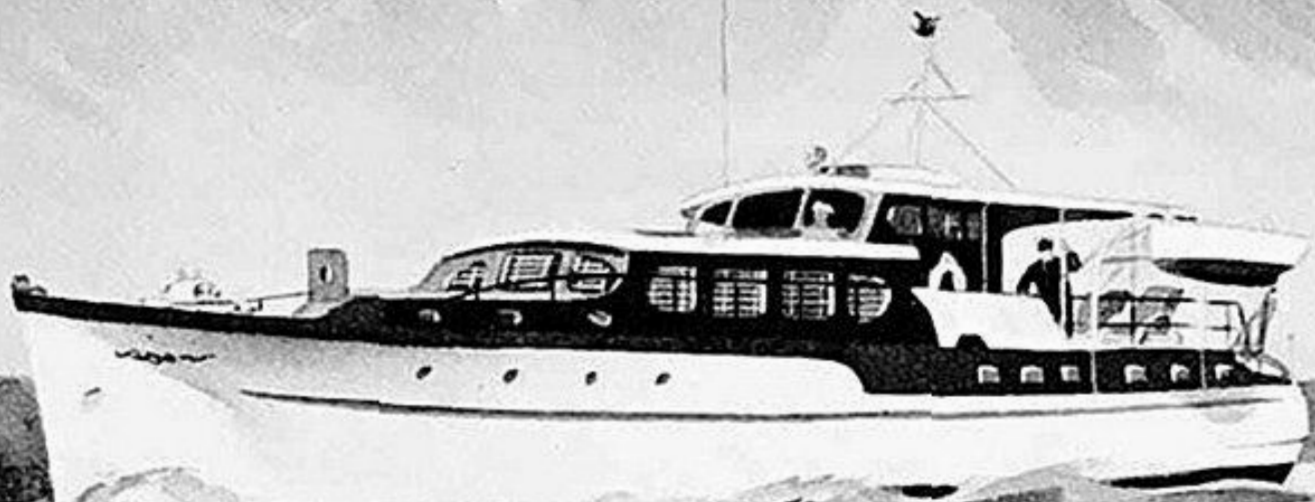
Imagine the kick . . .

sitting on board your "Little Betsy," 20 miles at sea and talking by telephone (just like the one at home) with your friends, your office — and other ships. Think of the safety it affords — keeping you constantly in touch with shore stations all along the coast — and then, too — if your prize dog has pups they can call you directly from home with up-to-the-minute details. HARVEY Marine 12 Ship Radiotelephone is licensed for use on ships under patents of the American Telephone & Telegraph Company. It is compact, with crystal controlled transmitter and receiver in one cabinet — easy to operate, only one master control — range, 50-100 miles. For a more complete description write to Harvey Radio Laboratories, Inc., 25 Thorndike Street, Cambridge, Mass.



HARVEY *Marine 12*

SHIP RADIOTELEPHONE

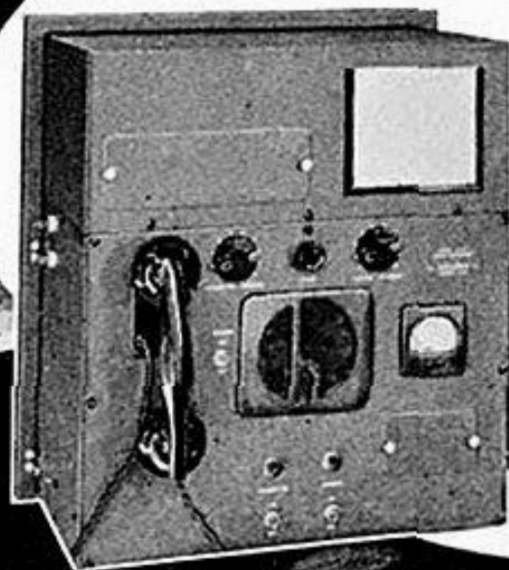


COMMUNICATE BY
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Modernize your craft with a Hallicrafters Radiotelephone! You can have dependable communications with the coast guard, ship-to-shore and ship-to-ship.

