

Monthly Bulletin



The Instrument Society of America SARNIA SECTION

has as its objective the advancement of the arts and sciences associated with the theory, design, and use of measuring and control instruments in the various industries in the Sarnia area.

The immediate benefits derived by the Sarnia members include a monthly meeting at which a qualified speaker discusses an instrument subject, after which members fraternize with other instrument men and interchange ideas and news at a social hour, a subscription to the "I.S.A. JOURNAL", a subscription to the Sarnia Section "BULLETIN", access to all technical data, servicing techniques and stondardization policies developed by the Notional Committees of the ISA and an annual school for mechanics and technicians.

As a member of the National body of the Instrument Society of America, a rapidly growing and influential technical society, the member partakes indirectly in the progress of instrumentation made possible by the work of the various National Committees.

Executive Officers for the 1954-55 season are:

Honorary President H. R. HOLLAND,

Tech. Supt. I. O. L.

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Imperial Oil Limited

Vice-President LARRY HALL

Sun Oil Co. Limited

Secretary BOB BRAYNE

Cabot Carbon of Canada Limited

Treasurer RON ASSELSTINE

Canadian Oil Refineries Ltd.

Meetings are held on the fourth Monday of each month from September to May inclusive at 8.00 P.M. The meetings are held at the Sarnia Y.M.-Y.W.C.A. unless otherwise announced.

Anyone earning his livelihood through the manufacture or use of instruments and who is acceptable to the executive body may become a member of the Sarnia Section, I.S.A. Dues are \$12.00 per annum. Associate Members are those who are associated with instruments but who do not earn their livelihood directly from them, such as stationary engineers, process operators, etc. Their dues are \$7.50 per annum.

Correspondence relating to the general activities of the Sarnia Section should be addressed to the Secretary, Mr. R. F. Brayne, R. R. No. 1, Mooretown, Ontario. Dues should be made payable to the Sarnia Section, Instrument Society of America and sent to the Treasurer, Mr. R. Asselstine, 891 Burr Street, Sarnia, Ontario.

Correspondence concerning programs should be sent to the Program Chairman, Mr. H. Kohlmeier, 35:2 Stuart Street, Samia, Ontario.

Copy for "THE BULLETIN" should be sent to the Managing Editor, Mr. L. J. Hall, 730 Talfourd Street, Sarnia, Ontario.

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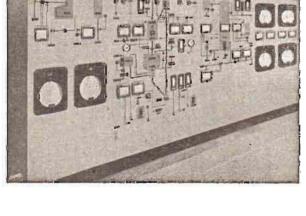
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The "BULLETIN"

VOLUME 4 No. 7 March 1955

Managing Editor: Larry Hall

Illustrator: N. Knowles "Written on a Roll Chart": H. Hobbs

Polymer Reporter: Tony Plazek I.O.L. Reporter: Joe Woodcock

Canadian Oil Reporter: Fred Croft Dow Reporter: John Almey

THE FEBRUARY MEETING

Something different in the way of ISA meetings was the February meeting of the Sarnia Section at the "Y" on Monday, February 28. Mr. Carl Ritter, Development Engineer of the Taylor Instrument Companies, of Rochester, N.Y., outlined some of his experience in starting up a new oil refinery in Saudi Arabia.

The talk was in the nature of a Travelogue and was profusely illustrated with colored slides which Mr. Ritter took himself. These were arranged in the order of the trip, starting out with Idlewild airport in New York, continuing with views from the air on the way, with stops in Ireland, Paris and Italy.

The description of the customs of the natives in Saudi, Arabia was most interesting and also quite amusing. A picture of the control panel in one of the units showed little piles of sand on the fronts of some of the controllers. The speaker explained that an elaborate air conditioning system to keep the control room clean and cool was entirely ignored by the natives who turned off the fan and threw both

doors wide open so that the full sweep of the hot, dusty desert wind was felt. This had the effect of sandblasting the paint off the brand new panelboard as well as making it most difficult to keep the delicate instruments operating effectively.

Naturally, this sort of operating procedure proves wasteful but the Arabian desert seems to cover an almost limitless supply of oil and gas and it appears as if waste cap actually be afforded. Vast quantities of gas are burned off in flares which can be seen 70 miles away at night and this gas is even used to run turbines on its way to the flare because of its high pressure. The oil comes out of the around at about 1500 psi and does not have to be pumped to the refinery. stead it is passed through a series of vessels where the pressure is reduced stepwise to the point where fractionation can be started.

