

May 17, 1979

To: Roger

From: Marcia

Subject: 20% Electronics Maintenance Technician

I have attached the information you requested on all past correspondence concerning the Music Department's contribution of 20% time from their Electronics Technician.

Attachments

cc: C. Georgalis
✓ P. Oliveros
B. Rittenbach

COPY

THE ROCKEFELLER FOUNDATION
111 WEST 50TH STREET
NEW YORK, N. Y. 10020

In reply please quote: RF 71090

December 14, 1971

Dear Chancellor York:

I have the honor to inform you that at a meeting of the Board of Trustees of The Rockefeller Foundation on December 6-7, 1971, action was taken to provide up to \$400,000 to the University of California, San Diego, toward the costs of establishing a Center for Music Experiment and Related Research. This sum is available during the three-year period beginning July 1, 1972, with the understanding that no more than \$200,000 may be expended in any one year.

It is the understanding of our Trustees that the funds thus provided will be used for such purposes as salaries for faculty assigned to the Center, adjunct professors, fellows/research assistants, administrative staff, a recordist-archivist, and a secretary; for leasing equipment; and for colloquium lecturers and employee benefits. It is their further understanding that, in addition to the building for the Center, the University will provide an electronic maintenance technician, research assistants, and 41 percent of the Center's total salaries and wages.

It is also understood that the University plans gradually to increase its contributions during the second and third years of the grant, and that it expects that at the end of the three years it will assume all costs of the Center.

Payments on this grant will be made on a semi-annual basis upon receipt and approval of a budget for the program at the beginning of each fiscal year of the appropriation. Please send us also annual statements of receipts and expenditures. Any balance of the funds unexpended on June 30, 1975, will revert to the Foundation.

A brief public announcement of our grant will be made in the next quarterly report of the Foundation. There is, however, no objection on our part to your announcing the grant prior to the Foundation's report if for any reason you wish to do so. As a matter of routine I am enclosing a printed statement of the Rockefeller Foundation policy regarding the announcement of grants.

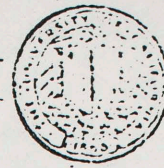
It is a pleasure to report this action to you.

Sincerely yours,

Chancellor Herbert F. York
University of California, San Diego
La Jolla, California 92037

J. Kellum Smith, Jr.

Copies to: Mr. J. J. Silber
Mr. Roger Reynolds



CHARLES J. HITCH
President of the University

OFFICE OF THE CHANCELLOR
LA JOLLA, CALIFORNIA 92037

HERBERT F. YORK
Acting Chancellor at San Diego

January 21, 1972

RF 71090

Mr. J. Kellum Smith, Jr.
Office of the Secretary
The Rockefeller Foundation
111 West 50th Street
New York 20, New York

Dear Mr. Smith:

It was with extreme pleasure that we received your letter of December 14, 1971 informing us that the Board of Trustees of The Rockefeller Foundation on December 6-7, 1971 approved up to \$400,000 toward the cost of establishing the proposed Center for Music Experiment and Related Research. Your understanding is correct that in addition to the building for the Center, the University will provide an Electronics Maintenance Technician, Research Assistants, and participation in the form of indirect costs to the extent of 41% of the Center's total Salaries and Wages. Additionally, the University does plan to increase gradually its contributions during the second and third years of the grant and expects to assume all related costs at the end of the third year. It is my understanding further that a budget for the first fiscal year of the Program will be transmitted for your consideration well in advance of the July 1, 1972 starting date of the first year of the Program.

Very sincerely yours,

ORIGINAL SIGNED BY
HERBERT YORK

Herbert F. York
Acting Chancellor

cc: H. D. Johnson
R. H. Pearce
J. J. Silber
R. H. Smith
~~X.~~ Reynolds
R. C. Weinberger

UNIVERSITY CONTRIBUTION - Project for Music Experiment 1972-73

SALARIES

<u>Admin. Assistant, Dept. of Music</u> (15% of \$8,604) for two months in summer plus minor assistance during year	\$1,290.60
<u>Electronics Technician</u> , maintenance (20% of \$11,244) for weekly maintenance	2,248.80
<u>Research Assistants</u> two at \$4,020 (12 month period) 50% time one at \$3,015 (9 month period) 50% time	11,055.00
<u>Director</u> , released time from teacher for administering Project for Music Experiment (17% of \$17,400)	<u>2,958.00</u>
TOTAL SALARIES	\$17,552.40

EMPLOYEE BENEFITS

TOTAL EMPLOYEE BENEFITS

OTHER

University Research Committee Grants:		
W. Ogdon	\$1,334.52	
K. Gaburo	790.39	
P. Oliveros	<u>9,832.00</u>	11,956.91
Travel-Intercampus-P. Oliveros	50.00	
Travel-Intercampus-W. Ogdon	<u>93.00</u>	143.00
University Summer Fellowships		-0-
Regents' Lectureships		3,000.00
University Concern Support		<u>5,100.00</u>
TOTAL OTHER		\$20,199.91

TOTAL UNIVERSITY CONTRIBUTION

ANTICIPATED SOURCES OF FUNDING FOR PROPOSED CENTER FOR MUSIC EXPERIMENT

1. Rockefeller Research Grant - 71090	\$400,000.00
2. Anticipated Ford Foundation Grant Under Consideration	60,000.00
3. Music Department Release Percentage for Faculty Participants	46,451.97
4. RA Support - OGSR (1.5 FTE/Yr. for First Three Years)	29,145.00
5. Electronic Maintenance Technician Supported Through Music Department	27,854.60
6. Administrative Salaries to be Funded by University after Third Year	36,088.00
7. University S&E Support (\$8,000/Year)	40,000.00
8. University Equipment Funding	
a) Already granted for first year	12,000.00
b) Presently under consideration for second year	10,000.00
c) To be sought for 3rd-5th years	23,000.00
9. University Renovation Funds	5,000.00
10. Support of Faculty Participation in the Center through the University Research Committee	5,000.00
11. Regents Lecturers	2,500.00
12. University Assumption of Indirect Costs	281,957.36
13. Presently being sought from various sources	97,872.70
	<hr/>
TOTAL	\$1,076,869.63

COST SHARING CONTRIBUTION REPORT

1. Principal Investigator: John J. Silber 2. Department: Music
3. Account Name: Rockefeller Fdn-RF-71090-Silber
4. Account Number: 446242 5. Fund Number: 59371
6. Reporting Period: 7-1-73 to 6-30-74 - Second Year
7. Salary Contributions:

<u>Name</u>	<u>%Time Contributed</u>	<u>Gross Pay During Period</u>	<u>Amount</u>
<u>B. A. Alvarez</u>	<u>15</u>	<u>\$ 10,283.00</u>	<u>\$ 1,542.45</u>
<u>L. A. Prince</u>	<u>10</u>	<u>12,874.00</u>	<u>1,287.40</u>
<u>Research Assistants(see attached list)</u>	<u>100</u>	<u>10,220.98</u>	<u>10,220.98</u>
		<u>TOTAL</u>	<u>\$13,050.83</u>

8. Other Cost Contributions:

Description

<u>Fellowship (Warren Burt)</u>	<u>\$ 2,500.00</u>
<u>Equipment</u>	<u>15,313.92</u>
<u>Renovations</u>	<u>4,989.20</u>
<u>Supplies & Expense</u>	<u>7,589.78</u>
<u>Other(Research Grants, etc)</u>	<u>2,556.10 *</u>
	<u>TOTAL</u>
	<u>\$32,949.00</u>

I certify that at least the above University funded costs were contributed to the support of the Federal grant cited during the reporting period indicated.

9. Date: 10-1-74 10. Title: Professor & Chrm. 11. Signature:

Thomas Nee
Thomas Nee

FOR ACCOUNTING OFFICE USE

12. Salary contribution per item 7 above	<u>\$13,050.83</u>
13. Staff benefits at _____ percent of salary contributions	<u>356.18</u>
14. Overhead at 41% of salary contributions	<u>5,350.84</u>
15. Other cost contributions per item 8 above	<u>32,949.00</u>
16. Total cost contributions during reporting period	<u>\$51,706.85</u>

*Special Note: an additional \$300 was contributed for honorariums for several participants in special program by the Visual Arts Department (this is not included above).

September 21, 1976

To: Roger
From: Marcia
Subject: "Best Effort" Agreements - Electronic Maintenance Technician

In response to Cheryl's memo dated September 16, 1976, I wish to supply the following information:

1. It is indeed true that there is no mention of the University's contribution of 20% time for an Electronic Maintenance Technician on the official Commitment Report, but ...
2. In our meeting with Ken Anderson and Jerry Sasek on August 12, 1975, it was noted by Mr. Sasek as a CME need the 20% Electronic Maintenance Technician and further agreed that this was "to be handled by Music." Cheryl Georgalis (Montano) was also present at this meeting.
3. Although this letter is superseded by the memo referred to in Item 1, a letter from J. Kellum Smith of the Rockefeller Foundation on January 21, 1972 states the understanding for "provision for an Electronics Maintenance Technician."
4. Cost Sharing Reports and Cost Sharing Commitment Reports prepared by CME in cooperation with the Music Department for the years 1972-73; 73-74; 75-76; and 76-77 all included the expense for an Electronic Maintenance Technician. (The Commitment report for 1974-75 was not prepared. No support was received in this area in 1974-75 and, therefore, the Contribution Report for that year did not include this expense.) All these reports were dually signed by the Director of the CME and the Chairman of the Department of Music.

It seems apparent that this is a commitment solely between the Music Department and CME. It should be discussed and documented.

Marcia

cc: Pauline Oliveros

old
1) Memo on technician
"min. of 8 hrs/week"
send directly to BR
for signature

TN

October 11, 1977

To: L. Newmark
Music Department
Subject: Attached Memo

not attached

Pauline wanted you to look this over to make sure everything is stated correctly. Make any additions as needed and return to me at CME (Q-037).

Thank you.

Marcia Rubish
CME

1-t

December 8, 1978

*P.O. ✓
This was
sent to Bernard
for signature
12/8/78
MR*

To: Bernard Rands, Chairman
Dept. of Music

From: Pauline Oliveros, Director
CME

Subject: Electronics Technician Contribution

In order to formalize the agreement between CME and the Music Department concerning a contribution of a portion of Electronic Technician's time for maintenance at CME, I submit the following statement. If you concur, please sign below. A copy of the fully executed agreement will be returned to you.

Thank you.

The Department of Music agrees to permanently contribute a minimum of eight (8) hours per week of an Electronic Technician's time to be used for the maintenance of the CME technical studios.

Bernard Rands, Chairman
Music Department

Pauline Oliveros, Director
Center for Music Experiment

Dated: _____

Dated: _____

PO/MR/ef

January 19, 1979

TO: Jean Charles Francois
Pauline Oliveros
Bernard Rands
Roger Reynolds
George Ritscher

SUBJECT: Technical Meeting

The technical meeting to discuss exchange of the Music Department's
Electronic Technician's time has been scheduled as follows:

Tuesday, January 23, 1979
Noon to 1
122 Mandeville

Please be prompt. Thank you.

Marcia

cc: C. Georgalis

Agenda

Executive Committee Meeting
Tuesday, January 23, 1979
One o'clock

1. Ron George Percussion Quartet Proposal (copy attached).
2. Victor Saucedo Final Project Approval (copy attached).
3. Music Technician Time at CME.
4. Result of meeting with Raoul Marquis on RETC grant.
5. Review of Grant Proposals
 - a. Initial NEA \$ 25,000
 - b. NSF 233,195
 - c. Rockefeller 175,000
 - d. Second NEA - Treasury 50,000

Total Requested \$483,195

 - e. Other possibilities
 - (1) RETC
 - (2) Kresge
 - (3) NIH
 - (4) George/UNESCO
6. SONY Proposal for Equipment Requests
7. Chancellor's Associates Grant for Publications.
Amount Requested: \$1,300.00
8. Video Volunteers
 - a. Barbara Broughel
 - b. Friend of Linda Montano
9. New Instrument Resources Conference
May 4, 5, 6 - Coordinators: Ron George and Will Parsons
10. What's Cooking III? Conference
 - a. May
 - b. In the desert

Connections loose in patch bay - Sound is colored
sometimes - intermittent -
Maintenance of tape recorders
Normal connections + connections to patch bay confused
Connections - switches between amplifiers + speakers.
Sony equipment - additions to studio
Calibration of board - like outputs for different modules
Dex - give different outputs from different channels
with same signal -
Trunklines between analog studio + control room
1 intermittent 1 disconnected -

Hybrid - 2nd Priority

Routine once a month calibration check

Workstudy for wire wrapping on Hybrid - \$85

Redesign? Patch bay -

April 4, 1979

TO: George Ritcher
FROM: Bruce Rittenbach

Dear George:

1. Would you please have Paul come over and do a lubrication and cleaning (including cleaning scrape flutter filter on Ampex 2) of both Ampexes and Sony 850 as soon as time permits. Please let me know ahead of time so we can schedule studio time - especially if machines have to be down for awhile.
2. While here, please have him check out crackle in sel-syne mode of Channel 1, Ampex I.
3. Ampex I needs heads badly. So that we can plan on the dollars required, would you please figure total cost estimates for:
 - a. Reapplying heads
 - b. Replacing with standard heads
 - c. Replacing with Ferrite heads

Thanks,

Bruee

May 16, 1979

TO: George Ritche

FROM: Bruce Rittenbach

Would you please have Paul come to CME to do the work on the Ampex recorders that I requested in a memo to you over a month ago. Twice he was scheduled to come over and twice he didn't show up. This work is of primary importance:

1. Fix excessive hiss in Ampex1, ch 1, in synch mode.
2. Ultrasonic cleaning of scrape flutter on Ampex 2.
3. Lubrication and cleaning of both Ampexes. Items 2 and 3 are per Paul's recommendation of 1/19/79. Have Paul contact Terry or myself before he comes to schedule studio time and make sure he records what was done in the studio record book.