Write today for illustrated booklet on Radiotelephones and the name of an installation near your harbor.

*Mr. J. J. Grant's Grebe-Built Cruiser
"High Tide" equipped with Hallicrafters
Radiotelephone and Radio Compass.*



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*Used by
33 Governments*

*Sold in
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HUDSON AMERICAN'S New MARINE RADIO TELEPHONES



A superior product must give superior results, besides a deep pride in ownership; the many hundreds of Hudson units in the field conclusively prove this. The new post-war Hudson American Marine Radio Telephone, product of two decades of concentrated experience in radio communications, has in a few short months become the acknowledged standard of comparison in yachting circles everywhere. With quality in every detail from electrical circuits to outward appearance, each of the six Hudson models is the finest of its type that can be produced.

Our greatly-expanded plant facilities assure you of prompt delivery of your Hudson American Marine Radio Telephone

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Veterans of pre-war and wartime electronics, we serve aviation, marine and related companies to C. A. A. and F. C. C. standards. Ask us . . .

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FOR DIRECT TWO WAY COMMUNICATION WITH HOME —
OFFICE — FRIENDS AND
COAST GUARD

BOAT TO SHORE
BOAT TO BOAT

Write for Details



Licensed—Controlled Tuning
Simple to Operate—Self-contained

A Product of

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JEFFERSON-TRAVIS



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Crystal Controlled

MARINE RADIO TELEPHONES

For Safety and Convenience Aboard Your Boat

Anyone aboard can carry on a two-way telephone conversation

to and
from

**OTHER BOATS
SHORE TELEPHONES
COAST GUARD IN EMERGENCIES**

For peace of mind, for carefree boating,
install a new, inexpensive

**JEFFERSON-TRAVIS Crystal Controlled
Offshore Model *Marine Radio Telephone.***

Compact, for accessible mounting. Operates
at low current drain from 6 to 12 volt systems.
No boat can afford to be without one! Write
for literature on this and 6 other moderately
priced models.

J-T is ready!

ON LAND, sea and in the air, hundreds of Jefferson-Travis radiotelephone units, installed before the war, are still in operation today after several years of constant use.

