



# The Spirit of '76 and '88



AUGUST

Newsletter of the Lake Erie Amateur Radio Association

2011

Editor: Ken Kane, KG8DN

At Dimitri's August 30th for LEARA  
Gary Zimmet, WA8TJL, presents



## Upgrading Communications in the National Airspace System (NAS)



**WA8TJL**

This country's aircraft communication system is undergoing a huge change over the coming years. Our own **Gary Zimmet, WA8TJL**, will take a night away from his job as an FAA supervisor for Oberlin Center (controlling planes within this five State area). He will tell us all about digital interoperability and how it will change things for ground controllers at over 18,000 airports around the country, as well as their pilots aloft. "This is a big deal," Gary tells us. "You'll want to know what it is all about."

**On Tuesday, August 30, dinner will be served at 6:30 PM and the formal meeting will begin around 7:30 PM.**

Meetings are open to all interested persons. You may attend without eating, but reservations are required if you do wish to eat. Restaurant service is available only for those present who purchase dinner. If you are attending the meeting only, kindly purchase beverages at the bar and bring them to your table.

This month the dinner menu alternatives will consist of Sirloin Steak, Broiled Boston Scrod, or Chicken Parmesan for \$16. Another alternative of a vegetable and pasta dish may also be requested.

The dinner includes a salad, main course, dessert, coffee or iced tea, and gratuity. (Note that bar service and soft drinks are not included.)

### PLEASE NOTE!

**RESERVATIONS ARE REQUIRED BY 11:00 A.M. OF THE MEETING DATE.**

Please call in your reservation and your menu choice to Marv Grossman, W8AZO, at 440-248-0031.

You can also visit [www.leara.org](http://www.leara.org) and make your reservation through the club's website.

-AR-

**OFFICERS**

<b>Alex Manuk</b> President	<b>WD8JMM</b> 216-459-8523
<b>Bryan Torok</b> Vice President	<b>N8OOF</b> 440-871-5456
<b>Eric Jessen</b> Vice President	<b>N8AUC</b> 440-734-3146
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<b>Dave Foran</b> Treasurer	<b>WB8APD</b> 440-942-0618
<b>Eric Jessen</b> License Trustee	<b>N8AUC</b> 440-734-3146

**TRUSTEES**

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<b>Ken Kane</b>	<b>KG8DN</b> 440-338-8078
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<b>Marv Grossman</b>	<b>W8AZO</b> 440-248-0031
<b>Jim Ozello</b>	<b>N8XDO</b> 216-475-7218
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<b>John Radney</b>	<b>KC8FOC</b> 216-469-4361
<b>David Noeth</b>	<b>KD8ACO</b> 216-932-8005
<b>Mike Cegelski</b>	<b>K8EHP</b> 216-252-6640
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**TRUSTEES EMERITI**

<b>Al Amster</b>	<b>W8TTY</b>
<b>Don Raith</b>	<b>N8DJG (SK)</b>
<b>Fred Collins</b>	<b>W8ADW(SK)</b>
<b>Pat Shreve</b>	<b>W8GRG (SK)</b>
<b>Al Severson</b>	<b>AB8P (SK)</b>

**POINTS OF CONTACT**

<b>John Radney</b> "Sunshine"	<b>KC8FOC</b> 216-469-4361
<b>Bill Hess</b> Radio Officer	<b>K8SGX</b> 440-286-9779
<b>Bryan Torok</b> Radio Officer	<b>N8OOF</b> 440-871-5456

The *Spirit of '76 & '88* is published monthly except in December. Contributions must be received by the 2<sup>nd</sup> Sunday of the month (except on months with 5 Sundays and Tuesdays, when the 3rd Sunday will be sufficient.)

**Editor:** Ken Kane, KG8DN

E-mail: [editor@leara.org](mailto:editor@leara.org)

**Proofreading:** TNX to

Marv, W8AZO and Jeff, N8YNR

It seems like forever since I last sat down to write a column for the newsletter. This summer has been a busy one at the Manuk household, and ham radio has pretty much taken a back seat to home repairs, car repairs, yard work, WORK, work, and just about anything else you can think of. I haven't been on the air much, haven't even had the time to listen much over the last month or so, but I do have some things to share with you this month.