Also, be alerted that we will have 2 - 3 man/days of wire wrapping on our computer DMA interface. This can all be done in your shop. I will be bringing over the first work this week. The work consists of wire-wrapping 1 circuit board, modifications on a 2nd, and (mostly) wire-wrapping a backplane with 9 cards.

Bruce Rittenbach

cc: Bernard Rands
Roger Reynolds
✓ Pauline Oliveros
J. C. Francois
Marcia

MINUTES OF USER'S CLUB MEETING - 4/4/79

THE STATUS OF EQUIPMENT REQUESTS was discussed. The User's requests have been forwarded to the Electronics Committee, which has included them in the department's equipment request. Electronics Committee priorities for this list (of all electronic requests) will be sent as supporting material for the request when models and prices have been decided. B-108 requests are : #1 - 4 more channels of DBX, #2 - new Reverb. unit (Orban), also 2 good quality condensor mics., a stereo 1/3 octave filter, a speed/pitch converter, and 4 noise gates. The User's expressed a desire that the microphones be the #3 priority, and that the noise gates are not particularly desired. These opinions will also be sent to the Electronics Committee.

SIGN-UP PROCEDURES FOR B-108. Due to increased use of the Graduate Studio, problems have arisen in fair access to the studio. Primary concerns were : the entire week becomes filled soon after the schedule goes up, leaving some people with no time at all; 2) it was felt that undergraduates, who are given access to the studio in a second priority status, have a later sign-up time than graduate students; and 3) that it be possible to sign up for studio time farther in advance so plans can be better made (at present the schedule goes up on the first day for which it applies). The following plan was adopted :

- 1) The sign-up sheet will go up on the Wednesday preceding the week for which it applies.
- 2) On Wed. User's may sign up for only 3 hrs. of use. Graduates sign up after 8:00, undergraduates after 12:00.
- 3) The remaining time may be signed up after 11:00 Thursday.
(Each user may sign up for a total of 20 hours per week.)
- 4) At 10:45 on Thursday, any user who wants to sign up for extended hours in the next week, or for any time in the week after should meet with other user's to get their permission. This is intended to aid people who have a project due soon and need special consideration. Such a person should take the responsibility to contact other users currently working

in the studio to arrange their permission. Such extensions and special arrangements should be made known to all users. Unless strong objections to this are made known to me by those who couldn't, or didn't, attend this meeting, this procedure will go into effect beginning April 11, 1979.

It was also mentioned, and agreed upon, that B-108 should not be tied up for work which can be done in another facility, such as editing, which can be done in B-124 or B-150.

IT WAS SUGGESTED that a current list of all users and their phone numbers be posted in B-108 and distributed to all users, so late changes in scheduling can be made. This will be done as soon as possible.

Bob Goold

Graduate Student Rep.

May 26, 1978

Generalized Electronic needs

for 78-79

\$200

Cassette Deck for checkout

\$5500

Dubbing - editing facility/Rehearsal/Recording

\$2000

2 Music 1 Stations

\$1700

Mixing Board for 8108

\$1200

1/4 track tape machine BRS

\$600

(Rate Graphic Synthesizer 1/2 → 202 Seminar ← \$600)

\$600

Microprocessor + wiring

\$1000

Wiring project materials

Subject to addition and change according to new faculty computer music personnel.

2-10-78

ELECTRONICS BUDGET

George Ritscher

Allocation:*		Expense to date:	Available balance:
Tools/parts/supplies	4,500	3364	1136
Wiring	500	267	233
Archiving	<u>1,350</u>	<u>510</u>	<u>840</u>
	6,350	4141	2209

*This allocation includes all S & E. The equipment request will be handled separately by request of the Electronics Committee.

Does not include January Campus Services Charges..

distribution: Ritscher
Newmark
Oliveros
Georgalis
Olson

Feb 9, 1978

- Cassette Deck for check out \$200
Dubbing - Editing Facility / Archive Listening #5500
2 Music 1 Stations #
Mixing Board (Tascam II) 2nd hand? \$1000
B108
1/4 track tape machine B108 #
Portable ^{Graphic} Equalizers (1/3 octave) for #
202 Seminar next year -
(for tuning performance spaces)
(MT) Microprocessor + Auxiliary Equip. \$600
Wiring project #

George - Here is the list I think -
Priority has to be determined by need
and available funds (of course!)
think we should investigate 2nd hand
and try to get some \$ for the EMS
and any other unuseful items.

PS - 205 Seminar in Spring will be
taught jointly by me in B108 -

PPS

Fairchild Reverb - only on loan
until other reverb repaired.

PO

410 0131 B-026
MISS PAULINE OLIVEROS
MUSIC
122 MDVL CTR

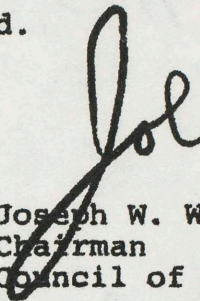
January 30, 1978

Dear Faculty Member:

We wish to encourage you to provide the students in your courses with at least one written evaluation of their performance in the course prior to Friday, February 17th. February 17th is the deadline for dropping Winter Quarter courses and students should have some objective information on which to base their decision to continue in or withdraw from a class.

We also wish to remind you that February 20th through 24th is Advisement Week. During this period, students will be seeking advise from faculty on their course schedules for Spring Quarter. It would be most helpful if faculty would make special efforts to be on campus and available to students that week.

Your cooperation is greatly appreciated.



Joseph W. Watson
Chairman
Council of Provosts

(d1)

Nov 29 1977

To Leonard Lumsden, Chair
From Paulini Oliverio

Subject Priorities for equipment and renovation

- | | | | | |
|---|----|-------------|--------------|--------------------|
| Done | 1. | Replacement | Revox TR and | \$ 2000.00 |
| | 2. | " | " Amplifier | 350.00 |
| 3. Adjust Classrooms with drapes and carpeting to improve listening environment | | | | 500 - 1000 |
| 4. Archive Dubbin's editing listening facility | | | | 5500.00 |
| 5. Mixer for B108 | | | | 3500.00 |
| 6. Microprocessor | | | | 600.00 |
| 7. Music Stations: Two | | | | ? |
| 8. Cassette Recorder for checkout | | | | 350.00 |
| 9. Quarter Track Machine for B108 | | | | 2000.00 |
| 10. Spectrum Analyzer | | | | 6000.00 |

more

George might find some excellent buys at Ed. Surplus in Fullerton if time could be found to get up there.

2/14/78

Recording Policy for 1977-78

Department of Music facilities may be used only for academic (that is, not commercial) projects.

I. Concert Recording

All concerts presented by or in conjunction with the Music Department will be classified into one of three categories--these categories to be assigned by the faculty Concert Coordinator. The categories, with an explanation of their meanings and examples, are the following:

- A. Class I events--upon faculty request--will be recorded by recording staff for potential inclusion in the permanent archives. One other copy, as provided by performer or performance coordinator, will also be recorded simultaneously. Examples: faculty recitals, department ensembles, and certain performances and formal lectures by distinguished visitors.
- B. Class II events--will be recorded upon request of faculty performer or sponsor, but no archive copy made. Tape must be provided by performer or performance coordinator. Examples: Atomic Cafe, special graduate composition recitals.
- C. Class III events--will not be recorded by recording staff. Performers are free to make own recording arrangements, including contacting someone authorized to operate Music Department portable recording equipment, who may check these items out for that purpose. Example: noon concerts, student recitals, undergraduate class concerts.

II. Tape copies/Dubbing

- A. For every concert which is recorded, one personal copy will be made if the performer/performance coordinator provides the necessary tape at least one week in advance. The appropriate request forms will be available in the Music Office (Mandeville 114) or B-206.
- B. Additional copies
 1. Faculty will be allowed a maximum of two copies of their performances recorded by the department. (Tape to be supplied by faculty.) Additional personal copies will be charged at regular student rates.
 2. Students wanting additional copies of department performances in which they participated must provide tape and pay a fee based on operator's time.

III. Request Forms

For all concerts to be recorded, the performer/performance coordinator must fill out a form specifying the works to be performed and their timings. This should be given to the recording staff at least one week before the performance. Forms are available in the Concert Office, Mandeville 110.

IV. Special Recording

Approvable special recording projects fall into the following categories:

A. Faculty research

Departmental facilities may be used without charge on a time available basis. If the facilities must be used at other than normal working hours, there will be a charge for direct departmental costs: technician time (on an overtime basis), tape, etc.

B. Graduate student research

Departmental facilities may be used on a time available basis. There will be a charge for direct and indirect departmental costs: technician time, tape, machine wear, etc.

C. Undergraduate student research

Departmental facilities may be used in exceptional cases only by special permission (e.g. as a requirement for a course) of the department chairman.

D. Other uses

In exceptional cases (e.g. requests from other departments, university administration, distinguished non-university colleagues) the chairman may grant permission to use departmental recording facilities for non-commercial, academic functions. There will be a charge for direct and indirect departmental costs.

V. Charges (except as noted above)

A. Tape Duplicating

Duplicating for personal use will be done at the rate of \$5.00/hour of operator's time. This means a tape copy of a typical 1 ½ hour concert (normally duplicated at double speed) would cost about \$6.00. Tape must be supplied by requester.

B. Recording Session

All recording sessions involving private payment will be at the rate of \$15.00/hour, computed from time recording engineers start setup until end of tear-down. Tape must be supplied by requester.

C. Tape Editing

Private editing is at the \$15.00/hour rate. Supplies furnished by the department, except for blank tape onto which copies are made.

ELECTRONIC ARTS GROUP PROPOSAL

The Electronic Arts Group serves as a supplementary program to the existing electronic music courses offered through the Music Department. While 105 sequence touches on electronic theory, it cannot deal in depth nor does it address itself to the "nuts and bolts" aspect of circuitry. Our weekly tutorial sessions provide means to fill this void and our workshop area is a centralized and functional space where students can learn by building.

Projects can be directed either towards construction of builder-owned devices or towards group work to supplement existing studio hardware. This second category merits particular attention, since the department will derive several benefits thereby.

The Music Department maintains two electronic music studios. The undergraduate studio in B-124 contains an antique but useable Buchla 100 series. The graduate studio in B-108 contains a Moog of similar vintage (about 10 years old) and a crippled Buchla 200 series. This last-mentioned instrument suffers from a total lack of sequencers, a dearth of control voltage sources (such as envelope generators) and a (hopefully) temporary shutdown while Donald Buchla holds several modules for repairs. (Most composers of electronic music find it difficult to compose in B-108 as a result).

Suggested projects for the two studios (U= undergrad;
G= grad)

1. (U) A multiple-input mixer with pan and voltage-controlled location features.
2. (U) Several voltage-controlled filters.
3. (U,G) A voltage-coupling device to enable signal voltages to be applied as control voltages.
4. (U,G) A frequency follower.
5. (U) A frequency shifter.
6. (G) A sequencer.
7. (G) A bank of envelope generators.

Another deficiency in the music program is the lack of equipment for live performance of electronic music. The construction of a battery of transduction and modulation devices would enable us to do live performances on a level above present capability (instruments plus tape). Some of the more interesting work in the field has been done using real-time electronics (CF. "Hornpipe" by Gordon Mumma, "Kuntakte" by Karlheinz Stockhausen, "I of IV" by Pauline Oliveros and "Music for Solo Performer" by Alvin Lucier; (Which Bruce Rittenbach replicated when he was a student here)).

