

SBE PRESIDENT SPEAKS TO KOREAN BROADCASTERS

from the National SBE Office

Richard Farquhar, President of the Society of Broadcast Engineers, was a featured speaker at the just-concluded Korean International Broadcast and Audio Equipment (KOBAA '92) show in Seoul. Farquhar was invited to attend by Hong-Ryun Kim, President of the Korean Broadcasting System and President of the Korean Broadcast Engineers and Technicians Association (KBETA). Expenses for the trip were paid by KBETA.

Farquhar spoke on two topics of interest to the Korean engineers in attendance: "New Technologies in American Broadcasting" and "Broadcast Quality." The exhibition was organized to update the Korean engineers on the latest technical developments in broadcast equipment and video technologies.

KBETA was pleased to have the assistance of SBE in helping them move forward. The KOBAA '92, served as a forum for technical cooperation between Korean and foreign investors.

Farquhar said, "This trip demonstrates the benefits of cooperation between the SBE and other allied organizations around the world. Engineering has always been a two-way street; there is much that we can learn from each other. I look forward to continued cooperation with KBETA and other engineering groups with which SBE is affiliated."

JULY MEETING

DATE: Tuesday, July 21, 1992
AT: BRAT & BRAU
6654 Mineral Point Road
(Corner of Grand Canyon Drive)
DINNER: 5:30 p.m.
MEETING & PROGRAM: 7:00 p.m.

SEE INSERT FOR DETAILS OF THE MEETING AND PROGRAM !!!

JUNE MINUTES

Chapter 24 of the Society of Broadcast Engineers met on Thursday June 18, 1992 for a luncheon meeting at Shakey's Restaurant on Madison's Westside. The attendance of the June meeting included 15 SBE members, 12 who were certified, and three guests for a total attendance of 18.

The meeting was called to order at 12:52 PM by Chairman Jim Hermanson. Secretary Fred Sperry read the minutes of the May meeting. The minutes were approved as read. Treasurer Paul Stoffel reported the Chapter's account balance which included the recent deposit of the National rebate check.

Chairman Jim Hermanson then announced the recently appointed slate of Chapter 24 Committee Appointees. Newly appointed Membership Chairman Leonard

(cont'd on page 3)

UPCOMING MEETINGS

- Wednesday, August 19
- Thursday, September 17
- Tuesday, October 20

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FIRST TOWER SCHOOL

*submitted by
Broadcast Communications*

James Crooks, President of Broadcast Communications of New Glarus, Wisconsin, announced that his company has made plans to open the first tower science and technical school in North America.

"It's a happy day for Broadcast Communications and the rest of the tower industry to have this type of tool made available," Crooks said. "And it's something long over due."

The technical school will be open to tower climbers and engineers across the country and it will instruct them in the basics of tower building and installation techniques, maintenance and repair.

Several companies from across the tower industry, including PiRod, Inc., of Plymouth, Indiana, manufacturers of solid rod towers, and Riser-Bond Instruments, of Lincoln, Nebraska, makers of transmission line testing equipment, have already pledged their support to the school and intend to assist with the formulation of curriculum and training.

The school will be built in New Glarus, adjacent to the Broadcast Communications' headquarters. The facility will include classrooms, offices and a 300 to 400 foot guyed tower on site for the purposes of training.

The school will include class offerings in tower climbing, transmission line leakage detection and repair, grounding, tower lighting, safety, basic cellular and broadcast engineering techniques and many other fields of study directly pertaining to the tower industry.

The school is tentatively set to open its doors next summer and will soon begin marketing itself to the industry sometime this fall. Their telephone number is (608) 527-5670.

DATA NEEDED

by Paul Stoffel

Do the lightning protection and prevention systems, available to broadcasters today, make a structure less susceptible to lightning strikes? If so, which approach is better at reducing damage to equipment?

Dr. Theodore Bernstein, PH.D., P.E. wants to know.