First of all, we had another wonderful time at the **picnic in July**. Our 'guest chef' N8XDO did a great job manning the grill. The extras brought by Robin, KC8AWO, and Christy, XYL of David, KD8ACO, certainly added to everyone's enjoyment. We wound up the evening with another impromptu foxhunt, thanks to Mike, K8EHP, and Eddie, KD8FTS. The weather was perfect, the fellowship was great, and if you missed it, you really missed a great evening.

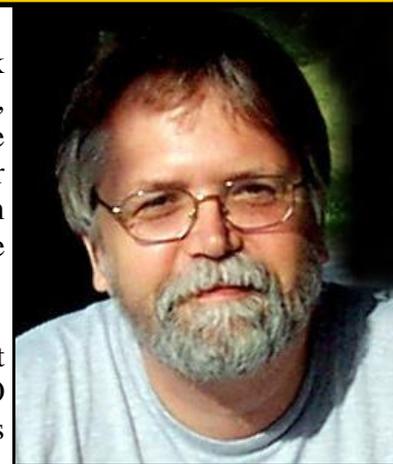
Sunday morning, August 7th, a group of amateurs gathered downtown to provide support for the **Cleveland Triathlon**. Thanks to the skill and experience (25 years worth!) of Tom, KA8BZB, in coordinating the ham radio crew, we had another perfect event. The worst of the casualties was a flat tire or two, and that's just how we like these events. Ham radio provides a valuable and much-appreciated service to the community when we participate. I'd urge you, if you haven't taken part in a public service event lately, to come on out and join us real soon.

One more very important topic - **Trustee Elections!** The nominating committee is still looking for 'A Few Good Men' (or women) to run in October's election. Nominations are open until the end of August, so if you're interested in taking part in the management of the largest club in the

(Continued on page 8)

**The Prez Says**

by Alex Manuk, WD8JMM



The Lake Erie Amateur Radio Assn., Inc., **LEARA**, is a not-for-profit [501(c)(3)] organization dedicated to Amateur Radio and Public Service. Club information packets and applications for membership are available from **Marv Grossman, W8AZO, 440-248-0031**, or may be downloaded from our web site at [www.leara.org](http://www.leara.org). Annual membership is \$25.00. **LEARA's address** is: LEARA, PO Box 22823, Beachwood, OH 44122-0823.

**LEARA** is an **ARRL**-affiliated club. When you join or renew the **ARRL**, **LEARA** benefits monetarily if you so through the club. Send **ARRL** Applications/renewals to Club Treasurer Dave Foran WB8APD, 5439 Nan Linn Dr. Willoughby, OH 44094-4365. Make the check payable to **LEARA**, not the **ARRL**.

**Membership Meetings** are held the last Tuesday of each month except December at Dimitri's Restaurant, 1830 Snow Rd., Parma, OH (in the Mid-Town Shopping Center, just west of Broadview Road). Dinner is served at 6:30 p.m. The meeting begins at 7:30 p.m. Meetings are open to all interested persons. You may attend without eating, but **reservations are required** if you do wish to eat. Call **Marv Grossman, W8AZO at 440-248-0031** to leave a message.

**Trustees' Meetings** are on the second Saturday of odd numbered months at 9 AM in a first floor room at the Highland Hills Village Hall, 3700 Northfield Road. Meetings are open to all current members of LEARA.



## THE VIEW FROM THE CAPE

by Ron, K2RJ  
Cape Canaveral, Florida

**Things have been busy here** since my last report in June! The old, trusty TS-440 “coded” and I pronounced it dead, and I was able to replace it with a nearly-new TS-480 which I purchased from a Chicago-land ham on E-bay. It works well, but with the poor antenna and even poorer conditions this summer, it has sat idle most of the time. I have several antenna possibilities in the hopper, especially since the TS-480 is completely remote-controllable through an internet connection (and an attached computer.) The most promising possibility is locating the rig and antennas at my church, which is less than a mile away from the QTH. There is room for a Carolina Windom in some trees on their adjacent property as well as a place for the old but trusty 4BTV trap vertical. There is also a possibility of locating it at an AM Radio station site owned by our Brevard County EC, N4LEM. At this site he has a “museum” of operating positions containing every type of Collins radio ever made. He even has a pair of 50KW Collins amplifiers (originally used by the military in Italy) that occasionally get “tested” for special MARS events. They auto-tune from 2 to 30 MHz! Antennas at this location include a Collins 6.5-40 MHz log periodic and a Step-IR beam, as well as a 75 dipole. When the daytime-only AM station is off-the-air, he will sometimes load up the main tower on 160. I haven’t given up putting an antenna or two at the condo either, but they will probably wind up being for VHF and UHF.