A final suggestion, with an eye to the future in electronic music, is the purchase of one or two micro computers for use in hybrid digital-analog composition. A system of this type exists at CME and it is significant that Donald Buchla has stopped building sequencers and

and multiple arbitrary function generators in favor of micro processor control. With such a central control unit as a general-purpose hub, composers can design and construct special-purpose, high-speed interface devices to their own particular needs.

In summary, The Electronics Arts Group can function both as an extension of the classroom and as a resource pool for upgrading existing music technology facilities. Equipment can be constructed more cheaply (by a factor of 10 to 100) and for more specific application than through purchase of packaged units. I have prepared an equipment list on which to base purchase of necessary and/or desirable fabrication and test gear. These budgets are presented with prices being of "ball-park" accuracy and based on figures supplied by George Ritscher and Bruce Rittenbach. Most prices represent surplus or used equipment. Relative price is proportional to relative quality.

Richard Zvonar Griggs

2/7/78

ELECTRONIC ARTS GROUP
budget proposal

<u>TEST EQUIPMENT</u>	A	B	C
Oscilloscope	\$ 600	\$200	\$100
Power supplies	200	50	25
Analog multimeter	100	50	50
Function generator	300	50	20
AC VTVM (HP 400 series)	125	50	--
Digital multimeter	200	150	50
Frequency counter	250	--	--
Decade boxes (capacitance & resistance)	50	50	20
	<hr/> \$1825	<hr/> \$500	<hr/> \$265
<u>TOOLS</u>			
Soldering irons	\$60	\$60	\$60
Drill w/bits and stand	50	50	25
Fabrication tools (strippers, dikes, screwdrivers, reamers, hammers, pliers, etc.)	200	100	50
Tool box	20	10	5
Vices	100	100	50
Moto-tool drill and bits	40	40	40
Breadboarding units	100	50	30
P.C. board kit and wire wrapping kit	100	50	--
	<hr/> \$670	<hr/> \$470	<hr/> \$260

MISCELLANEOUS

	A	B	C
Parts and supplies	\$400	\$200	\$100
parts bins	20	10	5
ACpower	50	30	20
Monitor system	150	75	50
Lamps (3)	80	50	20
Stools (3)	60	30	30
Misc. (postage, stationery, bulletin board, etc.)	100	50	25
Reference materials	200	100	50
Xerox	200	100	50
Telephone	50	25	--
Gasoline	50	25	--
	<u>\$1360</u>	<u>\$715</u>	<u>\$350</u>

TOTALS

Budget A	Budget B	Budget C
\$1825	\$ 500	\$265
670	470	260
<u>1360</u>	<u>715</u>	<u>350</u>
\$3855	\$1685	\$875

April 10, 1978

TO: George Ritscher
FROM: Bruce Rittenbach
SUBJECT: Music 104C

The purpose of this note is to solidify our agreement concerning the equipment /space requirements for Music 104C.

It is understood that the class will normally meet in B206 on Mondays from 6:00 - 7:30 p.m. for all of Spring quarter. Since this arrangement is ongoing, you can always plan on these times, and I will notify you only of exceptions.

Exceptions will occur on weeks when there are class projects. During these weeks the class may or may not meet at the above time, depending upon the time and location of the project. You will be notified at least seven days in advance if the class will not meet at its normal time.

It is further understood that the class will engage in up to four class projects in B206 during the quarter. You will be notified at least seven days in advance of class projects occurring in B206 so that you may contact me concerning time/space conflicts.

In addition I wish to establish the following list of microphones as being available to 104C students, either by being checked out or by being resident in B151. This is the list given by you to me last fall:

AKG	D1000E	Cardioid
EV	666	"
EV	635A	Omni
EV	RE15	Super Cardioid
EV	RE55	Omni
Sennheiser	MKH405 (w/Power supply)	Cardioid

cc: Newmark
Rands
Oliveros
Reynolds
Erickson

Bruce Rittenbach

April 13, 1978

TO: Bruce Rittenbach

FROM: George Ritscher

SUBJECT: Music 104C

This is a reply to your memo of April 10, 1978.

I agree to all terms of the memo, with the exception of the last paragraph and list. The microphones listed were those we had discussed being available to the class while doing one or more of the special class recording projects, directly supervised by you.

The microphones on that list not available for student checkout/ placement in B-151 are the E-V RE55's and the Sennheiser MKH 405's. In my experience with the students in the class, I have not seen enough care of the equipment taken to allow unrestricted access to these mikes, which are needed by our recording staff for Department recordings. The Sennheiser mikes, in particular are extremely fragile - two are out of commission at the moment - and would not last a week in the rough and tumble abuse of the class members.

cc.: L. Newmark
B. Rands
P. Oliveros
R. Reynolds
R. Erickson

GR/om

2/14/78

Recording Policy for 1977-78

Department of Music facilities may be used only for academic (that is, not commercial) projects.

I. Concert Recording

All concerts presented by or in conjunction with the Music Department will be classified into one of three categories--these categories to be assigned by the faculty Concert Coordinator. The categories, with an explanation of their meanings and examples, are the following:

- A. Class I events--upon faculty request--will be recorded by recording staff for potential inclusion in the permanent archives. One other copy, as provided by performer or performance coordinator, will also be recorded simultaneously. Examples: faculty recitals, department ensembles, and certain performances and formal lectures by distinguished visitors.
- B. Class II events--will be recorded upon request of faculty performer or sponsor, but no archive copy made. Tape must be provided by performer or performance coordinator. Examples: Atomic Cafe, special graduate composition recitals.
- C. Class III events--will not be recorded by recording staff. Performers are free to make own recording arrangements, including contacting someone authorized to operate Music Department portable recording equipment, who may check these items out for that purpose. Example: noon concerts, student recitals, undergraduate class concerts.

II. Tape copies/Dubbing

- A. For every concert which is recorded, one personal copy will be made if the performer/performance coordinator provides the necessary tape at least one week in advance. The appropriate request forms will be available in the Music Office (Mandeville 114) or B-206.
- B. Additional copies
 1. Faculty will be allowed a maximum of two copies of their performances recorded by the department. (Tape to be supplied by faculty.) Additional personal copies will be charged at regular student rates.
 2. Students wanting additional copies of department performances in which they participated must provide tape and pay a fee based on operator's time.

III. Request Forms

For all concerts to be recorded, the performer/performance coordinator must fill out a form specifying the works to be performed and their timings. This should be given to the recording staff at least one week before the performance. Forms are available in the Concert Office, Mandeville 110.

IV. Special Recording

Approvable special recording projects fall into the following categories:

A. Faculty research

Departmental facilities may be used without charge on a time available basis. If the facilities must be used at other than normal working hours, there will be a charge for direct departmental costs: technician time (on an overtime basis), tape, etc.

B. Graduate student research

Departmental facilities may be used on a time available basis. There will be a charge for direct and indirect departmental costs: technician time, tape, machine wear, etc.

C. Undergraduate student research

Departmental facilities may be used in exceptional cases only by special permission (e.g. as a requirement for a course) of the department chairman.

D. Other uses

In exceptional cases (e.g. requests from other departments, university administration, distinguished non-university colleagues) the chairman may grant permission to use departmental recording facilities for non-commercial, academic functions. There will be a charge for direct and indirect departmental costs.

V. Charges (except as noted above)

A. Tape Duplicating

Duplicating for personal use will be done at the rate of \$5.00/hour of operator's time. This means a tape copy of a typical 1 ½ hour concert (normally duplicated at double speed) would cost about \$6.00. Tape must be supplied by requester.

B. Recording Session

All recording sessions involving private payment will be at the rate of \$15.00/hour, computed from time recording engineers start setup until end of tear-down. Tape must be supplied by requester.

C. Tape Editing

Private editing is at the \$15.00/hour rate. Supplies furnished by the department, except for blank tape onto which copies are made.

\$500 for materials for wiring

Equipment

Balgano

Teac mixer for B124 \$500

Logic Aux tape footage counter for each studio \$300
for timing

Microprocessor

KIM

Wave tek

\$600 Variable speed for B108

Oscillator which can be driven by the micro processor.

Spectrum Analyzer

Flanger \$3000

(K. Sonogram)

(Sves Audio Spectrum Analyzer)

Balgano

2 Kelex

\$600

→ Special build

\$300 - 400

oscillator

Microprocessor

\$1200

+ associated necessary equipment

Harkins

Portable computer

Terminal

for access to Burroughs

\$3000

Mixer for

B108

\$1500

mod form 4 DBX for

Tape for B108

\$1200

mod. 154 DBX for

faculty studio 8chan \$3200

Performance

\$650

Grown Grafic 20-2

Equalizer

\$2000
#995

Itamaround 695

Equipment + Space improvement needs

4 Dubbing/Editing/listening/Facility (Archive Listening) \$5500

Mixer for BIOS

1. Replacement Revox 2000
~~Preamp~~ 350

2

Amp

3 Adjust Classroom Drapes Carpets
Wiring project?

6 microprocessor \$600

9 Quarter Track Machine for BIOS

7 Music 1 Stations 2 more

10 Spectrum Analyzer \$6000

8 Cassette Recorder for checkout

$\frac{1}{2}$ Tape Machine for playback in Urdille

5 Mixer for BIOS

003 1021
B-026
MISS PAULINE OLIVEROS
MUSIC
122 MDVL CTF

PAULINE -

I'D LIKE TO CONSULT WITH
YOU ABOUT E.A.G. FUNDING. I TALKED
TO LEONARD, & HE SAID YOU SHOULD
ADVISE HIM ON POSSIBLE DEPARTMENTAL FUNDING
FOR NEXT YEAR. I'LL BE AROUND THROUGH
WEDNESDAY.

HOPPE YOU HAD A NICE TRIP.

THANKS -

Arthur Leonard Jupp

UNIVERSITY OF CALIFORNIA
SAN DIEGO DIVISION OF THE ACADEMIC SENATE

NOTICE OF MEETING

Tuesday, October 25, 1977
3:30 p. m.
104 Third College Lecture Hall

ORDER OF BUSINESS

	<u>Page</u>	<u>Projected Discussion Time</u>
1. Minutes of May 24, 1977 (previously distributed)		1 min.
2. Announcements by the President of the University		
3. Announcements by the Chancellor at San Diego		
4. Announcements by the Chairman of the Division		10 min.
5. Announcements by the Student and Research Staff Representatives		
6. Announcements by the Representatives to the Assembly		
7. Other Announcements		
8. Special Orders		
Consent Calendar *		1 min.
Executive & Policy Committee		
Amendment of By-Law §180 - Committee on Academic Personnel	3	
By-Law Amendments Concerning Assembly Representatives	3	
By-Law Amendments Concerning Elections and Mail Ballots	5	
Committee on Rules & Jurisdiction		
By-Law Amendments - Annual Reports	7	
Faculty of Revelle College		
Amendments to Regulations	15	
9. Reports of Special Committee		
10. Report of Executive and Policy Committee		
11. Reports of Other Standing Committees		
Educational Policy and Courses		
Amendment of Regulation §500(B) - I Grade	6	5 min.
Annual Reports		
Community Environment	8	
Educational Policy & Courses	10	
Research	13	

12. Reports of Faculties

Faculty of Revelle College

Change in Academic Master Plan

16

10 min.

13. Petitions of Students

14. Unfinished Business

15. University and Faculty Welfare

16. New Business

* Approval of all business on the Consent Calendar requires a single unanimous vote. At the request of any Division member, any such Calendar item must be deferred until consideration of new business.

Russell F. Doolittle, Vice Chairman

October 18, 1977

October 25, 1977

REPORT OF THE EXECUTIVE AND POLICY COMMITTEE

The Executive and Policy Committee recommends approval of the following proposed amendment to San Diego Division By-Law §180. The proposed change is necessary due to the establishment of the new Committee on Planning and Budget, which now represents the Division in budgetary matters. Deletions are ~~crossed out~~. Additions are underlined.

§180. Academic Personnel.

- (A) This Committee shall consist of six to eight ordinary members of the Division holding tenure rank, except that no officer of the Administration shall be eligible to serve. The members shall not include the President of the University, the Chancellor at San Diego, the University Librarian, the Registrar, any Vice Chancellor, any Dean or Assistant Dean, any Provost, any Director, nor any Department Chairman. [Am 19/24/72]
- (B) ~~This Committee is authorized to represent the Division in conferences with the President of the University and the Chancellor at San Diego concerning the University budget, and to make recommendations with respect to appointments, promotions, salaries, equipment, space, and any other matters related to the budget.~~
- (1) This Committee is authorized to represent the Division in making recommendations to the Chancellor concerning appointments, promotions and related matters.
- (2) This Committee confers with and advises the Chancellor and other agencies on general policy relating to academic personnel.
- (3) This Committee, in its annual report to the Division, shall state the extent to which its recommendations on all these matters have been accepted by the University Administration. This statement shall be sufficiently detailed to inform the Division of the effectiveness of the Committee as a liaison between the Division and the Administration.

