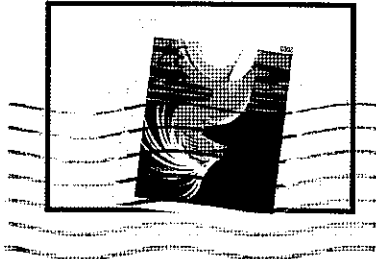
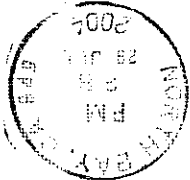


Calendar of Events

Aug 6	Fri	7:30 PM	Marin ARC Meeting, Alto Clubhouse, 27 Shell Road, Mill Valley
Aug 7	Sat	10:00 AM	Red Oak Victory ARC Meeting, Point Richmond
Aug 4	Wed	5:30 PM	No-Host Dinner at Coco's, 1501 Farmers Lane, Santa Rosa
		7:30 PM	SCRA Meeting, Luther Burbank Art & Garden Center, 2050 Yulupa Avenue, Santa Rosa
Aug 11	Wed	6:30 PM	SCRA Board of Directors Meeting
Aug 17	Tues	7:30 PM	Hamilton Wireless Assoc., Bldg 549, Hamilton Field, Novato
Aug 18	Wed	7:00 PM	REDXA Meeting, Carrow's, Petaluma
	Wed	7:30 PM	Valley of the Moon ARC Meeting, McDougall Hall, Sonoma Developmental Center, Glen Ellen.
Aug 21 - 22 Sat-Sun			Pacific Coast Air Museum - Air Show - Charles M Shultz Sonoma County Airport
			Special Event Station and Amateur Radio Exhibit. For Info, contact Bill KH6GJV

Sonoma County Radio Amateurs, Inc.
P. O. Box 116
Santa Rosa, CA 95402-0116

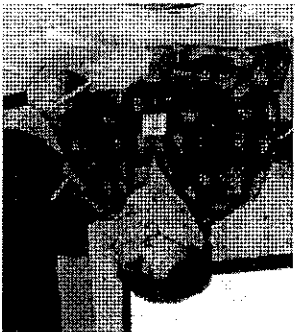
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Windsor CA 95492
WB6FRZ
Expires: 03/01/2005

QVA
by
Brian Torr NG1Y
SCRA President

Field Day 2004 was
SPECTACULAR!! For any of
you that did not get a chance to
visit our Field Day site on
English Hill, you missed a lot!



As I mentioned last month, this needed to be a team
event, and it was just that. We had our share of
problems to overcome, but overcome them we did. For
example, I didn't realize that my 2-meter all-mode
transceiver was dead as a doornail on SSB (I hadn't
used that mode in years). But a suitable replacement
was located. The SteppIR beam looked at first to be a
dud, until Josh, W6XU, remembered that there was a
calibration procedure that needed to be performed.
Once the calibration procedure was performed, it
worked like a charm.

A side benefit of having such an impressive
antenna setup was that it made our Field Day site easy
to find. A prospective ham in Sebastopol learned that
we were having Field Day on English Hill, but didn't
know exactly where. At soon as he turned from
Bloomfield Road onto Burnside Road, he had no doubt
where Field Day was!

I was thrilled to see the activity in the GOTA
station. I didn't think you could cram so many teenagers
into one tent! They met their "quota" of 400 contacts
with time to spare. I hope this gave a few of the CAP
cadets and Boy Scouts the final push to get their ham
ticket.

Kudos to Josh, W6XU, and his team for getting
the operating stations and antennas in order, to Bill,
KH6GJV and his crew

(continued on page 8)

**ARRL BOARD OKAYS VOLUNTEER
GRASSROOTS LOBBYING EFFORT**

The ARRL Board of Directors has formalized a
grassroots congressional lobbying program with an
initial focus on BPL. Acting July 16 during its second
meeting of 2004 in Windsor, Connecticut, the Board
acknowledged the need to "immediately begin a BPL
grassroots lobbying campaign." Hudson Division
Director Frank Fallon, N2FF, who headed the Ad Hoc
Committee on Grassroots Lobbying, sees the creation of
a national "political machine" as a practical way to
protect Amateur Radio spectrum.