Last month we had the last manned space launch (the **Shuttle Atlantis**) that will take off from the Cape for some time to come. This was the last launch for a while that BEARS-1, the emergency communications motor home that I help maintain as part of the BEARS CAT team, was deployed for. You may have seen it on CNN, as they were at the same location and the news anchor commented on the launch detail that was being received over the 146.94 repeater and broadcast via PA system to those in the area. On the way back from this deployment, the driver failed to maneuver around some gasoline pumps properly and tore up the side of vehicle, including the propane tank valve. Fortunately, there was no fire and the fire department removed the tank and burned-off the remaining propane in a remote corner of the parking lot. The vehicle was drivable afterwards and is now awaiting \$14,000 worth of repairs in Melbourne (courtesy of Progressive Insurance!).

Speaking of the shuttle launch, **Jeff Kopcak, K8JTK, stayed with us a few days to view and record the launch** from our beach. We had a great time with him and went for a short cruise on the Banana River where we viewed dolphins and the most unusual site of a herd of manatees mating. Our captain said that in 15 years, this was the most he had seen at one time.

73, de Ron K2RJ -AR-



## Volunteer Exam Dates and Locations

from [www.arrl.org](http://www.arrl.org)

- 08/21/2011 | [Elyria OH 44035-1343](#)  
**Sponsor:** Lorain County ARA Red Cross  
**Location:** American Red Cross  
**Time:** 1:00 PM (Walk-ins allowed) [Learn More](#)
- 09/02/2011 | [Cleveland OH 44106-1712](#)  
**Sponsor:** W8EDU  
**Location:** Case Western Reserve University  
**Time:** 6:30 PM (Walk-ins allowed) [Learn More](#)
- 09/08/2011 | [Stow OH 44224-4097](#)  
**Sponsor:** Cuyahoga Falls ARC  
**Location:** Stow-Munroe Falls Public Library  
**Time:** 7:00 PM (Walk-ins allowed) [Learn More](#)
- 09/10/2011 | [Rittman OH 44270-1431](#)  
**Sponsor:** Silvercreek ARA  
**Location:** Rittman Public Library  
**Time:** 9:30 AM (Walk-ins allowed) [Learn More](#)
- 09/11/2011 | [Independence OH 44131-4841](#)  
**Sponsor:** Cuyahoga ARS  
**Location:** Independence Old Town Hall  
**Time:** 9:00 AM (Walk-ins allowed) [Learn More](#)
- 09/18/2011 | [Elyria OH 44035-1343](#)  
**Sponsor:** Lorain County ARA Red Cross  
**Location:** American Red Cross  
**Time:** 1:00 PM (Walk-ins allowed) [Learn More](#)
- 09/20/2011 | [Sandusky OH 44870-1926](#)  
**Sponsor:** Sandusky Radio Exp League Inc  
**Location:** Sandusky Radio Exp League Clubhouse  
**Time:** 7:00 PM (Walk-ins allowed) [Learn More](#)
- 09/25/2011 | [Berea OH 44017-2524](#)  
**Sponsor:** Hamfest Assoc of Cleveland  
**Location:** Berea Public Library  
**Time:** 2:00 PM (Walk-ins allowed) [Learn More](#)
- 09/25/2011 | [Newton Falls OH 44444-1639](#)  
**Sponsor:** Warren ARA  
**Location:** Newton Falls Community Center  
**Time:** 6:30 PM (Walk-ins allowed) [Learn More](#)

## Upcoming Hamfests

from [www.arrl.org](http://www.arrl.org)