The Executive and Policy Committee recommends approval of the following amendments to the By-Laws of the San Diego Division to allow for alternates to the Divisional Representatives to the Assembly of the Academic Senate (statewide):

§25. Chairman of the Division.

- (B) In addition to the duties and authority prescribed elsewhere in these By-Laws, the Chairman shall have the following duties and authority:
- (8) He shall serve as an ex officio member of the Assembly of the Academic Senate and of the Academic Council of the Assembly.
[See SBL §50(C) and §80(A).]

[Note: SDDBL § 30(B)(1) implies that the Vice Chairman is, in effect, the alternate for the Chairman in each of these duties. This is consistent with the SBL §§ cited.]

§ 35. Divisional Representatives.

- (A) The number ~~and terms of office~~ of the Divisional Representatives to the Assembly of the Academic Senate are established by the Academic Council in accordance with the By-Laws of the Academic Senate. [See SBL § 50(D).]
- (B) The term of service of a Divisional Representative shall begin on September 1 immediately following the Division meeting at which his election is announced and shall terminate on August 31 two years later.
- (C) Each Divisional Representative shall have an alternate whose term coincides with the term of the Representative.
- (D) Divisional Representatives and their alternates shall be elected and appointed in the following manner:
- (1) Each spring a mail ballot election shall be held in accordance with § 115 of these By-Laws and in time to be reported at a regular meeting of the Division in May.
 - (2) In an election of one or more Divisional Representatives, each voting member shall have one vote for each Divisional Representative to be elected. The voter may not cast more than one vote for any candidate. Those candidates receiving the largest number of votes will be elected Divisional Representatives. The Vice Chairman will appoint alternates to the elected Representatives from those candidates who receive the second highest pluralities. Ties shall be decided by lot.
- (E) The Representatives shall represent in the Assembly of the Academic Senate what they construe to be the best interests of the University, the Senate, and the Division. They shall convey to the Assembly any recommendations or requests made by the Division, and shall report to the Division any actions or deliberations of the Assembly which they believe are too urgent to await publication in the minutes of the Assembly.
- (F) The alternate for a Representative may take the place of the Representative, with the authority and responsibility of the Representative, at those meetings of the Assembly which are not attended by the Representative. [See SBL § 50(D) and its interpretation in Legislative Ruling 4.71.]

The Executive and Policy Committee recommends approval of the following proposed By-Law amendments to place authority for conducting elections and mail ballots in the office of the Vice Chairman. It does not seem necessary to have these procedures further supervised by a committee. In addition, these changes bring the By-Laws into conformance with actual practice.

§115. Procedures for Elections and Mail Ballots.

- (E) The Vice Chairman shall deliver the ballots received by him to the ~~University-Welfare-Committee~~ Office, which shall proceed to count them, and within ten calendar days certify the results to the Vice Chairman of the Division. The Vice Chairman shall announce the results of the election at the next meeting of the Division.
- (F) Members of the Committee on Committees are elected in the manner described in §185(B). Members of the Executive and Policy Committee are elected as described in §215(B). Divisional Representatives are elected in the manner described in §35(D). Other candidates are elected if they receive a majority vote on the first ballot.
- (G) ~~The University-Welfare-Committee shall have the power to appoint such additional tally clerks as may be necessary properly to count the votes cast.~~
- (G) ~~(H)~~ If under these By-Laws a meeting of the Division instructs the Vice Chairman to put a measure to mail ballot, ... All ballots received within ten days of instruction of the meeting shall be delivered by the Vice Chairman to the University-Welfare-Committee-Office, which shall count them and report the results to the Vice Chairman of the Division within twelve days of instruction of said meeting.

§30. Vice Chairman (Chairman Designate)

- (B) the Vice Chairman ... shall have the following duties and authority:
 - (6) ~~Under the supervision of the University-Welfare-Committee of the Division~~ In accordance with other By-Laws [see especially §115], he conducts all elections and other mail balloting in the Division.

§265. University Welfare.

- (B) The University Welfare Committee shall ~~have the following duties:~~
 - ~~(1) - It shall~~ report to the Division from time to time on matters of university welfare not assigned to other standing committees of the Division.
 - ~~(2) - It shall set the dates for and supervise all elections of the Division, according to the procedures set forth in §115 of these By-Laws.~~

The preceding legislation has been reviewed by the chairman of the Committee on Rules and Jurisdiction and found to be consonant with the Code of the Academic Senate.

October 25, 1977

REPORT OF COMMITTEE ON EDUCATIONAL POLICY AND COURSES

The Committee on Educational Policy and Courses recommends amendment of Regulation §500(B) to change the time span for the completion of an Incomplete grade from a time agreed upon between the student and instructor to a time agreed upon between the student and instructor but no later than the last day of finals week of the following quarter. This change was requested by the Council of Provosts.

PRESENT WORDING

§500. Grading Policy

(B) The I Grade

- (1) The grade I may be assigned to a student's work when the work is of non-failing quality, but is incomplete for good cause (illness, for example).
- (2) For an undergraduate student, an I grade may be replaced upon completion of the required work by a date agreed upon with the instructor. If not replaced by this date, the I grade will lapse into an F grade. A written record of the agreement between the instructor and the student will be kept on file in the Registrar's office.
- (3) For a graduate student, an I grade may be replaced upon completion of the required work by the last day of instruction in the following quarter. If not replaced by this date, the I grade will lapse into an F grade.
- (4) Except as provided under Academic Senate Regulation 634, the I grade shall be disregarded in determining a student's grade-point average.

PROPOSED WORDING

§500. Grading Policy

(B) The I Grade

- (1) Same
- (2) Delete
- (2) An I grade may be replaced upon completion of the work required by a date agreed upon with the instructor, but no later than the last day of the finals week in the following quarter. If not replaced by this date, the I grade will lapse into an F grade.
- (3) Same as present (4)

This legislation has been reviewed by the chairman of the Committee on Rules and Jurisdiction and found to be consonant with the Code of the Academic Senate.

October 25, 1977

REPORT OF THE COMMITTEE ON RULES AND JURISDICTION

In order that the annual reports reflect the deliberations of the Divisional committees for their entire year of service, the Committee on Rules and Jurisdiction recommends that the By-Laws be amended to allow the annual reports to be presented at either the last meeting of the year or the first meeting of the following year.

Present Wording

§40. (C) There shall be at least one regular meeting in each quarter except the summer quarter, and one of the regular meetings in the spring quarter shall be in May. At this May meeting the standing committees shall present their annual reports to the Division. All other meetings of the Division are special meetings unless early in the autumn quarter the Chairman has scheduled them and designated them as regular meetings.

Proposed Wording

§40. (C) There shall be at least one regular meeting in each quarter except the summer quarter. All other meetings of the Division are special meetings unless early in the fall quarter the Chairman has scheduled them and designated them as regular meetings.

Proposed New By-Law

§137. Each standing committee shall present an annual report to the Division including a summary of its work during each academic year. These reports may be presented at either the last regular Division meeting of the reported academic year or the first regular Division meeting of the next academic year.

Alfred B. Manaster, Chairman

ANNUAL REPORT
COMMITTEE ON COMMUNITY ENVIRONMENT
1976/77

Submitted May, 1977 (not in time for inclusion on May agenda):

This year, as last year, our principal activity had to do with developments involving La Jolla Village. There has been an active discussion as to whether 400,000 square feet of a Specialty Center (May Company) is in the interest of the University; there has been no disagreement that 175,000 square feet for a Convenience Center should be supported.

In response to the discussion at CUCP, Vice Chancellor Clifford Grobstein did express himself in December, 1976, against the endorsal of the proposed Specialty Center. I would like to include his statement for the record:

We cannot, however, endorse the proposed Specialty Center. Although innovatively designed and internally sound in its conception it does not seem appropriate as an element of La Jolla Village. From the point of view of the campus community the facilities provided are superfluous, especially with availability of the University Town Center not too far away. Together with the Town Center, the proposed Specialty Center will create a major regional merchandising focus that will dilute and destroy the hoped for university community character.

Moreover, we cannot see such a major merchandising increment as consonant with either the University Community Plan or the earlier concept of La Jolla Village on which its zoning was based. Both of these visualized an intimate and self-contained "village center" with mixed functions. The proposed Specialty Center clearly is intended to serve a far larger market area, essentially the same as that of the Town Center. Such a regional facility at this particular site seems certain to create severe traffic congestion, especially at the intersection of Villa La Jolla and La Jolla Village Drives, but also on the streets of La Jolla Village itself. The effect will be to change the planned character of La Jolla Village from primarily residential and secluded to strongly commercial and congested. In the process, it is likely to displace other desirable land-uses in the Village, including park and recreational space and additional balanced residential construction. Our concern with this possibility is great because, over the years, we see the Village as increasingly important to the campus community, both for close-in housing and for services.

However, on 23 March the position of the University Administration was altered in accordance with the following statement, again by Vice Chancellor Grobstein.

The modifications do not substantially alter other concerns expressed in our letter of December 7. Those concerns persist and we therefore cannot endorse the Specialty Center. We do, however, withdraw our recommendation that the Commission disapprove it.

Here Vice Chancellor Grobstein was referring to a reduction in requested space from 575,000 to 500,000 square feet and some added student and staff housing.

The City Planning Commission subsequently approved the developer's plan.

Our Committee still opposes the Specialty Center. Accordingly, we met with the Executive Committee on 12 April to explain our position and to request their support. The support was granted.

In a subsequent meeting on 14 April, the CUCP, which had previously split its vote on this issue, came out opposing the Specialty Center. This position was confirmed at the 2 May meeting of the CUCP by a vote of 7 to 2, those opposing consisting of members of the Administration.

Members of the La Jolla Town Council have appealed the approval of the City Planning Commission, and this appeal will come before the City Council on 8 June. At this time the official University position concerning this appeal is not yet known. Should the University decide to remain with its previous position and thus not support the La Jolla Town Council in its appeal, this Committee is now prepared to support the La Jolla Town Council at the forthcoming hearing. We would make it very clear that we speak for the Committee and not for the Administration of the University.

Update, submitted in October, 1977:

The hearing before the City Council was held on the 8th of June. The Specialty Center was approved by the City Council, in spite of recommendation by the La Jolla merchants and other civic groups. I spoke briefly on behalf of the UC faculty.

Respectfully submitted,
Walter H. Munk, Chairman

ANNUAL REPORT
COMMITTEE ON EDUCATIONAL POLICY AND COURSES
1976/77

I want to use this report as a way of indicating to the Senate the primary issues which CEP has considered during the academic year 1976-77, issues that are emerging at the horizon and topics which are still held over for the new CEP of 1977-78. As usual, a good deal of the work of CEP consists in dealing with very specific requests for exemptions from existing rules, changes in programs, and new programs. We acted upon a number of these, such as requests for exception to the undergraduate apprentice regulation (the 195 series), the request of the Political Science Department for inauguration of an honors program, and the proposed ORU for alcohol research. All of these are spelled out in the accompanying list. A number of the individual issues, however, can be grouped in such fashion as to bring out some of the underlying problems which we as a university face and which are likely to emerge again.

One of these is the continuing pressure on departments to utilize non-instructional resources for purposes of meeting program needs. As a consequence, pressures on our system of credits and grades reach CEP as matters to be acted upon. For example, during 1976-77 we spent a considerable amount of time on the question of the offering of certain University Extension courses for UCSD undergraduate degree credit. This has emerged as the system of concurrent enrollment in regular UCSD courses for students under the Extension auspices has been "paid for" by allowing the same number of UCSD undergraduates to enroll in Extension courses without paying a fee. It provides a means for some hard-pressed departments to utilize some Extension courses for degree credit.

The same problem of resources underlies several specific issues we have had on the 195-196 series. A number of requests reached the Committee in which departments or students were requesting grades in courses otherwise designated P/NP as a means of meeting needs for instructional services. As a consequence, we have become aware of the University's growing tendency to utilize non-regular appointees for purposes of teaching in both formal and informal means. I refer here specifically to the instructional apprentice program, the use of student tutors in OASIS (Office of Academic Support and Instructional Services), and Extension courses offered for UCSD degree credit. This entire problem needs a good deal of further study, and CEP in 1977-78 will begin this task by a closer look at OASIS. We recognize, of course, that the instructional apprentice program is not "teaching" in its usual meaning, but the increasing use of instructional apprentices is a new approach and other than that of the Teaching Assistant.

