

ELECTRONIC PERSPECTIVES WORK NOTES

Changes 29 JAN 2019 300 DPI PDFs

02--1 [replace LH bottom caption with:]

Wiring: higher octave 2:1/4:1/8:1/16:1 harmonics on lower keys are shared as 1:1 fundamentals of higher keys on keyboard.

Additional image enhancement + restoration

03--3 [captions]

Keyboard at Telharmonic Hall, New York City.

Playing an early model Telharmonium.

Thaddeus Cahill as a young man.

06--1 [Possible to mitigate some of the reflection of light on instrument?]

-did my best

06--3 [new caption]

"cognoscenti" misspelled

New caption:

Hammond Organ debut (15 April 1935). Pietro Yon plays for symphony and opera cognoscenti Fritz Reiner, Constantine Yon, Colette d'Arville, Rosa Ponselle, Deems Taylor, Giovanni Martinelli, and Leopold Godowsky.

08--1 [caption inconsistency LH top image English. Keep caption on right as is.]

New caption LH top:

Spielmann's Superpiano in Technical Museum Vienna.

11--2 [reminder to Tom. Ask for permission Welte pic see Peter Donhauser Sources.]

Email doing so is away; await answer . . . 06 Feb 2019

Permission given by Gerhard Steinke . . . 06 Feb

13--1 [no use of ampersand]

New caption:

Oskar Vierling and his electric cello.

17--2 [color photos available?]

Aren't the three (3) Rhodes Pre-Piano images available in color? Check this. Let's discuss.

Added red Rhodes Piano Bass

21--1 [add date 1932 low picture caption]

Theremin ensemble at Carnegie Hall (1932).

21--2 [punctuation]

period after Theremin Electrio[.]

comma after Clara Rockmore[.] Premiere Theremin Artiste (ca. 1940).

30 January 2019

Add Photo: TOPPO New York
to the credits for photograph RH page bottom (courtesy Robert Sherman) . . .

21--3 [caption?]

Concert featuring Leon Theremin and Clara Reisenberg Rockmore.

21--4 [caption]

30 January 2019

On LH page of 21--4 showing C Rockmore recital, place, under the program:

Courtesy Robert Sherman, Nadia Reisenberg and Clara Rockmore Foundation.

23--1 [caption incorrect LH page]

New Caption:

Magazine cover depicting the Staccatone, forerunner of the Pianorad (March, 1924).

24--1 [punctuation "ca" should always have a period!]

See Miller Voice chord photo . . .

25--1 [accent on Grofé]

Bottom left caption . . .

25--2 [color rendition and new caption]

Brochure on RH page seems too pink . .

30 January 2019

New Caption:

Photo Courtesy of Sweetwater Sound

in every place we used Sweetwater's Novachord color photos!

.

25--3 [add captions and new caption]

Hammond Novachord rear view. Note tube amplifier.

Novachord showing keying capacitors.

Novachord showing tilt-up electronics.

30 January 2019

New Caption:

Photo Courtesy of Sweetwater Sound

in every place we used Sweetwater's Novachord color photos!

All photographs courtesy Sweetwater Sound. Use New Caption above.

25--4 [wording in caption]

Replace "Exposition" with "Pavilion" in caption on RH page.

26-1 [graphics RH and caption LH]

New Caption:

Al Kooper of Blood, Sweat, and Tears playing Clavioline (ca. 1968). It's an Ondioline (Wally).

"The Clavioline" graphic on RH page seems misaligned with box over it . . .

26--5 [captions needed and RH graphics anomaly]

New Captions:

Detail of Bode Tuttivox.

[more contrast?]

Clavioline Orchestra with Bode Organ (ca. 1955).

See bottom RH page for vestigial caption peeking out at bottom . . .

27--2 [caption and RH should be color]

New Caption RH page:

Bruno Helberger plays Hellertion for Peter Lertes.

27--3 [added caption]

Orchestra of the Future, Berlin (ca. 1932). (L-R) Helberger: Hellertion; Electric cellist; Sala: Telefunken Volkstrautonium; Hellertion; Neo-Bechstein piano; Oskar Vierling: Nernst, Vierling, Forster Electrochord piano; Electric violin; Wolja Saraga: Saraga Generator; Erich Zitzmann-Zerini: Theremin variant; Volkstrautonium.

Photo: Archive Gerhard Steinke.

28--3 [punctuation]

Too many spaces after period for "Trautonium Trautwein: 1932[].

30--1 [added word to 1952 caption on RH]

. . . of [their] piano and flute . . .

30--3 [added captions]

New captions:

Intonarumori and performers. [LH]

L.A. Meacham's "Wobble Organ." [RH]

[should probably put older photo at top and group all Meacham with each other at bottom or reverse of this.]

[30--4 Caption addition]

LH page for Allefex, add caption after existing caption period:

Sound effects (SFX) machine for early films without soundtracks.

30--9 [captions added]

[LH] Gilbert M. Wright, inventor of the Sonovox.

[RH] Using the Sonovox, NBC radio studio to make instruments "talk."

30--10 [caption RH and LH page]

Computone Lyricon developed by Bill Bernardi and Roger Noble (ca. 1971). [RH]

add "ca. 1975" to "Nyle Steiner . . ." [LH]

[34--2 No caption on Grainger-Cross color double wide must research. It should go between Grainger and Cross articles.]

07 Feb: caption is now in our hands.

38--3 [put RH picture to right of "Bode Model 6000" and abandon this double wide]

38--4 [caption over bottom LH photo]

New caption:

Trained performers produce human speech using the Voder, a variant of Bell Labs' Vocoder technology.

[39--1 erasure on RH page]

RH page has an erasure near bottom left column that obscures text and column box line.

50--2 [color rendition LH page seems too green]

[50--4 capitalization LH captions bottom]

"First" of First Moog Quartet should be capitalized.

Captions on LH and RH pages should be switched, as Gershon appears on RH page.

50--8 [spelling and caption punctuation LH]

"pioneered"

"digital orchestral analyses . . . " [no comma]

51--2 [circa abbreviation should be "ca." Don Buchla and Music Easel]

51--4 (add caption]

New Caption:

Buchla 100 and 200 series systems.

Student restorers William Mauro and Dani Dobkin with faculty adviser David Vallancourt, a senior lecturer in Electrical Engineering, Columbia University.

Photograph: Timothy Lee Photographers/Columbia Engineering.

52--2 [caption]

Lejaren Hiller and Illiac Computer.

52--4 [spelling"

LH "composers"

52--6 [put caption RH in center between photos]

52--5 [caption]

New Caption:

Max Mathews' Music From Mathematics EP, very early vinyl edition of computer music (ca. 1960).

[also add 1995 date for C Music Currents 13]

[This double wide should be placed immediately after 52--1]

[27--2 LH page Lertes book STILL is not in color!]

Will await this revision with batch of 06 Feb.

[28--3 Revised caption RH page lower left: (as per our emails to each other):

"Trautonium by Friedrich Trautwein (1932)."

06 FEBRUARY 2019

[30--3 New caption LH page for Intonarumori]

"Courtesy Daniel R. Wilson"

[16--1 redundant captions!]

Remove redundant caption on RH page that references LH page.

[16--1 caption now missing, LH bottom]:

"Wurlitzer 110"

[27--3 caption placement]

Align entire caption across RH and LH pages as best to indicate who is on which page:

"Orchestra of the Future, Berlin (ca. 1932). (L-R) Helberger: Hellertion; Electric cellist; Sala: Telefunken Volkstrautionium; Hellertion; Neo-Bechstein piano; Oskar Vierling: Nernst, Vierling, Forster Electrochord piano; Electric violin; Wolja Saraga: Saraga Generator; Erich Zitzmann-Zerini: Theremin variant; Volkstrautionium."

Photo: Archive Gerhard Steinke.

ADDED 07 FEB:

Grainger/Cross

[35--2 Add caption across LH-RH pages, just received from Rosalind Hall email (copied you) see below]

Look at the data below, and create a caption in similar style to 34--1 Grainger column reference number last, I believe.

5 Reference number: 4.0175

2 Creator's Name: Percy Aldridge Grainger (1882-1961)

1 Title: "Kangaroo Pouch" method of synchronising and playing 8 oscillators
3 Date created: 28 April 1952
4 Medium: Watercolour and ink on paper

+ Additional layout configuration.

[50--4 word replacement caption RH page]

Replace "directs" with "rehearses"

[51--4 caption placements]

Move photo credit to LH page, right side of image.

Place names of restorers on RH page by their images! And I like your original caption, somewhat edited:

"William Mauro, Dani Dobkin, and Faculty Advisor David Vallancourt, Columbia University, who restored this Buchla 100 System." [NOTE capitalizations Faculty Advisor and System etc.]

NOTE REVISION OF 07 FEB:

"William Mauro, Dani Dobkin, and Faculty Advisor David Vallancourt of Columbia University restored this Buchla 100 System."

Put photo credit on LH page . . . "Timothy Lee Photographers, Columbia Engineering."

[52--4 spelling and credit placement]

"Albright-Knox" not "Allbright-Knox"

RH page caption should be equidistant between upper and lower images? It belongs to both images.

[52--5 captions placement and wording change]

LH page caption:

"Dr. Max V. Mathews."

RH page. Caption for lower image should be on lowest level adjacent to image (just move it down)

RH page. Caption for upper image should be moved up to top of image, with change of caption, second line:

"Published (ca. 1995)."

Then space downward as is . . .

Then leave space downward before names of composers begin.

[52--6 content of double wide and caption RH page]

Caption RH, add "hybrid digital-analog" prior to "Groove . . . "

Would like to be able to include Music Mouse or other computer music graphic. How?

NEW CHANGES DATE 06 FEBRUARY 2019

[03--4 stronger graphic for LH page sent via email LINK on this date Dropbox . . .]

[15--3 better scan of Hardman, Peck and Company Piano, note comma after Hardman]
You have the brochure . . . from our last meeting. To remove moire artifacts . . .

-Scanned. Will add to layout soon.

Sehr gutt mein Herr.

[48--2 . . . replace LH photo]

Replace LH photo of Le Caine with TS Organ with Polyphone, suggest Polyphone Front 2 and Polyphone PR side 2 images placed side by side to each other. Images sent via email LINK 07 Feb.

[48--2 LH caption addition]

"Hugh Le Caines Polyphone (1970), an early polyphonic synthesizer."

Photo courtesy of Don Kennedy for National Music Centre/Canada Science and Technology Museum (CSTM) CSTM artifact no. 1986.0004

08 FEBRUARY 2019 ALTERATIONS

[27--3 Caption date change]

Correct date "(1933)" not "(ca. 1932)"

YORE MISSION, PUPPY, IS TO GET RID OF DA "RED!"

Joe, new on new . . .

[27--3 date and division of caption]

“1933” no ca.

Wouldn't “Forster Elektrochord” image fall on RH page? If so, put caption of that on RH page.

[34--2 RH-LH vertical captions alignment]

LH and RH page captions don't seem to be aligned vertically to each other?

Why not try lining it up with the top line, there is more negative space on LH page . . .

[52--6 caption error]

Bottom RH page caption, see “hybrid hybrid”

[30-10 captions]

See my email for captions for EVI and EWI.

Further email from Matt Traum @ 7:45 PM with two additional corrections . . .

[46--1 caption LH bottom]

Change to “(ca. 1970).”

[06--1 RH Hammond II article]

Change “Walter” to “Wendy” in first paragraph RH column page.

[45--1 photo attribution]

“Courtesy Pril Smiley” put flush right LH bottom picture. Put caption flush left.

09 February 2019

[02--1 revised caption LH bottom image]

My choices here were poor; looks like fractions due to use of “/” character. Revised:

“Octave harmonics 2:1 4:1 8:1 16:1 on lower keys shared as fundamentals on higher keys of keyboard.” Note two (2) spaces between ratios, beginning of this caption.

[17--2 caption change RH bottom image]

“Photos courtesy Fred Dileone, Vintage Vibe Pianos”

Also RH upper right “Photo Rick Landino” lacks colon “:” as other photographer credits on this page have.

[27--3 caption positioning]

“Oskar Vierling: Nernst, Vierling, Forster Electrochord” caption element belongs together, should not be broken up across LH-RH pages. If this piano, which is front and center, is on the RH page, then put this caption element there. Might need to put attribution (Courtesy Gerhard Steinke Archive) on LH page for visual balance in this case . . .

[48--2 grammar]

Possessive case “Caine’s”

FEBRUARY 10 CHANGES

[38--5 caption RH page]

“Photos and artifacts courtesy Peer Bode and Rebekkah Palov”

[50--1 caption addition]

RH top photo of Carlos synth need to place (somewhere under picture!):

“Courtesy Wendy Carlos”

[50--9 addition to RH Mini Prototype captions]

For Prototype A

“(1969)”

For Prototypes B, C, and D

“(1970)”

Also want to change order, and put current 50--9 with Mini Prototypes and Emerson synth as # 3 in the Moog lineup, i.e. # 50--9 becomes #50--3 and all others move according by number.

Unclear on how to do this both at Photoshop level and 300 DPI PDF level . . .

FEBRUARY 11 NEW MOOG ORDER CHANGE:

See email sent today that shows new order. Basically Moog Prototypes with Mini prototypes is now 50--3 and all other layouts move down by one (1).

Now, within those Moog layouts:

[50--1 caption photo courtesy]

"Courtesy Wendy Carlos"

[50--2 add date in caption LH page]

"(1964)."

[NEW 50--3 MOOG PROTOTYPES]

Still need new dates for Minimoog prototypes A, B, C, and D as requested above.

[NEW 50--5 teitelbaum caption add date]

"(1967)."

[NEW 50--9 dave luce RH page add caption]

"Polymoog advertisement (ca. 1975)."

MOVED BODE SYNTH 38--4 TO BECOME NEW 33-2 IN ON SYNTHESIS AND
SYNTHESIZERS SECTION

We will remove Bode Frequency shifter image and place in Bode group per se . . .

Adjust caption appropriately by leaving out the 'right' designation for caption and removing 'left'
etc. Center image and caption.

New double wide for Trautonium, Hitchcock photo, Subharchord (and possibly Peter Donhauser
color photo of Mixtur-Trautonium?):

[caption for Subharchord]

"Subharchord (ca. 1961) by Ernst Schreiber and Gerhard Steinke provides sub-harmonics similar to Sala's Mixtur-Trautonium." Possible additional "Used for East German films."

"Courtesy Gerhard Steinke Archive"

Subharchord images sent via email 11 Feb . . .

LATE CHANGES AFTER RECEIPT OF 11 FEB GROUP

[50--6 Teitelbaum add to caption] note, this is 50--6, not 50--7

Put word "Musica" in front of "Elettronica Viva"

Also, why period at end "Europe." then date in parens then another period?

" . . . Europe (1967)."

[50--9 Luce captions RH versus LH]

Captions don't align on RH and LH pages vertically . . . ?

Try centering RH caption as well.

- Centered the caption

[50--2 Moog prototype caption change LH page]

"First prototype Moog Synthesizer: 2 VCOs and 2 VCAs (1964).

[21--3 Theremin double wide caption change]

Change "Concert" to "Recital"

[21--9 Theremin Cello / Mischa Tulin]

-Clean up article / retype captions.

Theremin mag

DON'T FORGET TO SEND ME THE DOUBLE WIDE FOR THE NEW MISCHA TULIN
THEREMIN CELLO THEREMIN ENTRY! 21--9 did we use the Theremin Cello ensemble pic
from 1932? Yeah, captions to be retyped . . . now I remember.

[30--8]

Put source RH bottom flush right

[29--2]

Send me the NEW Trautoniks/Hitchcock/Subharchord PDFplease!

[27--3 source change]

“Courtesy Gerhard Steinke Archive” instead of other shown . . .

[26--5 add caption LH lower photo flush right in italics:

“Courtesy Peer Bode and Rebekkah Palov”

[27--2 add source bottom LH page}

“Dresden Und Leipzig: Verlag Von Theodor Steinkopff (1933)”

[27--3 caption LH RH alignment]

Top lines both side aligned with each other . . . would this look better?

Also RH side, better apportionment of caption lines on RH side . . .

GENERAL:

May as well send me whatever scans you done, e.g. Silberspiegel of Sala and Trautonium . . .

Any others . . .

13 FEBRUARY EDITS

[30--10 EVI courtesy]

“Photos Courtesy Matt Traum, Patchman Music”

Place under Michael Brecker photo flush left?

[caption change Michael Brecker LH page lower left photo:

The album mentioned should be “Magnetic” rather than “Steps Ahead”

Should caption RH page be centered? I think so . . . Compare LH page . . .

[50--5 caption changes RH page bottom right and top right]

Add "actual" before "recipient"

"Gershon Kingsley rehearses First Moog Quartet for Carnegie Hall concert (30 January 1970)."

[52--3 and 52--4 swap places in the serial order of double wides, and . . .]

[52--4 swap picture on top RH to LH, and LH to RH]

[52--3 swap all pictures and graphic LH to RH and RH to LH]

[52--3 caption addition]

Add "All photos and graphics:" before existing caption keep caption on RH page
underneath new photo placement now showing hands

Make "Illiac" under photo of Jerry Hill ALL CAPS as in graphic. It's an acronym I think.

FEBRUARY 14 CHANGES:

[26--4 captions LH page]

Center caption on top picture

Add caption bottom picture flush right:

"Courtesy Wally De Backer, Forgotten Futures"

[26--5 Tuttivox layout captions]

[captions RH page bottom]

Flush left "Vintage Tuttivox and Clavioline brochure."

Flush right "Courtesy Peer Bode and Rebekkah Palov" in italics as per usual for sources

[captions LH page bottom picture]

Move caption flush left LH bottom picture

Add caption flush right LH bottom picture:

"Photos: Courtesy Peer Bode and Rebekkah Palov"

ALL THE FEB 14 PAGES YOU SENT LOOK GREAT! SENT TO WENDY AND BEN LUCE SO THEY COULD VET THEIR PERTINENT PAGES . . .

[15--3 Hardman, Peck and Co. caption reversal]

Captions for phonograph and radio on LH bottom are, "reversed" uh, please!

SUNDAY 17 FEBRUARY MOVEMENT OF A DOUBLE WIDE:

Considering that 30--9 should actually appear as NEW 38--4 at end of Voder double wides.
Rationale: Sonovox is speech related, and technically never used to make "electronic music" as a genre. Haven't made this change. What do you think?

MONDAY 18 FEBRUARY

[19--1 De Forest column 4th paragraph leftmost column of text]

Replace "see Fig 2" with "on right" and let parentheses remain . . .

[07--1 Photona PE]

Consider replacing Eremeer with instrument bottom LH page with more patent diagrams, sent via email today.

I made the change, but personally like the photo, even though it'd poor quality. It takes it out of the theoretical for the reader. It's nice to see it in 'real-life' along with the creator.

Tend to agree, waiting for possible photos from Science Services, SI . . . who knows . . . note below also

[New 30--7]

Interior shot of Philips Pavilion at Brussels Worlds Fair 1958 for performances of Poeme Electronique and Concret PH . . .
possible new double wide in "What Is E Mus?" section . . .

Source: *Experimentelle Musik: Schiftenreihe der Akademie der Künste Band 7* 1970 Gebr. Mann Verlag, Berlin

[07--1 Photoelectric Photona your changes]

I think having the patent information twice, both at top of page LH, and in middle of page is redundant. Maybe remove from middle of LH page?

[19--1 De Forest RH copy and LH photo bottom right]

Could you squeeze in "below" for "below right" in the copy on RH page?

Also, if we flopped picture of De Forest on LH page, would it be apparent? That way he would be facing inward . . . as per our typical layouts . . .

YES! 25--3 Novachord Sweetwater Sound RH picture looks better aligned, replaced old version. And yes to "Photo Courtesy Sweetwater Sound" like it better. Change every place Sweetwater is credited . . .

[30--7 Philips expo needs caption]

"Interior of Philips Pavilion Brussels World's Fair (1958)."
keep source in italics as usual

Add RH page caption lower photo:

"Philips Pavilion Brussels World's Fair (1958)."

[numbering system 30--7] Philips interior NEW

Must adjust numbers as there is an existing number 30--7 that we're keeping . . . 30--8 for NEW interior?

Then Oram become 30--9? But also see immediately below . . .

Beginning to think that Daphne Oram DW current 30--8 should become new 11-4 at end of photoelectric section . . . you think?

Oram is now 11-4

New order for Section 30:

30-1: Main Article

30-2: Intonarumori

30-3: Wobble

30-4: Allefex

30-5: Phonogene

30-6: Philips Exterior

30-7: Philips Interior

30-8: Journees

30-9: EVI, Lyricon

30-10: McLean, Barrons

30-11: Eindhoven

30-12: Utrecht

[30--12 Utrecht Studio Spread]

I retyped the caption on the RH page. Now it is in our proper typeface. Will include with the next batch of PDFs. Please check it for typos!

[31--1 caption change]

Sorry, let's go with losing period in the middle and making "From" lower case "from"

Punctuation only at end . . . one sentence. And, lose the "ca." as the actual dates are 1999-2000

And, could we reduce color backgrounds just a bit more?

[38--3 Voder World's Fair photos credit]

Peer and Rebekkah did NOT supply these photos. Remove that credit.

Center the existing Caption?

[03--4 Now 03--5 Telharmonium & Radio]

Caption RH page bottom centered: "Science and Invention, October 1922." Note that page number on 03--4 is partially cut off . . .

Should we try "Science and Invention (October 1922)." To stick with convention? Joe, aren't we keeping dates in captions in parens . . . which means, yeah I agree with your caption above.

Got it! Sending PDFs now! Good news! Thanks! Keep up the great work! Tom.

[Perhaps 03--4 and 03--5 should swap places in this section as Sci & Invent OCT 1922 as 1922 date is latest in this section . . . ? . I.e. current 03--4 would be last . . .]

FRIDAY 22 FEBRUARY CHANGES

[15--3 Cracraft D Wide captions]

LH page, move existing caption in center between 2 photos to bottom photograph (under photo)

New caption LH top photo (under photo):

"Cracraft All-Electric Orchestra keyboards: Hammond Novachord (left) and Hardman, Peck Minipiano (right)."

[21--9 credit RH photo]

Tulin Credit on RH page should read (in italics):

"Redpath Chautauqua Collection, University of Iowa Libraries, Iowa City, Iowa."
Use period of not based on our convention for credits . . .

[22--2 caption LH lower left"

"Jean" not "Jeane" Laurendeau . . .

"Document famille Martenot." <- Should we put these credits in English?

+ "Document ADDOM."

No, let it be in French as is

I also reworked the typography on the top photo of the LH page. The text was too squished, so I made a second line, and kept the courtesy right-justified.

Note my further change to this caption below!

[37--1 caption LH page and credit]

Move existing caption between photos on LH page.

Add credit line under bottom photo LH page:

"Photos courtesy Peer Bode and Rebekkah Palov"

Sent LINK for Novachord AUG 1939 article for possible 2 double wides . . .

FURTHER CHANGE TO CAPTION OF one of a GROUP SENT 23 FEB

[22--2 Martenot double wide 1 caption LH top photo]

"First two ondistes: Maurice plays the second model at a distance using a wire, and Ginette plays the third model using the ring."