Water is, of course, the scarcest commodity, and is brought up from 700 foot deep wells for utility uses but not for drinking. Drinking water is all distilled. Mr. Ritter showed

slides of swimming pools built for the oil employees — the American ones, that is—and explained that in one the water was actually cooled by refrigeration to the point where it was bearable. Otherwise the water temperature often rose to 95 degrees or even more.

Our president, Jack Heatley, joined in the following discussion period and told of some of his amusing experiences while he was in the same country in 1940. At that time the going was rougher for the westerners than it is at the present. His description of the 1940 Arabia contrasted quite sharply with the 1954 version and showed how things are improving far everyone. Jack said that when he was there, it was necessary to run the refinery only at night because the heat of the day turned normally light hydrocarbon liquids to gases. He told of an incident where his crude to the unit kept

shutting down. Upon investigation, it was found that the shut-off valves had been mysteriously This happened several closed. times until the culprit was caught. It seems that the native was aoina to school and had been taught how to open and close a valve. Proud of his newly found knowledge, he kept demonstrating this to his friends on the way to work by closing the crude line valves and leaving them Jack didn't say, but it appeared that the student hadn't learned lesson number two --- how to open a valve.

The speaker was thanked by Fred Croft and refreshments were served during which the stories went on. While the meeting wasn't a typical one, it was a refreshing change and was enjoyed by most of the members there.

P.S. See Howard Hobbs interpretation in rhyme in "Written on a Roll Chart".

NOMINATING COMMITTEE

A Nominating Committee was appointed at the February meeting by President Jack Heatley. They are to prepare a slate of nominees from which the general membership of the Sarnia Section will select by ballot their choice of executive officers to head up the activities for next year. This election will take place at the April meeting and the new officers will be installed into office at the annual

President. The nominating committee consists of chairman, AMBY UPFOLD, and RON CHAMBER-LAIN and LIONEL WILLIAMS. All of these members are past presidents of the section and know the capabilities of the members quite well. So, if you are approached by one of these gentlemen as a prospective nominee, please give their proposition your fullest considera-

tion. It is not only a duty but a rewarding experience for every member to take a turn on the executive of the ISA. You don't have to leave the possible selection of officers to the nominating committee either. At the March meeting, you have the right and the

privilege of nominating any active member to the slate. So, think over the members who you would personally like to see in office and submit your nomination to either the committee or to the meeting in March

COMMENT

In a recent cartoon strip, a couple of kids are shown standing outside of one of those "Revival Theatres" where the old silent movies are shown for the benefit of nostalaic old-time movie fans. "Look!" one shouts to the otherthe latest thing, movies without sound!" The Sarnia Section showed this latest phenomenon at the February meeting when a full color movie with sound was shown without sound. Better luck, next time, LEN.

WARREN McKAY has submitted his resignation as Chairman of Special Events for the rest of the year. His recent election to the presidency of the Sarnia Minor Athletic Association is taking up most of his spare time. His work was divided up amongst the executive until the new chairman takes over.

While showing a slide of a camel in the Arabian desert at the February meeting, CARL RITTER explained that the odd little bits of dried out scrubby desert plants were all that the camel had to eat.

"We found these camels are illtempered creatures", he added. From behind me came the voice of HARRY WILTON: "You would be mad too if that's all you had to eat!"

Members are assured of adding to their store of instrument know how by attending the March meeting of the Sarnia Section the last Monday of this month at the "Y". Bailey Meter Company's C. H. Barnard is going to discuss transmission systems and in line with the arowing trend toward electronic transmission will compare these with pneumatic systems in use at present in most process industries. The wave of contagious illnesses in the Sarnia area which cut down on our attendance at the February meeting is about over and we can expect a big turnout. Let's make this a good meeting all around. You don't have to be a member to attend this meeting (or any meeting) so come yourself and bring another instrument friend or anyone else interested.

Notice to Advertisers

APPLICATIONS FOR ADVER-TISEMENTS IN THE SARNIA SEC-TION "BULLETIN" FOR NEXT YEAR ARE NOW BEING RECEIV-ED. THREE NEW COMPANIES HAVE ALREADY APPLIED. FIRST CHOICE WILL BE GIVEN TO PRES-ENT ADVERTISERS SO, IF YOU ARE ONE SEND YOUR RESERVA-TION IN NOW. JUNE FIRST IS THE DEADLINE FOR COPY. RATES

WILL BE APPROXIMATELY THE SAME. LOOK FOR A FURTHER ANNOUNCEMENT INCLUDING RATES IN THE APRIL ISSUE OF THE "BULLETIN".

