

THE LIBRARY

For the CHRS Website,
From Bart Lee, Librarian Emeritus,
July 30, 2018

The Maxwell Memorial Radio Library, in the “Radio Central” Alameda headquarters of the California Historical Radio Society, has enjoyed significant support from the Yasme Foundation, affiliated with ARRL, the National Association for Amateur Radio ®. The library now holds an organized collection of **at least 10,000 magazines** and **at least 1,000 books**, all about radio.

Most of the magazines and many of the books came from the estate of the Late James Maxwell, who acted as the Pacific Division Director for ARRL. Many more have since been donated by CHRS members.

There follows a preliminary inventory with graphics inserted and a mapping of:

Library Holdings.

If one enters from the East Door into the eastern part of the library, one will see to the left the Maxwell Radio Spies collection in the first “bay,” and the librarian’s desk in the corner.

DCBA

16 Wireless World, UK, C&D Rad Lab, C	15 Electronics Illus., etc. above IRE, A
13 CB @ B lower Frank Jones archive, A	14 Older magazines, above Telephone, Telegraph, C

Four

ABCD

DCBA

12 Radio News, Radio Craft, Engineering texts	11 etc. top shelves below
9 Catalogs Engineering texts	10 Radio News, etc. top shelves below

Three

ABCD

DCBA

8 Transistor Radio, C Technical, D Electrical	7 Utility Radio, A&B A.R.C. above
5 Tubes, A o'scopes	6 Auto below Television, B Collecting, D Servicing, C

Two

ABCD

DCBA

4 Rex Allan Television Long Wave Radio	3 Rex Allan Broadcasting Short Wave Radio
1 Radio Spies, A&B	2 Histories, D Fiction, C Military