(Caption should appear as above as per spacing of words; this change is due to the fact that the "wire" is not visible!)

Sorry, will try to NOT revisit this double wide again!

EXCHANGE OF ORDER DOUBLE WIDES 21--8 AND 21--9

Swapped places in order: 21--8 becomes 21--9 and 21--9 becomes 21--8

Also caption for NEW 21--9 BOB MOOG:

[21--9 Bob Moog double wide LH top photo caption]

"Moog Model 305 Theremin built in 1954 with father George, and restored by Bob in 1998."

CENTER THE CAPTION SHOWN ABOVE, LEAVE CREDIT ON SECOND LINE LEFT JUSTIFIED.

[30--11 incorrect caption]

It's room "306" not "308"

[27--3 caption RH page]

Remove second "Forster Electrochord" in top line of RH page! It's there twice.

[26--2 added credit for photograph JJ Perrey RH page and caption edit]

"Photo: Phil Stanziola (1960)."

Also, capitalize "Premiere Artiste" in existing caption for RH page picture under JJ Perrey

LH page of G Jenny change caption:

"Georges Jenny in 1957, designer of the Ondioline."

[25--5 Sweetwater Doublewide]

CLEAN UP PENULTIMATE SWEETWATER RH PAGE

[03--5 LH page bottom\

Take off "litho" item at bottom

[25--5 caption RH top pic\

Replace "more than 160" with "163"

[19--1 photo enhancement RH lower left man with keyboard]

Consider making his face a little better defined as we discussed.

[25--3 and 25--4 your better scans of "blue" Novachord pages might produce creamy background for those pages a la Hardman, Peck Minipiano layout!]

ALSO, source for 25--3 and/or 25--4 is:

"Popular Mechanics August, 1939." in italics . . . where to put? Each page or once? Figure something out that makes sense . . . maybe first page at bottom? Then would need to remove "POPULAR MECHANICS" at top of 3rd page . . .

Also check vertical alignment of 25--4 LH and RH pages . . . are both images "plumb?"

[25--5 Novachord LH RH

"Courtesy Sweetwater Sound" NOT "Courtesy OF Sweetwater Sound" No periods!

I feel like the majority of our credits have a period though. I looked at a few other articles and they all have periods.

[35--1 Burnett Cross caption LH page lower right photo]

Shorten dramatically:

"Ella Grainger and the Free Music Machine (ca. 1953)"

Source: "Grainger Museum Collection 99.57.4 donated by Burnett Cross (1994)."

Enlarge photo if possible. (I'm thinking that Rosalind Hall (Melbourne) may have an image of models she built for a Museum that illustrate FMM might fit lower left of B Cross article layout). Gotta get all this cleaned up, I've been avoiding, but no longer!

Will seek a totally different image for LH lower left photo presently in place . . . enlarge Ella photo to fit right hand side of lower page . . .

I had a pretty good photo that I substituted the negative space with. As a place holder.

I'VE SWAPPED THE ORDER OF 48--2 AND 48--3 HUGH LECAINE DOUBLE WIDES THAT IS OLD 48--2 IS NOW NEW 48--3 AND VICE VERSA. THIS FITS DATES OF IMAGES BETTER . . . OLDEST TO NEWEST . . .

News: I've also sent all double wides for H LeCaine and P Grainger/B Cross to their respective authorities to untangle photo credits . . . hope to have answers back soon . . .

[11--2 Welte PE organ]

Would it make sense to put the RH page onto a "cream-colored" background to give it some sense of age? We're doing this on Hammond Novachord Pop Mechanics double wides . . .

Also, see my email for new possible LH images . . .

NEW evening of 27 Feb Wednesday:

Caption: "Photograph courtesy Basta Records"

In:

[30--11 LH bottom]

[30--12 caption]

"Photographs courtesy Basta Records" wherever appropriate . . .

OK take a look re periods and follow suit with what we have done!

We don't use on e.g. [30--2 Bode]

[50--9 Luce double wide change of caption LH page]

"Dr. David A. Luce designed the Polymoog and other instruments at Moog Music. Prior to this, he pioneered computer-assisted analyses of orchestral instruments, scanning keyboard

schemes, and voice circuitry for unique proto-synthesizers. After departing Moog he made major contributions in ophthalmology.”

FRIDAY 01 MARCH

[50--7 captions date changes]

Note on Scott/Chadabe change of date for top pic would be "1969"

Interactive composing on bottom photo “ . . . using CEMS (1971), and later wrote . . . ”

[25--3 / 25--4]

Minor scan cleanup

[28--4 NEW D WIDE Sala and CDs]

RH page - add old Mixtur-Trautonium w/ wooden knobs.

Await CD scans from Tom.

[28--3 Trautonium Trio add to caption RH top] after “ . . . Archiv.” (replace period with a comma, see below, and add accession number)

“, B 19694.”

[28--3 Trautonium 1932 Model add to caption RH bottom]

“, . . . Archiv.” (replace period with a comma see below, and add accession number)

“, B 17199.”

SUNDAY 03 MARCH

[NEW 28--4 LH captions and sources]

Amended LH caption in middle between photographs:

“Oskar Sala plays Telefunken Trautonium in residence and in concert hall.

Source top photo in residence:

“Stiftung Deutsches Technikmuseum Berlin, Foto: Historisches Archiv, B 21020.”

Source bottom photo with orchestra

“Stiftung Deutsches Technikmuseum Berlin, Foto: Historisches Archiv, R 9255.”

NOTE: PLACEMENT OF NEW TRAUTONIUM DOUBLE WIDE . . .

NEW DOUBLE WIDE 28--4 should become number 29--2 and Hitchcock becomes 29--3

USE PHOTO OF MIXTUR-TRAUTONIUM FROM P DONHAUSER AS DISCUSSED, AND I
WILL PROVIDE A COUPLE OF CD COVER SCANS OF SALA MUSIC . . .

TUESDAY 05 MARCH AN IDEA

[18--1 Singing Arc]

What if we “cheated” just a bit and gave LH page drawing a sepia tone? Not too much, just enough to add some color?

13 March SOME NEW POSSIBILITIES

[30--3 RH page bottom image new caption, newly acquired information]

“René Bertrand plays music via radio with Dynaphone (1927).”

[30--3 RH page bottom image source]

“*Modern Mechanix August 1933*” this is a source, therefore in italics . . . and no period I reckon. I’m seeking a hard copy of this photograph

REMOVE PERIODS

04--2 LH page bottom courtesy

11--3 add period “January Radio-Craft.”

15--2 - Add periods.

16--1 - Add periods.

17--1 - awaiting high res photo photo is in, you should have via my forwarding

19--1 - remove period from source

20--1 - TOM SEND TO PETER

20--2 - TOM SEND TO PETER

21--2 - add period to electric

21--5 - TOM YEAR LH PAGE It is December, 1927

21--8 - New York (1932). + Restoration on LH page old photos. TOM check source on theremin electric cello.

22--6 - change ancestors to predecessors

24--1 - RH page new picture + caption - de-italicize -- Actually, seems like all captions in the original columns were left italicized. I think we should keep it italicized to match the originals.

25--3 - Remove period

28--1 - TOM send to Peter See forwarded email and wait for FTF when we next meet.

[28--1 sources] NOTE on 28--1 We’re not using the Courtesy Peter Donhauser credit; it is to be replaced by “*Leo Kestenberg, Kunst und Technik, Berlin 1930*” source in both cases for both photos . . . on LH page. In italics, no period, as others we are doing . . .

28--2 - TOM Radiocraft year It is March, 1933

29--2 - LH page layout refinement - Add Peter Donhauser Mixtur Trautonium

29--3 - “Photo courtesy Jürgen Hiller” in italics

30--5 - SECOND SENTENCE - “Tape loop instrument for musique concrète.” Look for accent on letter “e” of musique concrète!

30--7 - RH page bottom caption add period

30--10 - TOM SEND TO MCLEANS They say captions are OK as is . . .

30-11 - RH page bottom border clean up

31--1 - No italics RH page - Ah once again. I think we should actually leave all captions on the RH pages italic, because that's how the originals are. Yes, leave as is. These sorts of things will not make or break sales of this publication!

34--1 - TOM send Grainger / Cross segments to Heather

34--2 - TOM send

35--1 - TOM send

37--1 - remove period

38--3 - add to LH bottom caption

40--1 - Remove period, make italics

42--1 - UNbleed, center captions

44--1 - "Herbert Belar, co-designer of the RCA Synthesizer."

45--1 - periods and no periods

47--1 - move caption under bottom photo

49--1 - Add period - Tom send to Irwin Chusid Joe, don't work on R Scott until we resolve all credits, etc.

49--2 - "Photo courtesy Dave Brown" Tom send to Irwin Chusid He has answered, see forwarded email

Wait for FTF for Irwin Chusid's comments on R Scott layouts. It's Reckless "Night" singular

50--7 - Tom send to Joel Chadabe JOEL HAS ANSWERED, CHANGE AS HE INDICATES see email I forwarded . . .

51--2 - LH page bottom, add comma, remove period from courtesy and remove italics from places

Didn't removed italics on places on LH page. Leaving both versions in PDF group and we should fix FTF.

51--3 - add ", Premiere Buchla Artiste" to both artists' captions (use period at end).

52--4 - RH page remove periods for sources at bottom of page

I actually have this spread as 52--3 now. Must have swapped places?

29--2 (new double wide) we were going to put Peter Donhauser pics of Mixtur-Trautonium on bottom of RH page and 2 scans of CDs at top of that page. This is why the RH page looks incomplete. Also caption changes as discussed today and above. I will have 2 scans of CDs next week . . . Now here is one where "Photo courtesy Peter Donhauser" would be appropriate, as per Peter's email.

[29--2 captions and source lines]

Suggest putting the "stiftung" source line on top of top photo; bottom of bottom of bottom photo, and put the "residence and concert hall" caption in between the photos!
That would make this the only page with typography in the top margin like that. I'm trying to think of a way to make it work. OK, go with your gut. Make it pretty!

[17--1 Rhodes Piano Pic red background]

Just came in from Chris at Vintage Vibe . . . I sent this late via email . . .

"Fender Rhodes Piano Stage MK1 Model (1974)." caption with period
"Courtesy Vintage Vibe Collection" and "Photo: Erick Roman" as sources no periods

COMMENTS 17 MARCH ON PREVIEWS SENT 15 MARCH

[11--3] It's Radio-Craft not Radiocraft, as it appears on graphic, AND ON YOUR NOTATION ABOVE! Too many multiple changes, need one change per each double wide.

March 17 some new stuff . . . trying to keep you in bizness!

[30--11 added source indications shown below under LH page top CD/LP images] in italics, no periods (periods would obscure the numbering systems)

"Basta 30.9142.2"

Place flush left under image

(Move the current caption downward slightly as is appropriate)

"Philips 400 036 AE"

Place flush right under image

[28--1 Trautonium column sources]

"Leo Kestenberg, *Kunst und Technik, Berlin 1930*" in italics of course no period

For both photos on 28--1 Flush right under each photot

[22--6] NEW ONDOMO DOUBLEWIDE. OK, work this up.

"First Model Ondomo by Naoyuki Omo. An elegant contemporary ondes Martenot."

"Photos by Micka Luna and Irene Ruiz"

MARCH 20 MY BIRTHDAY NEW STUFF

[11--5] MCLAREN DOUBLEWIDE (photoelectric 4) just prior to D Oram perhaps we can excerpt photos and make a new layout creating single double wide . . . your ideas?

RESCAN

REDESIGN

[30--3 RH page source italicize and change]

"*Popular Mechanics January 1952*"

Send preview to Tom layout done Yes, send.

[38--4 source G Wright LH page]

"Courtesy Wally De Backer, Forgotten Futures"

Send preview to Tom layout done Yes, send.

[52--1 clean up logo and place in article] clean up this logo

52--1 - put TR "trill" logo under article "drtomrhea.com" should appear in crook of circuitry at end on right . . . logo should go across most of the page at bottom.

[29--2] NEW Trautonium double wide "Oskar Sala's Mixtur-Trautonium." caption photo bottom RH page Sent LINK for 2 Sala CD covers, another in transit to me . . . don't clean up until we talk. .. **Waiting for 2 more Sala CD covers.** Use 2 existing covers. Clean up "fascinating" cover

{29--2 Sala & CDs] source data for all 3 CDs

I got the other trautonium CD in today . . . maybe include with other 2 covers plus a pic of performer in this booklet?

Data for Harald Genzmer CD: *"Paladino Music pmr 0081 (2017)"*

Use both front & back images

Data for P Hindemith Sala CD: *"Erdenklang 81032 (compilation 1998)"*

Data for Sala Fascinating Inst CD: *"Erdenklang 90340 (1990)"*

[38--4 source G Wright LH page]

"Courtesy Wally De Backer, Forgotten Futures"

Send preview to Tom layout done Yes, send.

[21--8]

RCA Theremin <-> New Diagram

[21--7]

Andy Barron Theremin <-> Alexandra Stepanova

Alexandra Stepanova, Leon Theremin's first student in the USA. *Photo courtesy Mike Buffington--RCATheremin.com*

^ courtesy text copied from email

26 March 2019 FINAL:

Caption: "RCA Theremin SN 100143."

Source: *"Photographs by Mike Buffington--RCATheremin.com"*

[39--1] Osmond Kendall add source:

"Maclean's Magazine 11 June 1955"

Place on right under Upper photo LH page

Move caption to flush left under that photograph. Change Composertron to "Composer-Tron"

[11-4] McLaren double wide Didn't put source on this!!!! Also RH page doesn't look 100% plumb (vertical alignment).

"Popular Mechanics April 1949" Great job of scanning and cleaning up, though!

[30--3] Wobble, Circlon

Original:

"The Circon" (Circular Controller), assembled in 1978 by Wendy Carlos, custom circuit by Bob Moog, provides a performer enhanced expressive control over synthesizers. (For details, see: <http://www.wendycarlos.com/circon.html>). SEE BELOW, let's use below . . .

"Photos by Wendy Carlos" for source.

Please use this and we'll hope! My amendment to what Wendy sent for caption:

"The Circon (1978) assembled by Wendy Carlos, with custom circuit by Bob Moog, provides enhanced expressive control of synthesizers.

Details: <http://www.wendycarlos.com/circon.html>"

See further amended caption for LH pic, and new verbiage for caption RH pic below 27 March

Let's make the prelim layout without retouching her photos!

[16--1 photo LH page bottom left]

Wurly 110 seems to have a strange double exposure or shadow, but it's not a shadow at all . . .

? OH yes - I had a mask over the background to soften it. Somehow that got moved out of place. All set now!

It's now 11-4 . . . and I do have the magazine here for you to take and scan . . . 27 March

McLaren is 11--5

Oram is 11--6 make number changes in 1200 DPI docs . . .

21--8 is Stepanova

21--9 is EMEAPP RCA with your improved RH page

21--10 is Theremin Moog Vanguard

27 March 2019

[21--8 sources changes both pages] note number change, this is Stepanova layout

LH *"Photograph by Mike Buffington-RCATheremin.com"*

RH *"Photograph courtesy Mike Buffington-RCATheremin.com"*

[21--8 caption change]

LH "Interior of RCA Theremin SN 100143."

[30--3 wobble and Wendy Circon]

LH Truncated caption: change at end to "Details at: wendycarlos.com" (note no period!)

RH image caption: "Wendy Carlos' design using rubber band that facilitates superior loudness control. Hear Circon on her "Tales of Heaven and Hell" CD (1998)."

Keep source of photos on RH image underneath caption above.

[21--10 theremin Moog layout]

Add source to RH page flush right under photo:

"Photo courtesy Brian Kehew"

Move caption flush left under photo

[28--1 change of sources]

"Leo Kestenberg, Kunst und Technik. Berlin: Wegweiser-Verlag 1930"

For both photos LH page

Sent LINK for Popular Mechanics 1936 Music of the Future article 3 pages. RESCANNED
Wait until we discuss this. Ivan Eremeeff . . . goes all the way back to photo RH page opposite
Intonarumori and performers . . . maybe becomes a new double wide 10--2 after Syntronic
Organ? This is the one that has 3 pages we might boil down to 2 . . . No go on this! 27 March.
Will not do this . . . 03 April.

[52--2] - waiting for more Max Matthews CD scans from Tom. Add period. Also need to hear
from Peter re photo courtesy of ...

"Music From Mathematics" artwork shows the reissue, rather than the original DECCA edition.
Worth noting?

[21--9] - TOM Seek better logo. Top caption flush left. Michelle Moog-Koussa (Moog
Foundation) indicates that she has high res version, and promises to send . . . in house now

To be [11--3] Fischinger/Voinov DW precedes McLaren. Done and received by Tom April see
11-04 below.

EXPORT NEW PDFs:

[30--3] Carlos / wobble

[21--8] RCA - Stepanova

[21--10] Moog Theremin

[28--1] Trautonium

[11--04] Clean up article seams
Scan "Sketches" Sound; Files It For "Talkies"
Clean up scan - place in article

Thanks! Sent PDFs to Carlos and Buffington respectively. (Will this "sogga" ever end?)

[30--03] *The Circon (1978) built by Wendy Carlos, with circuit design by Bob Moog, provides enhanced expressive control of synthesizers. Details at: wendycarlos.com/circon*
Carlos' volume lever on the Circon uses a rubber band to add a natural tactile feel in performance. Hear the Circon on her "Tales of Heaven and Hell" CD (1998).

Homogenize Magazine articles captions remove parens and commas "Pop Sci April 2020" e.g.
no abbreviations of course.

Photoshop files saved. All RED still need to Export Preview PDFs:

MAGAZINE CAPTIONS FIXED:

11--03 Trillion Tone - Polytone
21--05 Theremin
23--01 Staccatone
28--02 Trautonium
03--05 Telharmonium

APOSTROPHES FIXED:

30--03 Dbl Wobble
30--09 EVI / Lyricon
38--01 Bode 3
38--02 Bode Voder
30--01 What is E Music?
06--03 Hammond Group
08--01 Photoelectric 1
24--01 Early One Tube Organs
25--01 Novachord 1
09--01 Photoelectric 3
22--05 Atma Doublewide

ITALICS FIXED:

25--06 Novachord Sweetwater

[28--2 Trautonium source]

We've been putting sources flush right, not in center . . .

Add source RH page graphic if it will fit Lertes book as in 27--2 LH book cover source
(Lertes book) final version for 28--2 RH page will be:

“Peter Lertes, Elektrische Musik, Dresden und Leipzig: Verlag Von Theodor Steinkopff 1933” Italics with no period, as are all sources. Flush right as per usual.

[25--6 Novachord]

Could discern no change, there is no italics change I can see, in this DW? Please advise.
(Dealt with 02 April. Caption on LH page was erroneously in italics).

[21--10 Moog logo higher res]

NOTE: MICHELLE MOOG-KOUSSA HAS PROMISED A HIGH RES MOOG LOGO FOR
I had to sign a **^&*^%%#* release! No idea when this will show up . . . NOW IN HOUSE

[51--4 Buchla restoration]

Source on LH page has a period . . . not our protocol.

[52--1 Computer] Rework graphics on RH page..

Further refinement of logo. Thin out right end of trill.

Brighten and clean up 1940 World's Fair scan

Notes - April 8:

03--1 Center caption LH page check

03--2 RH darken some text

03--4 RH take out “[see page 210”

06--3 Add (Godowsky was not amused.)

11--4 Spell out months on both pages - Rescan photo on left page. Fix wavers

12--1 Brighten photos on LH page

13--1 Enlarge Oskar Vierling to match width

15--3 RH page check centering of caption, remove comma in bottom RH credit

18--1 Move the photo caption from RH to LH remove “opposite”

19--1 LH Top credit - remove comma and parenthesis

21--1 Change Joerg to Jörg within original column

21--5 LH page courtesy on right

25--3 Fix banding on LH photo

25--4 Caption - extra “P” + remove comma

26--3 Remove colon and capital ... “Ondioline restoration by Stephen...”

30--5 Add accent to “phonogene” on RH page

30--6 change “Brussel” to “Brussels”

OK. Great! Tom.

31--1 Add copyright symbol to Tom's lecture diagrams

47--1 Bottom LH photo needs centering

48--1 Remove first period on LH page (before date)

48--3 Remove "of" in courtesy botton LH page

49--2 Remove "of" in LH top left photo - Center caption on RH page

51--4 Put Dani Dobkin's name last.

52--3 Remove parenthesis on LH bottom image Confusion here numbered wrong?

^ Seems it should actually be 52--4.

Also my 52--2 is old . . . where is one with 6 CD images?

^ Correct PDF is in my archive. Will share.

Also, let's work up this caption for EMEAPP RCA:

"RCA Theremin SN 100029 with non-standard base and handles that enhanced portability.
Used in public demonstrations."

Let me run this by Mike and Andy. maybe we should do this side by side on Tuesday next . . .

[21--1 article caption C Rockmore 1945] replace "C" with "ca." or "ca" whatever we are doing for
"circa"

[48--2] - needs source from Tom

[48--3] - period for Gayle Young + need Multitrack Tape Recorder source from Tom Don't work
on this until I get that source! Tom.

[52--1] - FINAL LOGO CLEAN-UP!!

NEW MASTER ARCHIVE BACKUP ON TOM'S DRIVE

ELECTRONIC PERSPECTIVES

Vintage Electronic Musical Instruments

Tom Rhea

Possible Cover Images:

3x3 Squares - "Brady Bunch" Style

Telharmonium

(03--1 Bottom left, 04--3 LH top)

Hammond

(05--1)

Photoelectric

(08--2 girl playing, 08--1 tone wheels, 11-6 Oram Drawing)

Oskar Vierling

(13--01)

DeForest

(19--1 holding tube)

Mager

(20--2 upper left)

Theremin

(21--8 Stepanova, 21--5 Theremin with machine)

Martenot

(22-01 Group shot)

Novachord

(25-01 NWE shot)

Ondioline

(26--5 Bottom Left, 26--2 Jenny Photo)

Trautonium

(28--1, 29--1 Hand, 29--03 Hitchcock)

What Is E music?

(30--5 LH, 30--7 Bottom Right)

Miessner Pianos

(cracraft)

First Synth

(32--1 LH)

Hanert Synth

(33--1 LH Small guy pic)

Bode Synth

(33--2 RH photo)

Bode #2

(37--1 RH page man playing)

Bode #3

(38--1 LH Page - man using)

Voder

(38--2 hands playing Voder)

Sonovox

(38--4 RH page lady using sonovox)

Synket

(47--01 Top left photo)

RCA Synth

(44--01 bottom left)

Hugh Le Caine - Sackbut

(48--01 LH top)

Raymond Scott & Daughter

(49--1 Top left)

Moog

(50--06 crop in hands playing moog synth)

Buchla

(51--01 Oliveros Playing Buchla)

Tom's list of key instruments:

Telharmonium
Hammond Organ
Theremin
Ondes Martenot
Trautonium
Jenny Ondioline
Bode Instrumentation
RCA Synthesizer
Moog Synthesizer
Buchla Systems
Music "N" Max Mathews
Miessner and Rhodes E Pianos

Questions For Printer:

- Preferred format? - PDF? Multiple separate pages or one file?
- Two-page spreads or Single pages?
- What's the closest available page size to what we have? Bleeds?
- Is there a template? For cover / spine / back + general page layout.

