

received
April 2, 1992



UNIVERSITY AT BUFFALO
STATE UNIVERSITY OF NEW YORK

Department of Media Study
Faculty of Arts and Letters
201 Wende Hall
Buffalo, New York 14214

FAX

Date: 4/2/92

Time: 9

Number of pages: 4 including this

From

FAX #: 716-831-2266

Name: Gerald O'Grady

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SUNY-Buffalo, Buffalo, NY 14214

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To

FAX #: 505 473 0614

Name: Malin Wilson Woody Vasulka

Address:

Phone: 505 471 7181

Notes: List of Bode's slides and audiotapes

List of Slides for MAC & I

- A -

REC # 1

1. Cahill tone wheel
2. Cahill mixer & filter.
3. Telharmonium, console.
4. Telharmonium, inside
5. Franctonium 1930 version
6. " latest version
7. Closeup of Franctonium
8. Mager vibrato
9. Mager at his organ
10. Hammond at his organ
11. Schematic of tone wheel

REC # 2

12. Complementary filters of Warbo Formant Organ
13. Hammond Novachord
14. Multiple location string pickups at Electrochord
15. Electrochord by Vierling, open
16. Electrochord, closed
17. Ben Miessner at his piano
18. Electromechanical tremolo on early Hammond Org
19. Electromechanical vibrato on Solovox
20. Vibrato Delay Line with variable inductors
21. Vibrato Delay Line with electrostatic Scanner
22. Physical appearance of Hammond Delay Line

REC # 3

23. Voder Patent by Homer Dudley
24. Voder keyboard, front view
25. Voder console, overall view.

List of Slides for MAC 81

- B -

- REC # 4 26. Melodion, open (NWDR Hamburg)
- REC # 5 27. Melodion of Cologne Studio
- REC # 6 28. Melodion in Cologne Studio
- REC # 7 29. RCA Synthesizer
30. " " "
31. Ring Modulator used by Heds & Burde
32. "Hard" and "Soft" Ring Modulator
33. Performance curves of "Soft" (Multiplier) Ring Mod.
- REC # 8 [34. Modular Sound Processor total view
35. " " " Schematic, general
36. " " " setup for special sound effect
37. " " " Patent Drawing.
38. Moog Synthesizer
- REC # 9 39. "Jet Sound"
40. Producing Flanging effect with 2 discs
41. " " " " with 2 tape recorders
- REC # 10 42. Basic Configuration of Phasers & Flangers
43. Basic Systems Element for Flanging / Flanging Delay Li.
44. Basic Comb Filter Responses
- REC # 11 45. 3 Generations of All Pass Phase Shifters
46. Echo Chamber
47. Hammond Spring Reverberation Patent
48. Tapped Delay Line for Artificial Reverberation
49. System for Natural Sounding Artificial Reverb (Schroeder)
50. Doppler Effect Vibrato (Leslie)

List of Tape Recordings for MAC 81 by Harald Bode
 =====

- 1.- Trautonium, advanced model, 1961 recording.
 (Remi Gassmann's Music to the Ballet, as produced by
 The New York City Ballet Company under the direction
 of George Balanchine).
- 2.- Hammond Novachord, Tea for Two, played by Fred Feibel.
- 3.- Homer Dudley Vocoder, 3 segments.
- 4.- Dual Formants of Melochord, Hamburg (1949)
- 5.- Sound-on-Sound with Melochord Hamburg.
- 6.- Travelling Formant a la Melochord Cologne (early 50's)
- 7.- RCA Synthesizer (1955)
- 8.- Modular Sound Modifier (1959/60)
 - a) Ring Modulator,
 - b) A-B Echo,
 - c) Percussion Follower,
 - d) Voice triggered melody generator
 - e) Pitch Extractor w. octave couple
- 9.- Flanging with white noise.
- 10.- Marshall Time Modulator
 - a) Radical time compression; Billy Thorpe: Children of the sun
 - b) Multitrack multiple uses of time modulator;
 (Platinum record) Stevie Wonder: Ebony Eyes.
 - c) Resonant flange; John McLaughlin: Phenomenon; Compulsion
 - d) Pitch quantising,
 - e) Echo, Pitch shift.
- 11.- Moog 12-stage phaser w. feedback,
- 12.- Bode Frequency Shifter:
 - a) Bell sounds through exp. control.
 - b) Spiraling echo 3 samples.
 - c) Percussion follower for pitch
 change on drums.
- 13.- Sample/Hold used on voltage controlled filter.
- 14.- Moog string filter.
- 15.- "Poor man's Vocoder" (the "bag").
- 16.- Bode Vocoder:
 - a) Walter Cronkite singing the news, * *Atari*
 - * b) Funkytown, * c) Discover Magazine, d) Atari. * *Alt.*
- 17.- Infinite phasing on Barberpole PhaserTM,
 - a) Pink noise phased up, b) Chord on Polymoog phased up
 - c) Phasing with step function on chord sequence,
 - d) Complex phasing pattern on Bass guitar.