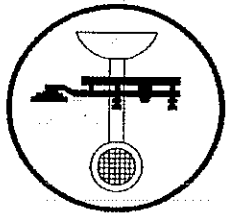
"We're really, in essence, changing the culture of
how we operate," Fallon said after the meeting. "We're
going to use our members as constituents to talk to key
legislators." While the campaign will zero in on BPL in
the near term, it eventually could expand to support bills
dealing with spectrum protection and with and deed
covenants, conditions and restrictions (CC&Rs) and
their impact on amateur antennas.

"It can be more effective for two or three
constituents to walk into a lawmaker's office to pitch
their cause," Fallon said. Such contacts, he pointed out,
also can pave the way for subsequent meetings between
League officials and members of Congress or their staff
members.

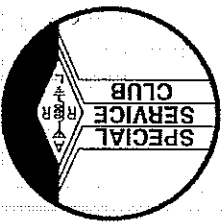
To establish a coordinating structure, the Board
created the positions of Division Congressional Action
Chair, Congressional Action Coordinator and
Congressional Action Assistant. The Board authorized
the League's 15 division directors to appoint qualified
volunteers to these positions.

Under the plan the Board adopted, the Division
Congressional Action Chair, one in each ARRL
division, would be a cabinet-level volunteer with some
experience in lobbying activities. There would be at

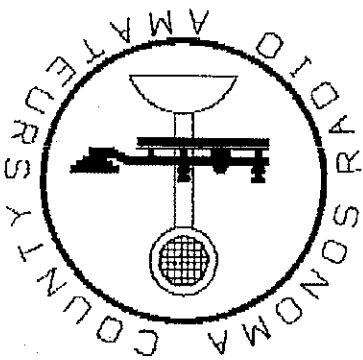
(continued on page 4)



Short Skip
newsletter of the
Sonoma County Radio Amateurs, Inc.
P. O. Box 116, Santa Rosa, CA 95402-0116
(707) 579-9608
<http://www.sonomacountyradioamateurs.com>
Repeaters
146.985- • 146.73- • 224.48- • 441.375+



W6SON
Repeater Station



NEXT MEETING
August 4th
7:30 PM

Program:

Ham Radio Squares

(see article)

2004 Club Officials

President	Brian Torr	707 575-5871	N6IY	707 575-9176	KD2L	John Mullian	707 575-9176	KD2L	707 575-9176	AC6VJ	707 523-7077	Greg Gordon	707 523-7077	AC6VJ	707 523-7077	
Vice President	John Mullian	707 575-9176	KD2L	707 575-9176	KD2L	John Mullian	707 575-9176	KD2L	707 575-9176	AC6VJ	707 523-7077	Greg Gordon	707 523-7077	AC6VJ	707 523-7077	
Secretary	Walter Masten	707 577-0711	KG6OXW	707 577-0711	KE6VGV	415 892-0317	Jim Lee	707 546-0723	KE6VMZ	707 546-0723	AC6VJ	707 523-7077	Greg Gordon	707 523-7077	AC6VJ	707 523-7077
Treasurer	Randy Black	707 546-0723	KE6VMZ	707 546-0723	AC6VJ	707 523-7077	Greg Gordon	707 523-7077	AC6VJ	707 523-7077	AC6VJ	707 523-7077	Greg Gordon	707 523-7077	AC6VJ	707 523-7077
Director	Greg Gordon	707 523-7077	AC6VJ	707 523-7077	KH6GJV	707 544-4944	Bill Hillendahl	707 544-4944	KH6GJV	707 544-4944	KH6GJV	707 544-4944	Bill Hillendahl	707 544-4944	KH6GJV	707 544-4944
Past President	Bill Hillendahl	707 544-4944	KH6GJV	707 544-4944	KH6GJV	707 544-4944	Bill Hillendahl	707 544-4944	KH6GJV	707 544-4944	KH6GJV	707 544-4944	Bill Hillendahl	707 544-4944	KH6GJV	707 544-4944
Activities Chairman	Public Service Chairman	Repeater Chairman	John Mullian	Greg Gordon	John Mullian	Greg Gordon	John Mullian	Greg Gordon	John Mullian	Greg Gordon	John Mullian	Greg Gordon	John Mullian	Greg Gordon	John Mullian	Greg Gordon

