THE OLD FROG

STORY

# Engineering In The Services

## With The Signal Corps

#### Do you have the same ideas about the Sign, or the Royal Canadian signals, to give them their correct title, as do most people? Are you or Engineers, as the Corps is most one of the many whe figure that the frequently known, have no particu-Sigs consists only of: (1) a bruch lar battle flags which are proudly of madrien who rear around on displayed with appropriate cere-meter bikes as Hispatch Riders; mony. Instead every Engineer car-(21 some poor chaps who lay tele- ries the word "UBIQUL" wherever

wall and the front wall are sets of upon to do almost any kind or lob shelves, with what looks to us like under any condition. No matter five or six very complicated radio what is needed, the Engineers have sets on each shelf. The Cul. informs always come through with some sets on each shelf. The Cul. informs always come through with some sets on each shelf. The Cul. informs always come through with some sets on each shelf. The Cul. informs always come through with some sets on each shelf. The Cul. informs always come through with some statements and the fine alreaft, that has not been prosited that has not been prosited force must be resisted by some other material such as steel, we determine the same through with the armourers, after loading in checking all the release and the fine alreaft, that has not been prosited force must be resisted by some other material such as steel, we determine the same through with some sets on each shelf. The Cul. informs always come through with some statement of the same through with some sets on each shelf. The Cul. informs always come through with some statement of the same through with same through with some statement of the same through with sam the linemen to build, to enable long all troops, Demolitions, Sanitation sible for the correct operation lirtance telephone communication and many more too numerous to all electric power equipment in the

attached to them. This is where all telephone lines coming to the HQ are terminated. At the back, we are shown a table with numerous types of testion apparatus on it, who was over there corriving around is operated by an Electric motor, 2 types of testion apparatus on it, who was over there corriving around is operated by an Electric motor, 2 types of testion apparatus on it, who was over there corriving around is operated by an Electric motor, 2 types of testion apparatus on it. HQ are terminated. At the back, we are shown a table with numerous instead as important a job as his pal just as importan

Officer. His job is to see that all the compartment of the back compartment of works on the same principle as a Sigs. Wo're also told that at one telephone exchange with the exception that all communications are every large city, within hundreds written instead of spoken. The of miles, were run by Signal perturbed the first all communications are every large city, within hundreds written instead of spoken. The of miles, were run by Signal perturbed the first and their equipment. Within the next few minutes we're shown in the next few minutes we're shown ment and Technical personnel, we in the next few minutes we're shown ment and Technical personnel, we in the next few minutes we're shown ment and Technical personnel, we in the next few minutes we're shown in the next few minutes an inert atmosphere in maintains an inert at Cpl. then leads us over to see a line of a chance. The Auto-order at this enormous array of equipment with a control of a chance. The Auto-out at this enormous array of equipment with ground crew trades are replaced in the next few minutes we're shown many different types of cable and figure that maybe there is some figure that the instrument Menalty and told of their various uses and told of their various uses. Engineering done in the Signal with a control of a chance. The Auto-out at this enormous array of equipment with a control of a chance. The Auto-out at this enormous array of equipment was made with a 2" sheet. All ground crew trades are reptacled that the instrument Menalty and the control of a chance. The Auto-out at this enormous array of equipment with a chance is being maintained.

All ground crew trades are reptacled that the instrument Menalty and told of their various uses are on hand in case of lost minute with prestressed concrete and only in the case is being maintained.

All ground crew trades are reptacled that the instrument Menalty and the control of the cont wive, and told of their various uses for nateground, overhead and name of the corps. Would we like to see soric truck which digs the telephone post holes, and an exact duplicate of the Commercial Construction trucks found in Canada, which trucks found in Canada, which erect the poles and tights the poles are poles and tights the poles and tights the poles and tights the poles are poles and tights the poles and tights the poles are poles and tights the poles and tights the poles are poles and tights the poles. The tight the poles are poles in the poles are poles in the poles and tight the convent.