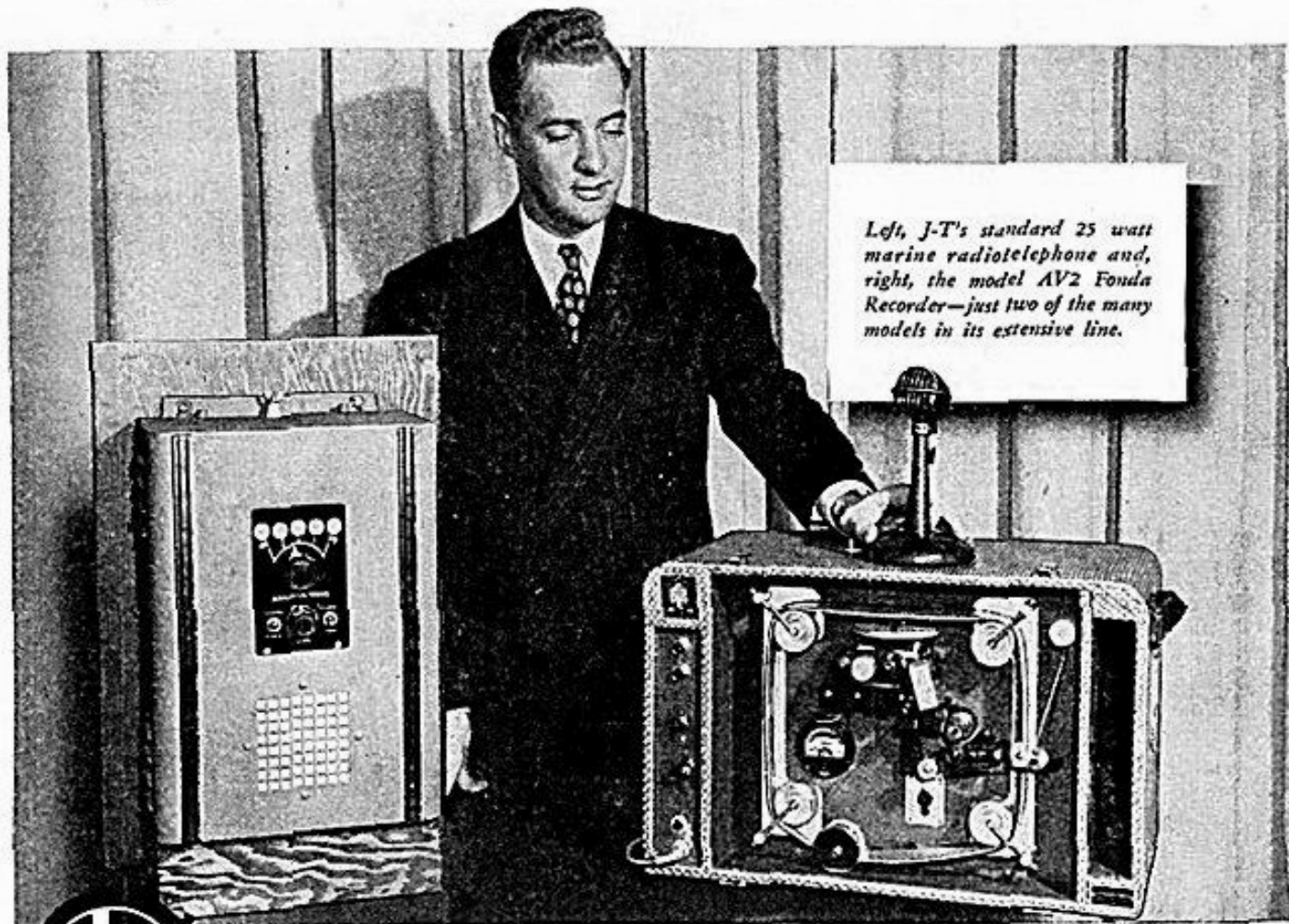
»These installations were built for long life, dependability, excellence of performance and designed to require a minimum of maintenance.

»Today, Jefferson-Travis is ready to reveal a number of new models embodying many refinements as a result of wartime research and engineering techniques. As specialists in the development of radiotelephone communications

equipment for many purposes we are prepared to offer you the finest obtainable in this field.

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»Simply write or phone any J-T branch office for a complete set of descriptive literature on our latest communications and recorder equipment.



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Radio Communications Equipment

245 East 23rd Street, New York 10, N. Y.

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SOUND VIEW MARINE RADIO

The Standard of the Industry

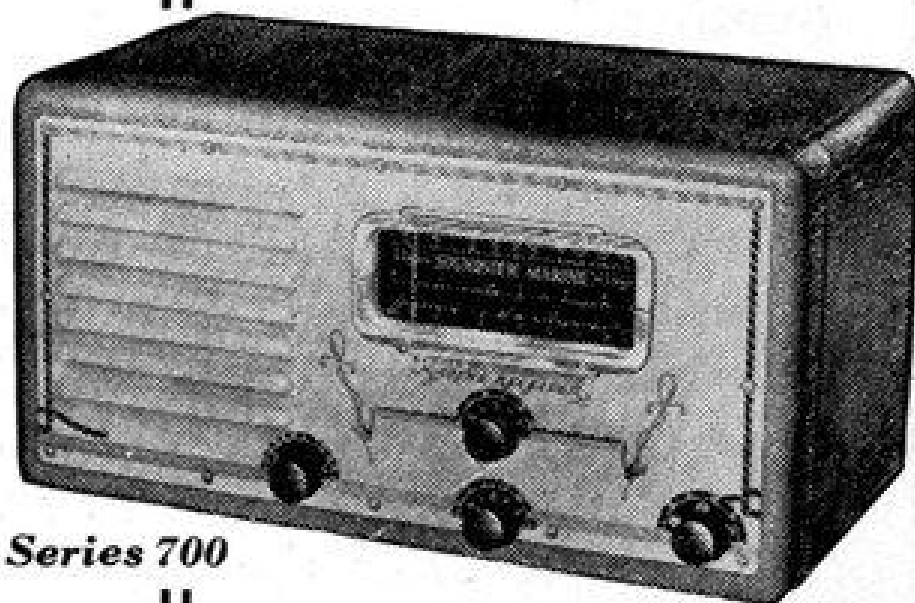
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12 MODELS
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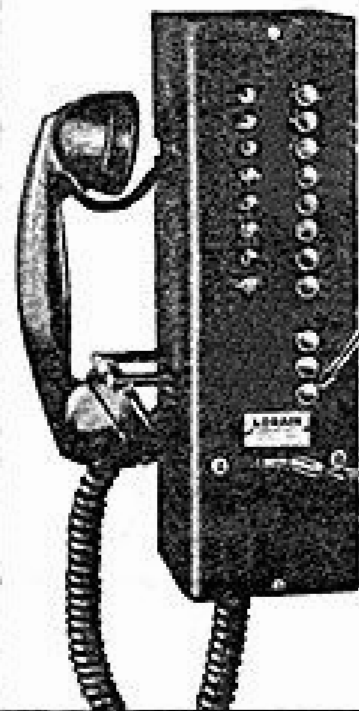
1775 Broadway **General Motors**
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LORAIN offers you