Address:

Mr. L. J. Hall, Managing Editor The "Bulletin", 730 Talfourd Street Sarnia, Ontario.

MEETING NOTICE

PLACE:

Sarnia "Y"

Clubrooms "A - B"

DATE:

Monday, March 28, 1955.

TIME

8.00 P.M.

SPEAKER:

MR. C. H. BARNARD

Staff Engineer i/c Products Application

Bailey Meter Company

Cleveland, Ohio

SUBJECT:

"TRANSMISSION SYSTEMS FOR INDUSTRIAL

INSTRUMENTS"

VISITORS WELCOME — REFRESHMENTS

WRITTEN ON A ROLL CHART

Baksheesh!

Come, my children, let us go. Magic carpet waits below. Climb aboard here, take my hand, We'll pass areat leagues of sea and land. Of farm and forest, hill and crop, And many a craggy mountain-top. Across the late IL Duce's sea To lands of ancient history. To lands long favoured by the scribes Where dwell, I'm told, nomadic tribes, "Nomadic" meaning "not content", (They'd rather move than pay the rent.) And we should scarcely blame them for it, The whole darn place is rather horrid. Their outlook opposite to grand. With mile on mile of drifting sand. And naught but rags to shield their heads, They prowl the sun-baked gravel beds. And even the sea is boiling-hot. Yes, drink their water, I'd rather not.) They live in tents sans tap or drain While noon-day sun sautee's the brain And lest they feel better than Job or Lear ALLAH forbids the use of beer. How can we blame them when they scream This fearsome cry "Chee kar-kardeen!" Or even when they rasp and pant, Muttering this dismal chant,—

> "Yeki bood, Yeki nabood, Pish az Allah, Hish kay nabood".

Come, mes enfants, let us hasten Out to an Arab pumping station Thru torrid wastes we make good speed, Where camels feed on dried-out weed,

Looking out of jaundiced eve They spit on careless passer-by. Hospitably the door is wide. Letting us, and sand, inside Where Tri-Acts clustered here and there. Gamely gasp the aritty air. Panting, choking, hoarse and loud. Like an asthma-ridden crowd Far, far worse than away back where Thru verdant banks flows blue St. Clair Now greet the Operator-Chief. (Late an unrepentant thief) But now an Emir in his tent Master of this settlement Ruler of a hundred lives. (Legally he has four wives) I sympathize with him because. Legally, four mother-in-laws. Also, hordes of kith and kin Swarm around and live on him. Swarm around and tend their stock. A noisy, squabbling, ordorous flock, Who never have and never will. Overdo the chlorophyll. Chasing nimble, maiden goat, What sound comes from the shepherd's throat? What awful wail both fierce and tender, Blends with bleat of sweet surrender? What din now dominates the scene This fearsome cry—"Chee kar-kardeen!" And presently they rasp and pant, Muttering this dismal chant,—

> "Yeki bood, Yeki nabood, Pish az Allah, Hish kay nabood".

Enough of this fantastic pace
Let us recover here at base
In air-conditioned traveller's club

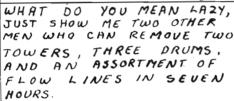
Where gungah-wallahs haunt the tub.
Where many a copper coil and pot
Distills the fragrant apricot.
It's golden nectar forms, I guess,
A river of forgetfulness,
Where those embarking, in a dream,
May hear again, "Chee kar-kardeen!"
And as they drift may rasp and pant
Muttering this dismal chant,—

"Yeki bood, Yeki nabood, Pish az Allah, Hish kay nabood".

---H. Hobbs.

P.S. Many thanks to Mr. Carl Ritter of Taylor Instrument Co. for the entertaining travelogue at our February meeting on which the foregoing was in part, based.







WHEN I SUGGESTED THAT
THE MEN MAKE OUT
THEIR OWN AND OUR
EVALUATION REPORTS I
NEVER THOUGHT THIS
WOULD HAPPEN.





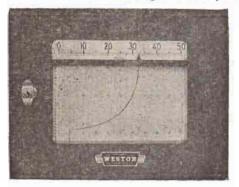


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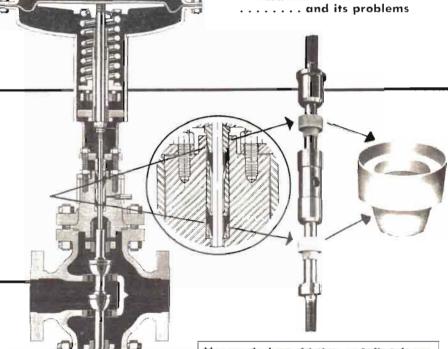
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