

ROTARY BEACON



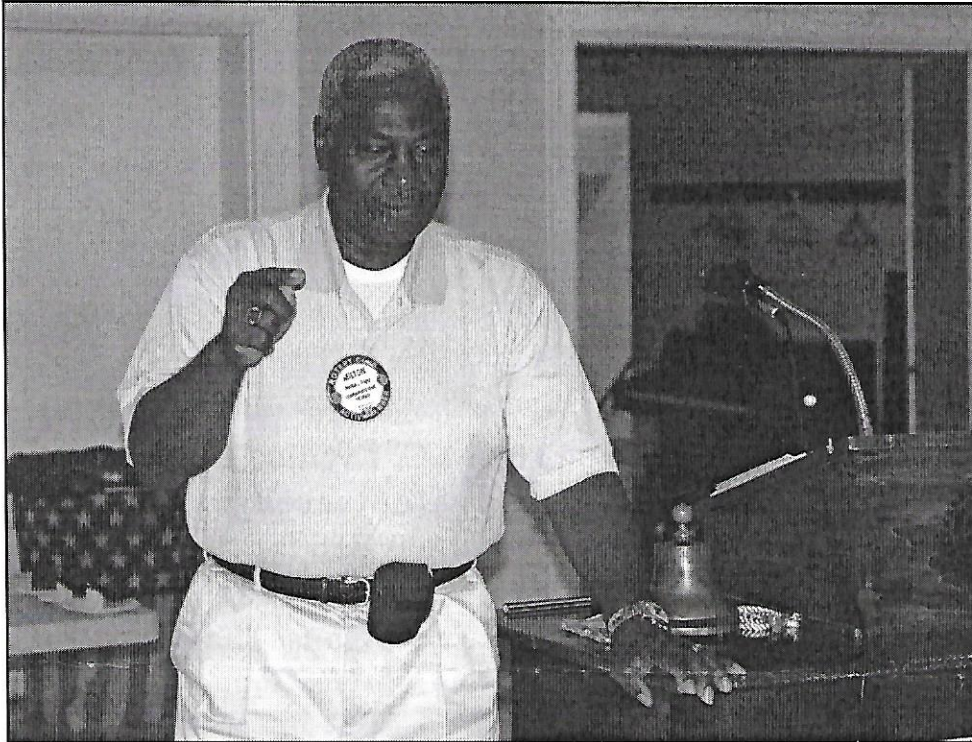
The Morehead City Evening Rotary Club

Chartered May 19, 1925

November 4, 2010

Rotary Motto: Service Above Self

Volume 5, Issue 17



The future belongs to fibre optics

Copper or Fibre? What's the real story?

Last week's speaker was Milton Tripp, a retired telephone field supervisor. Milton discussed the benefits of fibre optics over copper wire--a metal that has been used for installing telephones for over a century old. The actual way a phone works is that old too!

The telephone wire used for POTS (plain old telephone service, like in your home or a small office) goes to a switch, where the analog voice signal is digitized and most probably sent off on a fibre optic cable. If it isn't now, it will be soon. Milton said the copper phone wire has very limited bandwidth. So the phone system is mostly fibre optics beyond the short subscriber link. Fibre links offer 1,000 times as much bandwidth over distances 100 times further. But is it cheaper to install? Isn't that the bottom line for copper vs. fibre? Well, fibre prices continue to fall while copper prices (and the more sophisticated hardware needed to support high bandwidth transmission) rise. The majority of backbones in large companies are fibre. They want the bandwidth and reliability of fibre, and the networking equipment vendors recommend fibre for the backbone. They expect to upgrade to higher bandwidth in the future, and only fibre offers upgradeability.

With both cable and phone companies offering everything digital maybe the consumer will eventually benefit in lower prices for phone service as well as TV and internet service. But don't count on it!

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John Nelson
Tom Noe
Herb Phillips
Jim Phillips
Council Renfrow
Milton Tripp
Bill Ward
Neil Whitford

Tonight's Speaker

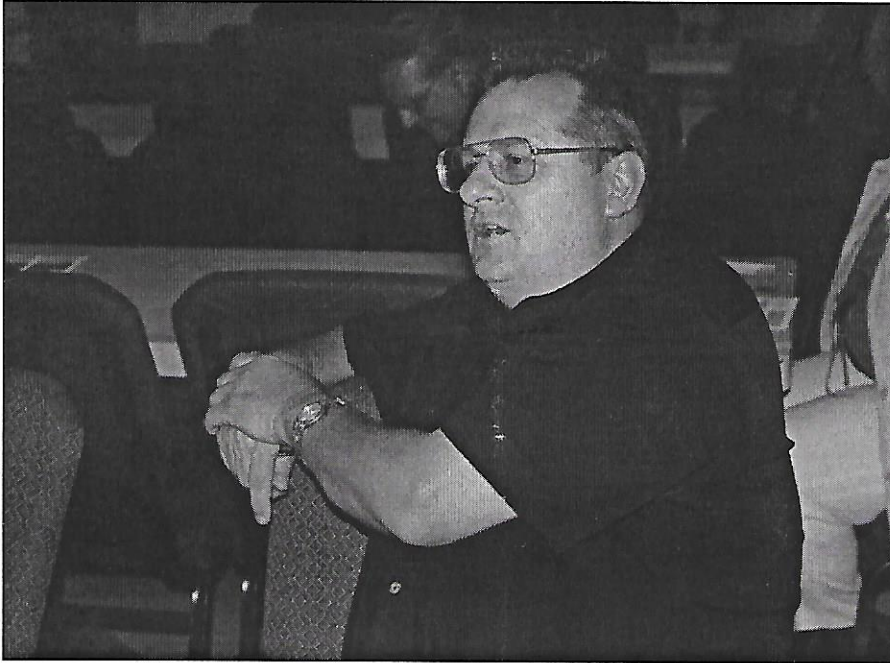
Herb Phillips has the program tonight. His guest speaker is Stephanie McIntyre, Director of the Seafood Festival. Stephanie has been involved with the Seafood Festival for the past 11 years. She is a graduate of UNC-G.

