

### Children ride for free at Poplar Lane

Eighty children under 10 years of age enjoyed pony rides at the Poplar Lane Riding Trail, operated by Mr. and Mrs. Lyle Wells, Madrid Chase Mills Road.

There are free pony rides for children under 10 years of age every Monday morning.

On Wednesday's trail rides are available. The Wells also give riding lessons and break horses to the bit and riding. Riding lessons are available Mondays, Wednesday and Friday 9 a.m. - 9 p.m.

### McGrath promoted

Marine Lance Corporal Kenneth J. McGrath, 18, son of Mr. and Mrs. Kenneth P. Spencer of Sober St., Norfolk, has been promoted to his present rank while serving with the third Force Service Support Group, Okinawa.

A 1975 graduate of Norwood-Norfolk Central High School, Norwood, he joined the Marine Corps in July 1975.



AS SUMMER ENDS, and school is about to begin, toys are left abandoned in favor of shopping for bright new shoes and

pencil boxes. Most schools in the area will begin on September 7. (Victoria Levitt Photo).

## Coffee break

COFFEEBREAK  
KCE-2126

Since the announcement of channel expansion by the FCC many CB'ers and potential CB'ers have wondered what they should do. Should one plan on going to the new 40 channel sets right away (or as soon as they are available) or stay with their present 23 channel sets for some time? We have been perusing many of the pertinent articles distributed by manufacturers, distributors, and independent research organizations. Information from these along with a little calm thinking about the situation in our area may help in coming to a rational decision.

There are at least three things to consider: all comparable sets will be much more expensive, the new sets will not have the power many of the present ones now have, and how many of the total CB community will go to the new sets? A 40 channel set is no good to you if the person you want to talk to only has a 23 channel set (or less).

The FCC has stated that after 1 January, 1977, 40 channel sets may be

sold if they are type accepted. This means that a manufacturer must, prior to offering his model for sale, submit this model to the FCC for approval. The FCC checks the transceiver to see if it meets all the requirements set down in its rules. Previously, the FCC has 'farmed out' much of the 'type acceptance' work to private laboratories. Recent checks have shown that many of the sets sold, even though they are 'type accepted' do not conform to the FCC standards. Many of the sets, especially the more expensive ones, are putting out more than the allowed four watts. (Don't let local radio ads about five watt sets fool you!) Thus the FCC will be doing more of the type acceptance testing itself and being much more strict in its supervision of companies doing work for it. All of these things will add to the cost of the sets.

Even after January 23 channel sets will be manufactured and sold. However, new models will have to meet the new regulations which we will mention below. This will make them more expensive and less sensitive.

After January 1, all transceivers type accepted after August 10, 1976 must have a 60 dB harmonic radiation suppression. This is intended to reduce certain types of interference, but will reduce the effectiveness and will add to the cost. Also such transceivers must not exceed two nanovolts (two billionths of a volt) receiver radiation at the antenna terminal. This is radiation coming from the receiver section of the set and is essentially unrelated to the output of the set. It is this radiation which causes many airlines to prohibit the use of transistor radios on their planes as it can interfere with the aircraft electronic equipment. Such drastic reduction in radiation will be expensive to achieve.

Another radiation requirement will be that all new type accepted sets must have chassis or cabinet radiation less than five microvolts per meter at a distance of 0.3 meters (about a foot). This translates to about five millionths of a volt per yard at nearly 10 feet from the set. Again, it will be expensive to achieve this.

All new sets must have the serial number stamped or engraved directly into the chassis. Presently most manufacturers rivet a serial number plate to the chassis. These plates are made on a production line and the riveting process is simple and inexpensive. Henceforth, the complete set or chassis must have a separate operation of stamping which means a separate machine for each model. Another addition to the cost.

Another new regulation which will add to the cost although not appreciably, is that with all new sets, the manufacturer must include a copy of Section 95 of the FCC rules as well as both temporary and permanent license forms. This is good as this will insure that all new owners of stations will have had the opportunity of becoming familiar with the FCC regulations.

These tighter regulations listed above do not improve the CB performance, but only reduce the potential for interference to certain business and industrial frequencies. Most manufacturer representatives that we have discussed this with feel that a new set which puts out 3.5 watts will be the exception with most falling in the 2.5 to 3.0 watt range. If this is found to be true, the present 23 channel sets will outperform the new ones.

While cost estimates can change, most manufacturers feel that the new 40 channel sets for mobile use will have a minimum price of about \$350 and a base unit will start at about \$550. With this in mind, consider how many in our area will be able to afford a new set. With only a few 40 channel sets in the area, the new channels won't get much usage.

Our advice would be simply to think before you go out and grab one of those 40 channel sets. If you want a good set at a reasonable price, buy one now—it won't be obsolete for many years, if ever. Next week we will discuss some of the manufacturer's plans for updating present sets. Remember—you will NOT be able to get adapters to add to your present set, nor will you be able to have a repair shop convert your old set.

Richard Everett, Assistant Chief of the FCC's Amateur and Citizens Division recently stated: "We don't see any immediate obsolescence for 23 channel sets" adding that such sets can be sold until at least 1978.

"The people that want to operate where the action is are going to want to use those 23 channels. Only those wanting to seek less congestion on the air will go to the new 17 channels. The truckers aren't going to get off channel 19—that's where you are going to find the truckers and the motoring public," he noted.

Perhaps in large cities where the traffic is heavy on all 23 channels, the additional 17 will help, but ask yourself how many times in our area channels one through eight are all busy. Very seldom!