Bernstein is a retired University of Wisconsin Professor of Electrical and Computer Engineering. He has an extensive resume that includes designer, author, consultant, speaker and member of the National Fire Protection Association (NFPA) committee for lightning protection. He spoke at June's SBE meeting.

"I'm interested in getting data or information," Bernstein said, "about the lightning elimination things that [broadcasters] are putting on towers." Bernstein is curious about who uses any of the lightning prevention or protective systems and whether they have made a difference.

The lightning rod, the "standard" system, has a history of lightning protection that dates back to the days of Benjamin Franklin.

Now on the market are what Bernstein calls the "unconventional" lightning systems. They either include barb wire and brushes designed to eliminate or prevent lightning strikes, or, radioactive lightning rods that are designed to attract lightning strikes thereby protecting the structure. NFPA committees are working on new lightning codes that would include the "unconventionals".

"We can start getting some kind of data on lightning protection rather than just having anecdotal stories,"

(cont'd on page 4, DATA NEEDED)

**CHAPTER 24
OFFICERS**

CHAIRMAN:

Jim Hermanson (WKOW TV)
W - 274-1234
H - 231-2005

VICE CHAIRMAN:

Leonard Charles (WISC TV)
W - 271-4321
H - 274-0041

SECRETARY:


Fred Sperry (WI PublicTV/TOC)
W - 273-5500
H - 833-6074

TREASURER:

Paul Stoffel (WI Public TV)
W - 263-2175
H - 241-4621

**CHAPTER 24
COMMITTEE APPOINTEES**

Past Chairman Steve Zimmerman
Membership Leonard Charles
Sustaining Membership Stan Scharch
Strategic Plan Dennis Behr (Chair)
Newsletter Paul Stoffel
Program Chairman Steve Zimmerman
Special Events Kevin Ruppert
Cert/Ed Doug McDonell/ Tim Trendt
Freq Coordinator Tom Smith
Chapter Liaison Steve Peck
SBE National Liaison Terry Baun
(414)449-5300



 Ned White
 Branch Manager

 Roscor Wisconsin
 11350 W. Theodore Trecker Way
 West Allis, Wisconsin 53214
 Phone: 414-478-2600
 FAX: 414-478-4949

MINUTES

(cont'd from page 1)

Charles announced that he was in the process of updating the Chapter 24 membership list. He also has available upon request the meeting attendance record of each member going back to May of 1990. In the future, records prior to May of 1990 may be included in this list.

Incumbent Sustaining Membership Chairman Stan Scharch announced that Mitch Montgomery of Harris/Allied had become a new sustaining member.

Chairman Jim Hermanson then announced the Strategic Planning Committee of Dennis Behr, Steve Zimmerman, Steve Peck and Kevin Ruppert.

Newly appointed Newsletter Editor Paul Stoffel announced the deadline for the July newsletter and mentioned that anyone interested in helping assemble the newsletter for mailing should contact him. Paul then thanked Jim Hermanson for his assistance in putting together the June newsletter.

Newly appointed Program Chairman Steve Zimmerman announced some of the upcoming programs including Roscor's presentation of the Magni monitor in July, a presentation on loss control by Dave Glasgow in August, and a tour of the Nuclear Accelerator in Stoughton next Spring.

Incumbent Special Events Coordinator Kevin Ruppert reported that he was working along with the Strategic Planning Committee for planning special events but he had nothing definite at this time.

Chairman Jim Hermanson then announced that Doug McDonell will continue as Certification and Education Chairman along with Tim

Trent at UW-Platteville. Jim then announced that the deadline for application for the certification exam given at the SBE convention in October was August 14th. The deadline for the exam given locally was September 7th. This exam will take place between November 6-16th.

Jim then mentioned that Tom Smith from WHA would be taking over the Frequency Coordination activities and Steve Peck of [BTS] was the new Chapter Liaison. There was no old business.

