# Radio hams to mark anniversary

ST. JOHN'S, Nfld. (CP) — One of the milestones in history of communications will be observed here December 11, when Newfoundland and British radio operators co-operate in duplicating Marconi's reception of the first transatlantic wireless messsage 60 years ago.

Plans to mark the anniversary are being arranged by the Society of Newfoundland Radio Amateurs and the Radio Society of Great Britain.

A special radio station will be operated on Signal Hill, site of the original reception. The British society plans to set up a radio station at Poldhu, Cornwall, in the original building used by Marconi, and transmit the letter S to the station at Cabot Tower here.

Premier Smallwood of Newfoundland will officiate at this end of the operation.

The radio station here will be operated for a week by the Newfoundland society with the call letters VOLMSA. The British station will have the call letters GB3MSA.

As part of the ceremonies marking Marconi's accomplishment, special certificates will be sent to amateur radio operators around the world who have been reached by the Newfoundland Society.

# Welsh vote for Sunday liquor rights

LONDON (CP) — The people of Wales will decide soon whether intoxicating liquor—be it a gift from God or not—may be sold legally in pubs Sunday.

Each of the 13 counties and four county boroughs in Wales and the neighboring English county of Monmouthshire easily got the 500 signatures needed for a poll November 8 on a local-option basis.

The campaign has been heated and bitter but, surprisingly enough, many a Welshman who likes nothing better than a convivial drink of a Sunday afternoon is completely apathetic.

The reason is that there already are numerous watering holes available to him in the form of private clubs that legally dispense drinks on the Lord's day.

**LOSING BUSINESS**

Pub owners are in favor of Sunday opening, claiming that more drinking is done on Sunday than any other single day of the week and that they are losing this business.

The 2,600,000 population is catered to by some 1,350 clubs and membership extends to nearly 600,000—about 60 per cent of the adult male population.

Anyone of age can join a club for a fee, but he must wait 24 hours before he can buy a drink. The "wets" claim this is bad for the tourist business.

Leading the fight against the change is the Welsh Sunday Closing Act Union Campaign—an alliance of the Fellowship of the Lord's Day in Wales, the Temperance Council of Christian Churches in Wales and others.

The "wets" have rallied behind the banner of the Sunday Opening Council for Wales.

**GIFT FROM GOD**

Rev. Edwin Morris, Anglican Bishop of Wales, recently added spark to the battle with his statement that "alcohol is a gift from God."

The archbishop, in his book "The Christian Use of Alcoholic Beverages," said:

"The main biblical evidence, and particularly the reference to teaching of our Lord, requires the positive view that alcoholic beverages are a gift from God. Otherwise I do not see how men could have offered wine in religious worship and in particular how our Lord could have instituted it as a means of holy communion with himself."

Rev. Maldwyn L. Edwards, president of the Methodist conference, retorted that the archbishop's statement did not represent the sentiments of Christian people in South Wales. The archbishop was "speaking for himself."