Short Skip & Web Staff

Editor	Bill Hillendahl	707 544-4944	KH6GJV	707 544-4944	KH6GJV	707 544-4944	Bill Hillendahl	707 544-4944	KH6GJV	707 544-4944	KH6GJV	707 544-4944	Bill Hillendahl	707 544-4944	KH6GJV	707 544-4944
Hank's Swap Shop	Jeff Basham	707 542-3860	KK6JAB	707 542-3860	KK6JAB	707 542-3860	Jeff Basham	707 542-3860	KK6JAB	707 542-3860	KK6JAB	707 542-3860	Jeff Basham	707 542-3860	KK6JAB	707 542-3860
Web Master	Jeff Basham	707 542-3860	KK6JAB	707 542-3860	KK6JAB	707 542-3860	Jeff Basham	707 542-3860	KK6JAB	707 542-3860	KK6JAB	707 542-3860	Jeff Basham	707 542-3860	KK6JAB	707 542-3860

Contacts

Antenna Ordinance/Legal	Lee Dibble	707 544-1675	KE6EAQ	707 544-1675	KE6EAQ	707 544-1675	Lee Dibble	707 544-1675	KE6EAQ	707 544-1675	KE6EAQ	707 544-1675	Lee Dibble	707 544-1675	KE6EAQ	707 544-1675
Public Relations	Bill McCall	707 538-2844	W6WDM	707 538-2844	W6WDM	707 538-2844	Bill McCall	707 538-2844	W6WDM	707 538-2844	W6WDM	707 538-2844	Bill McCall	707 538-2844	W6WDM	707 538-2844
Raffles	Karl Johnston	707 542-4008	K6QMT	707 542-4008	K6QMT	707 542-4008	Karl Johnston	707 542-4008	K6QMT	707 542-4008	K6QMT	707 542-4008	Karl Johnston	707 542-4008	K6QMT	707 542-4008
Refreshments	Ted DeCroff	707 542-4008	KB6PTA	707 542-4008	KB6PTA	707 542-4008	Ted DeCroff	707 542-4008	KB6PTA	707 542-4008	KB6PTA	707 542-4008	Ted DeCroff	707 542-4008	KB6PTA	707 542-4008
Volunteer Exam Liaison	John Mullian	707 575-9176	KD2L	707 575-9176	KD2L	707 575-9176	John Mullian	707 575-9176	KD2L	707 575-9176	KD2L	707 575-9176	John Mullian	707 575-9176	KD2L	707 575-9176
ARRL WAS/VUCC Mgr	Steve Lund	707 823-4544	K6UM	707 823-4544	K6UM	707 823-4544	Steve Lund	707 823-4544	K6UM	707 823-4544	K6UM	707 823-4544	Steve Lund	707 823-4544	K6UM	707 823-4544
ARRL DXCC Mgr	Chuck Tieres	707 763-2528	N6OJ	707 763-2528	N6OJ	707 763-2528	Chuck Tieres	707 763-2528	N6OJ	707 763-2528	N6OJ	707 763-2528	Chuck Tieres	707 763-2528	N6OJ	707 763-2528

SCRA Hotline
SCRA E-Mail
SCRA Web Site

707 579-9608
scra@sonomacountyradioamateurs.com
http://www.sonomacountyradioamateurs.com

Tuesday Night Net

Check in to the SCRA net each Tuesday evening on the 146.985- (PL 88.5) repeater at 7:00 PM. Announcements are made of upcoming SCRA and other amateur radio activities in the area and what is listed in Hank's Swap Shop. You will also hear the weekly *Amateur Radio Newsline* broadcast.

Short Skip Advertising Rates

Business Cards	\$ 12
1 st Quarter Column	\$ 13
Each Adn'l Quarter Column	\$ 4
Full page (one side)	\$ 35
Pre-printed inserts (each)	\$ 35

For more information, contact the Editor.

HUNGRY BEFORE THE MEETING?

JOIN US FOR DINNER! We meet at Coco's restaurant, 1501 Farmers Lane (corner of Farmers & Hwy 12), Santa Rosa. People start showing up at 5:30 PM. No RSVP is required! See you there! (Except December!)

ALL ARE WELCOME!

Please join us at our next meeting. Anyone interested in Amateur Radio may be eligible for membership. A membership application is included in this newsletter.

For more information, contact any SCRA officer, director or member.