In new business, Vice Chairman Leonard Charles mentioned some items from a recent Dane County Telecommunications Commission meeting of which he is a member. He asked for feedback from those facilities with Dane County EBS receivers following the June 17th storm. He also mentioned that a lease had been signed with Motorola to locate the cities communications antenna's presently located on WHA's tower to the candelabra site once it is built. A lease is also pending to move the counties communications antenna's from WISC's tower to the candelabra site.

In personnel announcements, Jim Hermanson introduced a former colleague from the area, Andrew Zand, who now works as Director of the Audio/Visual Department at Viola University. Jim also mentioned that he had some literature he obtained from a tour of the newly remodeled studios of WMVS/WMVT in Milwaukee as part of a recent Chapter 28 chapter meeting. This literature included a station floor plan as well as results of an HDTV test that was recently conducted by ATT and Zenith on WMVT.

In general business, Chairman Jim Hermanson announced that the Chapter has submitted several entries to the National for the annual SBE awards. Those being submitted are for: Best Technical Article/

Program by Paul Stoffel for his newsletter articles on the FCC; Best Non-Technical Article/Program by Paul Stoffel for his newsletter articles on EBS; Best Article, Paper or Program by a Student member by Robb Hagen for his newsletter article on the tour of the 3M facility in Menomonie; Best Chapter Frequency Coordination effort by Chris Cain, and Best Chapter Newsletter and Best Chapter Newsletter Editor Deanna Morris.

Jim then reminded everyone of the SBE conference this fall in San Jose, the WBA July 15th in Wisconsin Dells, and the summer picnic at Doug McDonells on Saturday July 18th.

Vice Chairman Leonard Charles then announced that once again he is accepting applications for the Chapter's annual scholarship award to the SBE National. The rules and guidelines will remain the same as they have in the past.

Chairman Jim Hermanson then presented a Special Recognition award to member Paul Stoffel for his outstanding involvement in the Chapter in the last year.

Program Chairman Steve Zimmerman then introduced Theodore Bernstein a consulting engineer who is attempting to gather information on the performance of lightning protection on towers. Following this presentation, Steve introduced Richard Wood of Skyline Communications who reported on some changes to tower codes and FAA related information. At this time the meeting was adjourned.

Secretary, Fred Sperry

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Rosemont Fax: (708) 803-8627

CODE CHANGES

by Richard Wood
Skyline Communications

DIHLR

As of April, 1992, any commercial towers over 12 feet need a state permit for construction.

All state-owned towers must meet a more stringent code than privately-owned towers. In Milwaukee, for example, all towers must withstand an 80 mph wind with 1/2" of radial ice with all antennas existing or proposed included.

Filing fees have doubled from \$135 to \$270.

FAA

As of August, 1991, on all new towers that are required to have an A-2 light kit, if any single member of transmission line is larger than 8", two beacons will be required at the mid level. The designator on this system is an A-2/3.

If your tower is greater than 500 feet, be sure to include in the insurance coverage the cost and installation for strobe lights. In the event your tower falls down, you are not grandfathered with your current lighting system.

In the event that your tower falls or needs replacing, do not assume you own the air space occupied. An application must be made to the FAA even if the only change is [moving the location of the tower] a few feet horizontally. At the time of permit application, the FAA can reclaim any airspace they deem necessary.

When applying for overall height of an obstruction, this must include not only the tower, but also any appurtenances that protrude above the top of the structure. Therefore, you need to add the top beacon, lightning rods or antennas to cover the overall obstruction.

LOCAL LEGALS

Info. from Doug McDonell

Application granted for license or license modification, on June 15, 1992, for VHF TV Translator Low Power Broadcast License to cover construction permit for WO8CK, Channel 8, Healthy's, Inc., Madison, WI.

Commercial TV Broadcast Station Application accepted for filing, on June 8, 1992, for transfer of control of Channel 47 limited partnership from Channel 47 Television, Inc. to James L. Arnold, Receiver.

UHF TV Translator Low Power Broadcast Application accepted for filing, on June 2, 1992, for voluntary assignment of license from WSSM-TV, Inc. to Three Angels Broadcasting Network, Inc. for W54BH, Channel 54, Madison, WI.