- 08/21/2011  
[55th Annual Warren ARA's 2011 Hamfest](#)  
**Location:** Cortland, OH  
**Type:** ARRL Hamfest  
**Sponsor:** Warren Amateur Radio Association  
**Website:** [http://groups.yahoo.com/group/WARA\\_HAMFEST](http://groups.yahoo.com/group/WARA_HAMFEST)  
[Learn More](#)
- 08/28/2011  
[Cambridge ARA Hamfest & Computer Show](#)  
**Location:** Cambridge, OH  
**Type:** ARRL Hamfest  
**Sponsor:** Cambridge Amateur Radio Association  
**Website:** <http://www.w8vp.org>  
[Learn More](#)
- 09/11/2011  
[Great Lakes Division Convention \(Findlay Hamfest\)](#)  
**Location:** Findlay, OH  
**Type:** ARRL Convention  
**Sponsor:** Findlay Radio Club  
**Website:** <http://www.w8ft.org>  
[Learn More](#)
- 09/11/2011  
[Butler SwapFest](#)  
**Location:** Butler, PA  
**Type:** ARRL Hamfest  
**Sponsor:** Butler Amateur Radio Association  
**Website:** <http://w3udx.org>  
[Learn More](#)
- 09/25/2011  
[Cleveland Hamfest and Computer Show](#)  
**Location:** Berea, OH  
**Type:** ARRL Hamfest  
**Sponsor:** Hamfest Association of Cleveland  
**Website:** <http://www.hac.org>  
[Learn More](#)

## LEARA "On The Air"

Club Net Information by David Noeth, KD8ACO

*Thanks again to one and all for your participation in keeping the LEARA Thursday Night Club Net active and alive. Member participation in each and every net is greatly appreciated. Please get in contact with me at kd8aco@leara.or, if you are interested in being a Net Control Station for any of the nets held on a LEARA repeater.*

### Wednesday Skywarn Practice Net

Skywarn practice nets have returned on the 146.76 (- offset, 110.9 PL) repeater and will continue on Wednesday nights at 8:00 PM local time until the last week in October. Everyone is welcome! The 146.880 (- offset, 110.9 PL) repeater is used as a backup. Skywarn nets may be activated on one of these repeaters anytime threatening weather is approaching.

### Thursday Club Net

The Lake Erie Amateur Radio Association's weekly club net is held every Thursday evening at 8:00 PM local time on the 146.76 (- offset, 110.9 PL) repeater. This is an open and informal net intended to provide the opportunity to test radio equipment, promote fellowship among local amateur radio operators, and develop radio traffic handling skills. You do not have to be a member of LEARA to participate.

Since the club net is a practice and informal net, LEARA would like to recognize those who take the time to check in and keep the net active and alive. During the past month, the weekly Thursday Night Club Net had a **total of ninety-two (92) check-ins** from fifty (50) different stations. The following were reported by our net control stations to have participated:

Bill AC8CO, Bill AC8IH, David AD8WS, Arp K8ARP, Bruce K8CSI, Mike K8EHP, Jeff K8JTK, Ted K8PJS, Jim K8QOT, Steve K8SAS, Bill K8SGX, Fritz K8WLF, John KA8GZA, Bill KA8VIT, Lilly KB8MHZ, Leone KB8VBR, Carl KB8VXE, Joe KC2MGH, Mark KC8FQV, Helen KC8IKK, Jeannie KC8MNV, Joe KC8RAN, Tony KC8RXD, Jeanne KC8TJH, David KD8ACO, Eddie KD8FTS, Laura KD8MBJ, John KD8MUF, Mark KD8OLG, Steve KD8OLH, Joe KD8PFB, John KD8QMU, Ken KG8DN, Mike KG8MTG, Don KJ5KB, Tom N8ETP, John N8GRQ, Joe N8IPC, John N8OBJ, Rick N8RB, Tom N8UAZ, Bill N8UPZ, Bob W2THU, Marv W8AZO, Rick W8HV, Ted W8IXY, John WA8LGM, Gary WA8TJL, Dick WA8TPP, and George WD8GEO.

Net Control Stations: Joe KC8RAN, Bob W2THU, Bill AC8CO, and David KD8ACO.