CLUB MEETINGS

The club normally meets the first Wednesday of each month. This month's meeting will be at:

Luther Burbank Art
& Garden Center
2050 Yulupa Avenue
Santa Rosa, CA

The meeting starts at 7:30 PM

CONTEST CORNER

by Kevin Alt, K6BSG

Hello contesters. Fairly quiet in August for contests. Couple of North American QSO contests as well as the annual 10 GHz and above contest. Let's work laser!

Happy DX'ing.

7 Aug - European HF Championship - CW/SSB, 160-10 meters.
7 Aug - TARA "Grid Dip" Contest - PSK and RTTY, 80-6 meters.
7 Aug - ARRL UHF Contest, all frequencies above 222 MHz.
7 Aug - North American QSO Party - CW.
7 Aug - Ten-Ten International Summer Phone QSO Party - 10 meters.
7 Aug - National LightHouse-Lightship Weekend - all modes, 160-10 meters.
7-8 Aug - National LightHouse-Lightship Weekend - all modes, 160-10 meters.
7-8 Aug - National LightHouse-Lightship Weekend - all modes, 160-10 meters.

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Membership Application

Name _____ City/State _____
Address _____ Zip _____
Hm Phone _____ E-Mail _____
Wk Phone _____
Call Sign _____ License Class _____ Date _____
ARRL Member? [] Yes [] No

Dues & Fees: (SCRA dues year is from 3/1 to 2/28)

Individual/Associate Member	\$ 24 (\$6.00/qtr)
Family Membership	\$ 36 (\$9.00/qtr)
Under 18 Membership	\$ 12 (\$3.00/qtr)
Badge	\$ 7

Badge Information

Call Sign _____
First Name _____
City _____

Dues - Full Year (3/1 to 2/28)	\$ _____
Dues - Prorated	\$ _____ Qtrs. X \$ _____ /qtr
Badge	\$ _____
Other -	\$ _____
Donation	\$ _____
Total	\$ _____

Mail to: SCRA, P. O. Box 116, Santa Rosa, CA 95402

Make checks payable to SCRA

"ARESCOM" PLAN TO ENHANCE EMERGENCY COMMUNICATION CAPABILITY

The ARRL Board of Directors has adopted a resolution encouraging further development and expansion of an inaugural network to enhance the emergency communications capability of the Amateur Radio Emergency Service (ARES). The action came during the Board's meeting July 16-17. The Board had charged an ad hoc committee, dubbed "ARESCOM," with developing an augmented ARES telecommunications system that would include rapid and accurate handling of long-range emergency communications. ARESCOM recommended deployment of a digital e-mail system based on Winlink 2000 software. The Board encouraged the deployment of e-mail via Amateur Radio--"as exemplified by Winlink 2000"--to meet the needs of served agencies and others involved in providing disaster communications.

QUA (from page 1)

for organizing the food and other logistics, and to John, KG6PEP, and Angela, KG6PEO, for organizing the CAP cadets and Boy Scouts.

I was just reading in the ARRL Letter that Mike Fincke, KE5AIT, one of the two astronauts on the ISS, had so much fun making Field Day contacts, that on July 4th he took to ragchewing. Mike was licensed shortly before taking off for the ISS, so the Field Day contacts were some of his first contacts ever. He hopes to get on the air more during his spare time.

A few months ago I mentioned two antenna bills that were making their way through the Hawaii legislature. These bills would lower the barriers for hams living under CC&Rs to put up antennas. Although these bills passed the state Senate and House with an overwhelming majority, Governor Linda Lingle vetoed the bills. This information is from the ARRL Letter. In her veto message, Gov Lingle said, "This bill is objectionable because it amounts to an inappropriate and unacceptable governmental intrusion into the contractual affairs of the property owners," and, "This measure would allow the installation of antennas in an owner's unit, notwithstanding objections by other owners."

Clearly, overcoming antenna limitations in CC&Rs is not a trivial undertaking. I hope the sponsors of these bills and the hams that helped write it do not give up the challenge just yet. Gov Lingle's comments should not have been unexpected. Those who take up the challenge need to be ready to address such comments.

73, Brian N6IIV



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ATTORNEYS AT LAW

AUGUST PROGRAM

Ham Radio Squares

The program for our August meeting will be Ham Radio Squares, a game show based upon the popular TV game show, Hollywood Squares. The "stars" will be selected from the "studio audience" prior to the meeting, so come early to get your spot. You might even be the "Secret Square"! Prizes will be awarded to the winning team. The questions are, of course, ham-radio related. It's fun and educational. Hope to see you there!

