

## THE BOOK THAT NO WIRELESS FAN SHOULD BE WITHOUT

## Car's Whisker 50 YEARS OF WIRELESS DESIGN JONATHAN HILL PHOTOGRAPHS BYTREFOR BALL

The history of the wireless set, from the earliest amateur creations, through its heyday in the Second Horld War, to the post-war advent of television.

Jonathan Hill's complete and readable account of the sets and how they were developed has more than 120 illustrations from the author's own collection of vintage radios and components, early photographs of transmitting and receiving stations, wireless manuals, magazine advertisements and cartoons.

THE CAT'S WHISKER also contains a chronology of wireless history, from 1864 when James Clerk Maxwell presented his theory of the existence of electromagnetic waves to 1946 and the introduction of the BBC "Third Progranme" in Great Britain. There is valuable information on how to date a receiver from the names of the stations on the tuning dial, and a bibliography of U.S. and British works on the history of radio broadcasting.

Everyone who even knows what THE CAT'S WHISKER means will find Hill's book a treasure house of information and delight. Order it today:

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## Scott

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Radio


## $\$ 10.00$ postpaid

contains illustrations for the identification of nearly all Scott and McMurdo Silver receivers；illustrations for identification of the consoles manufactured by E．H．Scott and McMurdo Silver；a list （directory）of classic radio collectors；APPRAISAL of nearly all Scott and McMurdo Silver sets and consoles，the history of the E．H．Scott Radio Laboratories；the history of McMurdo Silver， Inc．；price lists which show the original cost of many models of both McMurdo Silver and Scott receivers； an up－to－date list of the serial numbers of Scott and McMurdo Silver sets in collections both in the U．S．A．and abroad；a complete up－to－date list of thousands of pages of classic radio literature available from PUETT ELECTRONICS；a list of magazine articles on classic sets contained in old issues of Radio News， Short Wave Craft，etc．；a list of the contents of all back issues of the CLASSIC RADIO NEWSLETTER；ard information on other classic sets manufactured by Lincoln and other companies．The APPRAISAL section of this book is excellent for the purpose of establishing the current value of classic sets for insurance purposes．

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POSTAL IDENTIFICATION STATEMENT The Horn Speaker (USPS 956120) is published monthly, except July and August by Jim Crashaw, 9820 Silver Kesdow Dip., Dallas, Texas 75217. Subscription rates are $\$ 5.50$ per year, s,11.00 two years. Secondclass postage paid at Dallas, Texas. RDSTFASTER: Send address changes to The Horn Speaker, D.O. Box 12, Kleberg TX 7515.

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## FIND OF THE MONTH



FIND OF THE MONTH
I sent along this picture because to me, this is the find of the month. I collect table model Philos from 1930-42 and this has got to be the king of the table models. It's a 1933 model 16. It has 11 tubes, $10^{\prime \prime}$ speaker, 4 position tone control, 4 bands and a tuning indicator. Except for the speaker cloth it's all original and in perfect working order. The radio is pictured on p. 118 of "Mick of the Switch". What a toned! This is truly console stuff in a table cabinet and has instantly become my favorite radio. I found it in a junk shop last month, and took a chance for a few bucks because the plug was issing and couldn't check it for a bad transformer.

To make ny collection complete by year \& category I'd love to find a Philo 42-Pr87 portable (p. 132 sam book) in fairly good shape.


## NOTES

 Dynamic typo loud speakers are used in all the console models with theexception of certain models made by the Acme Electric and Mfg. Company.
Buckingham Radio Corporation, Federal Radio Co., Freed Eiseman Radio Buckingham Radio Corporation. Federal Radio Co., Freed Eiseman Radio
twater Kent Mfg. Co., Day-Fan Electric Co., Freed Eiseman Radio Corp y Atwater Kent Mfg. Co., Day-Fan Electric Co., Freed Eiseman Radio Corp..
Kolster Radio Corp., Sparks-Withington Co. Stewart Warner Corp., RadioVictor Corp. of America, and the Crodley Radio Corp.
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 Inane Piano Co., F. A. D. Andrea, Inc., Arad Corps., and The A. C. Dayton
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## Waves