Now 15 Channels! **8 AM channels**
7 VHF channels

with these two Ship Radiotelephones

**Both operated from this
Control Unit**



VHF comes on
at 5 watts.
Push High Power
Button for
50 watts
of power.

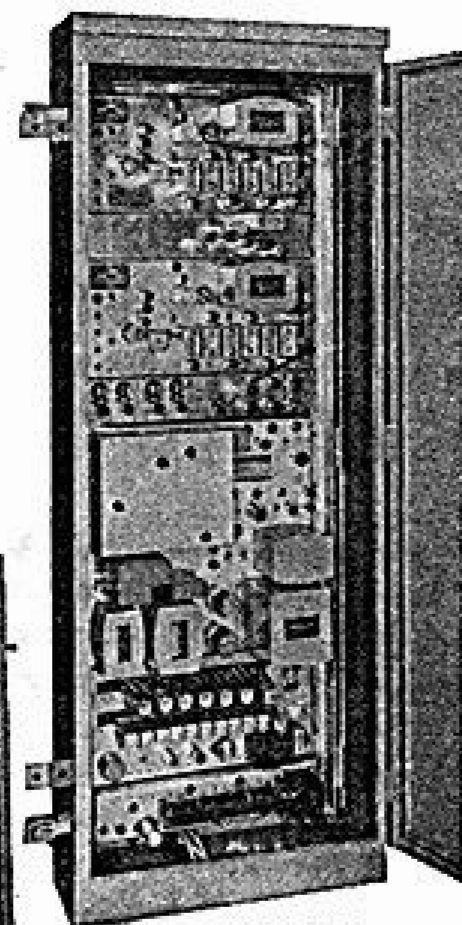
Selector key
allows same
control unit to
be used for
AM and VHF



LC100-8AM Radiotelephone
High cabinet also available.

**AM - 2 ship to ship channels -
6 ship to shore channels**

For Long Range Calls — The LC 100-8
has extra power, improved transmitter.
Newly designed receivers, separate loud-
speaker unit. Low cabinet and compact
control unit do not interfere with visi-
bility in wheelhouse.



MC-261 VHF
Radiotelephone

**VHF - 5 ship to ship channels -
2 ship to shore channels**

For Short Range Calls — The MC-261
provides static-free transmission up to
35 miles between ships, and up to 50
miles to shore stations. This new set is
used in conjunction with the Lorain
LC 100-8.

Telephone 56-251

THE LORAIN COUNTY RADIO CORPORATION

203 Ninth Street
Lorain, Ohio



Dirty Weather Friend

Dirty weather . . . that's the time you look to radio!

Now look at a revolutionary unit . . . powerful . . . compact . . . an **ALL-IN-ONE UNIT** . . . engineered by Mackay Radio.



This Mackay Radio Marine Unit provides solid power . . . straight as a deck seam . . . the sort that delivers under tough conditions:

Main transmitter, 300 Watts output.

