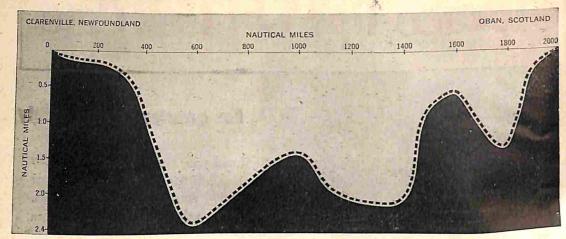
A TRIUMPH OF TELEPHONE TECHNOLOGY

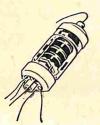


Contour of ocean bed where cable swiftly and clearly carries 36 conversations simultaneously. This is deep-sea part of system - a joint enterprise of the American Telephone and Telegraph Company, British Post Office and Canadian Overseas Telecommunications Corporation.

A great new telephone cable now links North America and Europe-the first transoceanic cable to carry voices.

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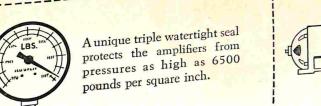


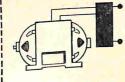
More than 300 electron tubes of unrivaled endurance operate continuously, energized by current sent from land.



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wider frequency band and efficient ways of

overcoming huge attenuation losses over its

more than 2000-mile span. The complex electronic apparatus must withstand the tremen-

dous pressures and stresses encountered on the

dous pressures and stresses entering or servic-ocean floor, far beyond adjustment or servic-

Here are a few of the key developments

POPULAR MECHANICS

Popular Mechanics Magazine

Volume 106

H. H. WINDSOR, Founder

H. H. WINDSOR, JR., Editor and Publisher

Number 5



Next Month

in those cabbages? They'll ANY BUGS in those cabbages? They in spon bite the dust from that duster. In this issue we present the first of three Here are a rew or the key development possible:

that made this unique achievement possible:

articles by top authorities on the farmer's natural enemies—weeds (page 165), inuary). Here's down-to-earth information for the farmer on the latest weapons in his arsenal. But there's fare for the town dweller, too: How to maintain a weed-free lawn, how to get rid of that stubborn stump, the finest mosquito repellent ever

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In This Issue ...

How Dangerous Is Fallout? -	-	-	-	-	9/
How Dangerous is runous.					106
1957 New-Car Parade		-	_		116
Christmas Shopping Center -	-	-	•	-	
Cilisinas Suspens	-	_	-	-	122
Detroit Listening Post			_	_	124
Giant Blowers Cool Cascade Tunne		-		_	
Keeping Up With the Atom -	-	-	-		126
	_ /	-	-		128
Ships of All Ages				2	134
Algae for Lunch			•	•	-
Here's How to Split a Giant Redwoo	d	-		-	138
Here's now to spin a Stant Route		_	_	_	142
Their Job Is to Guard Your Health	-	-	-	-	
Soviet Fleet Ranks No. 2	-		-		147
Soviet Fleet Ranks 145. 2	_	_			157
Obstacle Course for Trail Riders	-				165
Goal No. 1—The Weed-Free Farm	-		-	•	0.70000000000
Radio, TV and Electronics -					177
Radio, IV and Liectionics					

For the Craftsman ...

Knotty-Pine Hutch Cabinet			181
Decorate With Hardwood Plywood—Part II			185
Rristle Brush-Up	-		190
Solving Home Problems	-	-	194
Calibrate Your Enlarger	-	-	198
Crazy Jigsaw Block Puzzle	-	-	206
le Vour Wiring Adequate?—Part I		-	214
How Would You Do It With Your Drill Press?		-	230
Shopping for Tools		- 4	234
On the Market		=	236
See pages 90, 92 and 94			

for other items and manufacturers of available products

NOVEMBER 1956