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## 212 989-9284

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Jerry Hoffert at the controls of his crystal set.
(Continued on page 8)



## Tone

That's where the Victrola is pre-eminent.
You might be able to build a cabinet that outwardly would resemble a Victrola. You might even copy the inside construction and details, if they were not protected by patents. But there is no copying the superior Victrola tone-quality.
That represents years of patient experi-ment-with various woods, with different proportions, with numerous vibratory sur-faces-and it is simply astonishing how slight a variation in size, in shape, in posislight a variation in size, in shape, in posi-
tion, produces discord instead of harmony.

No, the Victrola tone can't be equaled! Even though the eye could take in every detail of construction, there is still that same indescribable "something" which makes the Stradivarius supreme among vilins, which gives to the Victrola such violins, which gives to the Victrola suc a wonderfully sweet, clear and mellow tone as was never known before.
Hear the Victrolatoday at the nearest Victor dealer's, Aathim to play the new Caruso-Scotti Duet
from Maran fromManame Butterfly ( $890+3$ ). Then you'll realour improved process of making Victor records. The new Victor cazslogus lises more than yoon, Stene quality it oni Aifference is in price. Victor Talking MóNiae Co., Camden, N. J., U. S.A.



Vixtrol xill $\$ 125$


Victrola XVI 0250
Circassian walnut Mahbagip or quartered baki, $\$ 200^{\text {M }}$

scıentific American, July 6, 1878
THE PHONOGRAPH AND ITB ITVENTOR, MR, THOMAS A. BDISON.

## Club News

## hOUSTON VINTAGE RADIO ASSOCIATION

Enclosed is a picture of the officers of the Houston Vintage Radio Association. The officers are, from left to right (facing picture), Secretary-Treasurer Bill Werzner (Houston, Texas), President Frank Cooper (Friendswood, Texas), Historian Casey Cutler (Galveston, Texas), and Vice-President Fenton Wood (Sugarland, Texas). The officers were elected at the organizational meeting on November 21, 1978. The Association will meet the third Tuesday of each month (except December) at 7:30 p.m. in classroom \# l at the Museum of Natural Science in Hermann Park near down-town houston.
George J. Maczali will present a 36 minute slide and casette tape program at the January 16, 1979 meeting. The slide and tape program will give a guided tour of the Antique Wireless Association Museum in Holcomb, N.Y. including a 1925 radio store complete with working radios and equipment. After the program a trade and sell session and auction will take place. Members and visitors are encouraged to bring vintage radio, phonograph, or telephone equipment to auction, sell or trade.
The Association will publish a monthly newsletter which will include news and announcements; a want, sell and trade section; and tips regarding the restoration of vintage radios. The newsletter may be received by sending five dollars for six months membership to Bill Werzner, 11402 Endicott, Houston. Texas 77035. Members may have short ads included in the newsletter free of charge by sending them to Frank Cooper, 4215 Ravine Drive, Friendswood, Texas 77546. The first newsletter will be published in January.
H.V.R.A. will place emphasis on vintage radios and wireless equipment but welcomes vintage phonograph and telephone collectors.


## NAOMI LEWIS FEATURED

 DECEMBER SFEAKERNaomi Lewis, long-time performer in numerous radio and television shows, was scheduled to be the featured speaker at the December meeting of the Society to Preserve and Encourage Radio Drams, Variety and Comedy (SPERDVAC).

Miss. Lewis began her radio career at the age of 12 while playing hookey from school. During the succeeding years she performed non-
recurring roles on numerous mystery shows and soap operas.

In 1960 Nami moved to California and joined the Stan Freberg comedy group in the production of radio and television commercials. She was also the recipient of the Cleo Award as the funniest spokesperson of the year for a "Cheerios" commercial.

Television programs such as "The Land of the Lost" and "Rootie Kazootie" are included among Miss. Lewis' credits. She was also married to radio star Dick Mack who is reputed to have performied the first singing commercial on radio in 1927.