33:12

18.- EXTRA: • COMPUTER SYNCHRONIZED SEQUENCER & BIPHASER
 • 6 MINUTE PIECE

December 3, 1988

Mr. Douglas Kain
855 Page Street
San Francisco, CA. 94117

Dear Douglas,

Here is the Harald Bode pi^ece. It was published in the Journal of the Audio Engineering Society 32 (1984), but got a small audience, and very few in the music or sound field know of it. Bode was unhappy because so few of the pictures which he provided were published and, before he died, he gave me permission to publish it if I published all of the photos and diagrams, which I have on slides. The Journal also gave me permission to publish it. I enclosed the printed version, and a script for the oral version, which I heard him deliver and which includes the annotation of where the slides appear.

Best wishes,

Gerald O'Grady

MEDIA STUDY/BUFFALO

207 DELAWARE AVENUE ■ BUFFALO, NEW YORK 14202 ■ 716/847-2555

August 31, 1977

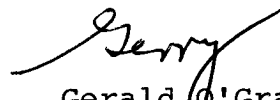
Ms. Steina Vasulka
257 Franklin Street
Buffalo, New York 14202

Dear Steina,

Thanks for your note on Skip Sweeney's tape. Here is a copy of my letter to him. I'll keep you informed.

Now that John Minkowsky has completed his involvement in several other programs, he will begin working on a descriptive catalogue of the whole collection and we hope to finish it this fall. In the meantime, we are seeking funding to expand the collection; as you know, we have only the beginning years of your own work and our interest is to have all of it. This week, by the way, John is bringing to completion his edition of the papers from the Video/Electronic Arts Conference - Aaron Marcus needs to send a rewrite of his talk from Israel and Walter Wright's paper is going through one final rewrite. By Monday, the composition will begin and we intend to print 1,000 copies.

Sincerely,



Gerald O'Grady
President

GO'G:as
MS/B
Enclosure

cc: John Minkowsky
Ron Green

August 31, 1977

Mr. Skip Sweeney
422 Shotwell Street
San Francisco, California 94110

Dear Skip,

A few days ago, Steina Vasulka came to look at Obelisk, one of the tapes which we purchased from you on our NEA grant for a collection of study tapes. I quote parts of a note which Steina has written to me:

"Here is Skip's tape called Obelisk. Whatever was retrievable was very interesting, but the tape is in shambles. I have several guesses of what happened... 1) he was unaware of any problems because he never played the tape back 2) he was aware of it but thought that since it played back on his deck, it would play back on any other.... The first part of the tape has no image, then there is on and off images of feedback, Dick Gregory is all there and so is Carol of "Carol and Fred" fame, and a delightful sketch of Nixon. If he cannot transfer the material successfully, he should try picking it up by camera off the tube or hire an engineer...."

Would it be possible, Skip, to send us a new tape of the best possible quality. This is a tape of considerable historical importance and we need to have it.

Best wishes,

Gerald O'Grady
President

GO:Gas
HS/B

cc: J. Ronald Green, Director
Joan Minkowsky, Video/Electronic Arts Programmer
Steina Vasulka

C
O
P
Y

1775 Eggert Rd.
Buffalo, N.Y. 14226
April 11, 1975

Dr. Gerald O'Grady
Media Study, Inc.
3325 Bailey Ave.
Buffalo, N.Y. 14215

Dear Dr. O'Grady:

In response to your letter of April 5th, I would like to apologize for my unauthorized use of the Advent video projector. It is unfortunate that I have made this mistake, as I now must pay the consequence of restricted use of the Media Study facility. Please believe that I do not take this matter lightly. My hours of employment and other personal responsibilities will make it quite difficult for me to use the facility during restricted hours in the future. My knowledge of the projector's operation and temptation alone compelled me to use the projector. I am sorry. The mistake has been made and I can say no more about it.

However, I would like to bring to your attention other matters which deeply concern me. On April 3rd, it was agreed that Media Study would lend the UUAB Video Committee, among other equipment, a colorizer for a performance to be held in the Fillmore Room that evening. Arnold Dreyblatt was to meet me at Media Study at 6:00 p.m. to issue the equipment. Mr. Dreyblatt arrived at approximately 6:20 p.m. to inform me that the colorizer was at the Vasulka's apartment in downtown Buffalo, and that if I wanted it, I would have to go get it.. Since the performance was to begin in less than two hours, I had no choice but to comply. Due to a snowstorm and the long drive, the colorizer didn't arrive until ten minutes before the performance started. This caused many problems during the performance which would not have occurred had the colorizer been at Media Study at the specified time. The arrangements had been made with Marc Chodorow and Arnold Dreyblatt, whom I hold responsible for this error and great inconvenience.

Unfortunately, we all tend to look at things from our own perspective and become insensitive to that of others. Responsibility "should" work both ways. If it does not, the organization which you represent is not what I hope you would like it to be.