CEP during the past year also considered a number of issues which emerged largely at all University levels and have come to us through the University Committee on Educational Policy. The most important of these were the "University of California Libraries: A Plan for Development" and the undergraduate admissions reports of the Task Force on Admissions and of the Board of Admissions and Relations with Schools. We voiced a vigorous protest against the library plan which was part of

a general protest that this campus waged and which has had some success, at least in the more recent revisions of that library plan. On the undergraduate admissions report, we called the attention of the Division to the issue and recommended a delay. Although we were more responsive to the BOARS report than the Task Force, we felt that the BOARS report lacked sufficient attention to the problem of minority enrollments. The problem is still one on which the University has not taken a fully definitive position and will emerge again in the next year.

Probably the most significant issue to emerge before the CEP has been the problem of grades appeal procedures. After studying it, we felt the issue so crucial to the total campus, involving so many different interests, and so much of legal knowledge that we recommended to the Senate Chair that a major ad hoc committee be established to develop grades appeal procedures.

A second highly significant issue has been the development of a general mechanism for the Senate to relate to the process of planning and program allocation of UCSD. The CEP Subcommittee on Academic Planning, chaired by Herbert Stern this year, has felt that its interpretation of its charge as primarily long range planning does not permit it adequately to deal with the implications of the annual process of budget allocation in ways which would give the planning process reality. In turn, the CEP has felt that the present method of CEP participation in the budget allocation process is unworkable. As that process has become of major significance on the campus, it is too important to be the Senate province of an already overworked committee concerned with matters of educational policy. Accordingly, we have recommended, and the Senate has approved, the establishment of a permanent standing Committee on Planning and Budget which would replace the CEP Subcommittee on Academic Planning. It also suggested, and it has been approved, that the present Budget Committee be changed to the Committee on Academic Personnel.

During 1975-76, CEP recommended and developed the inauguration of a system of undergraduate program reviews. These were begun during 1976-77. The usual barriers to the smooth functioning of plans prevailed. The committees were formed to review the Department of Chemistry and the Communications Program. These are now preparing their reports and they will be completed early in 1977-78. We viewed this year as a trial period and the new CEP will review our current procedures for such operations. Hopefully, we will be able to have a smooth-flowing procedure and review 3 or 4 programs per year in the future.

We are aware of a number of pressing problems, both at the UCSD and at the University of California levels that will occupy the attention of the Senate during the coming year. I have tried to indicate several of these. Just to conclude, let me thank the Senate for their help in listening to our proposals and discussing them, Herb York for his overall guidance, and especially Lynn Harris, without whom nothing would ever get done.

A list of items considered by CEP during 1976-77 follows:

Requests for Exception to Undergraduate Instructional Apprentice Regulation (195)
Undergraduate Program Review
University Extension Courses Offered for UCSD Undergraduate Degree Credit
University Calendar (Semester vs. Quarter)
Political Science Departmental Honors Program
Charge to and Appointment of Review Committees
Department of Visual Arts (University Extension Art Courses at X100 Level)
P. E. Courses for Credit
P/NP Grading in Language Courses
Chancellor's Advisory Committee on Instructional Improvement Programs
Proposed Center for Alcohol Research
Earth Sciences - Mathematics Program
Definition of Procedural Error
Grade Appeals Procedure
Student Representation
Changes in Drama Major
Honors
Report on Remedial Education
Change in Grading Policy - P/NP and S/U (proposed by Graduate Council)
Cross-Listing of Courses
"The University of California Libraries: A Plan for Development"
APIS Major in Engineering Physics
Muir College Minor
Minimum Progress Policy
Review of Institute for Information Systems
Abuse of Incompletes and Proposed Change in Regulation
Undergraduate Admissions (Task Force Report and BOARS Recommendations)
OASIS (Office of Academic Support and Instructional Services)
Change in Special Studies Courses Procedure (requires Provosts approval now)
Major in Literature/Writing
Discontinuance of Programs
Plagiarism

Respectfully submitted,

David K. Crowne
Walter Kohn (Fall)
Stanley E. Mills
Gananath Obeyesekere
Michael E. Parrish, Vice Chairman
Helmut Rohrl
Lu Jeu Sham (Winter, Spring)
Herbert Stern
Joseph R. Gusfield, Chairman

ANNUAL REPORT
COMMITTEE ON RESEARCH
1976/77

The membership of the Committee on Research has been increased to six, plus members from SIO and the School of Medicine, as well as the Dean of Graduate Studies and Research, ex officio. The members from SIO and the School of Medicine help to set policy, and chair separate subcommittees to make awards within their respective schools. The increased membership has permitted a broad and balanced coverage, and the Committee has achieved a consensus on policy and general agreement on awards.

As shown in the attached Financial Report, the Committee's total budget was \$291,461. This represents an increase over the previous year of \$53,791, including a permanent increase of \$15,630. The increase raises the average level of support to \$420 per faculty FTE. This figure represents a considerable increase over recent years. However, it is only slightly more than the allocation per FTE in 1971-2, and it is clear that the Committee's allocation has not kept pace with inflation. As can be seen in the Financial Report, demand for travel funds has been especially intense. We view the increased demand as evidence of the productivity and eminence of our faculty, and we hope for increased allocation in future years.

The Committee has extensively revised the Policy and Procedure Manual so as to define our policies for making awards, as well as the responsibilities of the grantee. The Committee reaffirms its policy of giving priority to meaningful new projects, especially by junior faculty and recently arrived faculty. We have been pleased by the many instances where small starter grants from the Committee have enabled researchers in both the sciences and the nonsciences to obtain extramural funding.

Respectfully submitted,

Division Committee

William F. Loomis, Jr.
Elissa L. Newport
Ram Ramanathan
John J. Silber (S)
Zeno Vendler
Manuel Rotenberg, ex officio
Robert Erickson, Vice Chairman (F, W)
Charles L. Perrin, Chairman

School of Medicine Subcommittee

Eugene F. Bernstein
Harry G. Bluestein
Robert N. Hamburger
Robert Resnik
Stewart Sell, Chairman

SIO Subcommittee

D. John Faulkner
Thomas H. Jordan
John T. Enright, Chairman

COMMITTEE ON RESEARCH

FACULTY RESEARCH GRANTS AND TRAVEL AWARDS

COMPARISON OF FISCAL YEARS 1975-6 AND 1976-7

	Number Requests	Increase over 75-6	Amount Requested	Increase over 75-6	Number Awards	Increase over 75-6	Amount Awarded	Increase over 75-6
RESEARCH: (includes E. C. Anthony Fund)								
General Campus Awards to departments	139	22%	\$383,723.00	48%	93 +14	9%	\$110,778.00 + 55,363.00	26%
Health Science	49	2%	150,027.00	-6%	39	25%	67,760.60	35%
Marine Science	16	14%	35,283.00	45%	13	18%	18,120.00	0
Totals:	204		\$569,033.00		159		\$252,021.00	
Comparison of totals w/75-6		16%		28.5%		14%		26%
TRAVEL:								
General Campus	159	59%	\$79,096.00	105%	120	29%	\$47,348.00	55.5%
Health Science	44	22%	25,332.00	91%	27	0	11,018.00	28%
Marine Science	11	0	4,323.00	30%	8	0	3,697.00	57%
Totals:	214		\$108,751.00		155		62,064.00	
Comparison of totals w/75-6:		38%		97%		14%		50%

List of all equipment

the current state of repair

the disposition

Cartridge is missing from turntable

on 126 —

October 25, 1977

REPORT OF THE FACULTY OF REVELLE COLLEGE

The Faculty of Revelle College recommends approval of the following amendments to the Regulations of the San Diego Division. These amendments have been approved by the Revelle Faculty and would bring the Regulations into conformity with the Academic Master Plan of Revelle College. The changes in the Academic Master Plan have already been approved by the Committee on Educational Policy and the San Diego Division.

Delete words indicated by strike overs. Add words which are underlined.

§605. Academic Requirements of Revelle College.

(B) General Requirements

- (1) Revelle College students are required to demonstrate an acceptable level of basic knowledge in the humanities, fine arts, social sciences, language, mathematics, and the physical and biological sciences. ~~before entering a major academic field for specialization during the junior and senior years. Transfers must complete the general requirements by graduation.~~
- (2) The General Requirements are:
 - (a) ~~Six courses in the Humanities and one course in Fine Arts.~~ A three course sequence in an interdisciplinary Humanities program including three laboratories in writing and rhetoric.
 - (b) One course in the Fine Arts.
 - (b) (c) Three courses in Mathematics to include integral and differential calculus, and linear algebra.
 - (d) ~~Three courses in one Social Science.~~
 - (c) (d) Five courses in the Physical and Biological Sciences to include at least four quarters of Physics and Chemistry, and one quarter of Biology.
 - (e) Verbal and reading proficiency in a modern foreign language, or successful completion of a modern or classical language course approved for this requirement.
 - (f) Three lower division courses in the Social Sciences. At least two of the courses must be in one social science sequence.
 - (g) Three additional courses in the Humanities or the Social Sciences, satisfying either of the following requirements:
 - (i) A three course sequence in an interdisciplinary Humanities program or a departmental sequence which has been approved for this requirement.

How much recording
is done in 206?

Divide 206 with acoustic isolation

CCTV

Student access facility quality listening & dubbing
B108

151 Develop

How often are tape labs used? 4 weeks?

Overall Plan - Proposal

what the program could become -

Problems - use of instrument requires TAs -

interface to student made devices

students plugging in own devices

necessitates technician -

How will students get the electronics background?
So it academic?

Circuit design club - space - invited visitors -

call Buchla

Introductory courses to studios

Microprocessors -

(ii) Three lower division Social Science courses. At least two of these courses must be in a different social science from that used on (f) above. Students electing this option must present at least two courses in each Social Science selected.

(C) Graduation Requirements

(2) ~~The major shall consist of a minimum of twelve (12) upper division courses. However, the department may require up to fifteen (15) courses in the major, the courses to be taken in the department or in related fields.~~ A major shall consist of not less than 12 nor more than 15 upper division courses, except that a departmental major may be increased by 3 additional upper division courses in related electives.

(3) ~~The minor shall consist of a coherent grouping of six (6) courses in an area of studies other than that of the major. For the purposes of this requirement, the humanities, the social sciences, and the natural sciences (including mathematics) will be considered three different areas. No more than three (3) lower division courses may be included in a minor program.~~

Non-Contiguous Courses

In addition to the major, students shall complete six courses in an area of studies other than that of the major. For the purposes of this requirement, the humanities, the social sciences, and the natural sciences (including mathematics) will be considered three different areas. At least three of the six courses must be at the upper division level.

The preceding legislation has been reviewed by the chairman of the Committee on Rules and Jurisdiction and found to be consonant with the Code of the Academic Senate.

The Faculty of Revelle College recommends approval of the following amendment to the Academic Master Plan of Revelle College. The proposed change was considered and approved by CEP in May, 1976, before presentation to the Division on May 25, 1976. It was withdrawn from consideration at the May 25 meeting.

Language

The language requirement may be satisfied by any of the following:

1. Demonstration of oral proficiency and a satisfactory score in a standard language examination, -OR-
2. A passing grade in Literature 10 in a modern foreign language or its equivalent course in a classical language, -OR-
3. Completion of Language 4 with a grade of "B" or better or successful completion of language sequence 4, 5, and 6 Language 5 or 6.

Pittenbach 104

Problems - Schedule

Current needs

Future

210 not available to students

8150 } inadequate listening spaces
122 }
127 }
125 }

8152 wow recording

125 playback levels
not equal -

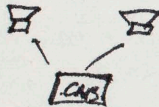
5 projects

Equipment needs

Listening space

move speakers

move equipment cabinet



Right now

Students are intimidated
afraid to ask

Maintenance of multiple usage

Technician should take
initiative - to keep these
routinely in shape

more rug + drapes

critical listening

Judgments -

Recommendation

Test recording - Test all functions

Reasonable Priorities

I class room use

II preparation of material

Studio

III facilities improvement
and Faculty research

B206

Nov. 21 + 28

6:30 - 9:30

6 hrs according
to jazz ensemble
rehearsal time
with advance

Maintained
perfect

8150

152

202

Portable Tape Recorder PR10

not pioneer

Tascam mixer

set of Hi Fidelity Headphones

CONTEMPORARY MUSIC

with Music Department faculty and student artists

Saturday, May 28, 1977
8 o'clock
Mandeville Recital Hall

THREE SHORT PIECES (New York 1977)

Mel Graves

Mel Graves
Bertram Turetzky bass
Dennis Woodrich

STABILE (1976)

Paul Paccione

Jean-Charles François, vibraphone
Molly Lash, B^b clarinet
Terry Setter, guitar

UN TOMBEAU DE COCTEAU

Wilbur Ogdon

Beverly Ogdon, soprano
Tamas Ungar, piano

PLATEAU IV

Mel Graves

Bernard Rands - conductor

basses:

Tom Bishop
Preston Croxton
Bert Turetzky

electric bass:

Nathan East
Dennis Woodrich

percussion:

Joel Bluestone
Jean-Charles François
Owen Goldman

cellos:

Peter Farrell
Lorie Kirkell
Marc Staniforth

INTERMISSION

GRANDE ETUDE POUR PIANO

Jean-Charles François

Jean-Charles François, piano

Dubbing-Editing Facility / Archive listening \$4000

SPECTRUM
ANALYZER
\$6000

Music 1 Stations 2 more
other possible sources maybe

for analysis
speech
music

Replacement Revox 1000

Wiring project other funding?