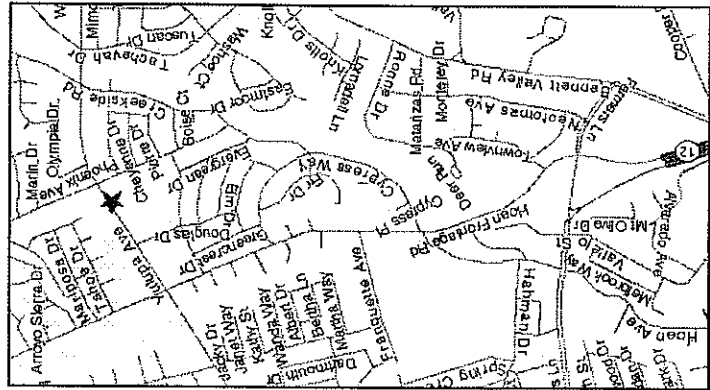
PCAM AIR SHOW

August 20 - 22

The Pacific Coast Air Museum's annual air show at the Charles M. Schulz Sonoma County Airport will be held the weekend of August 21st and 22nd. As in past years, SCRA will be participating with the Empire Amateur Radio Society to man an Amateur Radio exhibit and special event station. Each year the exhibit has been at the air show, many people come by and visit getting re-acquainted with our hobby. We will have an HF station in action and a quick look at the August contest calendar (page 9) shows that there will be several contests running that weekend. A good chance to make a few Qs.

Setup will be Friday, the 20th in the late afternoon. The booth will be manned from 9 AM to 5 PM on Saturday and 9 AM to 3 PM on Sunday, with take down thereafter. Interested in helping out and attending the fantastic air show? Contact Bill KH6GJV (544-4944 or kh6gJV@arrl.net) for info. Plan on coming out and having a great time!

Are you a budding author? Write an article for *Short Skip* on a Ham radio-related subject, technical or non-technical. E-mail the article to kh6gJV@arrl.net. We'd love to see YOU in print!



MEETING LOCATION

Luther Burbank Art & Garden, 2050 Yulupa Ave, Santa Rosa (Bennett Valley)

Pre-Meeting Dinner Location Change

The Board decided to change the pre-meeting dinner location to one closer to SCRA's new meeting location. So, starting with the May meeting, dinner will be at Coco's Restaurant, 1501 Farmers Lane (Farmers Lane and Hwy 12), Santa Rosa. Same time, 5:30 PM. Join the group for dinner or just sit in with a soda or coffee and some great conversation! See YOU at Coco's!

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by Rich Freitas KF6SZA
Sonoma County District
Emergency Coordinator

ARES Comm Log

Radiogram Message Format
Part 2

Finally! This is the message you are sending for the signature person to the addressee. It should be short (usually no more than 25 words) and in telegram style. No punctuation is used. The letter 'X' is used (similar to STOP in telegrams) to end one idea and start another. Many messages do not even have an 'X' in them. As Amateur Radio is non-commercial, the TEXT should have no commercial value. Each Radio Amateur is the judge of what is commercial and what is not.

Signature (Mandatory)

This is the name of the person sending the message. It may be the name or call of the originating station. However, it is usually the name of a 'third party' for whom the originating station is generating the message.

Received (Optional)

This is for the handling station to write down from whom they received the message. This field is only for the bookkeeping of the handling station.

Sent (Optional)

This is for the handling station to write down to whom they sent the message. This field is only for the bookkeeping of the handling station.

The weekly ARES net for the greater Santa Rosa area is conducted on Mondays at 7:30 pm on 146.985 MHz, - offset, 88.5PL. All ARES members and guests are invited to check-in. Please join us.

GRASSROOTS LOBBY

least one Congressional Action Coordinator in each state, ideally selected in consultation with section managers. These volunteers also would be members of the director's cabinet. Working with the director, the Congressional Action Coordinator will designate and develop a number of Congressional Action Assistants to "accomplish the mission of getting the ARRL message to legislators," the ad hoc committee's report explained. Fallon said the grassroots lobbying effort will fold into a comprehensive broadband over power line strategy, which the Board discussed at length but did not make public. The Board expressed the hope that the lobbying effort could be up and running by fall.