Need to change Miessner and Rhodes piano layouts . . . DiLeone (DONE)

Digitize 2 LPs - Provide WAVs

23 May 2019

[34--2 Grainger watercolor caption RH page]

Add source "*Grainger Museum Collection*" before existing accession number on RH page

CHANGE accession number same page to "04.0173"

[35--1 Burnett Cross caption LH page]

Add "*Courtesy Douglas Cross*" to upper LH photo of Burnett

Shorten existing caption to "Burnett Cross with FMM at Grainger Museum, U. of Melbourne, 1976" to make room Spell out "University" if practicable . . .

30 May DONE and in process

NEW [25--5 Novachord New Yorker NOV '39 and Popular Mechanics APR '39 double wide]

Done for both PSD and JPEG files . . . looks great!

[35--1 Burnett Cross added photograph LH page Kangaroo Pouch Model by Rosalind Hall done 30 May]

Tom Awaits: PSD and JPEG files for edited Burnett Cross 35--1 layout

Tom Awaits: PSD and JPEG files for NEW Lucie B. Rosen double wide. Joe this will be 21--7
And I'll adjust others that follow with larger numbers , , , (31 May)

Also, what has become of the NEW possible double wide for Carnegie Hall Kingsley program?
50 -- 6

RH - Courtesy Bob Moog Foundation

LH First Moog Quartet Carnegie Hall Concert

Scan Kay Kyser

Scan Arp LP cover

Joe to SCAN: New Rhodes Piano page . . . for possible future use in EP book. Others?

05 JUNE meeting

FIRST URGENT Revise [35--1 caption upper photo LH]:

"Burnett Cross with Kangaroo Pouch FMM at Grainger Museum, University of Melbourne,
1976."

Replace photo LH page bottom right with one that Rosalind Hall shot. Remove "Experiments in
Freedom Project (2016)." to make room for new caption:

"Kangaroo Pouch Machine playable model (2016)."

And exact credits "*Researcher and Producer Rosalind Hall*" and

"Designer and Builder Michael Candy"

Also credit "*Photograph by Rosalind Hall*" suggest placing this in body of photograph, save
room

Jeesh! I'm throwing in the towel on the other photo we presently use, choose the best of Hall's!
Get this to me SOON so I can send to Rosalind for "final" approval (maybe?)

[27--3 and 27--4 NEW double wides of "Electrical Music" for Hellertion section]

Popular Mechanics . . ." and you have the date and month as numbers on the slip case in which the
articles came . . .

[17--3 NEW double wide for Rhodes piano section, shows two ads] scan new page

[17--3 Fender Rhodes piano new DW captions]

LH page "Fender Rhodes MK I Suitcase 73 (early 'seventies)"

RH page "'Fender Rhodes MK I Sparkletop Suitcase 73 Model ('sixties)"

06 JUNE 2019 Changes called for when perusing JPEG pages:

[11--6 Daphne Oram dblwide Caption addition: put ", " comma after "Goldsmiths"

[29--1 Sala Mixtur-Trautonium caption LH top photo]

Make "fingerboards." plural

[29--3 add credit LH page photo] reposition caption flush left, add credit:
 "Press photo" flush right

Also, can we have that "shows much but gives away nothing" pictures only of all Dropbox pages as before? Would like to send latest to a few people . . .

Complete PSD to InDesign transition for all pages

11 June 2019

Awaiting receipt of color Rhodes ads, hopeful tomorrow or Thursday. This will make a wonderful DW for Rhodes section. Also have acquired via ebay 2 Wurlitzer E Piano ads, will make another good DW for that section.

[27--3] body of DW on RH page last paragraph] in body of text:

Replace "German" with "Russian" . . . inventor, etc.

Replace "a keyboard suspended" with "an electrical field" . . . in the air

Try breaking up "electrical" to two lines with hyphen.

12 June 2019

[6--3] should become 5--2 let's discuss for both Previews and high res pages]

[21--7] Clean up title

[21--7] need revised PSD and JPEG for LB Rosen DW as altered today]

[17--4] Rhodes colorful ads

[16--2] The two wurlitzer - Oskar Peterson, Keeley Smith

Re-Import CDs as WAV

-- F Gerard Errante

-- Harald Genzmer

-- Korla Pandit

Scan Serge Article from Magazine

17 June 2019

Joe [27--3] extra space, add "thereminvox" or "etherphone" or "ethervox" after "In this"

And this should fill up the extra space! I prefer "thereminvox"

20--2 Tom will send source

^^ Found this not from back in April.. Any word on this?

Joe: please use the Prieberg source on 20--1 indicating "all photos"

Front matter into InDesign . . . LF Foreward; BK Foreward; Acknowledgements (14 June rev)

-Larry Fast Foreward

-Brian Kehew ...Foreward

-Acknowledgements

21 June 2019 EP Book

[25--1] Novachord caption change LH bottom left]

Change "Moritz" to "Moriz"

[16--2] LH page take out line in photo

[16--2 caption for O Peterson LH page]

"Vintage Wurlitzer Electronic Piano Ad 1962"

[16--2 caption for Keely RH page]

"Vintage Wurlitzer Electronic Piano Ad 1963"

[17--4 caption for Rhodes Piano LH page]

"Vintage Rhodes Electric Piano Ad 1975"

[17--4 caption for Rhodes Piano RH page]

"Vintage Rhodes Electric Piano Ad 1975"

[33--1 Hanert Synth - New scans]

[38--1 RH page photo change to new photo sent 28 June]

This book is dedicated to my wife Muriel Louise Palmer Rhea

Singer-songwriter, graphics and textiles artist, senior ice skating competitor and Coach.

Joe: change "senior" to "adult" in the dedication sentence shown above. 07 July 2019

Add: "She writes the songs that make my heart sing." (third line)

[NEW B&W DW 6--3 Hammond ads Nikon LH - Children develop RH page]

Caption Children "Vintage Hammond Organ ad (1938)."

Caption Sour note "Vintage Nikon Profile Projector ad featuring Hammond Organ (1969)."

[12--1] replace LH page with Welte-Mignon Repro ad]

Caption "Electrically actuated piano rolls were featured on player pianos of the era."

Source "*Vintage Welte-Mignon ad (1927)*"

[NEW DW 17--3 and move current 17--3 to 17--4]

Caption Rushen "Vintage Rhodes Piano ad (1977)." LH page

Caption Ahmad Jamal, R Lewis "Vintage Rhodes Piano ad (1975)." RH page

[21--9] Remove numbers bottom right and black line

[27--6 NEW DW Donhauser and Patteson book covers]

Source Donhauser "©2007 by Böhlau Verlag ISBN 978-3-205-77593-5"

We are already showing this illustration in the Lucie Bigelow-Rosen flyer [21--6]

Well aware that Donhauser lifted this image from LB Rosen concert announcement..

Nevertheless, this is the cover of his book that I want to publicize!

Source Patteson "©November 2015 by Thomas Patteson UC Press ISBN

978-0-520-28802--7 Free Download www.luminosa.org"

Caption Patteson “Cover illustration from *The Diaries of Paul Klee* (UC Press 1968).” take note of italics for name of book

[52--8 NEW DW female artists book covers]

Source Pink “©2010 Duke University Press ISBN 978-0-8223-4673-9”

Caption/credit Pink “Cover: Jessica Ryland performing with the Personal Synth 2006.” “Photo by Laurence Braun”

Source Pioniere “©2012 Auditorium Edizioni ISBN 978-88-86784-91-7
Con CD Allegato”

For meeting on Tuesday:

- Change order of a few pages
- Hugh LeCaine courtesy 48--2 and 48--3
- Caption for donhauser book spread

[50--??] Where to put Borden doublewide?

Joe: Order is Moog original article, Jon Weiss and prototype, Chris Swansen, David Borden, then EMEAPP and following. Hope you are using the very colorful Borden/Jon Hassel poster from 1969 let's talk if necessary.

[33--1 / 33--2] Clean up Hanert images

[1--1] Lower-right, LH page, remove duplicate image in box

[50--4]

Expand paper texture background on RH page

New live band scan on LH top

Burn tool on LH bottom photo

Brighten up Moog Needle Point Image

BOOK COVER

Remove rectangle and lines

Add more space: breathing room

Kerning on “TOM RHEA”

[32--2]

New Coupleaux Givelet patents doublewide

Doublewide to include (#1-LH) (#2,3,4 - RH)

#5,6 top in original article

#7 bottom in original article

^^ Take captions from original patent writings

Transcribe Rod Cooper LP

Transcribe Pilhofer LP

"Brady Bunch" interior title page

[21--5] Stepanova becomes [21--3] everything else bumps down

[11--3] <=> [11--2]

[12--1] Moór piano BW shot (or Tom obtain image from MET Museum) - goes LH [12--1]
Using images from Shead book 29 July meeting Using spelling from Shead's book. Fix spelling in original article.

[12--2] Welte-Mignon Add Moves to new Doublewide with Janko Piano to be [12--2]
Janko images.

[12--2 totally new caption for WM piano ad RH page]

"Welte-Mignon carbon rod and mercury cup electro-mechanical design recorded each key's velocity onto a moving paper tape using inked rollers. These dynamics were then encoded as punched holes at the edges of a piano roll. These holes controlled expression devices within the (strictly acoustic) re-performing Welte-Mignon action."

(leave off source and date if necessary, as it's given on the actual ad)

[12--2 LH page Janko caption]

Insert: With Jankó's "dual whole tone scales keyboard layout," the shape
(and adjust 2 lines to accommodate this addition)

Courtesy National Music Museum, Vermillion, SD

[06--3] Hammond use new ad and replace the Nikon Page

[22--3] ISBN number and publisher for Jean Laurendeau book

Scan moog manual

Larry Fast

Larry Fast is known for his series of pioneering electronic music albums recorded under the project name *Synergy*. He is also recognized for his decade of work with Peter Gabriel as well as contributing to numerous platinum-selling recordings with other world-renowned artists. Larry has been commissioned for projects by [companies such as] Disney, XM Satellite Radio and Tribune Broadcasting, and worked on feature film and documentary projects including the PBS-broadcast *Saving The Great Swamp: Battle to Defeat the Jetport*, for which he served as co-producer and historian/writer. A technology history specialist, Larry is a member of the board of

~~the Thomas Edison National Historical Park. His developments in infrared audio technology have earned him several patents.~~

Larry Fast

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[delete "companies such as" above]

Brian Kehew

Brian Kehew is a Los Angeles-based producer, author, and musician. His book *Recording The Beatles* (with Kevin Ryan) is a classic in the field of audio technology. Much of his work involves archiving and mixing classic historical music for Warner Brothers Records. He also specializes in the history of synthesizer development and vintage audio technology.

AUGUST 05 2019

[03--1 Added source LH page bottom left] (Move caption to flush left)
"McClure's Magazine July 1906"

[03--1 Added source LH page bottom right] (move caption flush left)
"Review of Reviews April 1906"

[03--3 Added source LH page bottom] (move caption flush left)
"Review of Reviews April 1906"

[03--3 Added source RH page] (place under existing caption)
"Review of Reviews April 1906"

[03--4 Added source LH bottom] (move caption left?)
"Review of Reviews April 1906"

[25--5 Novachord LH page caption]

Add "11" before "November"

[38--1 New Caption and added source LH page bottom]

Caption: "C. W. Vaderson with Homer Dudley's Vocoder." (flush left)

Source: "(copyright symbol) AT&T Archives and History Center" (flush right)

AUGUST 9

[21--9] Theremin quote fix:

"Lean Theremin with an early hand-made theremin."

[33--3] Refine New Hanert Patent Doublewide. Patent explanations.

Hanert at Novachord facing right. Put in third Hanert with Patents.

[12--2] New photo in Janko Layout

-- Janko Keyboard scan

[18--1] Singing Arc Sepia

[6--4] New Hammond Doublewide - Popular Mechanics APRIL 1936

-- Hamond scans for new Doublewide

[12--3] New Welte-Mignon doublewide

Merge Welte Mignon cover and spread

[33--3] Hanert portraits figure out doublewide

Sun Ra CD #3 Track 5 - 14

-- BIG SCAN BATCH AUGUST 9:

-- Milt Herth

-- Solovox

-- Merrill Ellis,

-- Ferrante & Teicher, -- Houston Chronicle Library - Apr 7 1976

-- Larry Fast, Mar 25 1987

-- RC Hitchcock "182857 - R.C. Hitchcock, of the Research staff of the Westinghouse Electric and Manufacturing Company, and his Electric Organ."

-- Popular Mechanics "Electrical Music" Scans

-- Tel-Electric Scans 11 pages plus infosheet

-- Scan wife from Shead book

-- NEW SCANNING AUGUST 14:

-- Welte Mignon LP

-- Welte Mignon Color Ad

-- solovox

-- 2 wurlitzer pages

-- Physics and Music Waveforms

AUGUST 15

NEW MOOG DW LINEUP:

- 50--1 Moog column
- 50--2 Jon Weiss and R Moog prototype on LH
- 50--6 Teitebaum Euro with performers (50--3)
- 50--3 Swansen (note spelling) (50--4)
- 50--4 Borden (50--5)
- 50--7 Quartet Trythall Siday (50--6)
- 50--8 Gershon Kingsley First Moog Quartet program (50--7)
- 50--5 Moog Prototypes (50--8)
- 50--9 Scott Chadabe
- 50--10 Planetarium
- 50--11 Dave Luce Polymoog

NEW THEREMIN DW LINEUP

- 21--1 Unkeyboards column
- 21--9 Science Invention mag THEREMIN DW (21--2)
- 21--3 Theremin Stepanova
- 21--2 THEREMIN DW Electrio Lev Clara etc. (21--4)
- 21--4 Rockmore Town Hall (21--5)
- 21--5 Town Hall Recital DW (21--6)
- 21--10 EMEAPP (21--7)
- 21--6 RCA Theremin graphic Rosen announcement (21--8)
- 21--7 Lucie Bigelow (21--9)
- 21--8 Cello Tulin (21--10)
- 21--11 Theremin Moog

AUGUST 16 new caption for NEW Hanert DW (#3) LH top photograph 33--3 (Bode becomes 33--4)

“John M. Hanert (on right) and C. N. Williams (not shown) designed the Apparatus For Automatic Production of Music (Hanert Electrical Orchestra 1945). Laurens Hammond (on left).”

--RCA-11.pdf - Open pages 60-61 (doc# 62-63) - **PASSWORD REQUIRED**

--- **Try ripping from preview - Screenshot not useful**

Where to put new Solovox scan?

Wurlitzer ad scans? -> New Wurlitzer layout

AUGUST 19

[12--2 NEW CREDIT as of 17 August for Janko piano post card image with woman playing:
“*Courtesy Retrofret Vintage Guitars*”

Recall that I never received the version of 12--2 with changed caption and credit line.
Look for this. If misplaced we can do the caption when side by side.

[12--3] make drawing LH page sepia.

[10--1] WCAU Syntronic Organ- New patent picture showing drawing of full instrument + nice patent diagram showing film strips (photona.tiff). Remember the Photona had rotating disks, the Syntronic Organ had "timbre masks with running film strips." I have not heard from website for RCA Broadcast News as of this date 19 AUGUST.

JPEG of front matter as we have it

Dick Hymen LP

In production NEW DW 32--3 from repro piano book scans (new). I WILL CREATE VERBIAGE AS TO HOW COUPLEUX-GIVELET STANDS MIDWAY BETWEEN REPRODUCING PIANO pneumatic tech TURN OF 19TH CENTURY AND ELECTRONIC ENCODED SYNTHS THAT FOLLOW, E.G. Hanert/RCA/Kent

[32--3 copy for LH page]

"The Coupleux-Givelet Synthesizer (1929) stands midway between turn of the 19th Century electric-pneumatic technology found in the Welte-Mignon Reproducing Piano – and modern era encoded paper card/tape electronic synthesizers such as John Hanert's (1945), Earle Kent's (1951), and Harry Olson & Herbert Belar's RCA (1955)."

Times Illustrated "Telharmony" sheet to be tinted light green on background?

21-26 August

[10--2] New doublewide in photoelectric section

Scan Tom's print of WCAU Organ Let's see if we can use this technique in general

Used another page from our Schematic.

There is a Miessner Piano shot I might like to use from the same Radio Broadcast News source.

--- New doublewide grey Program Announcement was discussed in the second article [3--2]

-- Tom's new logo idea with trill in background behind circle

[3--3] replace LH page with telharmony tinted green

--- [3--3 w/ green telharmony] -> [2--2]

--- [3--4] -> [2--3]

[3--4] Sci-American - tint sepia

[3--5] Radio Dept - tiny sepia

--- Detroit press is new [3--3]

New [6--3] New hammond DW w/ with green tint page (typewriter etc) w/ great photo of draw bars

Current [6--3] becomes 6--4W

[6--6] New Hammond DW:

Hammond scan -- Jesse Crawford Orchestra in book, not sure where to put this at this time.

+ Nice Hammond patent diagrams (#4, #27)

--New Novachord DW [25--3]

Hanert at patent office on LH page Man and woman w/ novachord on RH page

--New w/ *Hanert Becomes* - [25--5] Scan of John Hanert debut picture scan from Hammond book w/ man and woman picture from email

--And Hanert at the Patent office, there are 2 cracks at that with materials I gave you today 26 AUG.

"John Hanert plays the Novachord for Laurens Hammond at the U.S. Patent Office in Washington D.C."

--Swap position of photos on RH page

[30--9] (EVI) moves to the end of the section.

[23--1] Add initial "C" to Alan Young's name. Add initial "J" to Robert White's name. Add photographer's credit, see single sheet of paper from today 26 AUG.

Reorganize Theremin

[21--7] becomes [21--4]

Orbit III Digitize

Scan radio new cover with red cover and tube organ

+ Scan article on page 34, 35, 36 for possible DW (not likely at this time).

~~Take a look at current [07--1] thru [11--2]~~

~~Feel the need to put some DWs between Cellulophone, Photona, Syntronic Organ, and their adjacent columns. Too many columns one after another with non-explanatory images.~~

~~[12--1] Creatone Piano which we might crowd in on LH page that features Moor Piano only . . . column discusses Creatone~~

04 SEPTEMBER

We forgot about the Telharmonium Program DW!!!! This DW should appear immediately after 3--1, i.e. it will be the new 3--2 and adjust other 3--X DWs to fit . . .

JOE, I HAVE MOVED old 30--9 TO BECOME new 30--12, i.e. to the end of the "What Is Electronic Music section." (Other numbers changed to accommodate this). Please keep your order in sync with this

[21--4 add source to drawing RH page]

"Graphic courtesy Mike Buffington: RCAtheremin.com"

[32--3 add source on RH page bottom for line drawings]

"All drawings William Braid White, Piano Playing Mechanisms, London: Edward Lyman Bill, Inc. 1925"

[32--3 change caption LH page]

"The Coupleux-Givelet Synthesizer (1929) falls between early 20th Century electric-pneumatic technology typical of the Welte-Mignon Reproducing Piano, and modern era encoded paper card/tape synthesizers by John Hanert (1945), Earle Kent (1951), and Harry Olson and Herbert Belar (1955)."

NEW SOURCE: Need to place credit/source for any materials from Alan C. Young via Doug Jackson: Porter Heaps, (your latest scans) thusly:

you tell me any others--these DWs are with you (send when you can)! Let's discuss if this is unclear!

25--3 - Novachord, John Hanert plays Novachord for L Hammond; Melville Clark Sr. with 2 others photo;

05--3 Hammond Illustration, Jesse Crawford

06--3 Hammond Color dbl (green typewriter-drawbars RH page)

"From Alan C. Young memorabilia courtesy Doug Jackson"

[25] Reorganize Novachord section in inDesign

--- restoration on Novachord Collin Driggs 78 album cover + photos

THEREMIN

21--7 -> 21-- My ordering for 21--X is now correct from our meeting on 03 September

[10--1] slight cleanup on new patent photo on RH page

[22--1] Martenot, particularly Metallique speaker Joe had asked for more images for LH page-- Add new patent photos from recently emailed Patents "Metallique" looks like a gong

06 September

New Telharmonium DW to become 3--2 Program LH page source:

"New York Public Library Vertical File P-178553"

New [14--2] double wide, Miessner and pianist Rovinsky from RCA Broadcast News of 1934
From my scan-print-scan experiments dubious?

To clarify, 14--X Miessner is early piano with no soundboard, but with piano strings

-- Electronic Piano book cover picture in my archive, you showed me 03 September is great for this. Also earlier Miessner patent showing no "soundboard" of piano - emailed patents 03 September.

15--X Miessner is Wurlitzer type with reeds, note differences in patents

-- Patents showing vibratory bar. Maybe pair this patent drawing with new ad (coming soon!) with Ethyl Smith (organist) touting Wurlitzer Electronic Piano.

11-2 Goldthwaite new patent pictures maybe; this seems doubtful now

07 September REPLACED CAPTION

[11--6 RH page replace caption at bottom]

"Oram was a Principal at BBC Radiophonic Workshop and later developed her Oramics photoelectric system independently."

09 September

2--2 Brighten photos & clean up typography for LH page.

16--2 Rescan Ethyl Smith ad for 16--2 Tom will wait for newer version, but put older in to mark its place.

14--1 Replace photo in column page with new TLR scanned-printed, caption:
"Anton Rovinsky plays B. F. Miessner's Electronic Piano (ca. 1932)." **SEE BELOW! 13 SEPT**

14--2 Brighten photo RH page.

CHECK 19--1 AND 20--2 AS THESE YOU GAVE ME SEEM TO SHOW NO IMPROVEMENTS OVER WHAT I ALREADY HAVE

NEW WORK AS OF SEPT 9 - They weren't new but I made some additional improvements:

[19--1] Made top LH illustration sepia

[20--2] Restoration on all three photos

Joe, danged if I can see any differences between my originals and these improved versions. Will allow you to point this out when we meet. The "sepia" mentioned looks like less contrast,

and I can't see sepia 11 Sept Changes were made on Sept 9. I will send today. Yes, I see an improvement, especially on lower left photo.

Digitize G Kingsley disc both sides and document

I SWAPPED 3--3 AND 3--4 THAT IS, THE RADIO AND THE TELHARMONIUM DW IS LAST IN 3--X.

12 September 2019

[10--1 & 10--2] Joe, Well, we outfoxed ourselves moving graphics around for the Syntronic Organ 10--1. Turns out the original column 10--1 Will need to restore that graphic to its original placement, and adjust following page 10--2 if needs be

13 September Friday

[10--1] Needs callouts this is completed.

14--1 Replace photo in column page with new TLR scanned-printed, caption: "Anton Rovinsky plays B. F. Miessner's Electronic Piano (ca. 1932)."

14--1 Also place this source under picture in column: "*RCA Broadcast News No. 11 May 1934*"

22 September 2019

[2--2] Typography at bottom LH page: set the numbers on same lines, i.e. "5." should be lowered one line so that numbers 1-2 3-4 5-6 oppose each other. OK if copy for "5" hangs lower. Feels like numbers should align left to right.