H.F. Transmitter, 200 Watts output.

And Emergency Operation exceeding 50 watts output.

Standard throughout . . . the unit embraces ALL required features of radio communication equipment for merchant vessels **PLUS** a complete high frequency station which assures **DIRECT** communication day or night from anywhere on the seven seas. It's easy to incorporate in the designer's plan for he knows in advance the precise small area it will occupy . . .

Soundly engineered and built with fundamental **KNOW HOW** by a Company having over thirty years of specialized experience.

When you look to radio you look Mackay Radio. . . Write for details.

Mackay Radio and Telegraph Company, Inc.

San Francisco 5, Calif.



MARINE DIVISION—311 Eighth Avenue, New York 11

**A NEW
10-WATT**

RADIO TELEPHONE

***A Real Power-House
For Small Boats***

Carefully engineered—Marine construction — Reliable operation — Modern design. Certainly. But more than that, the model M-10W has been thoroughly tested "At Sea." Install the M-10W on your boat and talk 25 to 100 miles plus. Complete marine band coverage including Great Lakes Channel 60. Power drain on your 6 or 12 volt supply amazingly low.

\$295.00 *Less
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The World's Largest Producer
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Presents

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Leadership Line...*

*...featuring
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HANDSETS with all Radiotelephones at **NO EXTRA COST!**

- Provides better reception
- Clearer transmission
- Convenient as your own home telephone



BIMINI 40—40-WATT
Four-Channel Marine Radiotelephone

\$149.90 Basic set with
2182 KC crystals only.



\$199.90 Factory Pre-tuned package—
no licensed technician required.
Incl. — antenna, mount, and 3 pr. crystals.

CARIB 150
150 Watt Marine Radiotelephone
• 8 channels plus broadcast band



GULFSTREAM 150
150 Watt Marine Radiotelephone
• 8 channels plus broadcast band
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NEWPORT 120
120 Watt Marine Radiotelephone
• 8 channels plus broadcast band



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80 Watt Marine
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• 8 channels
plus broadcast band



CAPRI 550
50 Watt Marine
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• 5 channels plus broadcast band



NEPTUNE 60 Depth Sounder
Flasher Type 12 Volt
• Range: continuous to 60 ft.
and **NEPTUNE 120 Depth Sounder**
Flasher Type 12 Volt
• Range: continuous to 120 ft.