Investigate Ed-Surplus for used equipment

Also other and hand -

Purchasing help - avoid slow process -

Microprocessor \$600
and associated stuff

Quarter track tape machine for B108

Performance Electronics -
DBX

Studio re performance

John Silber

Schematics for 100 Series -

Vandalistic behaviour towards equipment

350
6
2100

TO: ALL MUSIC FACULTY AND GRADUATE STUDENTS

Members of Music 104B - the recording techniques class - are now available to record Music Departmental ensembles. Very shortly the control room between B150 and B152 will be operational. This will allow recording from these rooms with the proper acoustical isolation between performers and recording equipment. B150 will now be available to ensembles for use while recording. While Music 104 students may record in any room with an equipment cabinet (with the faculty person present in B210), it is strongly urged that ensembles record in B150 or B152, as these rooms will provide much better facilities for recording.

The procedure for individuals or ensembles wishing to be recorded is to leave a note in my mail box describing the music to be recorded, and the name and phone number of a contact person. I will assign Music 104B students who will make contact and mutually arrange for time and room scheduling. The musicians must supply the recording tape (Scotch 206 only!).

I hope that many UCSD musicians will take advantage of this opportunity to hear themselves on tape.

Bruce Rittenbach
January 12, 1987

Minutes of Graduate Tape User's Club Meeting

On June 30 at 1:00, the Graduate Tape User's Club met in B-108 and discussed the following matters :

CONDITION OF EQUIPMENT - It was noted that several improvements had been made in the studio since Fall quarter including : cleaning and relapping the heads of all three tape machines, marked reduction of general system noise (both of which contributed to better quality recordings), a temporary replacement for a defective monitor amplifier which is being repaired, and new, movable, stands for all four monitor speakers. An appreciation of these improvements was expressed by everyone.

AKG REVERB UNIT - which had been on loan to CME was returned to the Graduate Studio, though not installed yet. It is hoped that this can be installed soon, reducing the immediate need for the repair of the Fairchild reverb.

MICROPHONES - it was noted that there is a signal mismatch between the microphones in the studio and the mixer through which they are connected. This matter is to be investigated.

NEW DEVELOPEMENTS - Roger Reynolds has been designated the Faculty Coordinator for B-108. His primary interest is the control of unwarranted access to the studio (by non-students and students not registered in courses requiring its use). Pauline Oliveros is still the faculty advisor for the studio, and all problems and requests, other than student access, should be directed to her.

B-151 FACILITIES - Facilities have been set up in B-151 for student recording projects out of B-150 and B-152. This is primarily

designed for Music 104 students, but other qualified students may also request time in the facilities.

REARRANGEMENT OF EQUIPMENT - It was decided that a rearrangement of the equipment in the studio is advisable. Changes include : creating visible access to the open area of the studio for live recording and classroom use of the facilities, moving the tape machines near the window overlooking B-210 (in anticipation of recording trunk lines to B-210), and moving the equipment rack between the two synthesizers. It was also noted that any sound-proofing materials which could be obtained would improve the quality of the live recordings done in the studio. It was decided that the user's would meet at 11:00 Sunday Feb. 5 to rearrange the equipment.

EQUIPMENT - It was decided to request from this year's equipment fund an eight-input four-output mixer, as the studio's mixing capabilities are far below the level of the other equipment in the studio. Additional requests from next year's fund were also discussed. A specific request for equipment from both this year's and next year's funds is forthcoming.

Robert Goold

Graduate Representative

Feb. 3, 1978

Graduate Studio User's : News

THE 4-Channel tape machine and both Bode filters will be removed from the studio from 1:00 to ? on March 6th and 9th for rehearsals of Russ Lieblich's orchestra piece.

THE MUSIC Department is still looking for a new faculty member for next year to oversee the recording and tape studios. This may affect decisions on new equipment as the new faculty member might want to give input on that matter.

B-151 - Access to the recording facilities in B-151 by qualified students may be requested of Bruce Rittembach. It should be understood that 104 students receive higher priority for the facilities. It would be appreciated if 104 students could participate as much as possible in non-104 projects. This will give them additional experience, and possibly give additional recording ideas for the projects.

B-210 RECORDING TRUNK LINES - Installation of recording trunk lines between B-210 and B-108 are being delayed for two reasons :

- 1) The job is very involved, as the lines are only half in now and not connected at all. Because of maintenance priorities (see below), such a major project has to be delayed until a large block of time is available, probably this summer.
- 2) The trunk lines are being funded as part of a larger project including a projection screen and light shades for B-210. Funding for the project is still pending.

PRIORITIES - for those unaware of maintenance priorities, as they now stand, they are :

- 1) Classroom facilities.
- 2) Tape Studios (B-104, B-108, B-124, and B-151)
- 3) Facilities Improvement

MICROPHONES IN B-108 - As mentioned in the minutes of the Jan. 30 meeting, problems with level mismatch between the microphones in B-108 and the Ampex mixer through which they are connected have been noted. The problem actually exists in the output of the mixer. This should be corrected shortly after the equipment rearrangement is completed. Also to be done shortly after the move is the mounting of the MacIntosh amplifiers in the Fairchild Reverb rack.

Robert Goold
Graduate Representative

For 104

Job Description
for Technicians

- ✓ Bergamo
- ✓ Pittenbach
- ✓ Gross
- ✓ Erickson
- ✓ Rands

Toscam
PR 10

Quality headphones

more speakers + cabinet in B150

Nov 21 - 28 6:30 - 9:30

need 6 hours according
to rehearsal time of Jazz Ensemble

- Maintenance Priority

6 classrooms

I All Classroom Equipment

All Equipment used in preparation

of class room materials (Faculty Office)

Franklinville Emergency

II Studios B108 - B124 - B104

CME Emergency

Facilities improvement

Temporarily
Take it off
of George's back

Individual Research - Faculty - Student

(Consultation Technical Assistance)

When does CME fit?

Spell out needs
for roll around system
not for classroom structure.

need back-up
from office.

Work study
to do -

(Continue check
of all functions)

needs set
of spares

021 0916 B-026
MISS PAULINE OLIVEROS
MUSIC
122 MDVL CTR

NOTICE

SAN DIEGO: STAFF PERSONNEL OFFICE

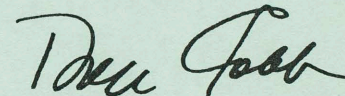
September 27, 1977

KEY ADMINISTRATORS/KEY SUPPORT STAFF (021)

SUBJECT: Revised Layoff Policy Familiarization Workshops

The Staff Personnel Office will conduct familiarization workshops to acquaint key administrators and the key support staffs, as well as any supervisors who may wish to attend, with the changes effected by the issuance of the revised Layoff Policies.

The workshops will be offered two times - once on Wednesday, October 12 and again on Thursday, October 13, from 10:30 until approximately noon, in Conference Room 111A. Attendees should bring their copies of the Layoff Policies, 250-720 and 760.



Dale Cobb
Personnel Manager

Time Problems

Ordering - sometimes 4 hrs. for 1 order -

Secretary for George - 50%

Paperwork aspects of orders 2 hrs a day

follow up

filing - Technical Background

Policy statements

Dictation - Transcribing

~~The~~ Supplementing records
which we now don't keep
Inventory

Archives

Why is Paul 85% time? He should be 100%

002 0930

B-026

ACADEMIC SENATE, SAN DIEGO DIVISION Q-002

MISS PAULINE OLIVEROS

MUSIC

122 MDVL CTR

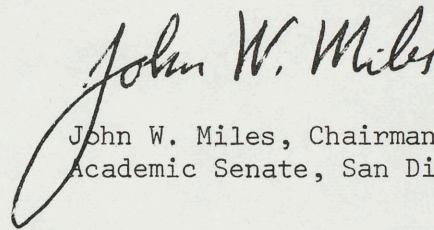
October 20, 1977

ACADEMIC SENATE MEMBERS, San Diego Division

Subject: Impending Changes in Mandatory Retirement Age

Recent legislation, just established by the Legislature and pending in Congress, foreshadows significant changes in the mandatory retirement age for members of UCRS. Perhaps the most likely outcome will be a postponement of that age from 67 to 70; this would affect each of us individually and would have profound implications for faculty demography and for the prospects of minority and female aspirants to our ranks.

I will review legislative and other current (University Hall and Regental available) statements on the retirement problem at Tuesday's (October 25th) meeting of the Division; meanwhile, I suggest that each of us consider both possible and desirable solutions of that problem. I also call to your attention the incisive editorial "Facing up to demography" in the October 6th issue of *Nature* [269 (1977), 457].



John W. Miles, Chairman
Academic Senate, San Diego Division

cc: John Galbraith
Divisional Chairs

Enclosure

work study to check functions + clean shops
1 hour training + selection by George
Work shop to train Musical TAs
2 to 3 hours
close to time before project begins.

Age of equipment is a major cause of
malfunctions.

nature

6 October 1977

Facing up to demography

THE United States is gradually, if painfully, coming to grips with the problems of discrimination within its society. Most liberal-minded people have gone along with much that has been done in the past fifteen years, even when initial efforts to reduce discrimination have not been sophisticated or quick-footed enough to avoid charges of reverse discrimination, as in the case of Allan Bakke, a white student with good grades excluded from the medical school of the University of California at Davis. Racial minorities, women, the handicapped—these are causes with which very few would disagree. But scientists, in particular, are having very mixed feelings about the plight of those most recently claimed to be discriminated against—the elderly.

A bill that has just passed through the US House of Representatives with negligible opposition would prohibit mandatory retirement in private employment before the age of 70, and would prohibit mandatory retirement in the federal sector at any age (with exceptions such as the police and firefighters). At present private employers may retire their staff at 65, the federal government at 70. These moves came about for two reasons, both connected with demographic changes which are progressively peopling the United States with older citizens (23 million are 65 or over at present, and 31 million are expected to be so by the end of the century). First, the burden of social security payments is going up, yet the numbers of new workers is going down as the birthrate declines, so there are good actuarial reasons for wishing to postpone retirement. Second, the elderly are rapidly becoming a potent political force, of which politicians are becoming increasingly aware.

The bind for scientists is this: that deep concern was already being expressed before the retirement bill ever surfaced over the way that university faculty employment was moving towards a crisis. In 1979 there will be 4.3 million American eighteen-year-olds, 60% more than in 1960. The course of university expansion in the 1960s ensured that these young people would be well catered for. But after 1979, the numbers will steadily decline until in 1990 there will be fewer than 3.5 million in this age bracket. Many universities will presumably have to go out of business and elsewhere faculty will have to be trimmed. Things look particu-

larly bad in the physical sciences; an NSF projection puts the number of faculty positions in 1985 at 25% less than the number in 1972. Nor can this attrition be taken care of solely by retirement. Vigorous recruitment over the past thirty years has ensured that there is a predominance of young to middle-aged faculty members at present. So the prospects for the post-doctoral worker looking to get a toehold on the academic ladder already seemed bleaker than ever before. Nor should the position of the scientist working for the government be reckoned to be very different. Federal agencies have often followed very similar employment policies to those of the universities.

The new retirement legislation would obviously compound these problems very seriously, so it is small wonder that academic employers have been lobbying hard for exemption this past week. They have so far met with some success in that the Senate Human Resources Committee, in endorsing the bill (which now goes to the Senate), has excluded universities from its provisions. But no one seems yet to have spoken up for the federal government laboratories, where scientists will, presumably, be able to go on working to any age they choose.

Even if universities do emerge from the legislation relatively unscathed, there will still remain the urgent question of diminishing job prospects for the young. Richard Atkinson, Director of NSF, has recently made some fairly radical proposals (*Chronicle of Higher Education*, 28 March). These are that the government should facilitate more mid-career shifts for those who wish to depart early; that research institutes should be established close to or within universities to which senior academics could move, devoting more of their time to research and passing their teaching load on to newly employed junior faculty; and that industry should take greater advantage of the basic-research skills of senior academic scientists in some form of joint venture.