{4--2 and 4--3} I switched numerical positions of these two DWs in the order of PSDs.

Logo. Let's use the new shape for tube I sent, take out waveform and make G clef filled in. Perhaps lightning bolts at top, curving part way around tube left and right? Deco look Also like plugs on bottom of this "shapely" tube (see email 22 SEPT).
"VEMI 2020"

September 25

Order of DWs in PSD:

Old 3.3 becomes new 2.4 and 3.4 current becomes 3.3

I have a new "Introduction and Acknowledgments" segment, formerly known only as Acknowledgments.

11-3 RH page sepia
16--2 RH page - lighten - additional LH page arrangement
16--3 boost sepia - removed back page bleedthrough on RH page
19--1 boost sepia
21--9 even out the greyscale
27--3 , 27--4 boost contrast
30--4 Eremeeff film organ - RH page upper left - Fix moire - rescan at 300dpi + additional restoration
30--5 RH page sepia - dodge / burn LH page slightly
50--7 boost sepia

-- New hardcopy print preview

-- FINAL DRAFT LOGO

02 October

New line in Intro & Acknowledgments

Insert immediately after the opening sentence in paragraph:

Thanks to those at archives, museums and other organizations who facilitated acquisition, permissions and licensing of photographs. These include: “**David Gleason** for herculean work creating an invaluable website that allows viewing thousands of scanned magazines prior to purchase of hard copies that yield useful photographs and graphics (americanradiohistory dot com);

03 OCTOBER

[38--4 (Sonovox) RH page top]

[swap left and right top graphics in layout . . . Rusty will be near gutter, and G. M. Wright patent will be on outside edge]

In the RCA Synthesizer section 41--1 through 46--1 place the following source:

“Radio Age (RCA) April 1955”

For source for the following photos:

[42--1 RCA Binary LH page top]

[43--1 RCA Monophony LH page top]

[44--1 RCA Timbre Control LH page top] shows Belar

[07--1] Restoration on LH page

[07--2] Possible sepia tone from 10--2

[30--4] Rescan radio effects page - remove moire, clean “allefex” label logo on machine

[30--4] Rescan photo from Radio-Craft bottom RH page to reduce moire. Also, add source: "*Radio-Craft February 1939*"

Pages to add back in: Tom has already done this

25--6

06--2

04 October

On the dust jacket B&W preferred REVISED July 2 sheet I think it would work to exchange Anni Spielmann (L column middle row) with Coupleux-Givelet (middle column bottom). At present Anni is on extreme left facing off the left side of the page

New Herbie Hancock B&W DW will be [17--5]. Please await new Hancock ad I've got on its way before finalizing the DW.

I've already changed current 17--5 to number 17--6 so new DW will be in between those two existing color DW ads.

Go ahead and scan the radio SFX pages 24-25? But don't work on a new DW just yet . .

[28--2] Trautonium Radiocraft - Let's exchange RH and LH pages on this DW. Yes, I know current RH page is more like a column, but I like having the man of current LH page facing the gutter, not the edge of LH page

06 October

Boy howdy does our logo pop!!!! It's a winner.

13 OCT: Now decided that #1 of reduced clef versions is final.

The only comment I've received re editing our logo is that perhaps the treble clef could be made a bit smaller: 95%? 90% of original?

If this can be done quickly, easily (and cheaply!) why not try it? If it involves a good bit of graphic manipulation, let's forget it!

[8--2] Should we exchange LH and RH pages so Anni is not looking off LH page into space? Maybe some variety vis-a-vis "columns on RH page," after all this program is not a column.

[22--2] RH pageTheremin illustration, replace word as suggested by Andy Barron

[19--1] Couple of ebay items coming in soon that might affect [19--1 possible replacement for Lee de Forest Photo on LH page] and new Hancock DW

[19--1] Put back in original Theremin photo + restore

Swap back 17-5 and 17-6

OCTOBER 9:

7-2 and 10-2 Match sepia tone

7-1 try to lighten the face and hand in LH top photo

32-2 and 32-3 make sepia match

33-3 RH page make BW

51-1 Check boldness on typography.

40-1 balance negative space LH page

50-4 lighten shadow RH page slightly

COVER - Flip Spielmann and Bode - Let's look in person OK. Wednesday Tom Rhea.

Consensus flip Spielmann and Bode FINAL dust jacket cover art 16 OCT.

13 OCT: New DW with Hancock caricature & blue add (in process, possibly done).

New picture on RH page of 21-8

Original RH 21-8 content moves to 21-9 RH

TOM TO DO:

51-1 Tom contact Rick Smith about a color buchla touchpad LH page

13 OCT: Rick has sent several of poor quality. Able to use?

Maybe an improvement. Photo isnt the best but showing the color scheme feels important.

21-5 LH page bottom - contact Mike and Andy for the names of the Electrio

13 OCT: resolved and implemented

21-8 Ask Andy for content - to replace LH page (and put 21-8 content with 21-9)

13 OCT: Received and implemented, must add copy from RCA Theremin brochure see my email of 13 October which includes screenshots of RCA brochure copy.

26-1 Ask Mark Vail for solobox color picture

13 OCT: Request forwarded to Hammond Organ Company, nothing as of yet.

POSSIBLE SHITCANS:

3--3

3--5 condense

6--2

17--3

20--2 (possible?)
21--7
22-6
22-7 (possible?)
25--5 (possible?)
25--6
30--4 allefex (possible?)
30--12
48--2 (unlikely)
50--8 kingsley program (possible)
52--4

New Actual Shitcans:

- * 6--2 Hammond Ad
- * 17--3 Rhodes Ad
- * 25--6 Novachord Ad

11 OCTOBER

21-7 Contact Andy, Mike and Bobby Sherman to confirm woman on right is Clara Rockmore
13 OCT: Clara Reisenberg (Rockmore).

[21--5 bottom LH page caption]

"Theremin Electric: Gleb Yellin, electro-piano; Leonid Bolotine, electro-cello; George Goldberg, electro-voice (thereminvox)."

[21--8] RH page new photo from M Buffington caption and source]

[21--8] Note change to caption and source below:

"Leon Theremin with Richard Sylvester, piano (1929). RCA model introduced same year."

"Photograph courtesy Mike Buffington: RCATheremin.com"

Or:

fit as needed

Caption change as suggested by Andy 15 October. DONE Tom Rhea.

Sending via email page 3 of RCA Theremin brochure, nice tie-in for use underneath new photo from Mike B. Sent Dropbox LINK to entire RCA Theremin brochure.

[21--4 source] capitalize "T" in RCATheremin.com check all uses for this

[21--9] Take a look at old [21--8] and make this change—using that graphic RH page, please. It's a concert announcement.

OCTOBER 16

[21--1] Rescan terpsitone plate in Radio Craft December issue - scan whole page from book

[11--1] Find something to replace picture on LH page -- Woman playing singing keyboard in new folder from Tom. Rescan from Radio-Craft issue April 1936

----- Caption reading "Singing Keyboard by Frederick M. Sammis." source: *"Radio-Craft April 1936"*

--- Caption on LH page change "talking keyboard" to "Singing Keyboard"

--- bottom left picture on LH page - "Detail of the Singing Keyboard mechanism and film strips."

[11--2] Scan better Polytone Illustration from Radiocraft May 1934

Re-order Theremin section in inDesign

17 October

[21--1] caption

Change "George" Goldberg to "Julius" Goldberg on LH page bottom photo caption

[21--5] "T" in RCATheremin.com is still not capitalized.

[21--3] caption RH top photo take off final "(1929)" from the caption, it's redundant.

Name files by the date/issue of book:

Scan radiocraft June 1935 - page 713

Scan radiocraft Hammond July 1935 - page 9

Scan radiocraft "third dimension in music" and Polytone illustration May 1934 pages 654 & 655 & 657

Scan sonovox in Radiocraft March 1941

Scan Radio Craft cover La Guardia October 1940 - Scan pages 234 & 235

OCT 23

Did I forget to give you the Porter Heaps 7" LP for transcribing. Same as before but hoping for quieter surface

- Will get 7" tomorrow

12-1 patent incongruency graphic LH page bottom number not correct. Perhaps it is a British patent. The Shead book might resolve this. Do you have it or have you given it back to me?

- Dont have the book

I've ordered (24 OCT) a different biography of Emanuel Moor and hope to have within 10 days.

Now in hand, no patent # so we should remove that # LH page bottom E Moor Prelude to E Piano

JOE'S NOTES from studying/critiquing the single-page layouts:

5+6 gutter justification

31 - Background Cleanup

43 - Add page number

85 - gutter justification

* 95+69 - layout centering
* 35+36 - layout centering
117, 118, 119, 120 - add number
122, 123, 124 - remove number
136 - move caption to left side
153 - remove number
* 159+160 layout centering
168 - remove number or fix caption
169 - gutter justification
178 - restoration
189 vs 190 font size
198 - clean up layout
209 - cleanup clone job
217 - remove number
219 - add number
* 229+230 - layout centering
242 - clean clone job (dodge & burn)
247 - water stain on photo - sleeve, lighten bottom photo
273 - clean up face in bottom photo

30 OCT Tom

Joe, just for my info and curiosity, what is a “clone job?”

-- There's just a couple places where I can see artifacting from a sloppy use of clone brush tool in photoshop. Like a digitally smeared moire. Just a 5 minute fix to clean it up.

Yeah I did notice that some pages did not have numbers and wondered why

But noticed “remove number.” What is this?

-- Flipping through examples of books like ours, I've learned that it's common practice to remove the numbers from full bleed image pages. Yeah, OK, I just wondered about that keep up the great work!

Reckon we'll put all the changed pages in when we see each other. Good to have all the formats for page layouts, although the numbering system changes for each format basically. Somewhat hard to find a specific (old) “Double Wide!” But great to whiz through looking at EP book.

01 NOV

Some fixes on Forewords:

Kehew Foreword:

2nd paragraph line 5: “therefore be worse—and “ close up EM to “and”

-Fix ems in Brian's foreword.

— Looks like Brian used ‘en’ dashes in his rather than ‘em’ dashes.

<https://www.smashingmagazine.com/2011/08/mind-your-en-and-em-dashes-typographic-etiquette/>

5th paragraph line 1: "further" not "farther"

6th paragraph add sentence to end of paragraph " . . . own deeper stories." add:
"It might be difficult to find "new" places that don't have Tom's latent fingerprints."

And "Intro and Acknowledgements" sections:

2nd paragraph line 3: "**Paradiso Rhea**" should be in bold.

1st paragraph RH column needs a period at its end.

[second page of Introduction LH column 2nd paragraph, add sentence after **David Gleason** acknowledgement ending: " . . . americanradiohistory dot com;" add: "Thanks to **Uncle Sam**, U. S. patents are available by patent number (patft dot uspto dot gov/netathtml/PTO/srchnum dot htm);

[21--8] NOT Clara Rockmore

Change caption? Yes, when we meet today 05 November.

Brian's foreword change to EM dashes

[26--1] New Solovox Picture

Caption addition: Courtesy Steve Eaklor, Historian: Hammond Organ Company

Scan dynatone page for possible use Scan BOTH pages as Ansley photo is on other . . . Tom.

Scan ads for new Wurlitzer dblwide

Jurgens Trautronics Mixtur picture in Trautonium Section

Move Mixtur name first in caption.

[30--9] Possible new pics for Forbidden Planet (dvd cover) and McLeans

06 November

Sent email showing rough layout for EMEAPP/David Friend appeal for funding

Please show me something when we meet Monday next

- Let's try to find a better version of their logo.
- Please use what we have, I need a page ASAP!

I'll try to get a better version AS EMAIL SHOWS, WE DO HAVE A BETTER VERSION, ALTHOUGH I WONDER IF DREW R HAS A HIGHER RES IMAGE OF ARP QUADRA AND EMEAPP LOGO (13 NOV)

14 November

Add to EMEAPP-Friend sheet:

Right under 513c3 centered -

“Vince Pupillo Sr, Founder & President”

New Trautoniks PSD to Tom

[26--1 40's and 50's Mono Kbds add source for Solovox photo LH page bottom right}

[26--1] caption redo

"Courtesy Steven Eaklor, Hammond Organ Company"

-Additional layout balancing on LH page to work better with the full-bleed image above it.

[30--12] Added new Forbidden Planet scan

Nov 18 revised layout/additions Louis & Bebe Barron page. Great!

25 November

“Lost Weekend,” “Red House,” “Spellbound,” “The Day the Earth Stood Still” doublewide in
Theremin Section, blue Spellbound 78 music by Miklos Rozsa

- 2 doublewides?

[12--1] Remove “(Based on Patent no. 161,549)

[15--2] Is this really the Hardman Peck? Not Krakauer? It's really Hardman Peck (from my
scans)

TOM:

[19--1] Identify Lev Theremin in LH page bottom left?

[21--1] Tom to ask Mike Buffington about LH page bottom photo - find better photo?

Lydia Kavina CD

Full Backup on Tom's HD

Scan theremin stuff from Radio News magazine

Scan Electric Ensemble from Radio News

Theremin cello picture (scan entire article - 3 pages)

+ circuit diagrams from Radio News August 32

Make new contact sheet

Add new pages in inDesign (new 15-2 and new 21-11)

[30--11] Lighten RH top right photo slightly

-Used scan from Keyboard magazine

[12--1] boost contrast on LH upper photo

[15--2] Clean up the yellowing of the page, including the dark edges.

-- Scan keyboard magazine - Forbidden planet + Barrons, and possibly replace RH page top picture of Barrons with better scan.(Tom)

-copyright from Wendy on her pictures

"Carlos's Circon," don't leave the last "s" off. Her choice, not mine

©1968 Serendip LLC

1968 is the copyright date for the Moog SOB 1968 system.

[15--2] Dynatone full-page DB spread, both page DB spread

include "Life" magazine [The Ansley Dynatone DW we just placed in the EP book is from Life Magazine January 9. 1939]

[17--3] Rhodes - scan new red Ad and replace blue Ad on LH page

11 December 2019 Reckon you've done this Carlos addition below as it is in blue. Yep

Ah, copyrights. AM explained the proper format again today. It's actually simple. Both year of original file, then year of reworking/editing, comma to separate them. So in case of the photo in question [1968 Moog SOB photo original column LH page], that'd be:

©1968, 2019 Serendip LLC — All rights reserved.

And the Circon photos I did both camera and editing this spring, as you'll remember. So it's even shorter for those:

©2019 Serendip LLC — All rights reserved.

-- Scanned "Music from Electrons" - Theremin article from Radio News

01 January 2020

Carlos color photo on Moog Synthesizer LH page.

Double wide Carlos following pages

1) *the pix above Bob's vintage shot I sent you last week is—*

Wendy Carlos's studio while creating SOB. ©1968, 2020, Serendip LLC.

2) *wide shot from above, lots of clutter—*

Wendy Carlos surrounded by many "tools of the trade." ©1992, 2020, Serendip LLC.

3) *panorama, me wi Synergy pair—*

Performing (*microtonally*) on Synergy digital synths. ©1985, 2020, Serendip LLC.

4) *new 4-tier modular wi me—*

Carlos at the mature 4-tier Moog modular in late 70s. ©1977, 2020, Serendip LLC.

Website stuff -

Link URL from namecheap.com

[27--6] Donhauser books

Scan @ 300 TIFF for Peter's new book. Yes, the image wraps around to back side of dust cover! Not symmetrical

Caption:

"Spanning 120 years: Part 1 pre-1945 instruments; Part 2 Meyer-Eppler's invention of electronic music and its consequences."

Source:

"ISBN 978-3-86408-252-8 Copyright:Vergangenheitsverlag, Berlin / 2019"

LH page omit from caption

" and Patteson "

Make RH page source follow scheme showing in LH page ISBN number last (and use copyright symbol on both)

"invention of electronic music"

Happy New Year!

I'm wondering if there were significant images to scan in that group of mags I sent you off with prior to the New Year?

Adjust page numbering in table of contents to account for new Theremin Movies page (21--11)

January 14, 2020 to do:

- Research Keynote and transitions
- Quick Demo Keynote
- Various Scanning
- Science of Sound LP Digitize
- Musique Rituelle 10" Digitize
- Life Magazine scan - cover and interior article
- Hugu New York Times Scan [just for article of Voder at bottom of page 1]
- The Story of the Hammond Organ book scan

- New Cellulophone picture - Restore

[9--01] Insert new scan into layout

Added a new folder in the Archive for World's Fair materials

January 24, 2020:

[15--1] Minimize Glare

[17--2] clean up backgrounds in photos

[21--1] lighten LH bottom photo

[24--1] RH page lower-left boost contrast on photo

[22-4, 22--5] color-correct slightly. Too yellow

[30--11] RH page - switch top two photos [?? Tom. Your take?- Big Improvement!]

[38--1] "Harald Bode with his vocoder (directly behind his right shoulder)." + restoration on pic

[30--9] Fix hanging orphan line of text
[30--9] Get new credits from Prieberg book
[30--9] Image: H. Karmine [for 30--9 RH page from Prieberg]
Make BG white: 30--5, 32--2, 32--3,
[32--3] add background back in.

[28--4] New Trautonium Ads Doublewide
-Captions
[28--2] Trautonium Book Elektrisches Musik book doublewide
-Captions --

ASK HAL FOR PANTONE NUMBER FOR OUR CLOTH COVER GREEN
Tom has done this

[15--1] bring back bit of texture where glossy was erased
[17--2] fix background mask

Telharmonium replacements on Telharmonium from McClure's Magazine
Add provenance for all photos taken from McClures
Joe: When adding provenance, is it "McClures" or "McClure's" (Magazine)?

[2--1] check cylinder RH
[2--2] replace Rh photo with McClures page 296 flop
Rh with LH pages
[3--1] replace RH bottom photo to McClures page 294
[28--2] Additional cleanup looking forward to this, the Trautwein book looks pretty grungy!

Haken Continuum - Fix glare on triangular speaker
Welte Organ photo restoration - slight burning to over-exposed whites
Page number check in InDesign

Digitize Plymouth Rock CD
Digitize Arp Flexi
Digitize 7" x3

Feb 11 2019

[28--3] additional layout work - enhance "Lenzola" on drum - RH page of ad
[12--1] LH Page top - More contrast
Clean Blueprint End Pages

Press don't delay in contacting Hal Belmont re all outstanding issues.
Keep me in that loop please.
Also, please finalize the last few improvements on specific double wides,
and get those to me.

Finally, we need another "contact sheet" of our basically "final" version just as we have had prior to this. I need this for a tool to contact the "advance praise for" people I will ask

Brady bunch C. Givélet background darken slightly
Telharmonium Arthur Cahill 3--1 clean face as in cover

11--6 Credit Mick Grierson Goldsmiths see emails
"Professor Mick Grierson:" insert prior to "Goldsmiths, University of London"

[9--1] Put in patent number "1,948,996" on LH page bottom right
+ Await possible new materials for new doublewide
[9--1] Slight cleanup on new patent materials in small box
[9--2] Insert into Indesign. + Restoration on photo and patent diagrams

[26--2] Scan solovox stuff. (Radio News March 1938) New doublewide with "FIGURE 7"
(solovox keyboard illustration) + back side of that printout showing interior.
Scan illustration of Solovox Tone Cabinet
Current [26--2] becomes [26--4]
Current [26--5] becomes [26--3]

NEW TEMPLATES FROM HAL

- Remove Barcode placeholder as it will go on a sticker

New Praise quote from Michelle Moog-Koussa

Added acknowledgment toward end of section (08 March 2020).
"Finally, I would like to thank the late Donald F. Buchla, who pointed out to me so many moons ago, the desirability for authors in the field to write about *what they know*, rather than trying to write yet another primer or "comprehensive" text. Thank you Don!" Presumably we added " . . . the late . . . " in this paragraph in the Acknowledgements section?

[9--2] Clean up wall shape behind player's head
Great! But you haven't sent this [9--2] enhancement to me 12 March 2020

And I need dust jacket layout as well as cloth layout Tom. Obtained from what you sent to Hal.

Possible Drops:
05--4 RETAINED
06--2 RETAINED
15--2 Removed from Indesign and 8th inch bleed
25--6 RETAINED

General To Do:

- Book cover full layout preliminary done
- Dust Jacket full layout preliminary done
- CD designs
- CD PAGE -or- CD Booklet layout
- Final Page numbers - Updated as of Feb 2020

-- POSSIBLE Praise Quotes from:

Those first asked via email in BLUE:

Names should go on right and be "outdented" so they stand out.

Wally RESPONDED FAVORABLY! (as sent, no edit needed). Wally De Backer (Gotye)
"So rich in research and images, this book illuminates electronic music history brilliantly."

Wendy

Very unlikely to provide a quote!

Laurie Spiegel RESPONDED FAVORABLY! (edited version)

"This is absolutely wonderful! Many images and much info on the history of our electronic art that I have never seen anywhere else. Tom Rhea has produced an incredible resource—it will be welcomed by and give pleasure to many lovers of electronic music."

Michelle Moog-Kassa RESPONDED FAVORABLY!

With uncommon expertise, historical insight, and intellectual clarity, *Electronic Perspectives* explores the immensely important journey of electronic music, illuminating rare and known developments alike. This essential book is at once an ode to the forebears of electronic music, and a gift to the musical community of the future from which we all stand to benefit.

Jim Scott

Ben Luce

Larry Fast

No response as of yet (25 FEB)

Rob Schwimmer

Jean Laurendeau

Brian Kehew RESPONDED FAVORABLY! (edited version)

"*Electronic Perspectives* is destined to become *the* classic in the field—plus the newly restored photographs and graphics are simply gorgeous. The book perfectly bridges the gap between pure information and great fun. It's fascinating to see how some brilliant instruments became icons—and others vanished without a trace."

Peter Donhauser
Mike Buffington & Andy Baron

Joel Chadabe RESPONDED FAVORABLY! (edited version)

"This is an essential look at the invention of electronic music. It's about human creativity—not only the music but also what *makes* the music—the instruments. And these people are incredible!"

Vince Pupillo Sr.

Irwin Chusid RESPONDED FAVORABLY! (edited version)

"To those who think electronic music is a fairly recent phenomenon, Tom Rhea offers a guided tour of this music's century-plus history, including forgotten pioneers, overlooked geniuses, and neglected inventions."

Rick Wakeman RESPONDED FAVORABLY! (edited version)

"This looks fantastic! Keyboardists and keyboard lovers the world over have dreamed of a book like this for years. Who says dreams don't come true. It's a must have."

Michael Boddicker RESPONDED FAVORABLY! (final version from Michael):

"Tom Rhea's writing at Keyboard Magazine documented and led the music industry through its most expansive period: the age of electronic music. Can't wait to get my copy!"

Michael Lehmann Boddicker

Instead of a "bio" from you, perhaps it would be better to approach this way . . .
THANKS!!

Notes from call with Hal:

- Get a "90,000" number to not have price built into Barcode
- Shrink wrapped with barcode sticker

Deluxe Options
- Signature Page

8.5x11+ 1/8" for bleed

COVER OPTIONS:

- Cloth w/ Embossed spotgloss photos + foil text
- Matte printing on cardstock(?) w/ spotgloss photos and foil text

Clamshell Vs. Slipcase

- 3.5 Months to allow for proofing process, printing, shipping
- ARTRON Printing Ltd. "Made in China" Put under barcode

-- POSTERS?