R
One

L

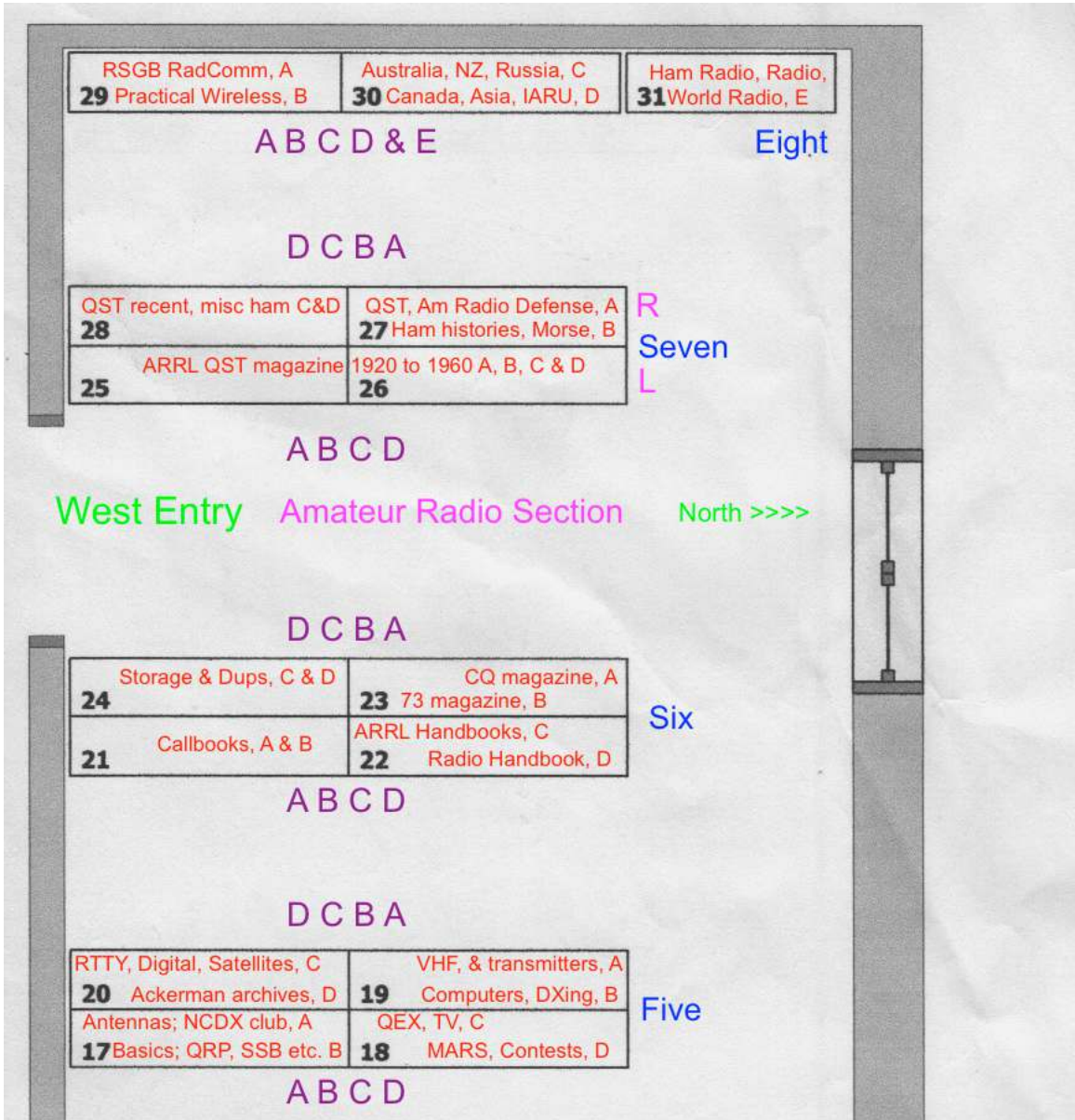
ABCD

Primary Collections, Maxwell Library, CHRS

East End

30" x 72"
Table

North >>>>



(A subject Inventory follows and runs through many pages).

The library has seven full bays of shelves, posted as, e.g., as “Row One Left, Row One Right” looking from

the library window side (North), the library corridor (see diagrams above).

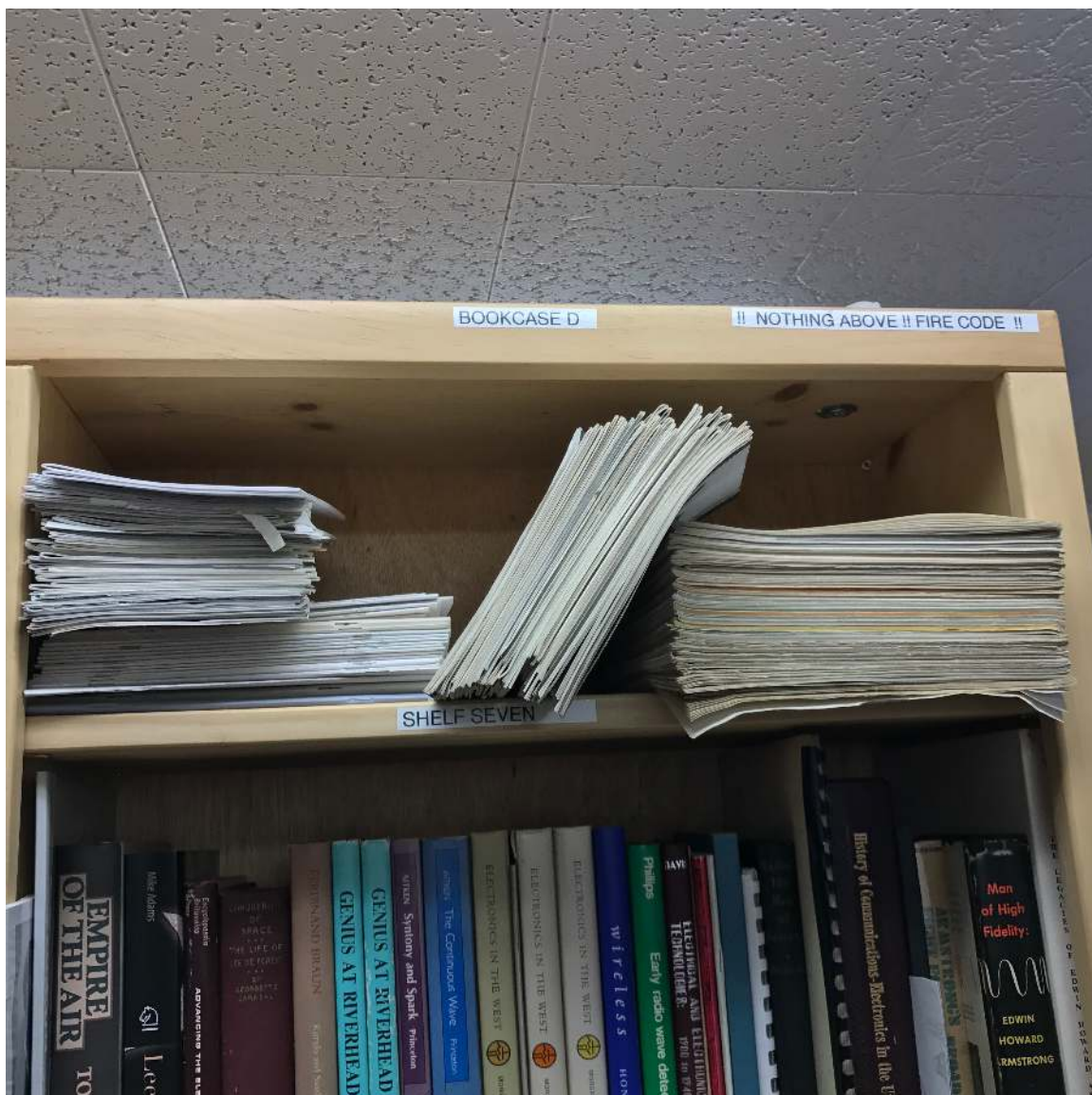
Bay One, Row One (Left) labeled:



Shelf numbering in each bookcase starts with “1” at the bottom, and runs up to “6” or “7”.

Each of the 14 row sides has four bookcases. (The last, an eighth bay, is partial, against the library West wall, in one row of shelves, Row 8 (Eight) Left; in this row there are five bookcases).

Top of Row 1, Case D:



In each row side, left and right, the four bookcases are labeled A through D, starting with the far left of Row 1, left side (Radio Spies).



Example Row 1 Case D looking down:



At the end of Row 1, left side, the bookcase labels then go from D to A, against the wall. To the right side of Row 1 (= Row 2), the bookcases start with A at the open end and go to D against the South wall. Then for Row 3, at the wall end the bookcases start with A going to D at the corridor end; etc.

In each bookcase there are (often) four or more big shelves and one smaller shelf. These are all labeled from the bottom up, so the floor level is always Shelf One.

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The following partial inventory describes the main contents of the library by row numbers and left and right sides, and often, case letter and shelf number. Generally, amateur radio texts and magazines are at the West end; other radio collections are on the East end. Generally, collections run (more or less) horizontally across the bookcases, as do periodicals. Beneath periodicals engineering texts are shelved. Considerable organizing remains to be done in each collection. Then the next task, to be done by people who know what they are doing, will be, eventually a library database that will facilitate access for researchers, members and visitors.

CHRS Library 2018 Inventory of Subjects:

[East section, First Bay]

First Row

Row 1 Left (L)

Row labels: Maxwell Radio Spies collection, cases A & B; Fiction Case C upper shelves; Histories of Radio, case D

Case A Radio Spies shelf: 7 World War One (top) 6 Sources and Methods 5 Signals Intelligence 4 Japanese 3 Russian Spies 2 World War Two Radio Spies 1 TBD

Case B Radio Spies shelf: 7 NSA histories etc. (top) 6 World War Two Radio Spies 5 World War Two Radio Spies 4 World War Two Radio Spies 3 Naval & Modern Spies 2 Military radio 1 Military etc. radio: *Electric Radio*

Case C Fiction and Journals shelf: 7 *CHRS Journals* (top) 6 *CHRS Journals* & “Radio Boys” volumes duplicates 5 Fiction, and radio for boys books

4 “Radio Boys” & “Tom Swift” and the like juvenile fiction 3 “Radio Boys” volumes 2 Antique Wireless Assn. Journal (ne OTB) 1 *AWA Review*; [WW II radio] Surplus Conversion

Case D Histories shelf: 7 TBD 6 Histories

5 Histories — Inventors 4 Marconi 3 Tesla 2 Histories

1 Crystal sets; radio law \\

Second Row

Row 1 Right (R)

Row labels: Rex Allan broadcasting collection, upper shelves Rex Allan TV cases C&D lower shelves Short wave radio, lower shelves Long Wave radio, case D shelf 1

Case A Start of Rex Allan above, start of Short Wave Radio below shelf: 7 MARA Old Time Radio 6 Rex Allan Broadcasting Collection, start by author

5 Rex Allan Broadcasting Collection, by author continued 4 Short Wave radio Collection, treatises and *Passport to World Band Radio*, start 3 *World Radio Handbook* by year 2 Short wave magazines, incl. *Popular Communications*, start 1 duplicates

Case B shelf: 7 Broadcast Industry datebooks 6 Rex Allan Broadcasting Collection, by author continued 5 Rex Allan Broadcasting Collection, by author continued 4 *World Radio Handbook* by year start 3 Short wave radio histories and station lists 2 Short wave magazines, continued 1 Short wave magazines, continued

Case C shelf: 7 Short wave journals and books 6 Rex Allan Broadcasting Collection, by author continued 5 Rex Allan Broadcasting Collection, by author continued 4 Rex Allan Broadcasting Collection, by author continued 3 Rex Allan Broadcasting Collection, television, by author continued 2 Rex Allan Broadcasting Collection, television, by author continued 1 Short wave archived magazines 1930s etc.