The clock shows 1100 hours, and the poles that the pole and tight the poles are poles in the poles. The poles are poles in the poles are poles in the poles and tight the poles. The poles are poles and tight the poles are poles and tight the poles. The poles are poles and tight the poles are poles and tight the poles are poles and tight the poles. The poles are poles are poles and tight the poles are poles and tight the poles. The poles erect the poles and tighten the ing a line through for the Eriga-overhead wires by means of a dier: "Go head Brig, it's your winch. Our last calling place at mickel!"

#### NORTH AMERICAN LIFE A MUTUAL COMPANY

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among the most dangerous, and pers.

workly of the most praise; but the In addition to being support toriors, are the boys of 'Maintentake a look at a Sigs Centre at lery was first brought into use checking the flying controls, the Army EQ in the field; perhaps we many years ago it was used by undercarriage, and the kite in gencan get a Sigs Officer to show us troops who were under the comaround, or letter still, a Cpl; they mend of the Royal Engineers of the have more cult. As space is limited British Army. Similarly, during tryside into a veritable boiler factory wall just look at the Line part of the First World War, the first flying was done under the direction of their radio se's and the Intercom.

van mounted on it. We enter the side door of this beehive of industry was formed into a separate Corps. and find ourselves looking at a make of equipment. On one side make of equipment. On one side wall and the front wall are sets of wall and the

ning record of the state of each air-

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#### VACUMATIC PRESTRESSED CONCRETE

# Royal Canadian The early morning surbrough the industrial haze near strough the woods near the woods near the form of the finished material but a new and radical method of mixing new and radical method

phone crois in the midst of the front line, from little reels slarg over their shoulders; (3) a few fellows with those screwy "Walkie Talkie" page and haps (4) those bird fanciers who haps (4) those bird fanciers who haps (4) those bird fanciers who haps (5) the countlet of wor carrying that the mode to the beautiful princes, said to the beautiful princes, don't be countled to the dody; that is that an operation will frog said to the beautiful princess, don't be countled in cambination the forms after setting.

Under normal conditions 26 inches of vacuum are used and the forms after setting.

Under normal conditions 26 inches of vacuum are used and the forms after so for payed streets are left on for only ten minutes, and paths and handsome latest gadgets that the Back Room prince, who was bewitched by an may be moved to a storage pile for one carrying that the called.

Under normal conditions 26 inches of vacuum are used and the from wor the forms after setting.

Under normal conditions 26 inches of vacuum are used and the forms after setting.

Under normal conditions 26 inches of vacuum are used and the forms after setting.

I would be a called.

I was princed at the called of the page are of the called of the page are of the called of the forms after setting.

I would be a called of the forms after setting and the called of the page are of the called of th train their poor little pigeons to associated with the Engineers ever train their poor little pigeons to a certain degrees. The Signal corps does jobs like that and the first three listed above are certainly and particular type of demolition as certain degrees. The Signal charge which, called a 'Sap', was corps does jobs like that and the first three listed above are certainly pers.

| Associated with the Engineers ever agree that the 'Back Room and a few that evidently were conceived during nightmane attacks. Swarming over the black and charge which, called a 'Sap', was come the mest dangerous, and pers.

| Associated with the Engineers ever agree that the 'Back Room and handsome before being ship-ring, who was bewitched by an evil scores into the frog you see before you. To break the fright-scived during nightmane attacks. Swarming over the black and charge which, called a 'Sap', was carrying and a few that evidently were conceived during nightmane attacks. Swarming over the black and charge which, called a 'Sap', was carrying and a few that evidently were conceived during nightmane attacks. Swarming over the black and charge which, called a 'Sap', was carrying and a few that evidently were conceived during nightmane attacks. Swarming over the black and charge which, called a 'Sap', was carrying and a few that evidently were conceived during nightmane attacks. Swarming over the black and full spell, all you have to do is take me home with you and put me on charge the listed above are certainly and the conceived during nightmane attacks. Swarming over the black and the conceived during nightmane attacks. Wall sections are carrying and a few that evidently were conceived during nightmane attacks. Wall sections after 30 minutes precast sections

Corps does a lot more too, in locatroops, it seems to be the Engineers and the very short lighted as could be, and hurried lighted as could be an accordance with light lighted as could be a light Just imagine how surprised the present housing situation. It have. beautiful princess was when she has been used in the Southern awoke very early the next morning States in the erection of one storey to find a tall, dark and handsome prince close by her side.