All of these proposals are doubtless open to many and varied criticism, but we simply cannot afford the luxury of a lengthy and hair-splitting debate on the subject. Action is needed in the very near future, otherwise demography will be upon us and we will be responding to the crisis in an arbitrary way. That would lead to an even worse form of discrimination. □

WE'VE COVERED EVERY ANGLE



FILM CONTENT: 16MM Color-28 Minutes

FROM HEADS TO TAILS provides valuable information for both the film student and accomplished filmmaker. Besides covering a lab's standard operations, it explains new lab techniques and equipment, and how the filmmaker can work to achieve a better final product.

FROM HEADS TO TAILS shows general procedures of a modern film lab from the time the film enters customer service until the final release print.

STUDENT/INSTRUCTOR MANUAL

A detailed manual explaining lab techniques and procedures comes with each film. Additional manuals can be purchased for \$3.00 each.

COMMENTS FROM INSTRUCTORS AND STUDENTS

"The film provided a better understanding of some of the principles of filmmaking."

"I've never seen how a lab operated and I found the information beneficial"

"The film was impressive in content."

"The film, I think, covered all information that a novice should know."

"... was very informative."

"... broadened my perspective of production methods."

"I really enjoyed the film itself. It moved very well."

"It was put together very well."

"... the lab details were important."

PLEASE CHECK THE APPROPRIATE BOX AND RETURN IMMEDIATELY

I wish to rent the film for 5 days (cost \$50.00) RENTAL DATES _____

I wish to rent the film for 3 days (cost \$35.00) RENTAL DATES _____

I wish to preview the film for consideration of purchase for \$350.00.

ALL PRICES F.O.B. PITTSBURGH. RENTAL PRICE APPLICABLE TOWARDS PURCHASE PRICE.

Produced by
AMERICAN IMAGE
FILMS LTD.

Distributed by
**PRODUCERS
SERVICE CENTER**

Name and Title _____

Please Print

School/Institution _____

Address _____

City _____ State _____ Zip _____

FIRST CLASS
PERMIT NO.
14726

BUSINESS REPLY CARD

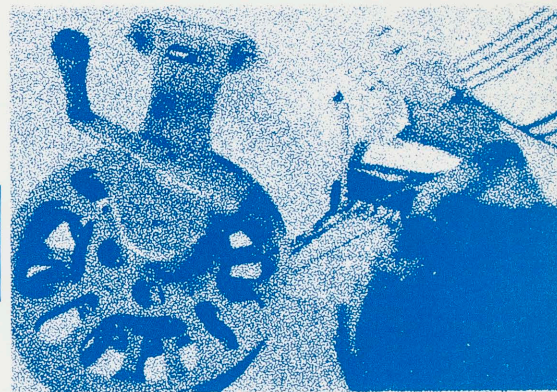
NO POSTAGE NECESSARY IF MAILED IN THE UNITED STATES

Postage will be paid by

PRODUCERS SERVICE CENTER

725 LIBERTY AVENUE
PITTSBURGH, PA. 15222

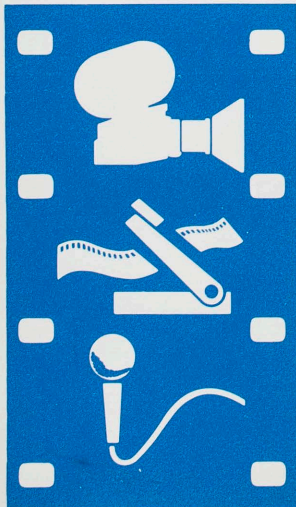
"Today more than ever, filmmakers need to know and understand what happens in a modern film lab and how it effects their work."



A FILM FOR FILMMAKERS

FROM HEADS TO TAILS

A FILM FOR FILMMAKERS



**PRODUCERS
SERVICE
CENTER**

725
Liberty Avenue
Pittsburgh,
PA 15222

BULK RATE

U. S. POSTAGE
PAID
Pittsburgh, Pa.
15222
Permit No. 2227

PAULINE OLIVEROS
DEPT OF MUSIC
UNIV OF CALIFORNIA SAN DIEGO
BOX 109
LA JOLLA CALIF

92037

January 19, 1978

TO: All Faculty
FROM: R. Reynolds
SUBJECT: Use of B-108 Studio

The Department Electronics Committee has determined that only students enrolled in Music 205, 203, and 299 may have keys to the B-108 studio. In the case of 203 and 299 enrollments, a key may be checked out only if the student's class teacher agrees that class projects require use of the B-108 facility.

The purposes of this policy are 1) to relieve congestion and thereby allow those with genuine need to do their work more effectively and, 2) to allow the Departmental technician to maintain the equipment properly.

Questions should be addressed to R. Reynolds.

RR/cm

1/24/78

Recording Policy for 1977-78

I. Concert Recording

All concerts presented by or in conjunction with the Music Department will be classified into one of three categories--these categories to be assigned by the faculty concert coordinator. The categories, with an explanation of their meanings and examples, are the following:

- A. Class I--faculty upon request will be recorded by recording staff for potential inclusion in the permanent archives. One other tape, as provided by performer or performance coordinator, will also be recorded simultaneously. Examples: faculty recitals, department ensembles, and certain performances and formal lectures by distinguished visitors.
- B. Class II--will be recorded upon request of faculty performer or sponsor, but no archive copy made. Tape must be provided by performer or concert coordinator. Examples: Atomic Cafe, special graduate composition recitals.
- C. Class III--will not be recorded by recording staff. Performers are free to make own recording arrangements, including contacting someone authorized to operate Music Department portable recording equipment, who may check these items out for that purpose. Example: noon concerts, student recitals, Chamber Music 130 concerts.

II. Tape copies/Dubbing

- A. For every concert which is recorded, one personal copy will be made if the performer/performance coordinator provides the necessary tape at least one week in advance. The appropriate request forms will be available in the Music Office.
- B. Additional copies
 1. Faculty will be allowed a maximum of two copies of their performances recorded by the department. (Tape to be supplied by faculty.) Additional copies will be charged at regular student rates.
 2. Students wanting additional copies of department performances in which they participated must provide tape and pay a fee based on operator's time.

III. Request Forms

For all concerts to be recorded whether upon performer's request or automatically, the performer/performance coordinator must fill out a form specifying the works to be performed and their timings. This should be given to the recording staff at least one week before the performance. Forms are available in a box outside B-206.

IV. Special Recording

At present, recording directly related to classroom and research needs are made to faculty members at no charge. In addition, advanced student recording projects related directly to course or thesis research are served by the recording staff on a no charge, time-available (lower priority) basis.

Recording projects using departmental equipment for commercial recording will not be permitted without special permission of the the department chairman. Using equipment for such purposes invites charges of conflict of interest; the department is presently seeking clarification of the rules governing such conflicts and will annouce a general policy governing the special kind of recording we would like to do--as soon as the legalities become clear. Similarly, private payment to staff employees for work using departmental equipment outside regular working hours seem, on the face of it, subject to the same conflict of interest laws. More information will be forthcoming.

TO: ALL MUSIC FACULTY AND GRADUATE STUDENTS

Members of Music 104B - the recording techniques class - are now available to record Music Departmental ensembles. Very shortly the control room between B150 and B152 will be operational. This will allow recording from these rooms with the proper acoustical isolation between performers and recording equipment. B150 will now be available to ensembles for use while recording. While Music 104 students may record in any room with an equipment cabinet (with the faculty person present in B210), it is strongly urged that ensembles record in B150 or B152, as these rooms will provide much better facilities for recording.

The procedure for individuals or ensembles wishing to be recorded is to leave a note in my mail box describing the music to be recorded, and the name and phone number of a contact person. I will assign Music 104B students who will make contact and mutually arrange for time and room scheduling. The musicians must supply the recording tape (Scotch 206 only!).

I hope that many UCSD musicians will take advantage of this opportunity to hear themselves on tape.

Bruce Rittenbach
January 12, 1987

Why can't the half inch
be moved?

Chuck O'Neill
wants to play his tape
in Recital Hall -

should be able to play
tapes that are made in
B108 -

Space in 206

Write Descriptions } 205 A B
202
200

Actresses, Choruses, Orchestra, Sets, Costumes, Lights.

Supporting features: 3 HALE HAIRIES - Marsh
AUM for Harp & Orchestra - Rands
(Soloist: Christina Rhys)

Produced and directed by BERNARD RANDS

20 March 1977

MANDEVILLE RECITAL HALL

8 PM

SONOR will present

An Evening of Music by ROBERT ERICKSON

in celebration of his 60th birthday.

TICKET INFORMATION:

17 March 1977

For 2 March 1977, WEDNESDAY EVENINGS AT THE MANDEVILLE CENTER: General Admission \$3, Students \$2. Tickets are on sale at the UCSD Box Office, The Turntable in La Jolla, and will be on sale "at the door" Wednesday evening.

No admission is being charged for the other two performances.

Technical manager
Responsible for location, maintenance, & security of all

Dept. Equipment and instruments
Responsible for coordination of maintenance events

Responsible for inventory
in access by instructors & students

Structs are in the proper use of equipment

So available for consultation on all technical matters

Teacher recording

Responsible for Archiving recording & Archiving

Preparation of class room materials in setting

Technology -
Technical library of resources

Agreement all things he recalled -

Check out on study loans from
Library -

Manager. Affiliations from campus place

Manager answers to chairman -

Staff -

1 FTE Technician
1/2 FTE Secretary

Student association to in

Maintenance
Instruments
Recording Archiving

STABILE

Paul Paccione

Stabile is a metaphor for the compositional process I used in this piece. This implies moving parts within a fixed context: the elements of the internal structure change position while the larger form remains constant.

UN TOMBEAU DE COCTEAU (1964)

Wilbur Ogdon

"While assembling poems from Cocteau's *L'Ange Heurtebise* for what was to be a theatrical chamber work, I learned of his passing. Two of the poems had just been set, one for baritone and the other for soprano.

Prompted by the desire to express an admiration for the many-faceted accomplishments of Cocteau, I fashioned this setting according to an old French tradition. The baritone setting was recast for soprano, some piano music then in progress was adapted to preface, separate, and follow the two songs, and the resulting entity was called *Le Tombeau de Cocteau*."

Angel Heurtebise, with unbelievable
Brutality, falls on me. For pity sake,
Don't fall so hard,
Strong fellow, flower of high
Stature.
I'm in bed because of it. What
Manners are these? I hold the ace, see for yourself.
Do you have it?

Angel Heurtebise shoves me;
And you, Lord Jesus, mercy,
Hoist me, pull me into the angle
Of your pointed knees;
Pleasure without defect. Thumb! untie
The rope, I die.

Translated by Wallace Fowlie in Mid-Century French Poets, Grove Press, New York.

UNIVERSITY OF CALIFORNIA, SAN DIEGO

BERKELEY · DAVIS · IRVINE · LOS ANGELES · RIVERSIDE · SAN DIEGO · SAN FRANCISCO



SANTA BARBARA · SANTA CRUZ

POST OFFICE BOX 116
LA JOLLA, CALIFORNIA 92093
Music Department (B-026)

March 16, 1976

Mr. Don Buchla
Buchla & Associates
P.O. Box 5051
Berkeley, CA 94705

Dear Mr. Buchla:

Per a recent conversation of ours, I am writing to request schematics and any service information you have on the modules in our synthesizer, the unit that came from the San Francisco Tape Music Center. Our system of four boxes consists of the following modules:

- Models - 106 - 6-Channel Mixer
- 107 - Voltage Controlled Mixer
- 110 - Dual Voltage Controlled Gate
- 111 - Dual Ring Modulator
- 112 - Touch Controlled Voltage Source
- 123 - Sequential Voltage Source (8 out)
- 124 - Patchboard (no schematic needed)
- 130 - Envelope Detector
- 140 - Timing Pulse Generator
- 144- Dual Square Wave Generator
- 146 - Sequential Voltage Source (16 out)
- 156 - Control Voltage Processor
- 158 - Dual Sine-Sawtooth Generator
- 160 - White Noise Generator
- 165 - Random Voltage Source
- 170 - Dual Microphone Preamplifier
- 180 - Dual Attack Generator
- 190 - Dual Reverberator
- 191 - Sharp Cutoff Filter
- 194 - Bandpass Filter

and the four power supplies, one per box.

Please send these out at your earliest convenience. Thank you.