Detroit Free Press (03--2)

Elektrische Musik Lertes book 1933

Voder brochure

Telharmonium

Singing Arc

Hammond Pic (05--1)

Vintage Radiocraft

Theremin

Ondes Martenot

NWE wide shot

Elektrische Musik Color Cover (27--2)

The first Synthesizer

Raymond Scott

Trautonium

Moog

Buchla

Front and back of theremin w/ picture of Theremin himself

Retrieve first Oxylights (1) video for easy use in computer as 2 and 3 presently are . . . see "Animation" section of Alfred videos. Call if need to discuss . . .

NEW 10 MARCH

[26--1] RH page (original column) first paragraph RH column "Harald" rather than "Harold" Bode.

[26--2] Replace block diagram on RH page with photo of player from Solovox Book

Scan Electone Article From Radio News

March 15, 2020

Error(s) in Introduction and Acknowledgements section 15 March 2020

Next to last column we have "Benjamin Lucet" rather than "Benjamin Luce"

- Browse and scan 11 Radio Craft Magazines [18 JAN 2020 anything of significance?]

- Found Great "Singing Keyboard" illustrations - we are already using but possibly better quality.

---- Replaced with article illustrations with new, sharper scans

-- CD designs - Preliminaries - March 17 2020

Back:

Trill Logo same width as "Advance Praise For"

Mono - keyboards:

Ondioline Ad + photo > Jean Jaques Perry > Wallys Books come last,

I effected this change in my 8th inch bleed hi res images with no problem, Tom 16 March.

[21--1] source "Courtesy of Caramoor Center for Music and the Arts" add this. Tom 16 March.

18 March 2020

New (possible) DW that incorporates older Ansley Dynatone 2 page article with Radio News March 1938 article on Krakauer Electone.

[Source LH bottom flush right] duplicate "*Life Magazine (January 9, 1939)*" This will then appear on BOTH LH and RH pages flush right.

[Caption RH page bottom left flush left] "Ansley Dynatone."

[Caption RH page bottom on left of piano photo] "Grand piano."

[Caption RH top part flush left on bottom of page] "Vintage Krakauer Electone article."

March 19, 2020

In the front matter, take "Irwin Chusid" off of the Restless Nights LLC group, put the "and" appropriately. Sent also as an email on 19 March.

Under "Synguru graphic" at end of Intro & Acknowledgments section add and center other the 2 existing lines, a third line "(Original in black & white.)"

"**Donald F. Buchla**" should be in **bold**. Intro & Acknowledgments last column
--while sitting at his kitchen table--

Under "Thank You" in Intro section, make "**Gotye**" **bold**.

Next column to right:

"**Christophe Duquesne** and **Lippold Haken** provided photographs of the Onde, Pyramid, and Haken ContinuuMini." change to:

"**Christophe Duquesne**, **Lippold Haken**, and **Edmund Eagan** provided photographs of the Onde, Pyramid, Haken ContinuuMini, and Eagan Matrix Expander.

20 March

JOE, BRIAN LIKES THE IDEA OF MY WRITING "ON" BOTH OF YOU FOR DUST JACKET

22 March 2020

New DW Ansley Dynatone article and Electone article

Make it new 15--2. And add 1 to existing 15--2 and 15--3. I'll do this and leave space to simply drop in new DW 15--2 Then 16 is a new column send via dropbox high res final

[21--1] need Caramoor credit (in italics) for pic LH bottom "*Courtesy Caramoor Center for Music and the Arts*"

24 March 2020

Add: Front Matter VIII left hand column

"and **Roanne Wilcox** (Caramoor Center for Music and the Arts.)" Final paragraph on page for archivists.

[52--8] New Conbrio doublewide plus cleanup on photos
NOTES on 24 March Joe to Tom package of PSDs
[9--2] must already have; looks identical to what I've got
[11--1] LH Page bottom left photo is a new scan
[26--2] ditto, already had RESOLVED 24 MARCH 2020

30 March 2020

[29--2] Trautonium Sala Page CD covers
[17--6] Lemon Ad + With turkey

30 March 2020

[26--2] photo on top RH page lacks proper source:
~~"Second Solovox Album Songbook, John Fink Jr. 1950 Theodore Presser"~~
OR, did this photo really come from "To Solovox Owners" Manual (add word Manual if necessary).
New 26-3 Clavioline doublewide from new archival materials 26-4 = tuttivox
[17--6] Rhodes Ads Turkey and Lemon - add captions + dates
[48--4 now 48--2] New Hugh LeCaine DBL with book cover - Possibly make this 48--2 as it's related to the Sackbut and other LeCaine projects would follow.
Sackbut Blues book cover scan cleanup
Need caption for the Sackbut Blues book - publishing info

02 April 2020

[26--3] "Conservatory" misspelled. Will await corrected version.
[48--2] LH caption lower "Innards of the Sackbut" are we certain this IS of the Sackbut, and not of the instrument shown immediately above? Let me know your intel for this
It came in a folder from Gayle young which contained maybe 30 shots of the sackbut. It's where we got the images for 48--1.
https://www.dropbox.com/sh/gv9w2sy6vjho121/AAAxo_CffCwWy23r6uAW6xKla?dl=0

03 April 2020

[26--3] On both LH and RH pages, it's "Clavioline" NOT "Ondioline!" Please alter and get this back via Dropbox
[26--3] RH page lower right Gibson Clavioline ad is that black stuff to left intentional--part of the ad, or can that be removed? I just noticed the image of an orchestra, but wonder if that black spray to keyboard was original part of this ad if not, can you improve?

06 April 2020

New 38--2 (bump other voders down) New Voder doublewide with life magazine page and Voder 1942 RC APR pictorial - IN PROGRESS
30--3 what is e music? Wobble doublewide new "Odd Device makes music from air."
- ADDITIONAL CLEANUP

08 April 2020

Front Matter: add "Daniel Fisher" to group of names for Sweetwater and let me know.
[48--2] New DW Le Caine is there any other PIC we could use RH top so we could exchange RH and LH pages G Young book on LH to accommodate our bias of not looking off the page, but toward the gutter? Let's talk on this.
-- See email with attached photo of Sackbut LH controller proto . . . from this 08 April email:
-- What if we used the attached "Prototype Electronic Sackbut timbre control unit" photo in lieu of Le Caine LH upper, and then switched LH and RH pages? I just don't like the layout showing Le Caine facing off BOTH pages and there will be a full DW of the Touch Sensitive Organ on next DW

09 April 2020

[48--2] Caption yes: "Gayle Young's comprehensive publication on Hugh Le Caine's oeuvre."
On new LH page for caption to Gayle's book

10 April 2020

[21--10] (Theremin) add sources LH page top left PIC of ensemble:

"Modern Mechanix June 1932"

LH page top right showing one cello:

"Modern Mechanix May 1932" Error: note that this is MAY, not June

NEW SCANS

- New Miessner / Cracraft 4-piece scan - New doublewide - 15--5
- H Olson - RCA
- Voder Photo / Voder Manual - check voder scans and possibly replace
- Replaced 1 - the diagram on 38-3
- Violin Trio
 - Export new preview of front matter for tom
 - New PSDs for Tom

10 April 2020

[15--4] caption changes: change "Electric" to "Electronic" on LH page photos

[15--5] NEW DOUBLE WIDE QUARTET CRACRAFT ????

I renamed this "Cracraft" instead of "Electric" and you forgot to put "Hammond" in front of "Novachord." Oi ve!

Don't forget to replace Indesign to original for "Wobble" [30--3]

16 April 2020

Hammond 1 photo lighten / cleanup

Clean documents from Joel Chadabe

New large backup on external HD

May 14 2020

- New Les Paul Doublewide
- Add captions

[25--1] Check new Novachord scans and compare with original pictures
-- Check new Hiller slide scans - CLEANED - flop
-- Check new Hammond scans from La Science et la Vie in "hammond 1" folder

New Contact sheet

-- Color Correct Keith Emerson Slides

06 June 2020

[52--8 Con Brio DW added captions]

52--8 LH page top new total caption: "Con Brio ADS100 early digital synthesizer. Generated sound effects for *Star Trek The Motion Picture* (1979)."

ALL CAPTIONS END IN PERIOD. ADD PERIOD TO "Con Brio ADS200R."

RH page:

"Con Brio ADS200, played by Brian Kehew and Roger Manning in *The Moog Cookbook*."

"Brian Kehew's ADS200 Con Brio, only unit ever sold."

Or how about: "Brian Kehew's ADS200 Con Brio. The only unit ever sold."

09 JUNE 2020

09 June 2020

Final version for dust jacket:

Joseph Bastardo—a rising young talent whose eye for detail, indefatigable energy, and thorough mastery of pertinent tools mark him as a true graphic arts professional. Joe worked his magic quickly and efficiently, often as we sat side by side creating layouts. His fastidious restorations of photographs and graphics brought worn images (seen in all too many places) to sparkling new life. His layouts seem to intuitively manifest what Susanne K. Langer calls *significant form*. His experience as a synthesist, composer, and performer informed his graphics work for this publication, and he shows budding capabilities as an historian in the field. I look forward to working with Joe on future projects. www.josephbastardo.com

Joe, left off italics on the captions for Con Brio [52--8] shown above get the good one back to me.

NEW LES PAUL DW verbiage LH page for rectangular insert on mag cover:

"Les Paul's "The Monster" mixing console: Rein Narma—design; Bob Flint—electronics; Richard Schulze—mechanics; Jay McNight—assistant design EQ. Opposite page top—Ross Snyder conceived of *Sel-Sync* (selective synchronization) for Ampex 8 Track tape recorder, and David Sarser sold the first unit to Les Paul for \$10,000 (1957 dollars!) This Ampex Model 5258

“Octopus” greatly improved and simplified Paul’s earlier “sound on sound” techniques he used to make multi-layered recordings with wife Mary Ford.”

JOE, I RENUMBERED THIS DW TO 30--12 !!!!!!!! Can you further de-green the RS phot on RH page?

Digitize only "face 3" Martenot music of the 3 records

RH page caption lower photo: “Les Paul at his electronics workbench.”
Source: “*Rolling Stone* 13 February 1975”

RH page caption upper photo: “Les Paul’s Octopus–Ampex 8 Track to right of console.”
Source: “*Photograph by Jay McNight (October 1958)*”

Electronic Perspectives LLC

09 JUNE 2020

Changes to dust jacket:
Move “***Tom Rhea on:***” to flush left and make bold as well as italicized.

On “Advance Praise” page: “Wally De Backer (Gotye)” should be preceded by a dash, like others.

Make “Advance Praise for Electronic Perspectives” smaller font size, remain centered
Reduce Tom Rhea TR logo commensurately on bottom of that page, let’s discuss and go back and forth until it looks less “horsey.”

Reduce “Tom Rhea” signature on inside jacket page and position in space after “share it” final sentence. Let’s discuss again I think this needs toning down

CON BRIO

“All photographs courtesy Brian Kehew”

24--1 New Coupleux playing Organ - replace photo

Good work. I renumbered the Les Paul layout to 30--12 Please take note when you add the caption on LH page. Right on!

Jerry Hiller Slide - Improved? - YES!
-- Replace into new layouts.
---- SEND PSD to Tom

15 & 19 July 2020

49--1 R Scott LH bottom caption change to
"Raymond Scott at his Electronium, home studio (1971). Clavivox in foreground."

13--1 Neo-Bechstein caption LH page bottom change caption to:
"The Neo-Bechstein-Siemens-Nernst electric piano, radio and phonograph in speaker console."

15--5 Cracraft quartet caption RH page addition:
Add "Gibson" in front of "Double Neck Guitar."

13--2 ~~Nernst Book page 301—extract diagram and photograph (pdf page 10) and use their caption (something close to it)~~

13--2 RH page move color photos below the elektrochord

13--2 flip pages

<https://www.hhi.fraunhofer.de/en/fraunhofer-hhi/about-us/history-of-hhi/90-years-hhi/the-orchestra-of-the-future.html>

Oskar Vierling playing the Electrochord

Picture: Fraunhofer Heinrich Hertz Institute, Berlin, Germany.

01 August 2020

13--2 Captions on flipped pages

LH Top :

Caption "Elektrochord piano (1932) due to Nernst, Vierling, and Miessner."

Source "Courtesy Annekatriin Förster of August Förster GmbH"

LH Bottom Right O Vierling playing:

Caption "Oskar Vierling at Elektrochord Piano." or "Vierling playing Elektrochord."

Source "Courtesy Martina Müller of Fraunhofer HHI Berlin, Germany"

Final version "Fraunhofer Heinrich Hertz Institute Berlin"

LH bottom "Neo-Bechstein electromagnetic pickups."

Source

RH full page

Caption "Neo-Bechstein Electric Piano."

Source "Neo-Bechstein photos courtesy "Elektrische Muziek" (1988) Haags Gemeentemuseum. In memory of Onno Mensink"

03 August 2020

25--5 RH page

Replace with newest brochure with dark red tint if no loss of detail is incurred. Added color . . .

04 August 2020

13--2 changes for captions/sources:

LH page bottom left (Vierling at piano)

"Fraunhofer Heinrich Hertz Institute Berlin"

ALSO

Place caption:

"Note 5 strings per Neo-Bechstein pickup."

Under the middle photo LH bottom . . .

11 August 2020 38--5 captions addition?

Any way we could add a second line of caption on bottom photo RH page? Below existing caption. It would be:

Using the Sonovox, NBC radio studio to make instruments "talk."

Speakers on throat act as voice box. Silent mouthing makes audio "talk."

We can condense both captions into one, so we don't have "talk" in quotes in both lines.

~~NBC using the Sonovox. Speakers on throat act as voice box. Silent mouthing makes audio "talk."~~

FINAL:

Speakers' sound on throat act as voice box. Silent mouthing makes sound "talk."

Note that "talk" is in quotes. This explains action of Sonovox which may not be obvious.

FINAL FINAL 38--5:

Speakers' sound on throat acts as vocal cords. Silent mouthing makes sound "talk."

16 August 2020

01--1 Overview column RH column 5th quote down change "Spielman" to "Spielmann"

13--2 LH page top photo caption change "piano" to "Piano"

14--2 The caption on LH page has 2 periods rather than the normal 1

~~Wondering if we should remove “Fig. 5” from the illustration and~~ remove the reference to Figure 5 in the caption since there’s only one diagram on the page.

Joe, not a bad idea, although keeping what we have shows the reader this is only one figure from the patent, so let’s just let this stand.

How about we keep the “fig 5” in diagram, but remove reference to it in the caption? I only say this because once I had read it for the first time in a while, it seemed a little complicated.. Like I was looking for another figure as well.

OK. Good thinking. Let’s do this as you suggest!

Good to see that you’re up and at it, thanks!

“Miessner’s Electronic Piano which uses no soundboard.”

Centered caption on RH page so that the spread is more symmetrical.

17--1 Column RH page middle column near bottom change price in parens to “\$199.50” instead of “\$99.50”

18--1 Lee de Forest’s name should have 3 separate elements, and the “de” should have lower case “d” occurs several times in RH column, please make sure you correct all. Exception is when “De Forest” starts a new sentence.

19--1 “Lee de Forest” for caption LH page bottom right photo

25--1 Novachord in column RH second paragraph final accent missing in “Grofe” make it “Grofé”

37--1 Extraneous dash in 3rd column (in column) second paragraph. Shows “-modifying”
Remove that small dash

39--1 Typo in column Osmond Kendall Composertron

Middle column (RH page) 5th line see “. . . . media such as the state “

This should be “stage” [as this word appears just above, a simple substitution may be in order.]

40--1 error in column Dr Kent Music Box third column RH page paragraph 3 reads:

“. . . described in last month’s column “

Change to “. . . described in *a previous* column “ [no italics, this just for communication]

41--1 RCA change of wording leftmost column bottom paragraph

“. . . . Columbia-Princeton Electronic Music Studio” change “Studio” to “Center.”

43--1 RCA and Monophony

Add the following sentence in parentheses to the first paragraph:

“(Technically the RCA was duophonic but worked best monophonically.)”

46--1 RCA Synthesists - Again, replace “Studio” with “Center” in middle column 4th para down.

46--1 Caption photo in column replace "Tape Center" with "Electronic Music Center" or shorter "CPEMC" instead of "Columbia-Princeton Tape Music Center"

50--1 Moog Synthesizer rightmost column 5th line change "Carlos" to "Carlos's"

38--2 By the way, the source for the new DW 38--2 on Pedro to replace the other DW should be "*Popular Science April 1939*" (no period as per our protocol)

21 August 2020 further change to caption LH page 14--2
"Miessner's Electronic Piano which uses no soundboard." change "which" to "that"

22 August 2020

02--2 "Thaddeus Cahill" caption on LH page lacks a period, as other captions have.

Develop 30--X new DW for Philips Expo building from new materials just given to you...

New 30-8

Bump all the preceding sections in 30 down one number to make room. EVI becomes 30-14

24 August 2020

New Philips 30--8 captions and sources

LH page top "Philips Pavilion 1958 Brussels World's Fair." "*Photograph by Jan Bÿvank*"

If we replace this B&W PIC with the color PIC on page 147, there seems to be no photo credit. Look for it, please. This went to 30-7

LH page bottom left "Constructing the Philips Pavilion." "*Photographs by Hans de Boer*" [for both bottom photographs]

LH page bottom right "L-R: Engineer L. C. Kalff, Le Corbusier, Edgard Varèse."

RH page source "*Revue Internationale d'Eclairage 1958 No. 3-4*" [this is the name of the overall document. Note color on page 147! No place to place?]

Should consider changing RH and LH pages on this Philips 30--8 DW as the PIC with the trees seems to flow to the right . . . presently away from the gutter. What do you think?

New DW further changes

8--2 "Superpiano" with cap "S" in caption LH page

50--8 caption on LH page lacks period and add "Program" before that period.

Should “concert program” be lower case?

25 August 2020

38--3 voder DW looks different on contact sheet than on 8th inch bleed (full resolution). Is the bottom image LH page a bleed or not?

Looks like some important details might be lost when printed? Also on RH page, the brochure looks like it has no top edge, the white of the image goes into the white of the background. Maybe a very thin line at top to bridge the gap, same color as brochure? What do you think?

The contact sheet shows alignment on right edges of LH page images, my 8th inch bleed DW doesn't show this. Maybe there is a newer DW of this I don't have?

27 August 2020

DON'T FORGET TO SCAN THOSE 35 MM “NEGATIVES” I GAVE YOU IN A PLASTIC CARRIER, ESPECIALLY THE ONES CIRCLED. NEED POSITIVES YEAH “INVERT.”

30-7 RH Page caption period and try full bleed on RH page caption/source would be knocked out.

30--8 exchange bottom photos on RH page. Keep captions and sources unchanged.

38--3 caption LH page second line within parentheses “(See Voder detail below.)” (add “Voder” to avoid confusion).

29 August 2020

30--13 Caption RH page Les Paul 30--13 top photo is in italics evidently. Should not be.

30 August 2020

End of Intro and Acknowledgments credit for Muriel's “Synguru” graphic once had it's provenance and the fact that the original was in B&W. What happened to that?

Place on opposite RH page near bottom of Synguru graphic:

Synguru graphic (opposite page) c 2021 Muriel Louise Palmer Rhea.

First published in *Front Street Trolley* 1976 Nashville, TN—original in B&W.

Colorized by Joe Bastardo 2019. [treat period(s) as you did originally before those lines were dropped.] [“c” is copyright symbol above]

31 August 2020

Typo in column 26--1 Monophonic Inst of 40's/50's RH page rightmost column 3rd paragraph "commercial" is misspelled.

Let's change this prior to making that new contact sheet, if possible!

LB WHEATON's

Scan in IMG00003.jpg, IMG00004.jpg

Provenance Wheaton scans *"Newsweek 5 February 1940 Photos by Pat Terry"*

NEW 15-6 New Cracraft Doublewide featuring LB WHeaton's scans on RH page and Violin Trio photo on LH page

15--6 We await Newsweek mags for improvements of photos in this new DW, Thursday 10 September, Mags are in, make these substitutions

08 September 2020

13--2 caption LH page lower left image of O. Vierling is italicized, change to normal

15--6 Revert to older Monici LH page photo and analyze others as well. Older were shot with Panatonic X film. I think ONLY the LH page should revert to our original layout. The RH bottom photos seem better than the original layout. Perhaps the original (Panatomic X) LH page of Monici can be cleaned up?

14 September 2020

43--1 add accent "é" to final "e" to "martele" in RH page second column third from bottom paragraph.

16 September 2020

30--7 Caption change LH page for source. Remove "Source:" from provenance on bottom of page. We don't use the word "source" elsewhere.

30--10 Switch RH and LH pages in this DW. Following DW is of Dutch labs. Also, the "tools of the composer" side fits the preceding DW's program of E. Music better.

Incorporate the Day the Earth Stood Still DW after Spellbound + Red House

HPSCHD - replace dinner pic with picture showing the logo

21--6 "Premier Artist" not "Premiere Artiste"

Morton Subotnick and S. Ciani "Premier Artist" not "Premiere Artiste"

52--5 LH page caption. Replace "composers" with "creators" for Cage-Hiller caption.

52--5 RH page flip bottom-top images. RH page bottom image caption "HPSCHD: algorithmic composer surrogate music realized by computer."

52--3 Addition to caption RH page middle of page:

“Lejaren Hiller used the ILLIAC computer to create “composer surrogate” music, in which the computer makes musical decisions based on processes defined by the composer. This differs from direct digital synthesis where the computer generates what will become the actual sounds.”

on top of current caption? . . . call me if you need guidance. Perhaps split the new caption above and below the photos top right and left on LH page? Let's discuss. Let's also take OFF the hyphen in the ensuing DW 52--5 between “composer” and “surrogate”. Remove quotes. OK, we've decided to put this new extensive caption on LH page . . . of 52--3.

52--2 altered caption “Dr. Max V. Mathews, pioneer of direct digital synthesis.”

Move 52--6 (Laurie) to become 52--3 and move 52--7 (GROOVE) to become 52--4

Therefore Hiller starts as 52--5, 6, and 7

New 30--6 Gravesano DW (all others in this section add 1 and move down) I've already renumbered those later DWs . . . to make space for this new 30--6 so number it 30--6.

LH page caption:

“These 19 *Gravesano* papers edited by Dr. Werner Meyer-Eppler discuss older electronic musical instruments from the performance tradition, and newer systems mediated by electronic and time storage devices. Professor Hermann Scherchen went on to publish *Gravesaner Blätter* (1955-1962) which greatly extended this work.”

LH page source:

“Copyright [C symbol] 1955 Arsviva Verlag (Hermann Scherchen) GmbH Mainz—all rights reserved”

RH page drawing caption:

“Spatial sound manipulation and distribution system.”

Mark Vail:

- Within the Photoelectric Instruments section, chapter 8 The Superpiano (Aug 1977) was the second of three columns, but “Part II” didn't actually appear in its column title. Your choice on keeping “Part II” in its Contents listing because it makes sense, but it won't perfectly match the actual title of the column.