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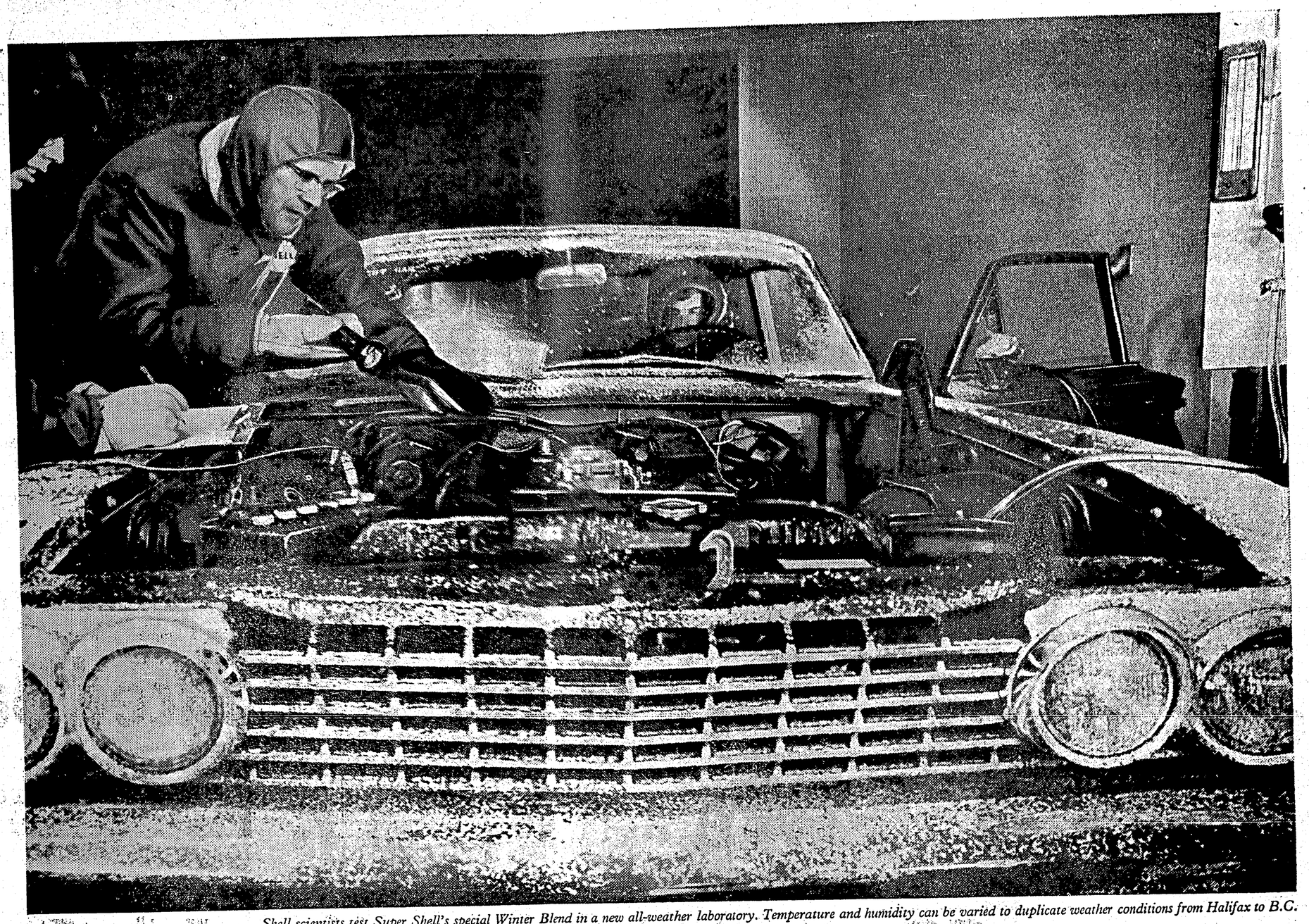

*Shell scientists test Super Shell's special Winter Blend in a new all-weather laboratory. Temperature and humidity can be varied to duplicate weather conditions from Halifax to B.C.*


# B.C. WINTER BLEND

## Shell scientists adjust three of Super Shell's nine ingredients to create a special winter formula for top performance in damp West Coast weather

Shell stations are now pumping a blend of Super Shell's nine ingredients especially formulated to give you faster starts and quicker warm-ups on cold mornings. The dosage of two ingredients (butane and mixed pentanes) has increased. A third ingredient is added to cut stalling caused by carburetor frosting*. Read how Super Shell's B.C. Winter Blend helps make cold weather driving more pleasant.

A GASOLINE that gives you top performance in summer can make your car difficult to start and balky to drive when the temperature drops.

Tests in Shell's new winter laboratory prove it—at temperatures from forty above to forty below zero—and in man made sleet, fog, snow. That is why, this October, Shell scientists have altered the formula of Super Shell to create a special mix for low temperatures and high humidity—a *B.C. Winter Blend.*

Here is how three of the nine ingredients in Super Shell have been adjusted to create a Winter Blend for West Coast weather conditions:

### 1. Carburetor defroster added to prevent stalling on chill, damp days

It's a surprising fact that your carburetor can frost up even when the temperature is a mild 45°. Carburetor frosting happens most often on chilly, wettish days when there's a lot of moisture in the air.