Aural STL Application accepted for filing, on June 1, 1992, for construction permit and license for new aural STL: (NL: 43-28-14, WL: 89-44-39) Transmitter Location: 407 Oak Street, Baraboo, WI; 949.125, 948.875 MHz, 200F9, 3.0W, type accepted equipment, to be used with WRPQ-AM, Baraboo, WI.

DATA NEEDED

(cont'd from page 2)

said Bernstein. "What I hope to get out of it is a good technical paper."

Bernstein has been studying lightning protection for twenty-five years. He has authored many publications including: "Effects of Electricity and Lightning on Man and Animals," "Protecting the Royal Navy from Lightning," "Lightning and Power Surge Damage to Appliances" and more.

Bernstein can be reached at (608) 274-2661.

CONGRATULATIONS!

from Jim Hermanson
Chapter 24 Chairman

Congratulations to Paul Stoffel, who was presented with a Chapter 24 Distinguished Service Award at the June 18th chapter meeting! He has been recognized by the officers of Chapter 24 as having provided outstanding service to the chapter in the areas of newsletter article writing, assistance with the NPR/SBE Technology Course, attendance at the national SBE meeting, as well as other unselfish service tasks. Paul is currently serving as treasurer and newsletter editor.

PROFESSIONAL ANNOUNCEMENT

Steve Peck has joined BTS as Regional Sales Manager calling on broadcasting and production facilities in North and South Dakota, Nebraska, Iowa, Minnesota, Wisconsin, Michigan's Upper Peninsula and six call letters in Chicago.

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RADIO...

By Stan Sarch

The NAB has petitioned the FCC for a rule change that would change radio station ownership limits from the present 30 AM/30 FM to 25 AM/25 FM.

DAB experts debated the future of the technology at Montreux, Switzerland in June. The symposium, sponsored by the European Broadcasting Union (EBU), was attended by 520 delegates, mostly from Europe. L-band and S-band are the only frequencies allocated worldwide thus far. The need for different receiver types for some parts of the world such as the U.S. could cause some delay in implementing DAB.

(Excerpts from Radio World)



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TV NEWS...

By Kevin Ruppert

High Def Debate Intensifies

Debate has once again intensified in the area of transmission and production of High Definition Television in the United States. Broadcasters and producers with skimpy budgets are trying to find ways to reduce the cost of HDTV by finding alternatives to 35mm film and other high end electronic systems. There is a movement to create lower-cost "scalable" 1125/60 equipment that would operate at variable data rates. One such alternative is a widescreen 525-line digital component format. The question is, however, is it really high def?

In May of 1992, the Zenith/AT&T and General Instrument/MIT HDTV proponents agreed to share royalties, should either group's system be selected as the standard. This has left two main camps in the HDTV war. One side is the newly-formed Zenith/GI group, and the other is comprised of the consortium between Sarnoff Research center, NBC, Thomson CE, Philips Laboratories and Compression Labs.

In the mean time, some broadcasters are questioning whether the government should consider HDTV as merely one element in a much larger picture that could mean a revolution in their business in which traditional TV fare could be relegated to a secondary role. Some have suggested that TV stations be allowed to use their 12 MHz of allocated spectrum for transmitting data as well as programming. The data might provide mobile, cellular or traditional telephone services or services that no one has even dreamed of yet. FCC and other government policy makers are quick to point out that under today's policies and laws,

such radical pictures do not seem to be in our future. They say that HDTV is going to drive the future, and that future is already well framed. FCC precedent would require broadcasters to compete for the extra 6 MHz of spectrum allotted for HDTV with other licensees, such as mobile radio, cellular telephone or even regular telephone providers who may be more qualified to provide these new services.


excerpts from TV Technology and Television Broadcast magazines.

maney_logic

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PRESIDENT

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ANNUAL CONVENTION SCHOLARSHIP