----- Intentional change^

- For chapter 18, First Electronic Keyboard, there's a comma between Arc and 1899 in the column title: “First Electronic Keyboard: Singing Arc, 1899” — it's correct in the PDF.
- For chapter 20 Joerg Mager, there's a colon after his name in the Word file, but it's a hyphen (“—”) in the column title. It's correct in the PDF.
- For chapter 22, “s” is missing after Martenot in the Word file, but it appears correctly in the PDF.

24 September 2020

Good work on Gravesano and Cage-Hiller DWs! Look great.

30--6 has a strange chevron LH page upper left hand margin. There are also some slight flaws from scans, e.g. the "T" of "MT" is obscured in right column RH page. Look for others please. Get this back to me via Dropbox please. And see below "[Albert Verley](#)"

29 September 2020

29--1 Sala playing in column newer scan better?

30--1 newer scan of photo on column better? Also LH page Schaeffer newer scan better?

30--5 newer scan of Phonogene better?

30--6 in RH page rightmost column it shows "André Verley" and this should be "Albert Verley"
THIS CHANGE WASN'T IMPLEMENTED FOR THE REVISED 30--6 DW YOU PROVIDED ON 29 SEPT.

30--6 assess whether new scan from book I gave you today 29 September for RH page right bottom graphic "Spatial sound manipulation" might be better. Newer seems less "bold" and messy in its nomenclature callouts.

30--9 Consider opening up RH page, with more space . . .æbetween middle and bottom set of images?
Source there seems a bit cramped no problem here.

38--3 Caption change LH page insert "female" after "Trained" and change "produce" to "produced"

52--5 LH page source at bottom has unnecessary parentheses, we don't do this elsewhere!

47--1 Paulo Ketoff new color photo

38--6 New Sonovox Doublewide - put gilbert (LH of current dbl) on LH new page. scan new article and put on RH page

30 September 2020

Need doc version of PDF called "Notes Layout 27 March audio tracks prelim" or later version ASAP! To work on tomorrow! Email is screwed up!

03 October 2020

38--5 NEW Sonovox DW. Reduce yellow on RH page, do cleanup of stray marks, etc.

RH page reduce top graphics and then move out to fit. This will allow for added caption line above the current caption that will read:

"Articulator Helen Eberhardt makes train sounds "speak" for Bromo-Seltzer ad. Carleton Young and Marian Shockley on left." ["speak" is in quotes]

New Novachord panel diagram.. Improvement?

I ended up inverting the new scan, turning it into black lines on white, then putting that over the grey texture from the original diagram, resulting in much crisper black lines and a cleaner image overall.

38--6 NEW LH page await discs arriving 09 OCT to see if this page can be improved.

---- Improve the currently existing, low res page

38--5 more work. The word "small" near the bottom of the first column RH page is almost missing and the "s" in "grommets" and the number "8" are obscured below this check over the entire column for such missing letters please.

07 October 2020

38-6 REDO "BROADCASTING" caption "*Adapted from Broadcasting magazine 13 April 1942*"

Vectorize walking guy logo, and sonobox logo

13 October 2020

Look at 11--1 to possibly adjust caption(s) and DATE year on LH and RH pages respectively.

IMPORTANT need this! Give tom new front matter

Check dr.tomrhea.com - make sure it's using "."

Put dates on the bottom of every column:

1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,
38,39,40,41,42,43,44,45,46,47,48,49,50,51,52

19 October 2020

BIG Backup

- Logo in EP frontmatter
- Incorporate Tom's audio notes into master file
- New frontmatter export including new table of contents and forewords
- New contact sheet

01 November 2020

Consider Oscar Peterson on LH page of 16--3 as a candidate for a "circle" on Title Page or Slipcase Cover.

02 November 2020

Adjust the "slipcase" panel as we discussed 02 Nov, i.e. spine, front, back. Send me a screenshot or PDF, and possibly a PSD document.

Fix Patrice Rushen's Afro in internal Title Page. Review and clean up any other images.

Send me the latest front matter with abridged bio data

Update jacket PDF with segmented spine elements.

Email Hal

BIG BACKUP?!!! On Silver 2TB drive I provided.

-Unfortunately Photoshop won't allow me to use the little silver SSD as a 'scratch disk'

My computer needs to use an external HD as a scratch disk, which makes the orange drive still the better choice for a "working drive."

HMMM . . . reckon I don't understand; the SSD drive IS an external HD. ??

Even though the silver is external, photoshop won't allow me to use it as a scratch disc for some reason. But it WILL allow me to use the orange one. So I need to stick with the orange drive, even though it is slower.

Re-adjust typography on Cover slipcase to allow for more space between the letters.

03 November 2020

Internal Title Page: Sonovox PIC in lowest right circle makes Wright's head the largest on the layout. Can we reduce his size and show more of his arm, etc. As I recall, this is a large Hi Res photo to work With. Lemme know what you think/do.

Cover with "nine circles" concepts.

07 November 2020

Bottom of Track List put EP logo under each column, and "P" copyright symbol "Electronic Perspectives LLC" © Electronic Perspectives LLC

Notes #29 Hanert Change "C" copyright symbol to "P" copyright symbol.

Track List Disc 2 Change time R Scott Rhythm Modulator #45 to "1:42"

Change time Nokia Bell Labs #51 to "1:26"

Change time String Quartet Le Caine #39 to "1:44"

27 above is correct what is the question?

Credits page:

Cover design concept by Henry H. Owings and John Blackford

NOTE! "Cover design" is ambiguous. "Slipcase Title Page and inner Title Page concept"

Make sure ISBN number AND barcode is on page with copyright, etc. we won't put it on slipcase. Add photos to bios

12 November 2020

The latest Indesign Notes/Tracklist arrived but indicated that the Futura font "wasn't found." Also that I should upgrade to 16.0 but when I tried that Adobe said that that Rev is "incompatible" with my laptop!

I don't particularly want to "upgrade" my OS, which is presently 10.13.6 aka "High Sierra." Can you send a version of Notes using the older Indesign.

Also, I had envisioned quite small EP logos under EACH column of the tracklist, each with P Copyright Electronic Perspectives LLC Note what I had asked for above 07 NOV.

The current logo looks rather horsey (too big) and I might like the dual concept. At any rate, we're now out of sync for Indesign documents. I realize the "final" you send to Hal must be "up to date."

13 November 2020

Joe, great work on revised Notes and Track List pages, a real contribution on your part. Thanks for taking the initiative on this, I was worn out working on this! Tom Rhea.

15 November 2020

21--11 Spellbound layout. Does Miklos Rozsa have accents on both LH and RH pages (doesn't). Check this. Need those accents on RH page.

17 November 2020

Joe, page 114 "Full" The Day The Earth Stood Still and other theremin Lost Weekend layout DW. Will the RH page bleed off the page and lose the verbiage at the top? Also, might we clean up the little white dots at the top of that eye? Looks like a disease! Finally, why can't the LH page also be full bleed? And, does our page count remain at 184 including this DW? Don't recall seeing this prior to this as an actual decision we made to include. I know we tried it. Please get back to me on this

I note that there are no captions on this DW, which makes me think that this is incomplete work. Was there ever a DW complete with captions?

Just checked the "full bleed" and this DW is nowhere to be found, implying we hadn't finalized this. Now that brings into question total # of pages in book, and page numbers for columns in front matter. If all is checked out, please send the PSD for this DW in question. This would become new 21--12 and Moog Theremin would be renumbered 21--13.

Front matter vii (thanking Brian Kehew left column bottom) change "dust cover" to "slipcover" and as "slipcover" is one word this may require a hyphen. Also TYPO see "evey" incorrect for "every" same location.

21--12 Caption for LH page: "Bernard Herrmann used a nucleus of electronic musical instruments—two theremins, two Hammond organs, and three electrified string instruments—within a traditional orchestra without strings and woodwinds. This groundbreaking 1951 film also used overdubbing and tape reversal techniques." [The intent here is to have 2-3 lines for the caption to fill the space.]

21--12 Caption for RH page: "Miklós Rózsa's *Lost Weekend* (1945) featured theremin with orchestra. [Note my note above for lack of accents for his name. This in a different DW 21--11.]

I think maybe we should swap LH and RH pages for 21--12 ? If only for date relevance. Also "eye" would look up to "The Day . . . " etc. Please advise.

The eye is looking to the left No, it's slanted upward to the right isn't it? Yes, the eyeball is turned to left, but the overall graphic is up to the right . . .

21--11 Lost Weekend on Right

21--12 Red House on Left

Joe, are you quite certain verbiage at top of Lost Weekend poster won't be lost? Triple check actual PSD you sent, please. Interesting. Shows up OK in bleed format. Probably I didn't have complete image onscreen, didn't notice OK.

18 November 2020

1-03 "Arther"...should it be Arthur? DONE.

1-04 should be "pioneered at the BBC" DONE.

1-09 unnecessary comma after Verley. DONE.

1-13 – dash after Schwimmer should close instead of comma. OK.

1-19 - Consider this switch-up for clarity:

...the Hellertion is in the capable hands of celebrated pianist Bruno Helberger, who co-invented it (with Dr. Peter Lertes...)

- unnecessary space after "band manual"? YES.

1-20 Should be a period before "Valvo was an event sponsor" not comma YES.

Consider removing the parentheses around "(radio) speakers". They feel unnecessary/clunky to read through. YES.

2-20 Should perhaps be "started working at the Moog factory"? YES.

21--11 Make "Theremin" to "theremin" (lower case "t") on LH page caption.

21--12 Lower case "theremin" here also. When instrument is referred to, use lower case 't' Name of inventor capitalized "Theremin"

21--12 Caption RH page, change "used" to "featured" and send new PSD to me

And send new PSDs as well as changing in the Indesign Master document . . . OK to deliver in person next meeting.

Look for other instances in the entire theremin/Theremin DWs please. Send any changes as PSDs

Need another new FULL preview PDF showing adjusted Theremin layouts and other changes.

NOVEMBER 19

New audio notes changes from tom

NOVEMBER 23

Doublecheck page numbering - notes?

Preview sections:

Cahill Telharmonium

Kent + Choralcelo

Hammond

Neo-bechstein (2 double wides)

Miessner (stringless piano - rhodes)
Peter Donhauser: Joerg mager - hellertion - trautonium - mixtur - what is e music (1st page)?
Martenot
Ondioline + 40s and 50s
Theremin
Bode (+ 255-256 synth page) (rest of bode section)
Grainger Cross
RCA Section
Le Caine
Raymond Scott
Buchla
Laurie Spiegel

Clone mistake page 100 - Wurlitzer Add
Clean Radio-Craft slightly page 212
Check image line-up page 234

Move Bode Synth doublewide under "on synthesis and synthesizers?"
YES! Let's do this. Good suggestion.
Change caption to: "The Bode precursor (1961) to the modern "performance tradition" synthesizer."
After this changed caption sentence in middle of LH layout, add:

"Its modularity influenced Bob Moog's and Don Buchla's later designs."

[Move "Courtesy of" to right of photo underneath, and move it's caption to right] ?

Or rearrange as you see fit.

TAKE NOTE THAT THIS WILL CHANGE PAGE NUMBERS FOR COLUMNS AFTER THIS CHANGE!
AND CHANGE FRONT MATTER ACCORDINGLY.

"National Research Council of Canada" to the caption. So it would read 'Hugh Le Caine and the National Research Council of Canada.'

25 November

RCA Synth section, there is a "Part 1," but no ensuing "Parts." Should we deal with this?
RCA Glide Temperament? Why Temperament?

52--3 Laurie's corrections via Email

Lower left might be "Laurie Spiegel at the digital computer end of the hybrid digital-analog Bell Labs GROOVE system". That bookends the image above it of me at the analog end of the same system.

"GROOVE" is spelled with all caps because it's stands for "Generating Realtime Operations On Voltage-controlled Equipment".

The upper right image caption should be changed to say "Keyboard map for Laurie Spiegel's Music Mouse computer software (c. 1986)."

From Jean Laurendeau on ondes Martenot, see image #5 of the incorporated PDF.

Almost everything looks alright.

One exception: about the photograph on the record L'Ensemble d'Ondes de Montréal. From left to right, the names should be : Suzanne Binet-Audet, Jean Laurendeau, Marie Bernard, Estelle Lemire and Geneviève Grenier.

Caption: after " includes" place "(L-R):" [and place the names as Jean shows above.]

Buchla

the article is great. my only edit there would be the date of the 100.. says 1963, all of my research shows 1965.. I believe the 1963 date was always used to predate Moog.. however its possible that discussions or ideas for it began that early.. however i kind of doubt it.

This is in the original article. Based on what you had originally written - I think it makes sense to keep 63. No, we should change to 1965, as I think that is more accurate historically. (Tom).

Removed both dates! OK, based on our phone conversation of 02 DEC we made a change as the column will show. (TOM)

please change all credits to "The Buchla Archives" - i added the s.

Paulina Oliveros with Buchla 100 Modular Electronic Music System Prototype at Mills College

Buchla Model 218 Touch Activated Voltage Source (1973) - Touchplate interface

Buchla called his systems the 100 Series and 200 Series etc.. not the Series 100 .. nit picky yes.. i would swap those

Buchla 200 Series - The Electric Music Box (1971) - I would remove the Berkeley..

Buchla 100 Series - The Modular Electronic Music System (1965) - I would remove the Mills.. it was moved there in the late 60s

Donald Buchla with The Music Easel Berkeley, Ca (1973)

Rick suggests we add more buchla artists to our Ciani and Subotnick page. I see his point:

Mort and Sue get all the love despite prob being less key than several others.. just more vocal and willing to pose for pics.. Allen strange or David rosenboom. Charles Cohen.

If Rick has such photos, by all means, let's consider! Ask him, please. Alan Strange would be great!

Trautonium

Peter's corrections for Trautonium Section

All are done except for the Orchestra of the Future spread. Want to look at in person to avoid a mixup.

Raymond Scott

The only change I would advise is to change the Electronium caption to say simply " ... built for Motown," rather than "Motown Records." He built it for the company to use, but as it turns out they never intended to use it on records. Also the company was more commonly known as simply "Motown."

I've scoured the Hammond pages and spotted only one error: "judgements" is misspelled in the last sentence in "The furor reached its zenith ..." paragraph, right column, pg. 34, of The Hammond Organ, Part II: Hammond And the FTC.

Wurlitzer / Rhodes

The Brown Wurlitzer is a model 111, not a 110. (I did send pics of a 110, but without legs.)

The Piano Bass - I think it might be '61 or '62, but I am not sure, as there is no sign of a date in it anywhere. I will look, however, for the sake of the book as well as my own curiosity. I have a friend who also might be able to offer insight, so I will speak with him as well.

I would refer to it as a "Fender Rhodes", as opposed to "Rhodes". This one was indeed a product of the partnership between Harold Rhodes and Leo Fender, and does bear the name "Fender-Rhodes" on the name board. The Pre Piano pre-dates Leo Fender's entrance into Rhodes history, and so "Rhodes Pre Piano" is indeed correct.

--- Will wait on this one. The only one that looks like a Fender to me already says "fender" in the caption...

November 24:

Add copyright (p) to discs

--Add new logo with futa to disc design

Dummy up Slipcase and Hardcover book

Logo smaller on spine of cloth book

DECEMBER 2:

Drop 52--9

New Atomium double-wide right after Gravesano spread, Journeys Internationales to come before Philips Spreads (both come before Philips) [Gravesano -> Atomium -> Journeys -> Philips]

ERRORS IN SLIPCASE BACK PAGE

Make "Keyboard Magazine" into "Keyboard magazine" for (first) Boddicker sentences

Make "rKeyboardists" into "Keyboardists" for (last) Wakeman sentences

ALSO

8--2 "Superpiano, Part II: " as it appears in Contents page!

The photo on pages 124 should have a caption that credits "ACME Newspictures" or "Acme News Photos" as the original source of the photo. The cutline (paper tag) on the back of the photo has a line that says "your credit line must read (ACME)". It's likely that the copyright on this photo has expired or was not maintained when CORBIS, and later, Getty Images, acquired ACME.

The Stepanova photo on page 126 does not have an explicit ACME credit requirement, but the back does have an N.E.A. stamp on it, which an online guide says is "synonymous with ACME Newspictures." **Shall we use N.E.A. Joe?** ACME photo courtesy Mike Buffington: RCATheremin.com **Good, Tom.**

Did we supply the photo from page 122 of Lev with his instrument? We do have a high resolution scan of an original print of this photo (and it appears that a cabinet has been airbrushed out of it), and it does have an ACME credit on the back. Here's our file:

<https://drive.google.com/drive/folders/18ROYgL9vYeC34A97balxZHptsq1NhxTO>

Photo by ACME for page 122

Maybe the best way to credit these images is to say "ACME photo courtesy Mike Buffington: RCATheremin.com" **YES!**

I also was curious about the proper name for the Nadia Reisenberg and Clara Rockmore Foundation. I've seen it written a few ways, and the designer and typographic nerd in me wants to know which is the correct way to write it:

Nadia Reisenberg and Clara Rockmore Foundation **I THINK THIS IS WHAT THE SHERMANS GAVE ME.**

Nadia Reisenberg & Clara Rockmore Foundation

Nadia Reisenberg/Clara Rockmore Foundation

But that's more of a question for the Shermans.

04 December 2020

Caption change 30--6 Gravesano LH page:
omit "or computers." End sentence with "magnetic tape."
Align current final sentence appropriately (center?)

Caption existing 30--10 Journées: (to become 30--7)
"Pioneering 1958 Brussels Worlds Fair concert of tape music radically different from the older performance tradition."
Perhaps this should be centered below both LH and RH pages?

Atomium becomes 30--8

Caption for 30--8 Atomium

"The nine-sphere Atomium was the thematic structure of the 1958 Brussels World's Fair." The iconic Philips Pavilion at the Fair featured concerts of *Poème Électronique* by Edgard Varèse."
"by" should not be italicized after "*Électronique*" above!

Do need PDF of Notes/Track List, your abridged corrected version for Brian Kehew. 04 DEC

Check bleed/full-bleed for page numbers
Check page numbers for table of contents
New typo corrections to audio notes from Brian

07 December 2020

There is an extraneous right quote mark in the caption for RH page of DW 30--8. Also italicized Poeme Electronique and changed date to 1958.

08 December 2020

30--7 Move current LH caption to RH page and change "Worlds" to "World's" in this caption of Journées DW and send latest version to Tom.

30--8 center RH page better. Send me the version that also has the caption under the LH page TODAY!

30--9 we see "World's" fair possessive. Elsewhere it's "Worlds" let's use the version with the apostrophe . Look elsewhere in 1958 WF and 1939 WF sections for similar possible discrepancies! E.g. 30--10 LH page; 25--1 LH page

Need to add Annemarie Franklin to Acknowledgements front matter. See if this will fit and replace: "Warmest thanks to Wendy Carlos, with a shout out to Annemarie Franklin, for providing unique photos, and for sharing our laughs about the Comedy of Humanity." This is on page vii penultimate paragraph. "extending great wisdom" could be part of this if there is room. "photos" can be "photographs" let's work on this before making a new Contact sheet! Make it fit! Double check spelling! Joe. how did this work out? Can you send results, even a screenshot? OK, finalized.

10 December 2020

30--9 Added caption LH page, place under existing caption:
"" what happened here? Tom: OK, resolved.

In Audio Track Notes, I noticed that page numbering starts with "1" Will the final be a continuation of page numbering for the whole publication, or does this mean anything? This numbering discrepancy is just because the audio notes section has been taken from the overall layout, thus resetting the page numbers. Not an issue!

11 December 2020

Don't have new DW with new caption for 30--7 "tape recorder" "departure" as parts of that caption. Sent December 12, 2020 at 1:20 pm. Thanks! Tom Rhea.

I have a potent idea for bottom of LH page for 30-8 Atomium. Don't think we need the building on far left bottom LH page. What if the PIC of the Atomium with its dimension lines were expanded and placed in far left bottom corner LH page (or perhaps the middle of bottom?). Numbers would be larger. Then there would be room for two (2) actual PICs of Atomium coming Monday to right (or on either side) of that graphic . . . think we could have a beautiful DW . . .

12 December 2020

STILL don't have new 30--7. This is only a matter of uploading this and sending me an email! Thanks!

I have 30--7 in hand. Let's wait for the "new" 30--8 DW layout. Will have sufficient photos on hand Monday, no rush re your vehicle.

14 December 2020

Let's look at caption at top of 30--9 (note that "Phillips" naming this DW is misspelled; should be "Philips") Let's agree to this change when we meet next! So we stay in sync.

15 December 2020

Please work up an "alternate" PSD for 30--8 Atomium which has ONLY the B&W photo with naked tree branches for LH page. Possibly "KISS" is better, even though I too like the graphic we currently have on LH page. Let's hold up contact sheet.

Another tactic possible: Think of 30--8 as a SINGLE image, but use both the images LH and RH splitting this single image. Let the bleed take care of itself. See Intonarumori photo for example . . . 30--2

Changed labels for PSDs 30--9, 30--10, 30--11 to proper spelling "Philips"

LH Page for new 30--8 (Nighttime shot on RH page)

30--9 Black and White shot on RH page, airbrush illustration on LH page - Add new photo to bottom of LH page in blue margin

17 December 2020 New caption for 30--8 colorful drawing on LH page:

"The 1958 Atomium represents one unit of the "body-centered-cubic" crystal lattice structure of pure iron (Fe) magnified 700 billion times."

18 December 2020

New pics from Rick: Allen Strange and Buchla Easel

New caption for Easel 51--2

"Buchla 200-081 - The Music Easel (1975), formerly owned by Allen Strange."
Source remains the same . . .

Balance Bio page - brighten photos, space general paragraphs.

Change PSD for 30--8, although it looks good! Uh, might consider moving the new "atom" on LH page bottom right to LH side bottom left, and slightly reducing its size. Then it's "big" "small" "big" on bottom blue graphics. Hotel Ville would be in center in this case. Try this before you send PSD . . . I would think that new blue graphic should be about the size of the Atomium with dimension lines . . . like the frosted white frame for the new graphic.

30--9 Atomium would consider exchanging green square (aerial view Atomium) with staircase. Show me that, please. Would also swap positions of those 2 PICs with the single Atomium color PIC. Now, the LH page picture of the Atomium seems too close to the RH page . . . it diminishes the RH page. Like all the elements of LH page

19 December 2020

30--8 I note that there is no provenance (in italics) for the LH page colorful drawing. Do we have?
It's from a promotional brochure simply titled "Atomium"
12-22-20 emailed cover of brochure

21 December 2020

30--10 Philips caption addition:

On last line of caption LH page top insert "traveling" before "music." "traveling" should be in quotes.

30--13 Netherlands error in RH page caption top left. The number for the Basta CD set should be "30.9141.2" not "30.9142.2" Look closely at actual CD set in photo RH page top left.

Notes from Brian:

Seth Cluett is listed as the RCA Synthesizer artist, and it's Luke DuBois doing that one.