Case D shelf: 6 *Short Wave UK* and early *Monitoring Times* 5 Broadcasting Satellites 4 *Short Wave* magazine UK 3 Rex Allan Broadcasting Collection, television, by author continued 2 Rex Allan Broadcasting Collection, television, by author continued 1 Long Wave radio \\\

Second Bay, = Third Row

Row 2 L

Row labels: Case A & B Television Servicing Case A Auto radio Case A Oscilloscopes shelves 5&6 Case C Servicing Case D Collection of Radio, TV

Case A shelf: 7 Vacuum tube manuals (top) 6 Oscilloscopes 5 Oscilloscopes 4 Television histories 3 Television technical 2 Vacuum tube histories and manuals 1 Vacuum tube manuals

Case B shelf: 6 Radio servicing duplicates (top) 5 Radio propagation, radio astronomy 4 Television servicing 3 Television engineering 2 Radio servicing 1930s - 1940s 1 Auto radio

Case C shelf: 6 *Radio Age* magazine (top) 5 Radio servicing & Construction 4 Radio servicing treatises 3 Radio servicing 2 Radio servicing 1 Radio servicing

Case D shelf: 7 British Antique radio (top) 6 Collecting guidebooks 5 Collecting guidebooks 5 Collecting guidebooks; communications receivers 3 Collecting guidebooks 2 Testing and Lab equipment 1 Servicing handbooks RCA //

Fourth Row

Row 2 R

Row labels: Antique Radio magazines, cases A & B upper Transistor Radios case C shelves 2 through 5 Utility Radio cases A & B, shelves 1 through four

Case A shelf: 7 *Antique Radio Classified* (top) 6 *Antique Radio Classified* 5 *Antique Radio Classified* 4 Utility radio aviation & treatises 3 Utility radio operating & maritime 2 Utility radio periodicals 1 Utility radio periodicals

Case B shelf: 7 *Antique Radio Classified* TBD (top) 6 *Antique Radio Classified* 5 Radio Club of America 4 Utility radio examinations 3 Utility radio lists 2 Utility radio misc. 1 Utility radio misc.

Case C shelf: 7 Electrical and Radio handbooks, 1920s 6 RCA review and misc. RCA 5 Transistor radio Photofact(s) 4 Transistor technical and history 3 Transistor manuals 2 Transistor radio Photofact(s) 1 Misc.

Case D shelf: 7 Electrical manuals 1920s (top, radio manuals dups above) 6 Electrical manuals 1920s 5 Antenna engineering 4 Radio engineering set 3 FM (frequency modulation) engineering 2 Radio schools courses 1 Radio schools courses //

Third Bay, = Fifth Row

Row 3 L

Case A shelf: 6 *Radio Broadcast* (top) 5 *Radio ... Call Book* 4 *Radio Engineering* magazine 3 *Radio World* 1930s 2 Heath catalogs 1 Frank Jones archive

Case B shelf 6 *Radio Broadcast*, *Radio News* 5 *Radio* magazine, 1922 +@ B 4 Periodicals incl. *Short Wave Craft* 3 Periodicals incl. *Pacific Radio News* 2 Citizen band (CB) radio, periodicals 1 Citizen band (CB) radio, by author

Case C shelf 6 *Radio News* and its Handbooks 5 *Radio* magazine 4 *Radio Craft* 3 *Citizens Radio Callbook* 1920s +; Scott 2 Telephone & Telegraph 1 Measurements engineering

Case D shelf 6 *Radio News* 1930s 5 *Radio* magazine 1942+ 4 *Radio Craft* 3 Popular non-radio magazines for context 2 Broadcast engineering 1 Misc. //

Third Bay, = Sixth Row

Row 3 R

Row label Radio News 40s & later

Case A shelf 6 *Radio News* 1930s+ 5 Hobby catalogs (*e.g.*, Allied radio) 4 *Radio Craft* 1940s 3 *Electronics* magazine 1940s 2 Engineering texts 1 Engineering texts