**DF 765 RADIO DIRECTION
FINDER** — 3 bands
• Covers marine, beacon
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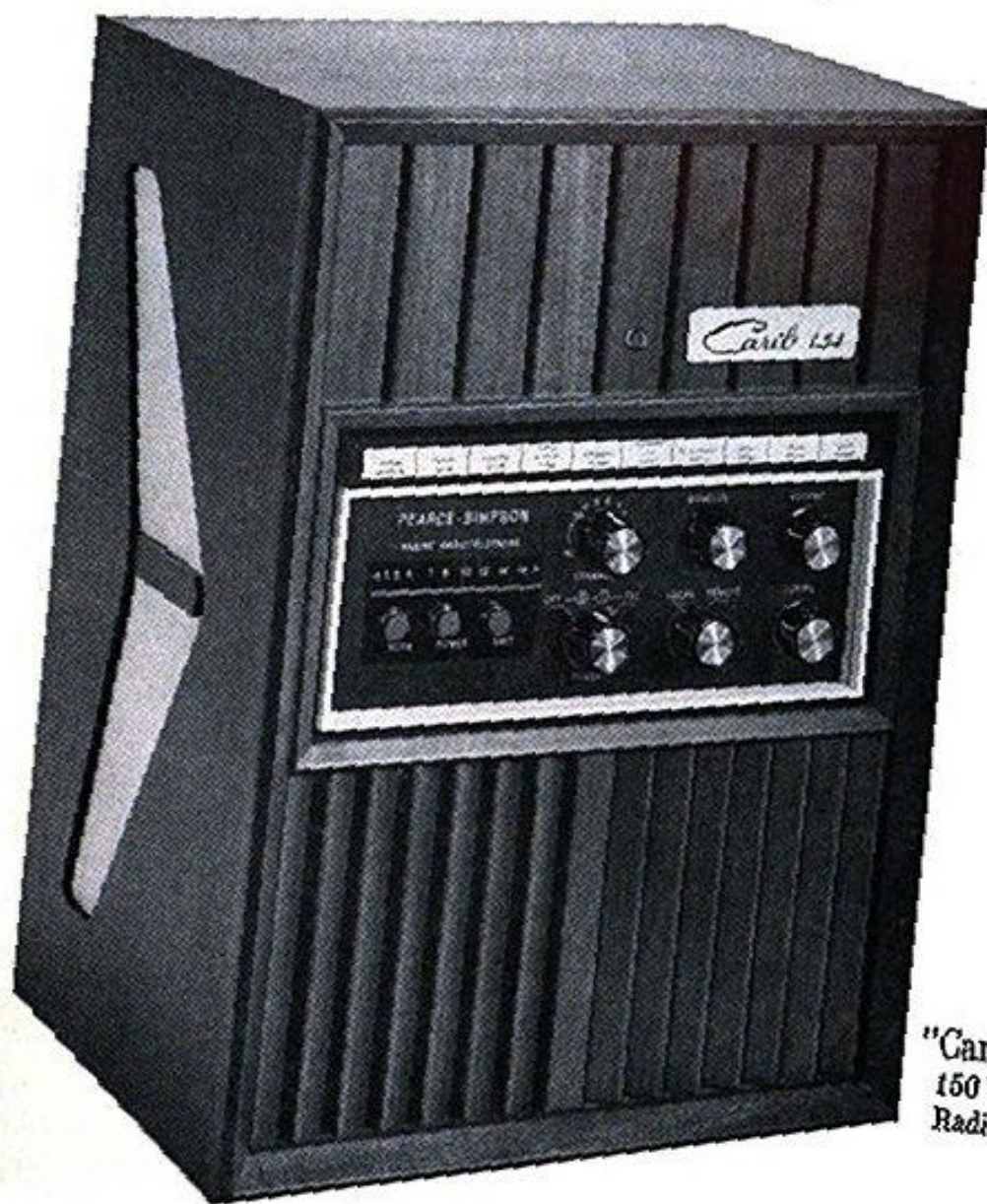
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"Carib 154"
150 Watt Marine
Radiotelephone

Sold and serviced only through carefully selected marine electronic dealer organizations with outstanding installation and technical facilities.

Write for the name of your nearest dealer and a 1964 full line color brochure.



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2-way SHIP-TO-SHORE RADIOTELEPHONE by RADIOMARINE



• This Radiomarine radiotelephone handles phone calls efficiently, quickly—gives years of dependable service. It saves added safety time, freedom from worry, savings in time and greater boating pleasure.

While making long offshore runs you can make and receive phone calls from any landline telephone in the country. Speak with your home, office or friends. You may phone direct to other boats equipped with a radiotelephone. You can contact the U. S. Coast Guard.

- ✓ For use aboard pleasure craft, sport boats, sport yachts, runabouts, yachts and small commercial vessels
- ✓ 30 watts power output
- ✓ 4 closed circuit channels
- ✓ Operates from either 12, 24, 28 or 32 volt d.c. power supply
- ✓ Compact Transmitter Receiver Power Unit—42 in. net cabinet

MODEL ET-8037

There's a Radiomarine Model
for every type of craft



MODEL ET-8036-A

10 watts, 8 channels. Operates from 8 or 12 volt battery power supply. Compact, easy to use for smaller pleasure boats.

MODEL AR-8703-A

Highly sensitive and selective radio directed receiver. Built-in speaker in location of greatest convenience.



MODEL ET-8037-B

15 watts, 16 channels. Operates from 12 or 24 volt d.c. power supply. Designed for sport and pleasure boats, yachts, runabouts and large pleasure craft.



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dear enemy... here we are!

dear enemy... here we are!

dear enemy... here we are!