From ARRL Letter

Sonoma County Radio Amateurs, Inc.
Membership Meeting 7-7-2004
MINUTES
Call to Order, Verification of Quorum - The meeting was called to order by President Brian Torr N6IY at 7:45 PM at the Luther Burbank Art & Garden Center. There were 25 people present.

1. Introductions
a) Officers and Directors - The club officers and directors introduced themselves.
ii) Program - "Voice of Victory" video
iii) Visitors - KE6PZP - Marilyn
iv) New Calls and Upgrades - None
2. Approval of Minutes - Bob, WD6DPE moved that the minutes of the May 5, 2004 meeting be approved as amended. The motion was passed.
3. Officer and Director Reports
a) President - Brian Torr, N6IY - Nothing to report.
b) Vice President - John Mullian, KD2L - Not Present
c) Secretary - Walter Masten, KG6OXW - Nothing to report
d) Treasurer - Jim Lee, KE6VGV - \$5360 in checking and \$2940 in savings
e) Directors
i) Randy Black, KE6VMZ - Nothing to report
ii) Gregory Gordon, AC6VJ - Nothing to report
f) Past President - Bill Hillendahl, KH6GJV - Nothing to report
4. Committee Reports
a) ARES - Rich, KF6SZA - Nothing to report
b) Mobile Comm Van - Brian Torr, N6IY - Nothing to report
c) Status of Repeaters - All repeaters are operational.
ii) SCRA v NARCC - Nothing to Report
5. Unfinished Business - None
6. New Business - None
7. Member Biography - None
8. Recess - A recess was held from 8:00 PM until 8:20 PM
a) Program - Video - "The Voice of Victory" The story of how Hallcrafters BC-610 and other rigs helped to win WW2. John KE5RI showed us some of the equipment that was in the movie.
9. Raffles - Karl Johnston, KG6MT - Not present
10. Announcements
a) Next Membership Meeting - August 4: Ham Radio Squares
b) Board Meeting - July 14 at Marie Calendar's
11) Adjournment - There being no objections the meeting was adjourned at 9:15 PM.

If you are not getting the ARRL San Francisco Section news by e-mail and you are an ARRL member, be sure to subscribe under your Members Only information or go to <http://www.arrl.org/sections/?sect=SF> or <http://www.pdartl.org/stsec/>

SCRA's DIGIPATER is Back On The Air
ARES District Emergency Coordinator Rich Freitas KF6SZA made a request to the repeater committee to have the DIGIPATER put back on the air. The repeater committee obliged Rich by installing the DIGIPATER in the club's vaults. The DIGIPATER is back on the air on 145.050MHz. To DIGIPATER through it connect to W6SON, and, to connect to the bulletin board use SCRA.
Gregory Gordon AC6VJ

Check (Mandatory)

This is a count of the number of words used in the TEXT (only) of the message. Words in the address or signature are not counted. Groups of figures, letters, combinations of figures and letters, and "X" are counted as words. This is the method used to make sure that the TEXT is received without error. Both the sender and receiver should end up with the same word count.

Place Of Origin (Mandatory)

This field is the city and state of either the Station Of Origin or the person in the Signature. In most cases this will be the same place.

Time Filed (Optional)

The time the message was originated. You may either use UTC or Local time. Most messages do NOT use this field; it is only useful if the message has a short time value.

Date (Mandatory)

This is the date the message was originated. In Amateur Radio we use month and day. The year is NOT used. If the message is over a year old it should be sent to the circular file.

Delivering Station Info (Optional)

Addressee (Mandatory)
This is the name and address of the person to which this message is going. It looks like the address on an envelope used in snail mail. Include a phone number if you have it. The more information here, the easier the delivery will be.

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need more network cards (HSCs 14.95 \$4.95)
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controls, multi-touch buttons with LED's

- 

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Use just one floppy! Shatters printer port
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Rear panel switch selects Ch. 3 or Ch. 4 output
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matchings from remote and related terminal element
The front panel features a control element