Case B shelf 6 *Radio News* magazine 5 Catalogs for industry 4 *Radio Electronics* magazine 1950s 3 *Electronics* magazine 2 Engineering texts 1 Engineering texts

Case C shelf 6 *Radio News* magazine 1940s 5 *Audio* magazine 4 *Radio Electronics* magazine 1950s+ 3 *Electronics* magazine 2 Engineering texts 1 Engineering texts

Case D shelf 6 *Radio & Television News* magazine 5 *Modern Electronics* 1960s+ 4 *Radio Electronics* magazine 1960s+ 3 *Electronics* magazine 1960s 2 Engineering texts 1 Engineering texts //

Fourth Bay, = Seventh Row

Row 4 L = TBD

Above, older magazines; CB collection at Case B lower.

Case C Lower: Telephone & Telegraph.

Below: Frank Jones Archive on A; Engineering texts on lower shelves.

D C B A		Four
Wireless World, UK, C&D 16 Rad Lab, C	Electronics Illus., etc. above 15 IRE, A	
CB @ B lower 13 Frank Jones archive, A	Older magazines, above 14 Telephone, Telegraph, C	
A B C D		

Fourth Bay, = Eighth Row

Row 4 R

Label:

Electronics Illustrated

Case A shelf 5 *Electronics Illustrated* 1950s+ 4 Institute of Radio Engineers 1930s 3 Institute of Radio Engineers 1943 2 Institute of Radio Engineers 1950s 1 Institute of Radio Engineers

Case B Shelf 5 *Electronics Illustrated* 1960s+ 4 *Elementary Electronics* 1970s 3 *Wireless World* UK 1950s+ 2 TBD 1 TBD

Case C 5 *Radio TV Experimenter* 1960s 4 *Wireless World* UK 1960s+ 3 *Radio Television Australia* 2 *Technical (Radiation Laboratory series)* 1 Engineering texts

Case D shelf 5 Company journal *Lenkurt Demodulator*, Vol 1 + (1960s) 4 TBD 3 *Wireless World* UK 1970s+ 2 TBD 1 TBD //

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Fifth Bay, = Ninth Row

[West section, (Amateur Radio), Bay 5 on]

Row 5L

Case A shelf 6 Ham tech, equipment 5 *Ham Tips*, Ham Tech 4 Antennas, amateur 3 Antennas, amateur 2 *NorCal DXer* 1 *DX Bulletin* (KY)

Case B shelf 7 Ham basics 6 *Hints & Kinks*, mobile operating 5 Single Sideband (SSB) 4 QRP 3 TBD 2 *West Coast DX Bulletin* 1 *DXer's Magazine*

Case C shelf 6 FM repeaters 5 *QEX* (ARRL) 4 Amateur television 3 *Ham Radio Horizons*, *AM Radio Communicator*, etc. 2 DX clubs' Newsletters 1 DX Magazine

Case D shelf 7 TBD 6 TBD 5 MARS operations 4 TBD

3 TBD 2 Contesting 1 Contesting - files //

Fifth Bay, = Tenth Row

Row 5 R

Case A shelf 5 TBD 4 V H F publications 3 Various company ham magazines 2 Manuals re transmitters; 1 TBD

Case B Shelf 6 Old Log Books 5 DX-ing books 4 TBD 3 Computers and ham radio 2 Rotary calculators 1 ARRL etc. directories; NZ ART callbooks

Case C Shelf 6 TBD 5 RTTY radioteletype 4 Ham satellites 3 Packet and Digital Radio 2 TBD 1 RSGB British and also Australian callbooks

Case D Shelf 7 RTTY 6 QCWA 5 QCWA; O-O-T-B

Sixth Bay, = Eleventh Row

Row 6 L

Case A shelf 6 Callbooks 5 Callbooks 4 Callbooks 3 Callbooks 2
Callbooks 1 Callbooks

Case B shelf 6 Callbooks 5 Callbooks 4 Callbooks 3 Callbooks 2
Callbooks 1 Callbooks

Case C shelf 5 ARRL Handbooks 4 ARRL Handbooks 3 ARRL
Handbooks 2 ARRL Handbooks 1 TBD

Case D shelf 7 *Radio Handbook* (“West Coast”) 6 *Radio
Handbook* (“West Coast”) 5 *Radio Handbook* (“West Coast”) 4
Amateur radio introductory books 3 TBD 2 ARRL handbooks
dups 1 ARRL handbooks dups //

Sixth Bay, = Twelfth Row (West Entryway TBD Space
above for posters, graphics, etc)

Row 6 R (Amateur Radio magazines)

Row label Amateur Radio CQ Magazine Amateur Radio 73
Magazine

Case A shelves 1- 6 *CQ* magazine from issue #1

but too few current issues.