### Upcoming NCS assignments are:

8/18/11	Eric	N8AUC
8/25/11	Matt	W8DEC
9/01/11	Bob	W2THU
9/08/11	Ken	KG8DN
9/15/11	Bill	AC8CO
9/22/11	Eric	N8AUC
9/29/11	David	KD8ACO

The feedback received from members regarding the Thursday Club Net promotion has been very encouraging. This promotion encourages participation in both the weekly club net, as well as, the monthly LEARA membership meetings. Specifically, any individual who checks into the Thursday Club Net during a given month **will be given one extra door prize ticket** at the following month's LEARA club meeting. This extra door prize ticket will be given in addition to any other door prize tickets the individual has already been given. Participation in only one net during the preceding month is required. Participation in the monthly meeting is obviously required.

### Friday SSTV Net

The Lake Erie Amateur Radio Association's weekly slow scan TV net is held informally on Friday evenings at 7:30 PM local time on the 146.880 (- offset, 110.9 PL) repeater. Net Control Stations for the SSTV Net are needed, in order to keep this net active and on the air. Please let me know if you are interested. This net is going to continue into the summer on an informal basis. It might be sporadic (like 6 meters, hi hi), but please do try to participate, if you can, when you hear it on the air.

### Wanted! Net Control Stations

We now have six Net Control Stations for the Thursday evening LEARA Club Net. There's always room for more stations who would like to give it a try. Any member of the Lake Erie Amateur Radio Association can be a net control operator for one or all of the nets held on one of the club's repeaters. Never tried it you say? No problem. Now would be a really good time to start. It's as easy as getting in touch with me and we'll schedule you into the rotation. If you should have any questions or requests for assistance to get started, just contact me at one of our club meetings or by using any of my contact information in the membership directory or send me an email at [kd8aco@leara.org](mailto:kd8aco@leara.org). Hope to talk with you "on the air" soon!

de David, KD8ACO -AR-

# Picnic July 26



# Picnic July 26



## The Prez Says, cont.

(Continued from page 2)

county, contact Gary, WA8TJL, and put your name in the hat.

Speaking of Gary - well, actually he'll be the one speaking - at the August LEARA meeting! Come on out and hear his presentation on the upcoming changes to air traffic control and how things will impact air travel. It's an important change and one that will affect things for years to come. I hope to see you at Dimitri's on the 30th!

73 de WD8JMM -AR-

## Annual Election to LEARA Board of Trustees

Each autumn, the invitation to inject "fresh blood" into the workings of our club is extended to the membership. It's part of what we do in LEARA. There are currently fifteen members on the Board, and the club by-laws require that one-third of this group stand for re-election (or replacement by election) each October.

Customarily, those members who accept nominations by the end of August are asked to submit biographies detailing a little of their history along with various ways in which they may have enjoyed ham radio over the years. Many members who submit biographies choose to tell us the skills they have acquired and the services they have contributed while active in amateur radio or as club members. These **biographies are due no later than Sunday, September 11, 2011**, should be 400 words or less, and will be published in the September LEARA Newsletter for review by the membership.

Anyone who has been a **member of the Lake Erie Amateur Radio Association for at least a year** is eligible to run for a position on the Board. If you wish, you may want to consult the September 2010 issue of the newsletter (available at [leara.org](http://leara.org)) to get an idea of what has been provided in biographies.

(continued next column)

## Gear to Go, from...K8EHP

The following items from the estate of the late John Blyler (W8WOJ, aka N5HKH) are available for the asking. All are clean and function.

- ◆ TenTec Transceiver, Model 574 (Century 21 Digital), 80 through 10 meters, 100 Watts output, CW only, built-in power supply serial # 574-0229.
- ◆ MFJ VersaTuner II, antenna tuner, Model No MFJ-941E, w/SWR bridge and cross needle meter, NSN.
- ◆ Dentron Model AT-1K Antenna Tuner, serial # 652.
- ◆ Home brewed Antenna Tuner, built by the late Jay Jeffery (WV8R, aka N8GGT).

Contact Mike Cegelski K8EHP

[k8ehp@roadrunner.com](mailto:k8ehp@roadrunner.com)

(216) 252-6640

This fall, the following five incumbent members of the Board are up for re-election or replacement:

Mike Cegelski, K8EHP  
Eric Jessen, N8AUC  
Jeff Kopcak, N8JTK  
Jim Ozello, N8XDO  
John Radney, KC8FOC

If you wish to add your name to the list of candidates in addition to these five, you need to **submit your name by the end of August to election committee chairman, Gary Zimmet, WA8TJL**, notifying him of your interest in standing for election to the Board for a three-year term. Contact Gary at [GZimmet@sbcglobal.net](mailto:GZimmet@sbcglobal.net).