The late Dick Mack's radio involvement included many shows. Among these are the Rudy Vallee, Danny Kaye, Eddie Cantor, Groucho Marx, Edgar Bergen and Bing Crosby programs. Naomi Lewis will have many remembeances to recall from her and her husband's careers.

The meeting was scheduled for Saturday, December 9, at 12 noon in the First Christian Church, 18050 Vanowon, Reseda. The public was invited and there was no admission charge.

SPERDVAC, a non-profit organization headquartered in Hollywood, is devoted to the preservation and encouragement of old time and current quality radio programming. The Society maintains three extensive tape lending libraries for its members in addition to publishing a monthly Bulletin and an annual Magazine.

Membership information may be obtained by writing: SPERDVAC, $P$. 0. Box 1587, Hollywood CA 90028.

ANNUAL AUCTION FOR THE DALILAS AREA
George Potter, an active member of the Vintage Radio and Phonograph Society of the Dallas area said, "So mark your calendars".

The VRPS will sponsor its annual winter auction to be held Pebruary 17, 1979 at the Texas Power and Light building in Richardson, Texas during the evening.
"Collectors, dealers and the public are cordially invited to attend attend this fine event and further details will be sent next month to The Horn Speaker", said Potter.

## LETTERS

## Dear Jim,

Enclosed is my check for 6.50 to cover a subscription renewsl, and also for a 20 word classipied ad in the next issue. $\operatorname{Tn} x$ for the reminder. Enjoy your publication. Foo bad that Jim Fred is going to give up the "Antique Radio Topics". I hope some one else will take it over. It is a good little publication too.

I've been collecting just a oito over 5 yrs. now, It all started when ny oldest son brought me an Aeriola Sr. 1 tube regen set for a Father's day gift 5 yrs . ago.

Next I found an "Inter-Colonial" (Freshman by another name I'm sure) in an antique shop with a horn spkr. then I really got hooked and started collecting in earnest.
it present I have abt. 120 batt. sets. 411 pre 1926. I only collect 1-2-3 tube regens, or 4-5-6 tube, 3 dial neutros. No electrics and only 2 or 3 single dial sets in the lot. Also have abt. a dozen Xtal sets including the Aeriola Jr. that I just found last week, along with another feriola Sr. $45-50 \mathrm{pr}$. earphones, 13 horn spkrs., $s$ dozen magnatic cóne spkrs., 4 old telephones, abt. 25 pcs. of old test gear, and abt 25 pcs of old telegraph gear, several thousand tubes from 1916 up. Just found 3 Myers RCA audions, (Not_To Be Used as A. Detector) at a Springfield, Mass. Ham radio auction. Sure was surprised to see them turn up there.

I've been a Ham (WIVSR) for 26 yrs. Just started my 27th yr. with Gen. Hlect., Technician in the instrument lab., Age 58 in Feb., looking forward to retirement in abt. another 4 yrs . \& 3 mos.

Good luck, good hunting and 73.
Will be looking for next issue of "ilorn Spkr.", Tnx.

Sincerely,
Chet Wisner
1014 Main St.
Dalton MA 01226

Dear Mr: Cranshaw:
A brochure put out by Morgan and Gladie McMahon of Vintage Radio suggested I contact you in order to obtain subscription details of your publication on antique radios.

I am a newcomer to antique radio collecting and at this time I am particularily interested in obtaining a working model of the Zenith Trans Oceanic portable radio model \#5G40 produced in 1950 or model \#8G005 IT produced in 1946. Any model Trans Oceanic produced between 1946 and 1950 would be acceptable.

I would therefore appreciate if you could let me have a smople copy of your publication, subscription rates and any advice on obtaining the Zenith.

I look forward to hearing from you.

Yours truly,
Brien P.A. Roome
11 Trenton St.
Dollard Des Ormeaux
Quebec $\mathrm{H9B}$ IB6 Canada

Dear Jim,
I have picked up a few more radios since I have written to you last. A home made set, made from all Adam Morgan parts. A Trinity model T-5 made for the U. S. Navy, a Dayton with 3 variometers, also 3 tube set made by Marine Radio Corp. and W.E. 1OD speaker with instruction'book and last a
diamond shape loop antenna. Thats about all for now. Ies, renew my subscription the "Horn Speaker" for another year. Enclosed is check.