Andy Zax - he got us the audio for the Ondes Martenot demos, gratis. If we can thank him, I'll later buy him one of the first books. See my email 21 DEC.

22 December 2020

Switched 30--11 and 30--12 with each other. Please change on the indd document. In this new configuration we then see 2 exterior shots of Philips Pavilion and the Principals (RH page) prior to the DW with 2 interior Philips Pavilion shots. This also allows a better distribution of color/B&W pages

30--9 no provenance for B&W photos, which I believe come from the same source. Don't worry about color photos.

Brochure is titled Atomium 58

Photographers are credited on the back of the brochure as "Kayaert and Heine."

Copyright by A.S.B.L. ATOMIUM. All rights reserved - Printed in Belgium by Desoer, Liege. DON'T USE ANY OF THIS!!!

Will not use.

Is 30--8 PSD uploading? Forthcoming? I like the screenshot

Sent Tuesday December 22 around 10pm. COOL! Got it!

23 December 2020

30--9 Refinement

Page number / full bleed check - Table of contents page number adjust

New Contact Sheet when Atomium PSDs are done???? See below. This may take some time, I have new artifacts on order. Let's make a preliminary "final" version for both DWs.

26 December 2020

02--4 RH page Telharmonium Detroit Free Press. I recently printed this out, and as the font is tiny, I wonder if we could improve this page by reducing the yellow background, and enhancing the contrast so black shows up better. Might also boost the red and blue elements as well. Can we try this? All the black elements seem very washed out please advise. Perhaps hold up Contact Sheet, or not if that is already underway.

21--2

Incidentally, go ahead and scan good photos on Atomium brochure we didn't use (more modern) as no telling, they may come in handy sometime in future.

30--9 Brighten BW atomium

Low res pdf of book cover and slipcase

Check dot spacing on Table of Contents Result of this, please? OK. Received!
It's fixed. Will share. - Emailed a screenshot.

Lighten yellow on 2--4 Telharmonium?

17--3 LH Rhodes too close to edges for full bleed?

21--2 swap LH and RH pages? Screenshot.

50--3 show me what swapping LH and RH pages would look like, please. Just a screenshot for now.

31 December

Don't have PSDs for 21--2 and 50--3 yet!

I noticed that when I printed a PDF of the Notes/Track List it left off the better part of the "P" copyright
And verbiage on the last (Track List) page. This appears to be outside the box that encloses those pages.
Please explore. I assume this is due to your printer requiring a border around the page. Hal's machine
can print directly to the edge of 8.5x11 - this will be within that size without issues.

30--8 Change to "355" billion in caption rather than "700" billion and send new PSD, please.

6--2 and 6--3 exchange RH pages

New PDF export 100 dpi
Contact sheet
Big Backup

High Res RH choralcelo pages for Pril Smiley.

1-07-21

4--4 Clean up black and white images on LH page

4--2 BW article continue final sentence:
PAGE 664 choralcelo article
...brass wood and aluminum, when a piece of iron is attached, so that electro-magnets may attract them.

Swap 50--2 (wendy) and 50--3 (prototype)

6--2 shrink text to take away from cutter and edge of page
6--3 check text for bleed and gutter issues

Contact Hal,
Provide images for Slipcase (front, spine, back)
Provide images for Hardcover

20 January 2021

The specific article in the Pop Mechanics you just brought back is on the NYC World's Fair with orange color in the first page. Check your scans . . . and there is a Novachord page . . .

If you have any questions on items I just gave you, give me a call

I don't see any place we could drop in the comely female at Ansley Dynatone, but scan that brochure anyhow, it's in a white envelope (small).

15--2 Caption

"Square piano from Morris Curtis' collection." (bottom left PIC on LH page 15--2)

Mimic original typography

Offwhite strip between two RH photos

22 January 2021

15--2 source(s) no need for parentheses on Life Mag source. See 21--2 for comparison. Also, when exact day is given, have we used the format I prefer, e.g. "*Life Magazine 9 January 1939*" ??? Don't know what we've done when day is given as here 21--2. . . . check this out.

23 January 2021

Let's consider using the "other" sharper LH page photo of Monici at console for 15--6 Cracraft Orchestra. Could I see a version of what this would look like? The LH page seems somewhat out of context with RH page PICs sharpness. I know we did consider this earlier . . . note also the "European" date format on RH page caption . . .

28 January 2021

European date style used. example: (11 January 1939)

27, 93, 250, 289, 291, 336

American date style used. Example (January 11, 1939)

92, 86, 207, 272

I'm changing to "American style" across the board because it works better in a couple of places.

Decapitalize 'Ad'

99, 100, 109, 110

307 - Kerning on under diagram

345 - ben luce credit placement

285 - caption placement

53 - Add comma after 'RCA Broadcast News No. 11'

180 - Decapitalize 'Manual'

19 - Write out "October"

188 - Photo credit has Paranthesis

Should we change Wendy's copyrights to 2021?

Circon is dated 2019 and her Moog section pics are dated 2020 NO!

MURIEL LAPTOP (IS HERE) ——— SETUP

Remind me that evidently I must turn network on evidently case sensitive) before Muriel will be able to use it. I imagine this will have to stay on even when my laptop is hardwired to the network, yes? I mean, either WI-FI is on or not, I presume. Don't know if I can hardwire her upstairs. There were some outlets, but I suspect she will have to go via "air." I started the startup procedure and turned off Muriel's laptop at this point. Please do NOT enable the fingerprint (or voice) I.D. capability, but use the password for laptop access same as mine if that won't cause a problem. If hers needs to be different use I'm leaving the AIR laptop in the very dry basement 24 hours so it can slowly warm up in an arid environment (outside basement office 26B). Of course **(%#\$%) dropped it on the front porch and didn't even ring the bloody doorbell!!!!!! It's cold as a clam!

29 January 2021

17--4 RH page caption, add "Electric" to caption as it appears on 17--5 LH & RH pages.

15--6 RH page change "electric" (orchestra) to "electronic" and keep whatever case is appropriate. Should be consistent with all Cracraft PICs that precede.

33--1 In the RH page (column) middle column near bottom "Hugh Le Caine" is the correct name. Replace "Hugh LeCraine" (Just take out the "r" and move "C" to right ??) Spacing for Le Caine is correct above.

01--1 RH page (column) right column Everett Orgatron shows "c" instead of "ca." for circa. Should we worry with this? Did we use "ca" or "ca." in other places?

01--1 RH right column "Coupleux" instead of "Coupleaux" this is how it's spelled elsewhere. And I also Googled this. Note: this appears twice in that paragraph, including source . . .

02--1 LH column second sentence "Delaborde" instead of "DeLaborde" See 01--1 caption top image LH page and make consistent "Delaborde"

02--1 column 4th line space out "C.G." (spaces between capital letter such as this for names)

02--1 Column replace "overtone" theory with "harmonic" theory after the 1) in second paragraph

02--1 Column right column "Lee de Forest's" instead of "Lee DeForest's" consistent with Wiki and elsewhere in EP.

02--1 Should we both with "H. D." Arnold instead of "H.D." Arnold? Similar to "C. G" Page instead of "C.G." Page in 01--1? Maybe do both or none of such?

02--1 "ca." instead of "c." for caption of rheotome cylinder . . . let's check all circa indications for "ca."

02--1 "harmonics" instead of "overtones" in right hand column

07--1 In column left column "Van Koeving" instead of "VanKoeving"

07--1 Caption add "WCAU Photona's" to "wiring between light choppers." Note lower case "w" for "wiring."

13--1 Column "F. C." Hammond instead of "F.C." Hammond (See first indented quotation column 1. In these cases it isn't critical that a whole space appear between initials, only more space and no space!

15--1 Column, sixth line "ca." instead of "c." two examples in this paragraph, fix both.

15--2 RH page caption top right article has unneeded ", " comma prior to year. Lose it!

15--4 caption bottom RH page. Typically we would put name of mag first, then the date. So, let's do that here: "*Radio-Craft April 1938*"

16--1 In the column first quotation one of the "m" letters is obscured. OK to fix.

16--1 Caption LH top photo replace "electric" with "electronic"

17--2 LH page bottom left caption . . . should "1960" be in parens?

20--1 Column second paragraph ending with pitch "resolution." replace with pitch "accuracy."

22--1 Column 10th line down needs a comma ", " after "instruments" (Otherwise the meaning is obscured.)

22--1 composer name "Olivier" not "Oliver" lcond paragraph.

"André" Jolivet with accent.

"Varèse" with reverse accent.

"Comédie Française"

"Thé - the next letter "a" has a "hat" on it "tre"

These changes may keep us from looking like American yokels!

Middle column 2nd paragraph "Several "stops"" is replaced by "This *Touche*"

Wow! 22--1 is a real booger bear!

24--1 Column near bottom of first column "B.F." could use some spacing as others.

26--1 Column first column 2nd paragraph " . . . there was" instead of " . . . there were" (a group)
Same sentence "rocker" instead of "rocking" tablets . . .

27--1 Column 3rd replace "1936" with "1932" and later the "Festival Auditorium in Frankfurt-on Main." with the "Grosse Funkausstellung of 1932, Berlin."

27--3 rightmost column replace "sperophone" with "spärophon" (the word remains within quotes in the article.

27--4 end of article make last word "loud-" instead of "loud" and place "speaker." on next line down. Move "Continued to page 132A" down if necessary.

28--1 and 29--1 presently checking accuracy of 1932 date for Telefunken Trautonium Joe, 1932 is correct for 28--1 for 29--1 change date to "1933" middle column near top

30--1 Caption in column upper left replace "c." with "ca."

34--1 In Column first columnt 7th paragraph "ondes" instead of "Ondes" (Martenot)

35--1 Caption top left LH page “. . . Melbourne (1976).” instead of “. . . Melbourne, 1976.”

35--1 Column rightmost 4th paragraph change (sticks placed) “parallel” to “perpendicular” [If rewording is necessary let's talk, or do what is reasonable.]

37--1 Middle column successor “to” instead of “of”

38--1 Column PIC of Harald there is some rattiness at the top of that photo. Please fix.

38--1 (a powerful tool) “in” replace “in” with “for” first paragraph.

49--1 (Scott) middle column last paragraph prior to quotation at bottom “and” instead of “that” in last sentence of that paragraph

50--1 last paragraph Among his recent developments “is” instead of “are” this is a grammatical issue. Among is the subject. Developments is not the subject.

51--1 Buchla middle column “force” instead of “pressure” so: “. . . perceived as force sensitive” Paragraph under photo. And below: “force” instead of “pressure” (again) and a 3rd time below that “forces” instead of “pressures”

51--2 Caption for Music Easel. It was developed in 1973. “1973” instead of “1975” in caption.

52--1 “utilized” instead of “developed” in second paragraph following “Max Mathews and others . . . “ NOT CERTAIN THEY DEVELOPED PCM.

52--1 last column “F.R.” (Moore) the initials might tolerate a bit of spacing . . .

52--3 RH page top image caption “ca.” instead of “c.”

52--6 (Hiller) “Fall 1959” instead of “Fall, 1959” This is consistent with month-year format we like, no comma.

52--7 LH page top caption add “(1969)” after HPSCHD and close with a period. (The premier was not at Albright-Knox.)

YIPPEE! I THINK THAT IS IT! Many great corrections!!!! Great work Joe!

03 FEB 2021

Export InDesign Front Matter (editable) and send to Tom via Dropbox

Some redos! 03 FEB 2021

02--1 Column right column “Lee de Forest's” instead of “Lee DeForest's” consistent with Wiki and elsewhere in EP. “de” instead of “De” (“de” has lower case “d”)

27--3 rightmost column replace “sperophone” with “spärophon” (the word remains within quotes in the article. Need umlaut over “ä” instead of “o” for “spärophon”

Further Redos 05 FEB 2021

02--1 LH column second sentence "Delaborde" instead of "DeLaborde" See 01--1 caption top image LH page and make consistent "Delaborde"

"Lee de Forest" on fourth quotation in 01--1

Kern many dates appearing in the book

Joe: 31--1 through 33--3; 39--1 through 48--1. Joe, readable 300 (?) DPI PDFs

22--6 shrink photos to bring away from bleed, including gutter.
Check others! 21--11

31--1 "On Synthesis and Synthesizers" column on RH page fourth line from end of article: replace "over" with "some" (. . . XXXX one hundred people . . . etc.) Not all symphonies have more than 100 players! Please Dropbox this to me, and let's start thinking about new contact sheets (300 DPI and 100 DPI) and those other types of files . . . try to wrap up kerning as soon as practicable, although we're not in a big hurry. Service your other clients first!

For some reason there are two of 30--8. I wonder which is the better? Let me look and you look to see what could have caused this. OK I resolved this by looking in LIST mode and noting latest date, and deleted the older one. From Tom: "well, duh!"

Joe, check the paragraph below near the very end of the front matter to ensure that the first em or en in red below is NOT in bold. I think we may have already changed this, but let's make sure . . .

I feel fortunate to have arrived at this *nexus of opportunity* that involves so many stellar people. My wife **Muriel Louise Palmer Rhea**—to whom I've dedicated this publication—calls this my "vortex." Special thanks to her for understanding why I needed to get this done—even if it may not make sense for us in strictly financial terms.

14 February 2021

37--1 Bode Melodium & Melochord. Might we consider on LH page swapping upper with lower photo? Then Harald's gaze would be more toward the column on RH page, and the broader photo would be on bottom. Can you show me such, screenshot? Caption and source might both be in middle, caption left; source right? Not implemented . . . not wanted.

"P" copyright symbol new or replacing "c" copyright symbol, placed immediately after left paren symbol:

1--01

1--04

1--07 replace "C" with "P"

1--08 "P" after left paren

1--10 add "P" (always after "C")

1--13 add "P"

1--15 add "P"

1--16 add "P"

1--17 add "P"
Instruments from the Big Radio add "P"
1--25 add "P"
1--26 add "P" prior to "Courtesy"
1--27 add "P" prior to "Courtesy"
2--01 add "P" prior to "From" after left paren
2--03 add "P" after left paren
Harald Bode preamble add "P" after "C" and after all Bode excerpts
2--08 add "P" immediately after "C"
2--09 replace "C" with "P" before "1998" do not remove "C" before Luke's name
2--10 add "P"
2--11 add "P"
2--12 add "P"
2--13 add "P"
2--14 add "C" then "P" after left paren
2--15 add "P"
Raymond Scott preamble add "P"
2--19 add place "P" after left paren
2--20 add "P"
2--21 add "P"
2--22 add "P"
2--23 add "P"
2--24 add "P" both places "C" appears
2--25 add "P"

Good progress Joe! Please send me a PDF before we do the full InDesign file.

2--26 add "P" to right of "C"

All of these "P" copyrights and placement of "C" copyrights edited by TLR and implemented by Joe circa 18 FEB 2021

Spend an hour and check for mistakes. YUP. Gladly pay for this hour!

16 February 2021

Well, reckon I outfoxed myself with the Gemini program, or perhaps with Dropbox. I opened up my "bleed" and it is missing MANY DWs. I checked with the source under "EP Monograph Project" and opened it again. Same story, many missing DWS. Will have to outline to you which are missing . . . sigh! I think Dopbox is the culprit.

Looks like the "Full" and Contact Sheet 100 DPI and 300 DPI have not been affected.

Feel sick to my stomach! Only way I know to resurrect the 8TH inch bleed is to communicate which ones are missing (there are a bunch!) and re-add them to the lineup. Oy Ve! Fortunately your InDesign files are not affected. Reckon you have NOT been keeping an "8TH INCH BLEED" file up to date. If you know a more clever way, let me know!

OH! GOOD NEWS? Just discovered that all those PSD files are numbered with UNDERLINES, not DASHES. Should be a matter of finding the latest date on several versions and adding those back to the "8TH INCH BLEED." Some work, but the files are perhaps still resident! NO. EVIDENTLY ONLY WORKS FOR THOSE THAT REMAIN IN "JOE TO TOM" FOLDERS in my "Joe Possibles" folder on desktop. Still, a real mess! When I search for DW numbers with underlines in lieu of dashes, some are just not there on my Mac. Don't quite know how this happened as Gemini is not supposed to delete ALL of the files it finds to be "duplicates." Suspect that I may have removed those from Dropbox and that *&%\$& facility removed ALL files by that name. What a stupid facility for Dropbox!

17 February 2021

I'll change the InDesign file for P and C copyrights for the Audio Notes and send it back to you! (Tom)

Create spreadsheet for addresses. Let me find out which software might be compatible with the fulfillment house. Tom.

22 February 2021

06--4 RH page of Ethyl Smith at Hammond organ. This is a full bleed page. Her left elbow will go off the page when printed, but I presume that was the limit of the photo we had? Please move to left if possible? Let me know. Cool change!

27--5 caption RH page spelling "Elektrochord" not "Electrochord." Elsewhere I think the "C" version is OK, as it was clearly known that way; but here there is a collision of the sign we see onstage. Also, can you check to make certain the gutter (center line of DW) is optimized to not lose the Elektrochord performer? Any latitude here? ---- I was able to nudge the whole image to the left a few clicks so the performer's face wasn't directly in the gutter, but I also don't want the Elektrochord sign ending right in the gutter either. This one's a balancing act. Do your best (Tom).

23 February 2021

Full bleed DWs where gutter falls, check:

pp. 335-336 Moog Quartet, and latitude to nudge to right slightly to include conductor better?

--- I was able to nudge it to the right a few clicks. The person sitting on the far right is now touching the border of the image. OK if conductor is better shown! (Tom)

pp. 199-200 German Orch Future German, nudge left to not lose pianist in middle?

pp. 157-158 Haken Continuum, might lose part of Eagan Matrix on RH page near bottom?

This one was fine K!

I moved my mouse to center line of DW and scrolled using MagicMouse to see where gutter would fall . . .

WALLY IS CALLING FOR DUMMY AND SLIPCASE. SUGGEST GOING TO NEIGHBOR WHO ALREADY HAS SET UP FOR EBAY ITEMS, PROBABLY INCLUDING LIGHT DIFFUSERS?

SENT FEBRUARY 24, 2021

TRACKING: 1Z5EY0844298920514 This was UPS Ground. OK, received by Wally.

25 February 2021

Joe, send me PSDs of all changes for my 8th inch bleed and I'll incorporate them. See above. Done in person during 02 March visit to Rhea manse.

02 March 2021

21--11 Try LH & RH swap and send a screenshot.

03 March 2021

50--7 Would swapping top and bottom photos look better? That is, Trythall and Siday on bottom and Moog Quartet/Kingsley on top? Can you show me a screen shot? Of course, don't undo your adjustment to avoid losing conductor Gershon in the gutter!

15--5 Cracraft quartet. How much photo do we have to play with. Violinist's shoulder will disappear into the gutter. I realize his bow will appear on both sides of the gutter, methinks. Can we discuss? Can be nudged left to include violinist's left shoulder? Any possibilities?

05 March 2021

01--1 Overview RH page (column) right hand column starting with "The Coupleux-Givelet Organ . . . " change "DeForest's" to "de Forest's"

1928 Martenot scans, comments:

Martenot page 4 for certain "Programme" and move type at bottom (and top?) as needed.

Martenot page 5 LH page stays and RH page uses Page 3 "L'INSTRUMENT" to replace current image.

Martenot Page Cover switch LH and RH images here, and clean up to a fare thee well.

We will probably do a reproduction of this little dude in future.

Ah! Discovered who "Louis Schneider" was. Look at your original high res scan #6. He provided a quote, and he was of the "New-York Herald." Will look for him online . . . evidently Schneider was there, and made an introductory presentation (see LH page of PROGRAMME).

22-1: column

22-2: cover and photo

22-3: program spread

22-4: picture + l'instrument

Great adds to EP!

Suggest background color might be lightened. As you see, some pages are not "plumb," but that is part of the restoration . . . I also wonder whether all 3 of these DWs would work as bleeds (left to right). That

would make the print larger in every instance, and more completely fill the white space of each page in the EP book?

Pink Noises book spread - at the end of "What is Electronic Music?"

13 March 2021

I moved "Pink Noise books" to 30--16. Les Paul is now 30--17 and EVI/Lyricon is 30--18. Make sure you change InDesign doc to reflect this change.

Swap 30--15 and 30--16
(make pink noise 30--15)

New Martenot scans:

"Thanks to René Phaneuf Chez Libro17 Montreal, Quebec Canada"

10 March 2021

22-3 Put "programme" back in center

Geneviève becomes Ginette Martenot to be implemented with caption(s)
Send screen shot when ready.

16 March 2021

Captions for ondes Musicales 1928 DWs

Laurendeau's name should be in *italics*, methinks as it is not part of the caption per se . . .

22-2 The "avant première" for critics at Salle Gaveau (April 21, 1928) anticipated the Paris Opéra concert on May 3, 1928. – *Jean Laurendeau* [quotes for "avant première" are intended. Outside quotes disappear as with all captions.] Opéra should have the accent as shown. My bad . . .

Check for ink spots or print spots upper right near picture.

22-3 Geneviève Martenot became known as "Ginette" due to her "lively, curious, and creative temperament." – *Jean Laurendeau* [quotes within stay]

22-4 French ~~music~~ critic Louis Schneider attended the Salle Gaveau event (~~April 21, 1928~~), and introduced the Salle Pleyel program on May 29, 1928. – *Jean Laurendeau*

29 March 2021

31 March 2021

51--1 Buchla need to make "lone" all caps: "IONE"

Also add second source line just underneath that:

"Courtesy of IONE, Executrix and Trustee The Pauline Oliveros Trust, <https://paulineoliveros.us>"

Yeah, we used *italics* for our websites in "Principal's bios" upfront . . . I wonder why this URL starts with 'https' and our URLs for Principal's Bios start with "www"?

www.paulineoliveros.us will be fine OK your call! Tom. Yes, Let's match pauline's with ours . . . (www also works. We could use that so it matches the others.)

Also, in front matter page vii change "lone" in rightmost column to "IONE" see last paragraph starting with "**Peter Donhauser**"

50--5 Borden-Mother Mallard

I wonder if we should consider switching LH and RH pages to conform with persons' backs facing gutter in general? How easy? Let's discuss. (Done.)

Scan sit down and play

2 library music doublewides

-- Delia Derbshire + FC judd

-- Val P + Hellers

Put tom's website on final CD audio notes at bottom

www.drtomrhea.com (in front matter) also put on copyright page: "For more information see www.drtomrhea.com"

09 April 2021

50--7 "Quartet Trythall etc. Might it be possible to move Gershon Kingsley slightly to the right (see top of page photo)? I don't mean adjusting the entire image left-right. Could you cut out Gershon (conductor) and move just HIM slightly to the right so as to now not fall in the gutter? --DONE! No one will ever know.... :)

51--3 Buchla LH page top. New intel re owner of that photo of Rosenboom & Buchla. See my Email: David Rosenboom and Donald Buchla performing *Section V (humanity)* from Rosenboom's composition *How Much Better If Plymouth Rock Had Landed On The Pilgrims* at the Music Gallery in Toronto in 1978 with two 300 Series Electric Music Box hybrid, computer-analog systems. Photo is by Judy Whalen.

Can't imagine cramming all of this into the caption. How about :

"David Rosenboom & Donald Buchla play *How Much Better if Plymouth Rock Had Landed On The Pilgrims* using 300 Series hybrid systems in 1978."