Then write a biography about yourself, and send it to [EDITOR@leara.org](mailto:EDITOR@leara.org) for publication in the September issue of **The Spirit of '76 and '88**. Your biography text should be 400 words or less.

The election will be conducted by means of a secure web-based ballot, although the option to submit a paper ballot by mail is acceptable as long as the ballot is in the hands of the election committee members before 7:30 PM on October 25, 2011, on the site of the LEARA October meeting. If you have questions, you can reach Gary at 440-446-0402.

-AR-

## Your Late-Summer Calendar

August 30, 2011	LEARA Meeting-Dimitri's-WA8TJL	Marv W8AZO	<a href="mailto:MarvG@roadrunner.com">MarvG@roadrunner.com</a>
September 10, 2011	Race for the Cure—Wolstein Center	Leone KB8VBR	<a href="mailto:KB8VBR@vahoo.com">KB8VBR@vahoo.com</a>
September 11, 2011	Trustee Election Biography Deadline	Gary WA8TJL	<a href="mailto:GZimmet@SBCglobal.net">GZimmet@SBCglobal.net</a>
September 25, 2011	Cleveland Hamfest—Berea	Bob W2THU	<a href="mailto:W2THU@ex100.com">W2THU@ex100.com</a>
September 27, 2011	LEARA-Dimitri's (Field Day Report)	Marv W8AZO	<a href="mailto:MarvG@roadrunner.com">MarvG@roadrunner.com</a>
October 25, 2011	LEARA-Dimitri's (Trustee Election)	Marv W8AZO	<a href="mailto:MarvG@roadrunner.com">MarvG@roadrunner.com</a>



**KA8BZB**

**KE8TI**



**W8AZO**

***Cleveland Triathlon  
August 7, 2011***



**AD8WS**



## One Hundred Years Ago! Did you know that...

...The Titanic was still under construction?

...The US government had not yet begun to license amateur radio operators?

...The average life expectancy for men was 47 years?

...Fuel for this Ford Model T was only sold in drug stores?

...There were only 8,000 cars and only 100 miles of paved roads?

...The maximum speed limit in most cities was 10 mph?

...The founding of the ARRL was still three years away?

...The American flag had 45 stars?

...Only six percent of Americans had graduated from high school?

...More than 95% of births took place at home?

...The average wage was 22 cents/hour?



1911 Ford Model T  
from [conceptcarz.com](http://conceptcarz.com)

...The population of Las Vegas, Nevada was 30?

...The tallest structure in the world was the Eiffel Tower?

...Crossword puzzles, canned beer and iced tea had not yet been invented?

...There was neither a Mother's Day nor a Father's Day?

...There were 230 reported murders in the entire USA?

...Costs... Sugar: 4 cents/pound?

Coffee: 15 cents/pound?

## LEARA — The Lake Erie Amateur Radio Association

- 42 Years of Serving Greater Cleveland Since 1969 -

### VOICE REPEATERS:

- |                |  |
|----------------|--|
| 146.76/R-      | • Highland Hills (Requires 110.9 Hz tone)          |
| 146.88/R- IRLP | • Lakewood (Requires 110.9 Hz tone) IRLP Node 4282 |
| 224.90/R-      | • Lakewood (141.3 Hz tone)                         |
| 444.40/R+      | • Macedonia (Requires 131.8 Hz tone)               |
| 444.70/R+      | • Lakewood (131.8 Hz tone)                         |

PACKET NODES: CLE1 145.01 MHz: CLE5 145.05 MHz: CLEV220 223.70 MHz

These nodes are part of the Cleveland Net Cluster in K8EIW's backbone system.

### INTERNET:

- [www.leara.org](http://www.leara.org)
- To subscribe via e-mail, send a message to: [spirit76-request@leara.org](mailto:spirit76-request@leara.org)  
Put *subscribe* in the subject area and your *name* and *callsign* in the body.  
Those who subscribe via e-mail will not receive a paper copy.