Thank you, Julius H. Pilger 123-09 18th Ave. College Point NY 11356

Hi Jim,
Maybe you or one of the subscribers can help me, bought an old console radio \& would like to know something about it. Its an RCA Radiola but thats all I know for sure. The amplifier unit has serial \#RSI SQR \& up on the top section is the \#61.291. The upper level has 4 Cunningham Radiotron 24 A tubes \& 2 Cunningham Radiotron 27 's. The lower level has 1 Cunningham Radiotron 80 \& 2 Sylvania 45 tubes. In front of the lower tubes are numbers on the base UX280 \& UX245 twice. If someone could give me an approximate age on it \& anything else they could tell me would be appreciated. It plays but has to have an antenna line \& has 3 control knobs on front, I think it may pick up other than regular madio but haven't tried to fool with it much yet.

The on-off switch is like a toggle switch on the side of it. Keep up the good work with the Horn Speaker, always look, forward to receiving it.

Sincerely,<br>Jan Parsons<br>P.O. Box 2244<br>Hobbs N.M. 88240

RADIOS THAT WORK FOR FRES
By K. E. Edwards
Hope and Allen Publishing Co.
P. O. Box 535

Belmont CA 94002
Copyright 1977
\$5.00 a super book!
Thank you,
Ken Ladd

Many collectors obtain AC sets (particularly black dial Zeniths of the 30's) with broken or missing dial glass. You can obtain a new one by sending the diameter to S . Lerose, Inc., P.O. Box 21208, Greensboro N.C. 27420.

They are a cilock supply house, and sell domed face glass for replacement in clocks. Most sizes cost about \$6. Be sure to send extra for shipping.

> Mark Oppat
> 31800 Balnoral Dr.
> Livonia MI 48154


FOR SALE OR TRADE


FOR SAIE：Early battery radio 12 tubes rare．Best offer over \＄250．or trade for outside horm phonograph． Chuck， 925 Starlite，Grants Pass， Oregon 97526．Ph：503 476－1078．


FRR SALE：Brown British horn cira 1926．Unusually small size（12 inches tall， 7 inch bell）．Excellent con－ dition，working．$\$ 115.00 \mathrm{ppd}$ ． Greg Dockter， 2519 Ave．C，Bismarck， N．Dek．58501．

FOR SALE：Battery cable．In addition to the 10 conductor caina we sell we now have an authentic four conductor cable．Each conductor is cloth in－ sulated and of a different color． Both cable types are housed in a brown cloth knitted sheath．The cost of either cable type is $75 \$ / \mathrm{ft}$ ．plus shipping．Order from Olde Tyme Radio Co．， 2445 Lyttonsville Rd．，Silver Spring MD 20910.

ATHIER KENT REPLICAS Bread Board switches $-\$ 10.00$ ，front plates for variometer，variocoupler，and 211 tuners $-\$ 8.50$ ．AK thumb nuts，SASE for sample．Replicas of any dial or knob．WD11 or UV99 adaptor－$\$ 5.50$ ， 2 for $\$ 10.00 \mathrm{pp}$ ．
L．Parry， 17557 Horace，Oranada Hille， CA 9134．

FOR TRADE：Atwater Kent 1926 wooden window display．Folding 3 section $48^{\prime \prime}$ X $22^{\prime \prime}$ fully extended．Paintings in excellent condition． Guy Martin，$P_{0}^{\prime} O^{\prime \prime}$＇Boz＇A；Azusas，＇CBali－ fornis 91702.

FOR SALE OR TRADE


2．
FOR SARE：Solid State＂An，＂B＂and ＂C＂poiver supply for operation of 1920＇s battery racios．Price $\$ 109.50$ postage paid．Send SASE for infor－ mation to：Gary Schneider， 6848 Com－ mormealth Blvd．，Parme Hgts，OH 44130.