Amazingly enough, shipboard radio receivers
"tattled" to enemy subs...

until the danger to ships and men brought forth the **Scott Marine Model Radio!**



SCOTT Marine Model LOW RADIATION RECEIVER

• The Scott SLR-12-A is for marine use exclusively and is available for shipboard installations under priority ratings.

Do you know why the Federal Communications Commission banned all shipboard entertainment radios? Because the instant they were turned on for listening they divulged the ship's position... much farther than the 10 or 15 miles most officers and men believed possible. Actually a receiving set rebroadcasts a signal detectable as much as 100 miles away by sensitive enemy direction-finders.

To eliminate this hazard, the Federal Communications Commission urged radio manufacturers to develop a *safe* radio for use at sea. In less than a month Scott engineers invented a special Marine Model that can't be detected 25 feet away—fully approved by the Federal Communications Commission!

The Scott Low-Radiation Receiver is the *only* radio that can be operated with complete safety on *both* the broadcast and shortwave bands essential to good reception far from land under difficult shipboard conditions. The SCOTT has become the toast of seamen and sailors wherever ships now sail. You'll soon find SCOTTS on tankers, on merchantmen, on American ships of every kind as fast as we can get them there... giving our men at sea the programs, the news from home, the relaxation they need and deserve, *in safety*.

E. H. SCOTT RADIO LABORATORIES, INC.
4450 Ravenswood Avenue, Chicago

SCOTT
FINE RADIO
RECEIVERS

The Sea-going Telephone connects your boat



with

HOME...

OFFICE...

OTHER BOATS... COAST GUARD



Compact transmitter and receiver on a common base—21" wide, 10" deep, 36" high. Both operate on any one of ten wave lengths. You select the station desired by simply turning indicating knobs on the front of the transmitter and receiver. Selective ringer eliminates the use of a loud speaker—a bell rings to call you to your telephone.

NOW you can have the same convenient telephone service at sea that you have ashore. Western Electric's new Marine Radio Telephone makes it possible.

Attractively priced, this new equipment is as easy to use as the telephone in your home or office.

It is ideal for off shore work where long range is wanted. For shorter range service there is smaller, lower powered equipment. Both provide dependable two-way communication with land stations at Boston, New York, Miami, Seattle, San Francisco and Los Angeles. Another station will be in operation shortly at Norfolk.

For full details of Marine Radio Telephone equipment—write to Western Electric Co., Commercial Dept., 195 Broadway, New York.

Telephone convenience puts to sea with
Western Electric



Standard Bell System hand set especially arranged to provide remote control from wheel house, owner's quarters or any other location. No "press to talk" button required.



New booklet giving full particulars of Marine Radio Telephone. Write Western Electric for your copy.

MARINE RADIO TELEPHONE EQUIPMENT



Commercial shipping on the high seas and inland waterways is now freed by radar from delays caused by bad weather,

RCA Radar — enables ships to see through

**fog
darkness
storms**

With shipboard radar, developed and produced by engineers of the Radio-Marine Corporation of America—a service of RCA—a pilot watches a viewing screen (similar to a television screen) that shows a large, clear, maplike picture of the area under observation.

With this radar picture he can safely pass through heavy fogs that would ordinarily force the most experienced pilots to anchor, sometimes for days at a time.

The same research at RCA Laboratories that contributed to the achievement of radar—is con-

stantly applied to all RCA products to keep them at the top in their fields. So when you buy an RCA Victor radio, television receiver, Victrola radio-phonograph, phonograph record or radio tube, you know you are getting one of the finest products of its kind science has achieved.

A cordial invitation is extended to you to visit the new RCA Exhibition Hall, 36 W. 49 St., Radio City, N.Y., open daily and Sunday—free admission.

Radio Corporation of America, RCA Building, Radio City, New York 20. Listen to the RCA Victor Show, Sundays, 2:00 P. M., Eastern Daylight Saving Time, over NBC.



A twelve-inch viewing screen reveals objects as close as 50 yards—or as far away as 50 miles! For further details, write to Radio-Marine Corporation of America, 75 Varick Street, New York, N. Y.



RADIO CORPORATION of AMERICA