This year, Chapter 24 would like to award a scholarship to the National Convention in San Jose, CA. The scholarship will be awarded on the basis of the following criteria and maximum number of points accumulated:

- 1) Must be a current member of Chapter 24
- 2) Attendance at 6 of the 12 meetings prior to July 31
- 3) Employment in a broadcast related facility
- 4) SBE National dues must be paid for the current year


Points will be assigned as follows:

- a) 5 points for each month applicant has at least one article published in the Chapter 24 newsletter
- b) 5 points for certification, any level
- c) 2 points for each monthly meeting in excess of the 6 required

In case of a tie, final selection will be by the elected officers of Chapter 24 or by a committee appointed by those officers excluding any officer whom may have applied.

If more than one applicant, an alternate will also be selected based on the second highest number of points. The scholarship winner will be required to give an oral report on the convention to the chapter at large during the monthly meeting following the National Convention and will be required to write a summary article to be published in the chapter newsletter.

Application is required in the form of a letter, signed, dated and received by Leonard Charles at WISC-TV no later than July 31.



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Stan Scharch



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David M. Rahmiow
Sales Representative



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BAUN TO BE CHAPTER 24 LIAISON REPRESENTATIVE

from Jim Hermanson
Chapter 24 Chairman

By unanimous vote, the SBE Board of Directors has approved a plan by which each SBE chapter will be assigned a specific liaison representative at the national level. This person will serve as the chapter's personal representative at SBE National, and as the chapter's source for specific information from the national level.

The person who will be Liaison Representative for Chapter 24 is as follows:

Terry Baun
Criterion Broadcast Services
5300 W. Garfield Avenue
Milwaukee, WI 53208

Phone: (414) 449-5300
FAX: (414) 449-5380

Chapter officer questions concerning membership, certification, frequency coordination, or other "nuts and bolts" matters should continue to be directed to the capable National Office staff in Indianapolis.

Terry is now serving to provide better communications between the national office, local chapters, and members. We look forward to seeing him at some of our upcoming chapter meetings!

CHAPTER 24 SUSTAINING MEMBERS

Our newest sustaining members:

**BTS
HARRIS ALLIED**

Our newest renewal:
FUJI FILM I&I

Todd Communications
Video Images
Swiderski Electronics
Roscor Wisconsin
Electronic Industries
Maney Logic
WMTV 15
WKOW TV 27
Anixter
The Tape Company
Emmons Associates
Panasonic Broadcast
Communication Technologies inc.
WMMM-FM
3M Professional Audio/Video
Skyline Communications
Scharch Electronics
Broadcast Communications
WISC TV 3
Sony Broadcast

Thanks to Allen Rieland, Wisconsin Public Radio, for the use of the laser printer.

WANTED

By Madison's community sponsored radio station, WORT-FM:

Reducer for 1 5/8 inch rigid transmission line to BNC connector. To be used for back up transmitter. Will pay \$, or provide in-kind donation allowance for tax deduction.



Used cassette decks. They don't have to work, but should not be too abused. (We are developing a cassette "bone yard"! Will provide in-kind donation allowance for tax deduction.

Please contact Kevin K. Ruppert at 271-4321 (WISC) or 256-2695 (WORT).

REMINDERS

The Annual Wisconsin Broadcasters Association Summer Engineering Seminar and Statewide SBE Meeting on July 15 at the Chula Vista Resort in the Wisconsin Dells. Call (608) 255-2600 to reserve your place.

The 1992 SBE Chapter 24 Picnic on July 18 hosted by Doug McDonell, 2830 Waubesa Avenue at 5:00 p.m. Call 222-1580 in order for Doug to know how much fish to prepare.