Here's why: Your carburetor gulps great breaths of air to mix with gasoline—actually 14 parts of air to one part fuel vapor.

As gasoline vaporizes a curious thing happens. *It pulls heat out of the air.* The inside of your carburetor is soon as cold as your refrigerator. The moisture in the air freezes and clings to the metal carburetor walls like the frost that forms in your refrigerator.

Under normal running conditions you won't be aware of the frost, but when you close the throttle, e.g. at a red light, it can choke off the air supply and your engine stalls. The anti-froster in Super Shell fights this maddening phenomenon by coating carburetor walls so that ice can't stick to them. This drastically reduces your chances of an icing stall whenever the temperature drops to 45° or lower.

### 2. Butane content increased to give you quick starts

If you have trouble starting your car in cold weather it may be that your gasoline is not vaporizing as promptly as it should. Until it starts to vaporize and mix with the air in your carburetor, gasoline has a hard time "firing" your engine.

Shell scientists fight this problem with an extra dose of *butane.* Butane is highly volatile—which means that it changes easily from a liquid to a vapor. The change is the same sort of thing that happens when water boils and turns into steam. Butane actually boils and vaporizes at 31.1°F.—lower than the temperature inside your refrigerator. It is so eager to get going Shell has to store it under pressure until it is tamed by mixing with other ingredients.

This remarkable ingredient increases the volatility of Super Shell dramatically. Fires your engine in a hurry. Takes a strain off your battery—and also off your patience.

### 3. A bigger dose of mixed pentanes for fast warm-ups on cold days

Starting is just part of the story. Cold engines struggle and sputter annoyingly until they warm up. This wastes gasoline.

That is why Shell scientists increase the dose of *mixed pentanes* in Super Shell's B.C. Winter Blend—to speed up the delivery of heat to your engine. Shell makes mixed pentanes by subjecting petroleum to terrific heat, transforming heavier hydrocarbons into lighter, quick-burning molecules. Blended into Super Shell, these quick-burning molecules work much like kindling in a log fire. They ignite easily and everything gets going quickly. Your engine warms up faster, gets over that hesitant, balky feeling in a hurry.

### Fill up with special B.C. Winter Blend

Make sure you're ready for winter driving with a tankful of Super Shell's B.C. Winter Blend.

Its nine-ingredient formula is adjusted to help make the difference between balky, sputtering performance and a fast, smooth getaway. Don't forget all the other ingredients in today's Super Shell (See box). They're working every day you drive, every season of the year, to give you *top performance.*

*Carburetor frosting (sometimes called "carburetor icing," or simply "cold stalling"), should not be confused with gas line freezing. Carburetor frosting occurs in chilly, damp weather. It does *not* occur in cold, dry weather. When the mercury dips to 10° or below, carburetor frosting is no longer a problem, but *gas line freezing* can occur. Water condensing in your car's fuel tank freezes in the gas line. This stops the flow of gasoline and you are stalled. The best insurance against gas line freezing is a can of gas line anti-freeze added at your Shell service station. Never let your tank get below half full—the less air, the less moisture there is to condense.

**The 9 ingredients in Super Shell and what they do to give your car top performance**

#1 is TCP† for power, mileage, and longer plug life.

#2 is mixed pentanes for fast warm-ups.

#3 is anti-knock mix to resist all kinds of knock.

#4 is gum preventive to keep carburetors clean inside.

#5 is butane for quick starts on cold mornings.

#6 is "cat-cracked" gasoline—for extra power.

#7 is a carburetor defroster (added in cold weather.)

#8 is heavy alkanes to help control "high-speed knock."

#9 is Platformate for extra mileage.

†SHELL'S TRADEMARK FOR THIS UNIQUE GASOLINE ADDITIVE DEVELOPED BY SHELL RESEARCH, PATENTED 1955.

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