This week a very important 10-33 (emergency call) nearly did not get through because some very young child would not get off the channel. Apparently the child had been left in his parent's car while they went shopping. The microphone was tempting and with mama away, he was on the air with child's chatter. He probably did not realize the importance of the 10-33 but the fact remains that he should not have been on the air in the first place. Please, parents, teach your children the value of CB'ing and how to use a set properly. If you leave a child unattended, either have the set so that it cannot be turned on or put the microphone in the glove compartment. If at home, remove the microphone when you leave a child alone. Someone's life could depend on this small action.

Remember the two coffee breaks this coming month. On September 25 the Potsdam Montgomery Ward Store will sponsor one and the following day the Standing Wave Radio Club's 'Skating Coffee Break' at the Malone Skateland will be held. The only cost for the Malone Skate-in is the rental of the skates. To all those students returning with sets, Doug Pete extends an invitation to join the SWRC at no cost. Just shout for 'Whiskers' on channel 19 (or if you can't get him call 'Fleaker' or 'Boo Boo Bear' at CCT for information).

# BACK TO SCHOOL!

**KRAFT**  
IMITATION  
Q.T. JAR  
**Mayonnaise**

With Coupon  
**58¢**

**Red & White**  
100% Pure Cane  
**SUGAR 58¢**  
5 lb. Bag  
With Coupon & \$10.00 Purchase

**Nabisco**  
PREMIUM - 1lb. PKGS.  
**SALTINES 29¢**  
With Coupon & \$10.00 Purchase

**Chicken of the Sea**  
Light Meat Chunk  
**TUNA 53¢**  
6 1/2 Oz. Can

**Hunts 1 Pt. 4 Oz.**  
**Tomato Ketchup 49¢**

**Skippy 1 lb. 12 Oz.**  
Creamy or Crunchy  
**Peanut Butter 118¢**

**Our Value**  
**Pork & Beans 41¢**  
15 Oz.

**Red & White**  
**Ice Tea 89¢**  
15 1/2 Oz.

**Reads**  
Mayonnaise or German  
**Potato Salad 39¢**  
15 1/2 Oz.

**Lincoln**  
**Drinks 68¢**  
2 Qts.

**Wishbone**  
Italian 8 Oz. Btl.  
**Dressing 49¢**

**Red & White**  
10 Oz. Jar  
**Jelly 31¢**

**Red & White**  
6 Pac  
Asst. Flavors  
**SODA 98¢**

**PEPSI**  
**COLA 69¢**  
2 Qt. Btl.

**Bananza**  
Vegetable Sale...

**Green Giant**  
French or Blue Lake or  
Kitchen Sliced 1 Lb. **GREEN BEANS**

**Green Giant** Whole Kernel  
Niblets or Cream Style  
1 Lb. 1 Oz. **CORN**

**Green Giant** 1 Lb. 1 Oz. **PEAS**

**Greenwood** Harvard 1 Lb. **BEETS**

**Comstock** Spanish 15 Oz. **RICE**

**DelMonte** Leaf 15 Oz. **SPINACH**

**Sno Man** 50 Ct. **LUNCH BAGS**

**River Brand** 1 Lb. **RICE**

**Chef-Boy-Ar-Dee**  
Mac & Shells & Tom. Sauce 15 Oz.

**Millbrook**  
**Buttertop**  
**BREAD 49¢**  
1lb. 8oz.

**3 For \$1**

**SUPERDUPER**

**Red & White Pure Cane**  
100%  
**Sugar 58¢**  
5 Lb. Bag  
LIMIT 1 COUPON PER FAMILY WITH \$10.00 PURCHASE - EXP. 9-4-76

**SUPERDUPER**

**Nabisco Premium**  
**Saltines 29¢**  
1 Lb.  
LIMIT 1 COUPON PER FAMILY WITH \$10.00 PURCHASE - EXP. 9-4-76

**SUPERDUPER**

**Kraft Imitation**  
**Mayonnaise 58¢**  
Qt. Jar  
Limit 1 coupon per family. Exp. 9-4-76

**SUPERDUPER**

**Pillsbury**  
**Bundt Cake Mix Asst. Flavors 88¢**  
1 Lb. 7 1/2 Oz. - 1 Lb. 13 Oz.  
Limit 1 coupon per family. Exp. 9-4-76

**SUPERDUPER**

**Post**  
**Honey Comb Cereal 57¢**  
9 Oz.  
Limit 1 coupon per family. Exp. 9-4-76

**SUPERDUPER**

**Saran Wrap 69¢**  
100 Sq. Ft.  
Limit 1 coupon per family. Exp. 9-4-76

**SUPERDUPER**

**Hefty**  
**Food Bags 48¢**  
35 Ct. Quart 25 Ct. Gallon  
Limit 1 coupon per family. Exp. 9-4-76

**SUPERDUPER**

**Mercer's**  
**Gallon of Fruit Punch (Ass't Flavors) 69¢**  
Limit 1 coupon per family. Exp. 9-4-76

**SUPERDUPER**

**Wisk**  
**Heavy Duty Liquid Detergent \$1.09**  
1 Qt. Btl.  
Limit 1 coupon per family. Exp. 9-4-76

**SUPERDUPER**

**General Mills**  
**Lucky Charms 77¢**  
14 Oz.  
Limit 1 coupon per family. Exp. 9-4-76

**SUPERDUPER**

**General Mills**  
**Cocoa Puffs 69¢**  
12 Oz.  
Limit 1 coupon per family. Exp. 9-4-76

**TONY'S PIZZA DEMONSTRATION**  
THURS.-FRI.-SAT. 10 am to 6 pm  
**FREE SAMPLES**