FOR SALE：Gilfillan Peter Pan cathedral $\$ 275$ or best offer．Have many more old radios，send 3 ．for list．Chuck， 925 Starlite，Grants Pass，Oregon 97526．Ph： 503 476－1078．

FOR SAIE－NEN AUDIO INTURSTAGE TRANSFORNERS：Universal replacement for Single or Push－pull plates to single or push－pull grids．When used single plate to single grid，ta taps available for $1.1 .5,1: 3$ or 1：6 turns ratio．\＄6．25 each，2／42． or $4, \$ / 22.00$ ．Add for parcel post shipping； 0.9 pounds per transformer． OLD STYLE CLOTH COVERED WIRE：I8－ gauge AC line cord in gold or brown． $20 \phi / f t$ or $16 \$ / \mathrm{ft}$ for 100 or more． OK to mix colors to get 100＇．Add ${ }^{*} 1.50$ shipping．
NEN CRTSTAL SFT PARTS：Crystal de－ tector assembly w／crystal \＄1．50． Crystal holder＋arm＋whisker $85 \phi$ ． Galens crystal 65ф．Aat＇s Whiskers 2／50申．Fahnestock clips 10／80ф． Phone tips 10／75申．Add 75 4 shipping． NOTICE：Crystal set part prices will go up 20\％January 15， 1979.
AUTHENTIC HORN SPEAKER CORDS： $4 \frac{1}{2}$ ， long \＄3．， $10^{1}$ long 触．State second choice－discontinuing these items． Add availability．SASE for more infor－ mation and wire samples．
Robert Goodman， 7943 Ponce，Canoga Park CA＇ 91304.

TRADE：Green can A．K．TA Breadboard 2－Stage A．F．Amplifier for TA de－ tector－one or two－stage amplifier． Rosss＂Shyth；＂1133＇Strong；＂Elkhat IN 46514 。

FOR SALE OR TRADE


FOR SAIE：Victor V－VI：works，ex－ cellent appesrance，$\$ 90.00$ ，shipping． From Tinfoil to Stereo，brand new （Sacs） 89.00 pmd．Erolution of the Phonugraph，six part cerial（Hovember 1955 thru May 1956 Radio News），com－ plete， 20,00 ppd．Greg iocleter， 2519 Ave．C，Jismarck，N．Dak． 58501.

FOR SALE：All（8 pcs．）potmetal parts for Victor 10－50－1051， 1070 \＆ 955 ．Cast as original，in bronze and aluminum．Have gears and and potmetal part for tone arm on 940 \＆860．Material for tumtable． SASE for prices．
Tony Provenzano， 144 W．Prospect St． Waldwick N．J．07463． 201 445－7898．

## SELL BATTERY AND EIPCTRIC RADIOS

 for the new collector．Also radio books，magazines and tubes．SASE for radio or publication list． Radio Americana，Box 161，West hurley N．Y．12491．OVER 100 early battery \＆A．C．radios， phonographs（cyl．\＆disc）\＆tubes and speakers．You pickup，no ship－ ping．Dexter，104 North Ave．， Abington MA 02351，Tel： 617 878－ 3177.

FOR SALE OR TRADE：Philco 53－642 A．C．／Batt．portable，working，brown plastic cabinet，good exc．small crack one side $\$ 22.50$ ．I pay post－ age，or trade for 1942 or earlier wood cabinet table radio．
John G．Bayusik， 311 Grandview Ave．， Hamden CT 06514．
FOR SAIE：ELMAC PMR6A mobile re－ ceiver，power supply and manual， $\$ 25.00$ ；nice Crosley Dynacone speaker， $\$ 20.00$ ；Crosley 50 needing dial and minor cabinet repair，$\$ 30.00$ ；Radio－ dyne WC－17，nice but warped Iid， \＄50．00．Add postage．George Hausske， 1922 E．Indiana St．，Wheaton IL 60187.