Stephanie's will give us a general overview of the festival and she will tell us how the Festival fared this year. During her speech, she will tell us how many booths were in the festival and how many people attended this year.

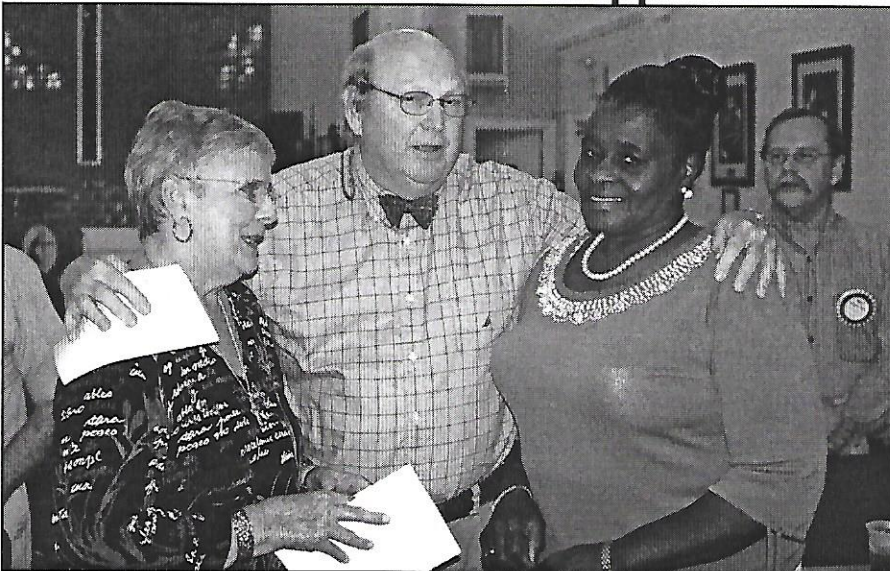
Program Schedule for Nov--Dec

<u>Date</u>	<u>Rotarian</u>	<u>Ave. of Service</u>
Nov 11	Jim Phillips	Club Service
Nov 18	Council Renfrow	Club Service
Nov 25	Thanksgiving (no meeting)	Club service
Dec 2	Demus Thompson	Inter Service

LAST WEEK'S GUESTS



**Stewart White, Century Link
Guest of Milton Tripp**

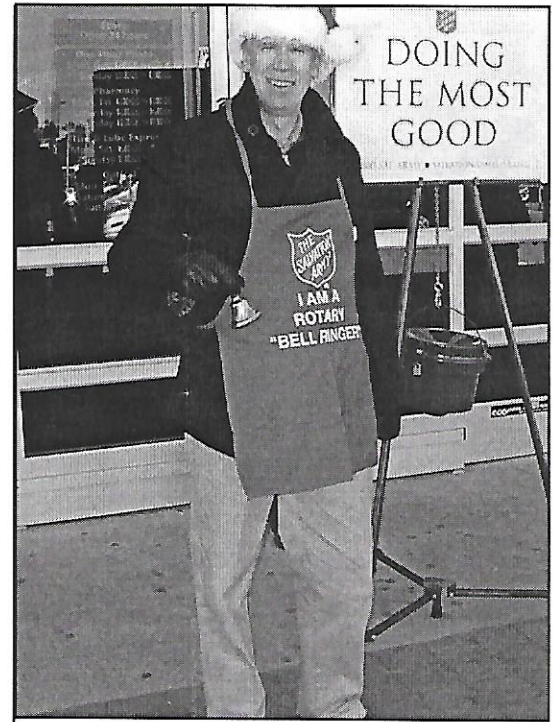


Fran Phillips and Cherry Tripp...Serenaded by Darden Eure Jr. with the song : "Let me call you sweetheart."

November Birthdays

**Jim Chalk
Shelby Freeman**

**November 13
November 20**



The M.C. Evening Rotary Club has volunteered to ring the Christmas Bell for the Salvation Army from Nov. 26 through Dec 21. See Demus Thompson for further information.

Ace of Spades Drawing Tonight's Jackpot



18 Cards Remain in Deck

\$933.00

**CHRISTMAS CHEER FUND
\$400.69**

The Four-Way Test

1. Is it the TRUTH?
2. Is it FAIR to all concerned?
3. Will it build GOOD WILL and BETTER FRIENDSHIPS?
4. Will it be BENEFICIAL to all concerned?