 <p>GORDY DAILEY BROADCAST SALES</p> <p>ELECTRONIC INDUSTRIES INC. 19 E. IRVING AVE. • P.O. BOX 268 • OSHKOSH, WI 54902 distributors of electronic equipment and supplies</p> <p>PHONE: 414 238-8938 414 739-8900 FAX: 414 238-4233</p> <p>IN-STATE WATS: 1-800-445-0222 OUT OF STATE WATS: 1-800-558-0222</p>	 <p>15 WMTV</p> <p>615 Forward Drive, Madison Wisconsin 53711 (608) 274-1515</p>
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WORKSHOPS WILL BE CONDUCTED BY FACTORY REPS IN SAN JOSE ON THE
DAY PRECEEDING THE SHOW. MARK YOUR CALENDAR NOW!

CHAPTER 24 NEWSLETTER

Edited by: Paul Stoffel

Contributors this month: Broadcast Communications, Leonard Charles, Jim Hermanson, Doug McDonell, Kevin Ruppert
Stan Scharch, Fred Sperry, Paul Stoffel, Richard Wood

Articles Welcome!! Send correspondence to:

Chapter 24 Newsletter
3538 Concord Avenue
Madison, WI 53714

or call (608) 263-2175 (work) or (608) 241-4621 (home)

SBE Chapter 24 Newsletter
3538 Concord Avenue
Madison, WI 53714



Tom Weeden 1,3
6802 Putnam Road
Madison, WI 53711

**SBE CHAPTER 24
MADISON, WI**

**JULY MEETING
TUESDAY JULY 21, 1992**

OUR JULY MEETING AND PROGRAM WILL BE HELD AT:

**BRAT AND BRAU
6654 MINERAL POINT ROAD
MADISON, WI**

DUTCH TREAT DINNER AT 5:30P (MENU ON BACK)

BUSINESS MEETING AT 6:30P

THE PROGRAM WILL START AT 7:00P. WILLIAM SMITH FROM MAGNI WILL PRESENT A PAPER TITLED: THE MAGNI MONITOR AN INNOVATIVE APPLICATION OF RASTER SCAN TECHNOLOGY FOR INEXPENSIVE WAVEFORM AND VECTOR MONITORING.

THE PROGRAM WILL LAST APPROXIMATELY 30 MINUTES.

UPCOMING SBE PROGRAMS:

AUGUST 19, 1992: DAVE GLASGOW FROM THE CHUBB GROUP OF INSURANCE COMPANIES WILL PRESENT A PROGRAM ON DISASTER RECOVERY.

SEPTEMBER 1992: TBA

OCTOBER 1992: TBA

NOVEMBER 1992: TBA

DECEMBER 1992: TBA

JANUARY 19, 1993: MANEY LOGIC

FEBRUARY 1993: TBA

MARCH 1993: TBA

APRIL 20, 1993: NAB REVIEW

**MAY 19, 1993: NUCLEAR ACCELERATOR IN OREGON, WI
ED ROWE WILL SHOW OUR MEMBERS SOME OF THE ELECTRONICS BEHIND
THE NUCLEAR ACCELERATOR.**

IMPORTANT! Insert Table Number
 See Menu Holder
 SR _____
 Feel free to express your appreciation
 for the services we have provided.



Dinners

- SHRVED ALL DAY - Includes baked potato (after 5 pm) and cottage fries and a no sharing salad bar or soup. (No Potato with Spaghetti)
- Brochettes & Shrimp 6.95
- Steak & Mini Shrimp or All Steak
- Cod Fish Fry Dinner 6.95
- Chicken Breast Dinner 6.95
- Bratwurst Dinner 6.25
- Port Outlet Dinner 6.95
- Barbecue Pork Ribs 6.95
- Casserole Spaghetti 5.45