Can we squeeze that much in? Let's discuss . . .

"*Photo by Judy Whalen*" for credit under photo on right, replacing existing "Buchla Archives" blurb.

12 April 2021

52--7 Cage Hiller change caption on RH page bottom to "Harpichordist" instead of "Pianist"

13 April 2021

Tom write several lines about "Library Music." Will appear on DW1 for genre in rectangle.

14 April 2021

Joe, put verbiage for the "several lines" on Library Music into Google Docs so I might edit it.

Library Music

~~Library music (also known as stock music or production music) is ready-made, recorded music, that is "to whom it may concern." It is available for license for use in film, television, radio and other media. Typically, the music is produced by individuals or groups, and is then owned by a production music library. Many of the tracks for library music have fanciful titles and generic descriptions, such as (Rhythmic, humorous); (Melodic, complete theme); (Abstract-despairing cries); (Thoughtful, sad). This is reminiscent of the printed stock music books used for early films without a soundtrack.~~

~~Many of the pioneers in the field of electronic music produced such music. For example, David Vorhaus formed a band called White Noise with Delia Derbyshire and Brian Hodgson who were early creators at The BBC Radiophonic Workshop. Some titles on Electronic were written and performed by Delia Derbyshire under the pseudonym of "Li De La Russe." Brian Hodgson adopted "Nikki St. George" for the titles that he wrote and performed. This album was mastered by Mark Ayres, another BBC contributor, who composed music for the final two seasons of classic Dr. Who. The tradition of Library music remains alive and vital to this day, particularly using electronic music and instruments.~~ [Rewritten 15 April by tom see below]

Also, please Dropbox to me all the DWs where we made changes on 13 April or before on your part, did you make a list of those? I recall 52--7; 51--3; 51--1; 50--7; others? I got a folder SDAP, but none of others changes you had already made . . .

Good work on 13 April, we thrashed it out pretty well! Send me a screenshot of all the new prospective DWs so I can check captions, etc.

15 April 2021

30--19 caption

LH page center “of his own design” rather than “he built himself”

LH bottom

Change to: “Fred C. Judd was an early UK proselytizer of electronic music.” [note correct spelling of “proselytizer” and . . . “electronic” instead of “electronnic”]

“created” instead of “developed” under the Haunted House album and don’t capitalize “Library” music, let’s stick to “library music” except in heading of this verbiage at top.

Now maybe these two captions will fit neatly under the two Castle images . . .

RH page verbiage edits see immediately below:

Library Music

Library music (also known as stock music or production music) is recorded music that is available “to whom it may concern.” One can license library music for film, television, radio and other media. It may be created and owned independently, or done by individuals or groups as a *work for hire* that is owned by a production music library. Many library music tracks have fanciful and descriptive titles: rhythmic–humorous; melodic–complete theme; abstract–despairing cries; thoughtful–sad. This is reminiscent of Ernö Rapée’s *Motion Picture Moods* (1924), a notated music book (200 themes and 52 moods) used by pit musicians to accompany early so-called “silent” films.

[Note: for purposes of shortening this paragraph consider “aka” instead of “also known as”]

[to shorten, might remove “(200 themes and 52 moods)”]

[got rid of parens, except in first sentence. Like dashes, longer or shorter. Looks better. Easily readable in context.]

Many electronic music pioneers produced library music. David Vorhaus formed a band called *White Noise* with Delia Derbyshire and Brian Hodgson, who were early creators at the BBC Radiophonic Workshop. Tracks on their *Electronic* album were written and performed by Delia Derbyshire under the pseudonym “Li De La Russe.” Brian Hodgson adopted “Nikki St. George” for titles that he wrote and performed. *Electronic* was mastered by Mark Ayres, another BBC contributor, who composed music for the final two seasons of “classic” *Dr. Who*. The tradition of library music remains vital, particularly featuring electronic music and its instrumentation.

30--20

LH left bottom add

“created” prior to “exclusively on Moog Synthesizers.”

LH page added caption on left bottom:

"Val was Norlin Europe's Moog Clinician/Rep, and Tom Rhea pulled his fat out of the fire repeatedly as his mentor." Hey Bubba, you Da Man; U do B rollin'!

Need date/source on Hellers RH page bottom as per LH page compare to other DWs this type.

-- Export INDD file for frontmatter for tom to edit. Edited successfully 20 April 2021 (Tom).

-- Screenshot of back "advance praise" for tom to get the names from done this now! Tom.

22 April 2021

Also, add "*and ZKM*" to end of every "*Courtesy Peer Bode and Rebekkah Palov . . .*" credit line. That would be on:

26--4 LH page and RH page

31--2 LH page

37--1 LH page

On 36--1 move "Warbo Formant Organ" flush left and add a period. Credit "*Courtesy Peer Bode and Rebekkah Palov and ZKM*" flush right. Remember, credits are in italics . . . check all of these changes, please.

50--7 Trythall photo LH bottom left change caption to:

"Dr. Gilbert Trythall at Rick Powell's Athena Studio in Brentwood, TN where they created *Country Moog* and *Nashville Gold* LP albums." [Note use of italics for album names.]

23 April 2021

There is a new, FINAL version of front matter, as sent via email (attachment) marked April 23. NEW VERSION OF 01 MAY 2021!!!! SEE BELOW AND SEE MY EMAIL . . .

26 April 2021

30--3 RH page caption bottom: what is "(1VGA927)" that appears in this caption? Let's discuss, and perhaps look into older Google Docs pages to understand what is going on here!

I find:

13 March SOME NEW POSSIBILITIES (year not shown)

[30--3 RH page bottom image new caption, newly acquired information]

"René Bertrand plays music via radio with Dynaphone (1927)."

I think 30--3 should evidently say simply "(1927)" in that spot, don't know where VGA came from!!!!

Make it so!

01 MAY 2021

THERE IS NOW A NEW, IMPROVED FRONT MATTER INDD FILE WHERE CHANGES HAVE BEEN MADE (ONLY) ON PAGES VIII AND IX . . . SEE MY EMAIL OF 01 MAY ON THIS!!!!!!

04 May 2021

26--4 Left off "and ZKM" on RH page . . . [see below on this]

30--5 Added caption is intended for LH page . . . as shown above.

30--5 added caption line LH page underneath present caption:

"Capstans with different diameters are engaged by individual keys to produce musical scale."

[align with RH page caption as makes sense visually.] RH page caption is opposite new caption.

30--20 Can you put "cover design" or some such on bottom of RH page. Seems out of balance.

I understand why you put "Command" line underneath actual album cover, and that's OK.

Sometimes "*Peer Bode, Rebekkah Palov and ZKM*" other times "*Peer Bode and Rebekkah Palov and ZKM*" which way?? I prefer use of "and" twice with no comma. Otherwise it may seem that Rebekkah is allied with ZKM, which she isn't. Please check all of these . . . see above original comment in blue.

50--7 Did you intend to leave names of LPs NOT in italics as originally shown above? Also for certain, pic above "Gershon Kingsley rehearses " should have a period at the end, outside the right paren sign. It's a caption.

My "favorites" for Sit Down and Play are: Cover (complete DW);1 important;4;7;9;10;13;20;34.

This is unobtainium on loan. I'm concerned that scanned images aren't square to scanner, so extreme elements of pages may have to be "synthesized." Also, unless all pages are numbered within the scans of SDAP, we should number pages as they are numbered in the actual publication. Imagine that we are trying to reproduce this in some numbers . . . hard copy.

Sit down and play comes right after first Rhodes Column (17-1). YES.

-- Doublewide featuring cover

-- 1 Doublewide for pages with interesting graphics

05 May 2021

30--20 Center caption on RH page under B&W photos on bottom. Also, place "Val was Norlin Europe's . . . " part on same line as "Library music by Val Podlasinski . . . " and put "Moog Clinician/Rep and . . . " underneath. More equal 2 lines for caption . . . looks awkward at present . . . or even up 2 caption lines as you see fit.

36--1 LH page caption "Warbo Formant Organ" lacks period as all captions have.

30--19 Library music verbiage. None of the italicized text has carried over into this DW. Please refer to that verbiage above in Google Docs and implement.

Reminder to Tom "americanradiohistory.com" is now "worldradiohistory.com" ~~let's discuss for front matter~~. . . Made change on 06 May and sent Joe new rev via email.

06 May 2021

New INDD of Front Matter re David Gleason on page viii. Sent email on this!

08 May 2021

17--2 Move Caption on 17--2 flush left.

17--3 Captions LH and RH pages (flush left):

"Selected pages from Harold Rhodes' *Sit Down And Play.*" [note italics]

17--2 and 17--3 Source: "Courtesy Frederik Freddan Adlers www.fenderrhodes.com" for all 4 pages. Let's discuss if this is not clear . . . flush right on all 4 pages. Now as per our phone conversation 10 May not on all 4 pages . . . OK!

30--20 equalize top and bottom line on Val's caption "Europe's" on bottom line.

Finalized 30--19 and 30--20 and 36--1 Never received from you. Please Dropbox.

17--2 Caption change "manual" to "Pamphlet" and add ", a reprint of Air Forces Manual No. 29."

10 May 2021

Will have to credit E Chapman in Front Matter. Yet another rev to be done!! Done and improved by Joe.

THE NEW CHAPMAN STICK DW WILL BE NUMBERED 30--18. I'VE ALREADY RENUMBERED DWS THAT ARE AFTER THAT (DOWNSTREAM).

Cover Design and Photos by Dan Chapman

Courtesy Jim Reilly

Thanks to Emmett Chapman www.stick.com

ISBN 978-0991872916

Latest. When I tried to add "Emmett Chapman" in the long list of "early pioneers" (Left column page viii), the kerning went crazy.

If possible, would like to add Emmett's name . . . list is alphabetical, would go after "Joel Chadabe" methinks. Can do? DONE!

Prefer to shoehorn name in, and not reduce size of Syn Guru graphic . . . DONE!

12 MAY 2021

NEW REV FRONT MATTER INDD FILE SENT BY EMAIL. NOTE THAT “Urbana-” is not right justified (top of right column page viii), and some kerning in parts of right column looks a bit tatty. Can work on this prior to putting into master document?

17--5 RH column Hancock B&W ad put “Electric Piano” following “Rhodes”
17--6 put “Electric” between “Rhodes” and “Piano” for Patrice Rushen caption.
Haven’t received 17--5 and 17--6 as of 11PM on 12 May 2021. Dropbox?

Remove last sentence Hal- “thanks for hanging in there.”

14 May 2021

25--1 through 25--7 Change of order Novachord DWs
Moved former 25--6 and 25--7 (Sweetwater photo spreads) to become 25--3 and 25--4 respectively. Now new 25--5 is man-woman and new 25--6 and 25--7 are 4 page spread “Blazing New Trails For Music” Call if discussion is needed. Don’t think I “lost” any DW, please check!

16 May 2021

In the Front Matter, there seems to be a space after “its” in the beginning . . . and the next lines leading seems out of whack. Please check this out while we’re making a change of Front Matter as per 15 MAY version . . .

25--3

Instrument restoration by Joseph Fill.

Take a look at Hammond organ DWs - try to remove a DW - possibly merge 2 into 1

15--6 LH page assess whether we should use older slightly blurry version . . . can you slightly fog the clearer version?

REMOVED 52--6 TO MAKE WAY FOR CHAPMAN DW! Make change in master document.

Swap RH pages for 06--2 and 06--3 Hammond organ. 06--3 will then be all color and all bleed pages.

22-10 Onde RH page swap top two captions with each other. (La Voix du Luthier’s . . .) is on top then.

Let’s look at 28--3 Trautonium ads to consider putting book on LH page as the image on RH page, and putting the existing RH page where the book was on LH page. If you can do this

easily, just send me this alternate version via Dropbox, and I'll decide which . . . not a simple page flip. Book image will be on RH page (larger than originally), and ad will be on LH page (smaller than it originally appears). Now that I look at it again with your eyes, I agree. Let's make no changes at all to 28--3.

In Audio Notes 2-05 it appears that there is "ot" instead of the correct "of" check to make sure, as I may not have the very latest rev. Please report back on this. I changed this myself and will send an email attachment for 21 May rev . . .

26--3 Clavioline RH page change "perform" to "performs" under septet's picture (septet is the subject, and demands a plural verb form).

25 May 2021

Please send all new DWs via Dropbox.

New front matter content

~~30--3 A mystery. RH page bottom lists source as Modern Mechanix August 1933 but I've looked at all pages of that issue online, and Rene Bertrand's Dynaphone photo that we show is not to be found! Perhaps you have something original that you scanned and noted proper provenance. Dynaphone invented 1927-1928 (correct under image), but why the lateness for publication 1933? Do you have any intel whatsoever on this? I might add that several online sources show 1933, but I think they are incorrect. Would be nice to get this right! Now I've looked at the hard copy I have here, and no sign of this image. I remember we DID have hard copy, as we improved the existing image! Search, please! Mystery solved I just missed seeing it!~~

27 May 2021 Now 01 June 2021

30--3 change caption bottom of RH page from "1927" to "1928" ~~Modern Mechanix August 1933~~ is technically correct for source!

Unless you think the following possible source "*Die Bühne 1928 Number 184*" makes more sense, it's the original appearance, methinks! OK let's go with this earlier source! I've ordered this from Austria so let's wait until the scans are ready for receipt.

Is JPEG Peter sent clearer; it looks like it is to me when I zoom in! But file size seems small . . . Probably wouldn't work to scan that scan? Would this improve our photograph on 30--3? Maybe we should use the earlier photo at any rate? Let's discuss soon! Die Bühne photo implemented!

30--2 Caption addition: under "Intonarumori Acoustic . . ." place "Noise is an important element of electroacoustic music."

04 June 2021

~~30--3 I've ordered higher res scan of Die Bühne 1928 number 184 pages 18 and 19. Not only might this improve the Bertrand Dynaphone photo on RH page of 30--3 bottom, but we might also use the John Hays Hammond, Jr. Breathing Piano picture on bottom left of page 19 in DW 12--1 *Prelude to E Piano*. To simply replace photo in RH "column" page at bottom left, or to put the new PIC on LH page (reducing the size of the diagram for mechanism for Moor piano that resides there now!) Great opportunity! That PIC shows Hammond and Lester Donahue, pianist with better view of slats on breathing piano. **This should arrive 14 June or shortly thereafter.**~~

. .

SEE BELOW! 17 JUNE 2021

05 June 2021

38--3 LH upper left image change of caption, replace second line with:

"Mary Muldoon—one of 24 women who created speech using the Voder, a variant of Vocoder technology by Bell Labs (Voder detail below)." [This will fit, I wrote it to do so!]

26--3 Caption replacement RH page under Clavioline septet

"Composer Michel Magne's Clavioline septet playing at the Carrère record company in Paris, January 1958."

30--15 New LH page to replace "Pink Noises" suggest Page bottom left and right with photo of Pade looking left from gutter. Pauline Oliveros middle left photo looking right and other page opposite. Golden tubes top left and back cover right. Call if questions.

07 June 2021

22--10 RH replace entire top caption with "The predecessor of La Voix du Luthier's Onde and Pyramid is Maurice Martenot's *palme*, first used in 1948." [note italics where used]

17 June 2021

38--3 (Voder DW LH page0

LH page upper left graphic (Mary Muldoon) add 3rd line of caption/*source* below "Mary Muldoon . . . "

"Making the Voder talk and developing its operators was due to Stanley S. A. Watkins."

[flush left or approximately so with period]

"— *Bell Labs Record June 1939*" [flush right or approximately so, note *italics*]

[move the Voder/hands graphic below down a bit and take some off the top and/or top and bottom to make room] [Perhaps taking off bottom would be better balance]

22-10 Onde and Pyramid . . . there is something wrong with second "u" of "ContinuuMini" on RH page, second caption. Also "Pyramid" is incorrect in first caption; it should be "Pyramide" with a final "e" Also, on RH page there should be no space between "Eagan" and "Matrix" it should be "EaganMatrix" (Expander).

30--3 Wobble (when we have scans from Vienna in hand) change source RH bottom to:
"Vienna City Library: Die Bühne 1928 no.184"

12--1 Prelude to E piano (when we have Vienna scans) replace photo in column bottom left using photo from Vienna scan page 19 bottom left and change caption:
"Hammond & Donohue." Add source: "Vienna City Library: Die Bühne 1928 no.184" [same line]
[this is a better photo of John Hays Hammond's Breathing Piano] ~~[if possible caption: "John Hays Hammond, Jr and Lester Donohue with Breathing Piano." [as well as source shown above, reckon it would be a separate line; let graphic decide this!]~~

Maybe changed my mind about "sepia" look for Bertrand Dynaphone of 30--3?
Would you try more nearly B&W and a bit more contrast? What do you think? Fits photos above it.

24 June 2021 from email of 23 June 2021

Changed my mind about "sepia" look for Bertrand Dynaphone of 30--3. Would you try more nearly B&W and a bit more contrast? What do you think? Fits photos above it.

Front matter redone and emailed to you REV 23June; no need to adjust "Syn Guru" graphic. Please proof first paragraph that page (viii?) anyhow.

25 June 2021 caption change

22--1 LH page bottom caption "Métallique" rather than "Metallique" [add accent]

26 June 2021

22--1 my goof, also change RH page column photo caption to "Métallique" with accent.

38--3 LH page third caption source, change "Labs" to "Laboratories" [*Record*] June 1939 is correct!!!!

38--4 LH page change source at bottom to "*Record*" rather than "*Journal*" unless you can show that we scanned "Journal" [I think it was "*Record*"] can you research this to make certain?

Page number check - on full bleeds
Table of contents re-number

29 June 2021 caption change (photographer attribution)

38--4 LH page source "*Bell Labs Record 1939 Vol. XVII. Photographs by John Mills, Jr. "*

04 July 2021

DW 32--1 RH page shows at the bottom "AUGUST 1977" and the proper date for this column is "AUGUST 1979"

15 July 2021

12--1 caption RH page "Donahue" not "Donohue" [my error] please change and send PSD.

24 October 202

Change of text in 30--20 Library Music RH page text at top box, replace second paragraph with (note need for copyright symbol--no double parens in final version):

Many of the pioneers in the field of electronic music produced such library music. For example, Delia Derbyshire and Brian Hodgson, pioneering creators at the BBC Radiophonic Workshop, composed and performed *Electronic* ((c)1969 Standard Music) in conjunction with David Vorhaus. Possibly to avoid contractual difficulties with the BBC, Delia Derbyshire adopted the pseudonym "Li De La Russe" for this album, and Brian Hodgson participated as "Nikki St. George." David Vorhaus created tracks under his own name. That trio also formed a band called *White Noise* that produced *An Electric Storm* ((c)1969 Island Records) featuring what was likely a precursor of the venerable British synthesizer, the EMS VCS3. The tradition of library music remains vital, particularly featuring electronic music and its instrumentation.

25 October 2021

Change "2021" to "2022" on the copyright info page in the front matter for reasons we've discussed by phone!

Additional name added to front matter. New frontmatter file from Tom.

NEW NEW NEW

08 December 2021

Front Matter of 24 October (latest?)

On page viii on leftmost column 12th line from bottom for Peer Bode and Rebekkah Palov change "Afred" to "Alfred" and send me the latest rev--dated appropriately as well as amending the Master document. (How could I have missed this, I've read this 15 times!)

--My version did not have this issue.

I have sent the amended Front Matter rev 09Dec with the missing "I" added. Please make certain that our Master document is correct. Tom Rhea. 11 Dec 2021

Change copyright date on audio page to 2022

This is at the end of the document FULL . . .

17 December 2021

Problem with front matter in both FULL and contact sheet documents.

The last line of Larry Fast's bio has somehow slipped up to becoming the first line under Brian Kehew's Foreword. This occurs on the transition from page "iv" to page "v." A simple change of upward shift of a single line of Larry's Foreword bio will correct this. Please make certain all alignments re this are correct and send new corrected PDFs, thanks!

Restore Tom's merit documents.

08 February 2022

Alteration of verbiage for:

1-07 Custom Rockmore Theremin

Clara Rockmore: The Swan (Camille Saint-Saëns) (1886)

The Grande Dame of thereminists plays this composition written for cello and piano(s) on the unique instrument that Leon Theremin designed and built for her. (From the master tape, courtesy Steve Sherman, © The Nadia Reisenberg/Clara Rockmore Foundation.)

09 February 2022

Also must change Track List on final page of EP from "RCA Theremin" to "Custom Rockmore Theremin" to conform to change of 08 Feb above.

15 February change in "Notes"

Change "Grande Dame" to "grande dame" i.e. lower case "g" and "d" as per my dictionary app.

28 February 2022

Front matter: Change "Wabi sabi." to "Wabi-sabi." [That is, add a simple hyphen between "Wabi" and "sabi." This is on page viii on next to last paragraph. No need to send me any INDD file, perhaps a PDF? May as well do this prior to the 2TB "Kit & Kaboodle" SSD drive we put in my BOA lockbox on Temple Street in Framingham.

08 May 2022

Page iii error on "Contents" page 42:

"Fotona" is incorrect; this should be "Photona" as in column text and elsewhere . . . [please change master document]

15 February 2023

Change text in original article scan 32-1 First Synthesizer

Change: "at the Paris Exposition.

To: "at Salle Pleyel in Paris."

Also change "Although little was heard of this instrument following the Exposition,"
to" . . . its introduction,"

Change copyright date to 2023

Disc one track notes and tracks listing change "RCA" to "ROCKMORE"

Disc two track notes and tracks listing change "SYNTHESIZER" to "BOX"

See also same for track listing page! See attachments.

Also note that on page 391 Track Listing for Disc1 and Disc2
make sure the date is "2023" not "2021"

Above copyright date, etc. place:

"Significant support for printing thanks to:

Vince Pupillo, Sr. (www.EMEAPP.org)

Wally De Backer (www.forgottenfuturesmusic.org)"

=====

RR BOWKER - to get barcode

90,000 number

Cover Materials:

FINAL PAGE COUNT: -26 April 2021 400 pages now 25 signatures

UNDER BARCODE ON STICKER

Printed in China

In book:

Printed in China by Artron Printing America

Silicon Valley Direct fulfillment house:

Union City

is out to lunch now, of course. I will send him the ¾ slipcase/book photo and lowest res contact sheet complete to give him the idea that I'm not some kind of crank. Away I go to svdirect.com to learn; maybe you can do the same when you can . . .

Artron Printing

RR Bowker

ISBN Number

For Brian

Rather than trying to scan in pages, I have some already but I wanted to get ANY useful images from:

1 Ondes Martenot pages 149-168

2 Ondioline 187-188, 195-198

3 Raymond Scott - Electronium 335-340

4 Melochord

5 Novachord 173-186

6 Bode - sound synthesizer, vocoder, klangumwandler 273-274, 293-298

7 SynKet 325-326

8 Electronic Sackbut 9 Touch-Sensitive Organ 327-334

10 Buchla 365-372

11 Moog factory synthesizer (Jon Weiss) 341-344

12 Tom Dissivelt - studio 253-256

2:00-4:00

2 Hours export PDFs for Brian