Case B shelves 1- 6 *73* magazine from issue #1 but too few last
issues.

Cases C & D: only shelves 1-4 available Now storage, future.

Seventh Bay, = 13th Row (West Entryway)

D C B A		
QST recent, misc ham C&D 28	QST, Am Radio Defense, A 27 Ham histories, Morse, B	
ARRL QST magazine 25	1920 to 1960 A, B, C & D 26	
A B C D		
West Entry	Amateur Radio Section	North >>>

Row 7 L (NB: QST before 1920 to Archives)

Main ARRL QST collection; Row label ARRL QST 1920 to 1960s

Cases A through D All Shelves (pre-1920 issues will go to the archives)

(duplicate handbooks and other publications are occasionally interspersed) //

Seventh Bay, = 14th Row

Row 7 R [QST continuing; Misc. and TBD]

Case A shelf 6 QST magazine, ARRL 1965+ (top) 5 TBD 4 TBD 3 Comm. Quarterly, Amateur Radio Defense (San Francisco, 1941) 2 TBD 1 TBD

Case B shelf 6 QST magazine, ARRL, 5 TBD 4 TBD 3 Morse code, cryptology 2 Ham histories 1 TBD

Case C 6 QST, ARRL 1970s 5 Radio Sporting magazine, Radio

Amateur News, etc. 4 Maxwell archives, presentations 3 Maxwell archives 2 Maxwell archives 1 Maxwell archives

Case D 6 *QST*, ARRL, 1970s 5 *QST* recent, recent ARRL handbooks 4 *Western Radio Amateur*, *West Coast Ham Ads* 3 Maxwell archives 2 Maxwell archives 1 Maxwell archives //

Row 8 Left (partial Bay, on wall, facing) Cases A through D + **E (extra)**

Case A shelf 6 *RadComm* magazine (RSGB: *Radio Communication*) 5 RSGB Handbook 1940s & RSGB *RadComm* magazine 4 , 3, 2 *RadComm* magazine (RSGB: *Radio Communication*) 1 Radio Society of Great Britain (RSGB) handbooks

Case B shelf 6 *Focus*, FOC (First Class Operators Club) 5 *Morsum Magnificat*, & Irish Radio Transmitters Society 4 TBD 3 *Practical Wireless* UK 2 *Practical Wireless* UK (1 TBD)

Case C shelf 6 NZ *Break In* 5 NZ transmitters ham magazine 4 *Amateur Radio*, Australia 3 *Amateur Radio*, Australia 2 Russian ham magazines and books (1 TBD)

Case D shelf 7 Canada magazines (RAC) 6 Canada, France, Germany ham magazines 5 Misc. foreign magazines 4 China, Japan etc. ham magazines 3DXpeditions, IARU 2 Greek ham magazine (1TBD)

Case E 7 TBD 6 *Radio* (ham) 1930s magazine 5 *Ham Radio* magazine 4 *Ham Radio* magazine 3 *Ham News* 2 *World Radio* (ham) 1 TBD

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Some wisdom literature declares (Ecclesiastes 12:12):

... [O]f the making of books there be no end...

Primarily **David Harris** and **Hil Hampton**, with help, have organized something over 10,000 magazines and maybe 1,000 books., since CHRS's KRE days. A shelf can hold as many as 70 magazines, often somewhat fewer, call it 60. Books fit about ten to a shelf on average. The library's seven and one half full bays contain about 350 working shelves, inasmuch as a few are partial or empty. Figure 6x4 shelves per row-side, = 24, so 48 for each row (bay), call it 50, times 7 full rows (leave out the partial bay number eight to compensate for empty shelves) = 350 shelves full more or less. Figure 70% magazines and 30% books. Now, 70% of 350 shelves comes to 245; 245 shelves of as many as 60 magazines each is 14,700 magazines organized on the shelves, more or less. Similarly, 30% of 245 comes to 105 shelves devoted to books. At ten books per shelf, that amounts more than 1,000 books on the shelves. Closer examination will make for better calculations, but to be conservative, the library holds at least 10,000 organized magazines and as many as 1,000 organized books.

Bart Lee for CHRS Website, revision of 30 VII 2018 ##