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Double Bratwurst Two huge Bratwurst Served on a Hardroll	Sandwich 3.75 Cheese 30c	With Cottage Fries 4.95 Cheese 30c	Fries & Salad/Soup 6.30 Cheese 30c
Wurstburger Beef and Burger Patty -Our Own Creation	Sandwich 2.95 Cheese 30c	With Cottage Fries 4.15 Cheese 30c	Fries & Salad/Soup 5.50 Cheese 30c
Braunbarger Big Burger, Juicy and Lean -An All Time Favorite	Sandwich 2.40 Cheese 30c	With Cottage Fries 3.60 Cheese 30c	Fries & Salad/Soup 4.95 Cheese 30c
Fajita Pita Grilled Chicken Breast with Sautéed Green Peppers, Onions and Mushrooms	Sandwich 3.75 Cheese 30c	With Cottage Fries 4.95 Cheese 30c	Fries & Salad/Soup 6.30 Cheese 30c
Pork Sandwich Grilled Pork Loin Fillet -The Other White Meat	Sandwich 2.95 Cheese 30c	With Cottage Fries 4.15 Cheese 30c	Fries & Salad/Soup 5.50 Cheese 30c
Steak Sandwich Sirloin Steak Brochettes on a Kaiser Roll -The Best Around	Sandwich 3.75 Cheese 30c	With Cottage Fries 4.95 Cheese 30c	Fries & Salad/Soup 6.30 Cheese 30c
Chicken Breast Skinless and boneless Grilled Oktoberfest	Sandwich 3.25 Cheese 30c	With Cottage Fries 4.45 Cheese 30c	Fries & Salad/Soup 5.80 Cheese 30c
Old World Gyro Delicacy on Pita Bread with a Grecian Sauce	Sandwich 3.25 Cheese 30c	With Cottage Fries 4.45 Cheese 30c	Fries & Salad/Soup 5.80 Cheese 30c
Grilled Reuben Corned Beef, Kraut, Swiss Cheese with Special Sauce	Sandwich 3.95 Cheese 30c	With Cottage Fries 5.15 Cheese 30c	Fries & Salad/Soup 6.50 Cheese 30c
Fish Sandwich Deep-Fried Flaky Meat -A Treat from the Sea	Sandwich 3.25 Cheese 30c	With Cottage Fries 4.45 Cheese 30c	Fries & Salad/Soup 5.80 Cheese 30c

Children's Sandwiches
for all ages 1 to 100

Cheesewich & Fries	1.95	Grilled Cheese Sandwich with Melted American Cheese	1.95
Hot Dog & Fries	1.95	Plumpy and juicy All-American Favorite	30c
Kleinburger & Fries	1.95	Smaller burger with the Big Flavor	30c
Fish w/ich & Fries	1.95	Deep-Fried Cod Fish Fillet A Treat from the Sea	30c
Steak w/ich & Fries	2.40	Char-Grilled Choice Sirloin Steak Brochette	30c
Side Orders			
Cottage Fries	1.30	Try Superior to French fries Deep-Fried to Perfection	
String Onion Rings	1.40	or Battered Rings	
Clumpy Golden Brown	2.40	Mozzarella Sticks or Chicken Wings Sizzling Hot, Deep-Fried	2.65
Mini Shrimp All Edible, No-Tail and Battered Deep-Fried Delicacy from the Sea	1.85	Soup/Chili 1.50	
Homestyle Soup and Our Own Hearty Chili	Bowl		
Salad Bar With Rolls and Butter (Please, No Sharing) ALL YOU CAN EAT	3.65	Cup of Cold Slaw - 75c	

ALL you can EAT
 DISCOUNT Specials
 Dairy Dinner
 CHILDREN 1/2 PRICE
 UNDER 10

Sun. 11-9 - Tues. & Thurs. 5-9 P.M.
 Chicken - Pizza - Ribs
 Salad Bar & Dessert
 ALL YOU CAN EAT \$4.95 CHILDREN \$2.45 UNDER 10

Mon. & Wed. 5-9 - Sat. 5-10 P.M.
 Steak & Mini Shrimp
 Potato Choice & Salad Bar
 ALL YOU CAN EAT \$6.95 CHILDREN \$3.45 UNDER 10

FRIDAY 5-10 P.M.
 Cod Fish Fry Dinner
 Potato Choice & Salad Bar
 \$5.95 Children \$2.95 Single \$4.95
 Under 10 \$1.95
 Slaw or Applesauce
 Invald with coupons or discounts and at Food Ctr.

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Wish and Buy