A 7 inch channel section carried a load of 60 lbs. per sq. ft, with a oneexplaining that frog story to her half inch deflection on a span of 32

we'll just fook at the lane part of the Communications set-up.

The first item the Col. shows us in what he calls a Terminal Equipment What is now known as the Koyal Capadian Corps of Signals wheel truck with an enormous dian Engineers during the war of the Royal Canamals was a part of the Royal ency towards springiness in long Concrete alone is reliable as a seem to be blessed with the responsement to be blessed with the responsement of the stress causes compression in the

rinters to be worked simultaneous.

No account of the Royal Canadian lighting circuits, the Electric Bomb bowsers are rolling, topping up the stressing, one is by a special anchortants. There are also, extensive after a nother. There are two methods of pre-bowsers are rolling, topping up the stressing, one is by a special anchortant tanks to the specified amount. There are also, extensive after a nother. There are two methods of pre-bowsers are rolling, topping up the stressing, one is by a special anchortant tanks to the specified amount. There are also, extensive and the bowsers are rolling, topping up the stressing one is by a special anchortant tanks to the specified amount. There are also, extensive and the bowsers are rolling, topping up the stressing one is by a special anchortant tanks to the specified amount. There are also, extensive and the bowsers are rolling, topping up the stressing of the specified amount. There are also, extensive and the bowsers are rolling, topping up the stressing of the specified amount. The specified amount are stressing of the specified amount. The specified amount are stressing of the specified amount are stressing of the specified amount. The specified amount are stressing of the specified amount are stressing of the specified amount. The specified amount are stressing of the specified amount a befuddled, we turn our eyes away out mentioning the Engineer Server trees machines with the liftle and agreed and green lights binking, and walls over to the other side of the truck where we see accress of iron and maintenance of all truck where we see accress of wires frames with handreds of wires frames Time is fleeting. Most of the to breaking it can be easily replaced. ground crew have managed a quick which is not the case with convent-visit to the mess hall, and the Air ional reinforcing which has its Crew, after their operational meal maximum stress while carrying

trees of testing apparatus on it, who was over there carrying around the film is kept at a moustain in the film in the film is kept at a moustain in the film is kept at a moustain in the film in the film is kept at a moustain in the film is kept at a moustain in the film is kept at a moustain in the film in the film in the film in the film is kept at a moustain in the film in t

The Padres are pedding their beam to the pilot. Throtties are be used for a 90 foot span. By craft, and gives his reply in seconds, reading off the designating letters of the kites which will make the trip. Like wild-fire, the 'gen' corrected over the entire station.

The time and intermittent open advanced, there is a terrific roar as increase the lengths of spans by thoucands or horse power thrash the increase the lengths of spans by thoucands or horse power thrash the increase the lengths of spans by thoucands or horse power thrash the increase the lengths of spans by thoucands or horse power thrash the increase the lengths of spans by thoucands or horse power thrash the increase the lengths of spans by thoucands or horse power thrash the increase the lengths of spans by thoucands or horse power thrash the increase the lengths of spans by thoucands or horse power thrash the increase the lengths of spans by thoucands or horse power thrash the increase the lengths of spans by thoucands or horse power thrash the increase the lengths of spans by thoucands or horse power thrash the increase the lengths of spans by thoucands or horse power thrash the increase the lengths of spans and it has an appreciable air, paw the ground, eager for the lengths of spans and it has an appreciable air, paw the ground, eager for the lengths of spans and it has an appreciable air, paw the ground, eager for the lengths of spans are lengths. corrects over the entire station.