FOR SALE：Selling Rider＇s Manuals， singly or sets．Also early Sams＇ Photofacts，Supreme，factory manuals． Lawrence Beitman，Box L6，Highland Park IL 60035．

FOR SALE OR TRADE：Battery sets， parts etc．，Large list SiSE and
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C8-93 RADIO GUIDE, Week of June 4-10, 1933, Newsprint, condition good... \$3.00 C8-94 RADIO \& TELEVISION NEWS, April 1949, $\$ 4.00$, Aug 48, March and April ' 49 Jun e and Oct, '50, Dec and Jan '51, June, Sept, and oct, '52, and March '59, \$4.00 each, or all for $\$ 30.00$
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C8-96 SERVI $E$, A monthly digest of RADIO and allied maintenance, Oct. ' $32 \$ 2.00$ C8-97 How to build an Five Tube NEUTRODYNE RADIO RECEIVER, complete authoritive instructions and blue prints for those who build their own by Freed-Eisemann Radio Corp., 1923, 31 pages, one page has a picture cut one page missing, $\$ 5.00$

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WANTED: Majestic model 91 chassis and speaker, or complete radio if price is reasonable. Will buy outright or barter equal value in restoration work. Vintage Restorations, 1422 Carter Hill Rd., Montgomery AL $36106 \mathrm{Tel}: 205$ 263-6750.

WANTED: Need top and speaker for Philco model 514, Pg. य 4 second EH. of V.R. Also need antenna and detector coils for Emerson BA-199/ BA-201 radio, Emerson PT \#5AT-L22, 5 AT-423, Pg. 82 first ED of F.O.T.S. John G. Bayusik, 311 Grandview Ave., Hamden CT 06514.

WANTED: Always buying car radios, parts and literature of the $30 \mathrm{~s}, 40 \mathrm{~s}$ and 50s. Please price and describe. Especially wanted, Ford 1930s models. Cash paid. Marvin Roth, 14500 IaBelle, Oak Park MI 48237.

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## WANIED

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Bill Pugh, 2126 E. Myrtle, Phoenix AZ 85020. Te1: 602 943-6782.

WAM TED: "Radio News" for March 1925, also "Radio News" for all months of 1922 - all with covers. Albert Warren, Box 279, Church St., Waverly PA 18471.

CATHEDRAIS WANTED: Restorable AC sets. Also Edison radio/phono., Radiola 24 and 26, DeForrest D-10, chassis/speaker, Philco 26/48 floor model working or restorable. Pat O'Herm, P.O. Box 55456, Houston, Texas 77055.

WANTED: A picture of a Zenith Cathedral model L. A polerold will so. Most of the grill on mine is broken and lost. Need picture for restoration. Also need chassis for Jackson Bell model 84 (Ryders VIII Misc. Pg 803) Russ Goodive, 1401 Franchere Pl., Sunnyvale Cí 94087.

WANTED: Wood table model plug-in redios, especially Cathedrals. Also outside horn phonographs, music boxes, needle tins, record dusters, catalogs, etc. IIOyd, 4618 Adams St., Hollywood FL 33021.

WANTED: Spark type Diathermy Machines or gaps from same. Condition unimportant as long as gaps intact. Bob, W6ME, 4178 Chasin St., Oceanside, Calif. 92054.

WANIED


WANTED: Any early AC Radios using Kellogg 401 tubes or Cardon 373 tubes, including tubes, prits, original IIterature.
Rosenthal, 507 S. Maryland Ave., Wilmington DE 19804.

WANTEI: Can anyone I.D. my Philco Radio? It hes dark green metal cabinet (table type), A.C. chassis, has same tube compliment as my Radiols model 18. Appears similar to schematic for Philco model 87, except has one \#T1A tube where \#87 has 2 \#L5's. I need top and an appropriate speaker. Has anyone a rebuilt or good used $21 Y P 4$ picture tube (or equivalent)? Also need scheratic for Philco model 38-12. Does anyone have a schematic or list of Xtals useable with a Saturn 100 B.C. transceiver, model M.M. 2 made by Muasvrematic Co. of New Hampshire?
John G. Bayusik, 311 Grandview Ave., Hamden CT 065 I 4.

WANTED: Dial Bezel for Zenith 6V27 "Farm" Radio. Uses 6登" glass. Please send drawing and price first letter.
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 R-32.Dave Bittner, 11761 Coleman St., Manassas va 22110.