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1

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- | Country | 1950 | 1960 | 1970 | 1980 | 1990 | 2000 | 2010 | 2020 | 2030 | 2040 | 2050 |
|---|------|------|------|------|------|------|------|------|------|------|------|
| Japan | 7.0 | 7.5 | 8.0 | 8.5 | 9.0 | 9.5 | 10.0 | 10.5 | 11.0 | 11.5 | 12.0 |
| Germany | 10.0 | 10.5 | 11.0 | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 |
| France | 11.0 | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 |
| Italy | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 |
| Spain | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 |
| Sweden | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 |
| Belgium | 15.0 | 15.5 | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 | 19.5 | 20.0 |
| United Kingdom | 16.0 | 16.5 | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 | 19.5 | 20.0 | 20.5 | 21.0 |
| United States | 17.0 | 17.5 | 18.0 | 18.5 | 19.0 | 19.5 | 20.0 | 20.5 | 21.0 | 21.5 | 22.0 |
| Canada | 18.0 | 18.5 | 19.0 | 19.5 | 20.0 | 20.5 | 21.0 | 21.5 | 22.0 | 22.5 | 23.0 |
| China | 19.0 | 19.5 | 20.0 | 20.5 | 21.0 | 21.5 | 22.0 | 22.5 | 23.0 | 23.5 | 24.0 |
| India | 20.0 | 20.5 | 21.0 | 21.5 | 22.0 | 22.5 | 23.0 | 23.5 | 24.0 | 24.5 | 25.0 |
| South Africa | 21.0 | 21.5 | 22.0 | 22.5 | 23.0 | 23.5 | 24.0 | 24.5 | 25.0 | 25.5 | 26.0 |
| South Korea | 22.0 | 22.5 | 23.0 | 23.5 | 24.0 | 24.5 | 25.0 | 25.5 | 26.0 | 26.5 | 27.0 |
| Poland | 23.0 | 23.5 | 24.0 | 24.5 | 25.0 | 25.5 | 26.0 | 26.5 | 27.0 | 27.5 | 28.0 |
| Ukraine | 24.0 | 24.5 | 25.0 | 25.5 | 26.0 | 26.5 | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 |
| Russia | 25.0 | 25.5 | 26.0 | 26.5 | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 |
| China (excl. HK) | 26.0 | 26.5 | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 |
| China (incl. HK) | 27.0 | 27.5 | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 | 31.5 | 32.0 |
| China (excl. HK) (2000) | 28.0 | 28.5 | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 | 31.5 | 32.0 | 32.5 | 33.0 |
| China (incl. HK) (2000) | 29.0 | 29.5 | 30.0 | 30.5 | 31.0 | 31.5 | 32.0 | 32.5 | 33.0 | 33.5 | 34.0 |
| China (excl. HK) (2000) (2000) | 30.0 | 30.5 | 31.0 | 31.5 | 32.0 | 32.5 | 33.0 | 33.5 | 34.0 | 34.5 | 35.0 |
| China (incl. HK) (2000) (2000) | 31.0 | 31.5 | 32.0 | 32.5 | 33.0 | 33.5 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 |
| China (excl. HK) (2000) (2000) (2000) | 32.0 | 32.5 | 33.0 | 33.5 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 36.5 | 37.0 |
| China (incl. HK) (2000) (2000) (2000) | 33.0 | 33.5 | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 36.5 | 37.0 | 37.5 | 38.0 |
| China (excl. HK) (2000) (2000) (2000) (2000) | 34.0 | 34.5 | 35.0 | 35.5 | 36.0 | 36.5 | 37.0 | 37.5 | 38.0 | 38.5 | 39.0 |
| China (incl. HK) (2000) (2000) (2000) (2000) | 35.0 | 35.5 | 36.0 | 36.5 | 37.0 | 37.5 | 38.0 | 38.5 | 39.0 | 39.5 | 40.0 |
| China (excl. HK) (2000) (2000) (2000) (2000) (2000) | 36.0 | 36.5 | 37.0 | 37.5 | 38.0 | 38.5 | 39.0 | 39.5 | 40.0 | 40.5 | 41.0 |
| China (incl. HK) (2000) (2000) (2000) (2000) (2000) | 37.0 | 37.5 | 38.0 | 38.5 | 39.0 | 39.5 | 40.0 | 40.5 | 41.0 | 41.5 | 42.0 |
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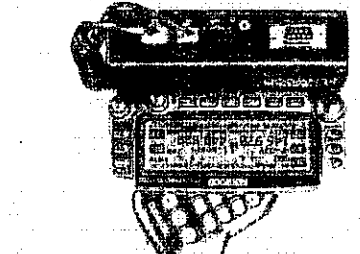
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