The flight boys, the fellows doing those D. I.'s, have just about the caravan to the leading those D. I.'s, have just about the caravan to the leading the giart with king size load moves. Ing those D. I.'s, have just about finished their inspections, and are probably concentrating on rectifying some evasive leak in a vacuum after and if you had anything to line or sharing down the cause of say, you better have said it, for no place on the support and the point of failure prestressed concerns will carry no more load down the runway with ever increased concerns will carry no more load down the cause of say, you better have said it, for no place on the support and this present and if you had anything to distribute the cause of say, you better have said it, for no place on the support of failure prestressed concerns will carry no more load down the cause of say, you better have said it, for no place on the support of failure prestressed concerns with carry no more load down the cause of say, you better have said it, for no place on the support of failure prestressed concerns will carry no more load down the cause of say, you better have said it, for no place on the support of failure prestressed concerns will carry no more load to the support of failure prestressed concerns and are load to the support of failure prestressed concerns and are load to the support of failure prestressed concerns and are load to the support of failure prestressed concerns and the support of failure prestressed conc

ing some evesive leak in a vacuum say, you better have said it, for no line, or chasing down the cause of say, you better have said it, for no one will hear you now.

The big bomb doors swing closed, flaps are adjusted for the take-off and the first Lanc, swings into position on the runway. The plict, beauty disappears over the horizon, the ground crews sition on the runway. The plict, beauty disappears over the horizon, the ground crews sition on the runway. The plict, beauty disappears over the horizon, the ground crews sition on the runway. The plict, beauty disappears over the horizon, the ground crews on, sits tensed in his position, look-billets.

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HEAR FIRST OF THREE

## **Bull Sitting**

### By So Solly

ratio too high ..... never hear of Seniors ..... all die or just too old six more weeks then murder Dear Snoop -

in Cameron again .. .. .. Bye for now .. See you next year .... we Co-ed Week.

## reet, but there is sometimes a tend-

"Beg pardon, but aren't you one of the college boys?" "Naw--I couldn't find my susenders this morning, my rezor blades were used up, and a bus just rar over my hat "
"Drink Canada Dry?" screamed the billboard. northbound flivver.

First father: My boy is doing won. ing equipment required.

"No, to a rental agent."

Salion: "Going my way, babe?"
Radeliffe Girl: "My desr sit, I'll ave you to know that a public layer you to know that you to have you to know that you have you to know that you have you to know that you have you to have y ave you to know that a public

a strange girl who lives at Barnard Daughter: My boy Iriend will not atheist and pelieves there is

Mother: Make him marry you laughter and we'll soon change his (Soft voice on hotel phone), Clerk there's a rat in my room

Salesgirl, showing linguise to an enquirer: "This is the only place you can touch these for anything



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CROWLEY'S CONFECTIONERY, PIPES

# Off The Antenna

This is your annual friend, Waikie Talkie to let you in on a bit of nampus scandal. We wouldn't even let that old bugger Snoop in this tie and his own woman. Marysville stock I believe.

The Engineers ro seldom make this RESERVED column, we might mention a few while we have a chance. Oh yes - have you heard the Nurses' Residence is now besoming the popular place to spend spare evening (till 10.30 P. M. at least that's what the rule book says). Bill Crowley, Kon Fenvick, Hugh Seely, Will Baldwin, Stan Gost, Aedy Flemming, (Alax, Coll.) and several others are among the outprits.

For the benefit of your readers, and my girl friends I wish to state proofers good job last week that I did not write that letter that appeared in your column last week. 196% proof did the job .... Some jealous, would be lover is obviously trying to ruin my irreputable wall sections are test not trusted as could be, and hurried ighted as could be ighted as could you'll laugh on the other side of that pan of yours comes the said test

Now that letter just gives you an idea of what that Snoop is always Now that letter just gives you an idea of what that Shoop is always doing—nessing up people's lives, that's what.

Well, I must be leaving now butil'll be back next year. In the mean time—get set for Co-ed week and watch your step.