I have not been a student at the University of Buffalo for some time now, so that my connection with the UUAB Video Committee is purely in an advisory capacity. As a resident of New York State with an avid interest in video, I turn to Media Study, Inc. for use of the facility and to help develop the potential of Media Study in serving the needs of the people in our community. In the past, I have offered my energies to Media Study several times. In every instance, they were either refused or ignored. This is regrettable since I feel that I have the expertise and enthusiasm necessary to make a significant contribution to the programs at Media Study. My interest in teaching an editing workshop as well as workshops in other aspects of video remains strong. O 33 again

Once again, my apologies. If you have any interest in my thoughts and criticisms regarding the operation of Media Study, Inc., I would be happy to

sit down with you at a time that is convenient for both of us. I may be reached in the evenings at my home at 838-2811.

Sincerely,

Ed Mellnik

PS: I wish to have the enclosed copies of this letter posted at Media Study, Inc.

cc: Mr. Arnold Dreyblatt
Mr. Rob Yeo
✓Ms. Steina Vasulka
Mr. Marc Chodorow
Mr. Bruce Kaufman

April 16, 1975

Mr. Ed Mellnick
1775 Eggert Road
Buffalo, New York 14226

Dear Ed:

I'm grateful for your letter of April 11.

While no one could disagree with your generality that "unfortunately, we all tend to look at things from our own perspective and become insensitive to that of others," I am unable to accept the association you so easily make in the context of your letter.

Media Study made every attempt to fulfill its commitment to the UUAB Video Committee on April 3, Arnold Dreyblatt's 20 minute lateness an exception.

Steina Vasulka had noticed that the colorizer which the Video Committee reserved needed tuning and had taken it to 257 Franklin so that the burst could be positioned. This was necessary because the oscilloscope was there. Media Study does not have one. Then, she became snowbound, a factor you entirely omit in your letter. She attempted to telephone both you and Arnold to inform you about this unexpected problem but could not get an answer. She did explain this to your friends when they came for it. She also supplied her personal cables so that your event could take place. I have talked to Bruce Kaufman and found that he was also snowbound on that night. You would have to persuade me that this service, which she was offering free for Media Study and especially with an eye to your and the Video Committee's use was "insensitivity."

I am not aware that your "offering" of your energies to Media Study have ever been "refused or ignored." I would be unhappy if this were the case. I know that you once discussed with me your having a "prized" position there as equipment manager, but after looking at many resumes, interviewing all of those whom we did not know personally, and much thought, we chose another person on the grounds that he was more qualified and would better serve the needs of the foundation. You also wrote to me recently to inquire about your offering a workshop in editing video and I answered you, indicating that we would have to wait on that decision until we had funding. It seems clear that you have not been "ignored" and I would not characterize my decisions as "refusals" of offerings of energies.

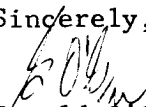
Letter to Ed Mellnick
April 16, 1975
PageTwo.

I was puzzled, at first. as to why you referenced Bruce Kaufman, but I take it that you have done so because of his affiliation with the UUAB Video Committee. I must now send him a copy of this letter so that he will understand what we were attempting to do on April 3.

I think it unfortunate that you have linked your own unauthorized use of the advent projector, a personal problem, with the relation of Media Study to another organization. They are two completely separate problems, and your version of your own relation to Media Study in the past is still another issue. I was at pains to make this clear in the conclusion of my earlier letter to you.

I see no reason to post any of these letters at Media Study. I regard them as personal interchanges. I would be glad to give you the opportunity to persuade me that I am wrong, or to discuss any other thoughts or criticisms that you might have about Media Study. Marc Chodorow and other workers at Media Study should be involved in any such discussions and you know that Marc is at 835-2088.

Sincerely,


Gerald O'Grady
Director

MSI
GO'G:MWK

cc: Marc Chodorow
Arnold Dreyblatt
Bob Yeo
Steina Vasulka ✓
Bruce Kaufman

TORAL

MEDIA STUDY INCORPORATED 3325 BAILEY AVENUE, #1 BUFFALO, NEW YORK 14215

April 5, 1975

Mr. Ed Mellnik
1775 Eggert Road
Buffalo, New York 14226

Dear Ed:

On Tuesday, April 1, Media Study was in the process of installing an advent television projector. It was not yet functioning perfectly; we had, as yet, no schematics for it, and it was not properly safeguarded or insured. Thus, we took every caution to protect it, placing it behind the film screen and putting a "do not touch" sign on it. That night, you were allowed access to the studio and our equipment manager has reported to me that when he returned, early on the morning of April 2, he found that you had turned on the advent projector.

In fairness to all of the other people who desire and need access to our equipment according to the rules for usage which we have established solely and specifically to ensure its continuing availability to as many of them as possible, I must inform you that you can no longer use the studio or its equipment except during the regularly scheduled hours when an equipment manager is present, and that you must agree, as does everyone else, to the rules which he is responsible for implementing.

I want you to be fully aware that it gives me no pleasure to write you this letter, that it has nothing to do with my value for you as a person, and that it reflects no judgment of your work.

Sincerely,

Gerald O'Grady
Director

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cc : Mr. Arnold Dreyblatt
Mr. Rob Yeo
Ms. Steina Vasulka
Mr. Marc Chodorow