See you at Chez Prosh Saturday nito. I'll be hiding behind the floor

Shoopingly yours,

## Is Your Boarding House Warm?

## Because of the wartime scarcity | ter itself thus utilizing the lower "And how!" drifted back from a of fuels and new heating equipment portion of the wall as a radiating

many a home-owner was forced to area. Of course the wall must be -PELICAN shiver, shut off some rooms or in- heavily insulated in this type of in-

"Oh, do you want me to direct you an employment ageacy?"

new products take time to develop, the heat out at of the first be perfected and be accorded by the

cillings and hot-water or warm is inconvenience and air is circulated through them. This greater space requirements and los is known as radiant heating. The of basement headroom. New development headroom. theory of radiant heating is that the neated area acts as a large radia-tor, thus eliminating all visible heat—with gas and oil fuels providing

radiant heating the temperature the continuous or pract of the hard does not vary more than a few degrees from floor to reiling and that veniences. control is very simple.

Radiant heating is especially with many other recent developadaptable to installation in base ments in modern heating methods, ment or other floors placed direct provide a bright outlook for the fuly on the ground. There are many ture of the householder, many of and they consist asually of a con-

crete masonry slab in which pipes successful task are embedded. Het water is circuiated through these pipes and the entire stat is warmed. Several installations use hollow the under the concrete stab and warm air is circulated through the hollow spaces | If we don't they say we are too se of the tile. A more promising area for use as

perature of the heating medium used is greater. Either bot air ducts or is filled with junk, hot water pipes may be suspended Now, like as not, om the joists in this type of in-say we swiped this from some allation.

poard radiator, hollow cast iron or opper baseboards are installed in lace of the wood baseboards along riments have shown a floor-togrees F. and floor temperatures were found to be higher, this may be a solution to the cold floor prob The plaster and plaster base should be in contact with the base card to conduct heat into the plas-

E. DAISY SMITH LADIES' READY-TO. 15 Regent St., Fraderictor

## Ross-Drug-United Two Stores

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Welcome Hillmen

The Princess Grill Queen St.

# by Walkie - Talkie

Brunswickan. What's the matter with that old reprobate, why doesn't he get some variety in his column—same old people, week after week—same old rot—a veritable family compact in fact. Doesn't Snoop know that there are 900 students on this campus—lots of variety to pick from —but ch no we must stick to our own little group—the elites you know. By the way-wonder of all wonders J. B. M. B. at a dance with a shirt, -Ail the boys chasing the young stuff last weekend - Dangerous

phenominal occasion—there is a of the ratio) she saw—now what do certain keepness to be noticed throughout the station, as everyone is quite certain that we will be 'On' is the best an operation will green lily-pad. And the handsome is quite certain that we will be 'On' pointed read sitting on a great big ions to the vacuum pump, these said no ..... (plug Beavers) ..... Baldwin and oh yes the Connecticut gals, looking more charming than said to the handsome tend to hold theforms in place, relationst that an operation will green lily-pad. And the handsome tend to hold theforms in place, relationst that an operation will green lily-pad. And the handsome tend to hold theforms in place, relationst that an operation will green lily-pad. And the handsome tend to hold theforms in place, relationst that an operation will green lily-pad. And the handsome tend to hold the handsome tend to hold the profess heavily that is that an operation will green lily-pad. And the handsome tend to hold the profess heavily that is that an operation will green lily-pad.

Oh, my my what's this my secret agent just brought in-a letter to Snoop. He stole it from the mailman. Would you like to hear it- Q. K.

Belligarently, GEC. GARLAND.

The Electrical and interest the stress of the purpose to talk at one and negative propose to talk at the release and the sale of the sale of the stress in the concrete so that when the armourers, after load propose to talk at the release and the sale of the sale of the stress in the concrete so that when the armourers, after load and negative, shut the release and the sale of the sale of

nessful installations of this type whom pow find the heating of their

If we clip things from other newsheated surface in radiant heating papers they say we are too azy to Girdle: An elastic supplement is the welling, generally light in write them curselves. If we don't print contributions. its response to change in the tem we don't appreciate true genius.

"What makes people walk in their

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