Sincerely,

George Ritscher
George Ritscher
Senior Electronics Technician

021 1104

B-026

MISS PAULINE OLIVEROS

MUSIC

122 MDVL CTR

NOTICE

SAN DIEGO: OFFICE OF THE DIRECTOR
CAMPUS INFORMATION SYSTEMS

November 16, 1977

KEY ADMINISTRATORS/KEY SUPPORT STAFF (021)
OFFICE MAIL DISTRIBUTION CONTACTS - BULLETIN BOARDS (027)

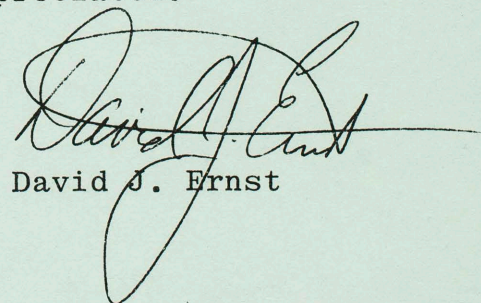
SUBJECT: FADS/SIRE Reporting Requests

In defining organizational relationships within the Campus Information Systems offices, it has been determined that the responsibility for review and action on all data retrieval requests for information derived from administrative computer systems shall reside with the Administrative Systems office. This will provide for a coordinated approach to administrative information retrieval whether performed locally or at the Systemwide Data Processing Centers.

All existing FADS/SIRE requests will be transferred from Audits and Administrative Information to the Administrative Systems office. This should not cause any undue impact on receipt or use of the requested information.

Effective today, please direct all FADS/SIRE reporting requests to Administrative Systems Office, c/o Rod Cressey, AP&M Bldg., C-023 or call extension 4066 for assistance.

Your cooperation in this effort is appreciated.



David J. Ernst

Archive

Performance of Contemporary Music Local & Visitors

Lectures by Visitors - say things verbally but not on paper -

Research by Graduate Students (comparative performances)

Some things are only in our archive.

Analysis of performance practice

If it there once then we done.

11/10/77

Kulian

ELECTRONICS BUDGET

George Ritscher

Allocation: *		Expense to date:	Available balance:
Tools/parts/supplies	4,500	2,271	2,229
Wiring	500	--	500
Archiving	<u>1,350</u>	<u> </u>	<u>1,350</u>
	6,350	2,271	4,079

*This allocation includes all S & E. The equipment request will be handled separately by request of the Electronics Committee.

distribution: Ritscher
Newmark
Oliveros
Georgalis
Olson

Henry Street
 D. (Wicks)
 Otis
 Newman
 Bengali
 Dean

Range: part. supplies, water,
 test exp., milk,
 all exp/tracking work.
 (-3 x -4)
 7,000

Complies: Archive tape & supplies, 1350
 "all other"
 Items: Classroom tape ~ 450

Freeline: Mar 202
 500

(Group II & III)
 (and Sen. research tape ~ 1950)
 (high replacement of 12.00/pt)

\$ 9,600

Financial Budget

34 96 - 17

Electronics Budget

74 76-4

George Street
to { Ritscher
Oliveros
Newmark
Pengalis
Olson

Lenge: parts, supplies, tools,
test eqpt., miles,
all class/teaching needs.
(-34-4) 7,000

Campbell: archive tape & supplies 1350

General: "apl other"
Classroom tape ~ 450

Pauline: Mus. 202 500

(Groups II & III)
(Acad Sen. research tape ~ 1450)
(Theft replacement of HL eqpt)

\$ 9,600

Policy review | Policy should be known

Users Priority

1. Class Projects
2. Research Projects
3. Other

Technician

Diagnostic Problems

Facilities Improvement
Recommendations from Users

what you can do -

Maintenance Priorities

1. Tape Machines
2. Hardwiring for Buchla
3. Reverb - Amp
- 4.

Proportional time

Studio needs
Blackboard

Tascam Mixer

Is the department going to
supply $\frac{1}{2}$ leader and splicing tape?

NOTE: USE A NUMBER 2 PENCIL ONLY

1) THE INSTRUCTOR PRESENTED EVEN THE HARDEST MATERIAL SO THAT IT WAS:	Incomprehensible	Confusing	A Bit Unclear	Clear	Completely Understood	NA
2) THE ORGANIZATION OF LECTURES, SECTIONS, AND TEXTS WAS:	Unrelated & Confusing	Unnecessarily Repetitious	Unrelated & Useful	Related & Useful	NA	
3) THE T.A. WAS:	No Help	Better than None	Some Help	Very Helpful	NA	
4) THE FEEDBACK YOU RECEIVED FROM YOUR PAPERS, TESTS, HOMEWORK, ETC., WAS USUALLY:	Grade Only	Grade & Remark	Grade & Useful Comment	NA		
5) THE ASSIGNED READING WAS:	Useless	Some Use	Generally Useful	Very Useful	NA	
6) THE RELATIVE VALUE OF THE MIDTERMS, FINAL, PAPERS, HOMEWORK, ETC. (i.e., THE GRADING POLICY) WAS:	Poorly Balanced	Well Balanced	NA			
7) THE GRADING OF THE TESTS, HOMEWORK, ETC., WAS:	Fair	Unfair	NA			
8) HOW MUCH TIME DID YOU SPEND EACH WEEK ON THIS CLASS, INCLUDING LECTURES AND SECTIONS?	≤ 5 Hrs	6 - 10	11 - 15	16 - 20	> 20	

COURSE NO.	<input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9	SECTION NUMBER:
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September 29, 1977

To Pauline Oliveros, Chairman, Electronics Committee

I've received four or five requests to check out people for the Graduate Studio. Please announce to your class that the users of B 108 voted last year to impose the following restrictions on potential users of the studio:

- 1) Must have completed Music 105 (electronic music class) or equivalent.
- 2) Must have a faculty sponsor.
- 3) Must be checked out on the use of the studio by a current graduate user.
- 4) Must then be cleared by George.
- 5) The users of B 108 retain the right to revoke the studio privileges of any user, new or old, on the basis of misuse of the equipment.

Music majors in your class who have taken Music 105 or the equivalent and who wish to be checked out by present users of the studio should meet with current users on Thursday, Oct. 6 during the last twenty minutes of the seminar.

Thanks,

David Jones

Graduate Representative, Electronics Committee

CC George Ritscher
Cheryl Georgalis
Bruce Rittenbach
B 108 Bulletin Board
Graduate Bulletin Board

February 9, 1977

TO: TOM NEE, Chairman

✓ FROM: PAULINE OLIVEROS, Chairman,
Electronics Committee

SUBJECT: 1. Need for a second technician.
2. Access to B-108

Members present: Erickson, Francois, Campbell, Ritscher, McColm and Jones

It is increasingly clear to the committee that more technical help is needed. The Department has accumulated a great deal of equipment. Servicing the classroom equipment only, is a large job. The electronic music studios need daily attention.

There are many other matters which demand technician time - i.e., consultation, check out, purchasing, etc. Also, 20% of the technician's time is allocated to CME. Our technician has never been able to operate except on a crisis basis. We think this is unreasonable and recommend investigating the following possibilities:

1. Hire directly at 50% time, an assistant technician.
2. Hire indirectly through the Media Center.
3. Explore a Mandeville Electronics Shop with Alan Johnson which would supply an on-site repair person for Music, Visual Arts and Mandeville Center.
4. Contract work out.

Policy: Use of B-108

All students with the necessary background may have access to B-108. We suggest that students both undergraduate and graduate acquire the necessary technology background from their colleagues. A committee of graduate student users will decide whether the student has the necessary technical background. George Ritscher will have the power to veto on technological grounds.

A user's meeting to be organized by David Jones will elect a committee. The committee will also administer the studio (B-108), discuss the organization of the studio, usage problems, technician's problems and any other appropriate matters.

PO/mw

Feb 7 1977

To Com Hec, Chairman

From Patrick O'Rourke

Chairman of Electronic Committee

Subject: 1) bid for a second technician

2) Access to B108

Members present: Erickson, Hanson, Campbell, Richter, McCann, and Jones

It is increasingly clear to the committee that more technical help is needed. The Department has accumulated a great deal of equipment. Servicing the classroom equipment only is a large job. The electronic course studies need daily attention. There are many other matters which demand technician time -

as, conversation, check out, purchasing, etc. Also 20% of the technicians time is allocated to CME. Our technician has never been able to operate, except on a crisis basis. We think this is an unreasonable and

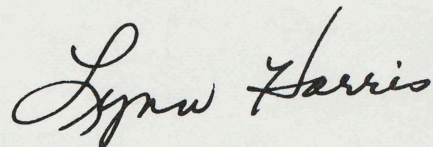
recommend the following ~~possibilities~~ possibilities:

1. Hire directly at 50% minimum assistant technician.
2. Hire indirectly through Media Center
3. Explain a handbook Electronic Shop with new program which would apply on an on-site repairperson for music ~~and~~ Visual Arts and
4. Contract work out.

Pauline Oliveros
Music
B-026

January 31, 1977

As of this date, the Academic Senate Office has not received your completed Committee Preference Form. The business of the Academic Senate is dealt with mainly by its committees. In order for the Committee on Committees to appoint as effective committees as possible, a good response to the Committee Preference Forms is vital. To date, we have received less than half -- much more of a response is needed. Please complete your form and return it to the Academic Senate Office, Q-002, today. Thanks.



Lynn Harris
Academic Senate

Policy: Use of B108

All students with the necessary background may have access to B108. We suggest that students both undergraduate and graduate acquire the necessary technology background from their colleagues. A committee of graduate student users will decide whether the student has the necessary technical background. George Ritscher will have the power to veto on technological grounds.

A users meeting to be organized by David Jones will elect a committee.

The committee will also administer the studio (B108). Discuss the organization of the studio, usage problems, technicians' problems and any other appropriate matters.

January 25, 1977

Dear Faculty and Students,

I would like to organize an evening of short compositions or art-performances (maximum 3 minutes) next quarter.

Please let me know as soon as possible if you know pieces of this sort to put on this program.

Thank you.

Jean Charles Francois

MEMO ON THE B-108 EQUIPMENT PROBLEMS
from Russell Lieblich

P. Oliveros
R. Newmart
B. Turetsky

The following is a compiled list of problems in the B-108 graduate studio. Many of these have been present for the past year and are becoming increasingly worse as time goes on.

✓ Speaker B (channel two) distorts at relatively high volumes indicating ^{amplifier} that it is either cracked or there is some abnormality ~~in~~ in the amplifier.

There is a basic systems noise (hum) which interferes with all aspects of working *Hum in the Moog --*

Dirty Pots; all four monitor amplifier pots, Moog mixer, filter and oscillator pots on the Moog. *Comb filters on Buchla + slide pots -*

✓ Fairchild Reverb unit is extremely noisy and seems to function only at low levels

✓ Multiple Arbitrary Function Generator on the Buchla is completely non-functioning. This module is extremely important in so far as it is the only sequencer in the studio at all.

The input and output lines on the Buchla should be hard wired. The matrix panel receptacle is slowly wearing down. It makes communication with the Buchla an extremely delicate process.

✓ More patch cords are needed for the Buchla as well as a rack -

EMS sequencer has been out of commission for two years. There seems to be a general interest in using it.

Envelope generator C on the Buchla does not respond to attack and decay pot settings.

✓ Trigger input on the right most Moog envelope generator is intermittent
Channel two on the Dual Ring modulator is functioning improperly. Channel one has dirty threshold pot.

Channels two and four on the the left quad gate on the Buchla do not pass signals.

The left voltage output jack on the left ramp wave oscillator on the Buchla

is out.

The output assign knob on the Buchla is loose.

Frequency shifter is not functioning properly

general maintenance of tape consoles

- 1) noisy supply idler wheel on tape four
- 2) Tape lift on tape machine C does not pull far enough away from the heads
Goes down before tape stops moving.
- 3) How often are heads aligned and cleaned, reel tension adjusted, levels calibrated?

Features people would like to see installed to facilitate work

- 1) Monitor headphone system for the entire studio.
- 2) Installing cables in the recording conduits up to B-108.
- 3) A more comprehensible users manual for the Buchla
- 4) An additional mixer

Bob Gould

Nov. 17

System noise in general

Maintenance of the tape decks

Arbitrary function Generator

2 Envelope Generators Attack + Decay controls don't work

Duty Pots

Fairchild reverb - noisy if on more than minimum level

2nd

EMS

Speaker B chan. 2 Breaks up

1/2 inch splicing + tape Tape club

Circuit design club needs some space -

La Jolla Civic / University Symphony

Dear Subscriber,

You are cordially invited to a reception
honoring our guest conductor

Zoltan Rozsnyai
following the November 12 concert in the East room,
Mandeville Center

Edward Carlson
pres.

Please present this card at the door.

OCTOBER 23, 1977

PAULINE OLIVEROS
CHAIRPERSON OF THE ELECTRONICS COMMITTEE
UCSD

I'D LIKE TO DOCUMENT THE FOLLOWING SITUATIONS:

- NOISE PROBLEM IN B-124

THE PLACEMENT OF TAMAS UNGAR'S PIANO STUDIO NEXT DOOR TO THE UNDERGRADUATE ELECTRONIC MUSIC STUDIO PRESENTS A NOISE PROBLEM TO BOTH MR. UNGAR AND THE USERS OF THE STUDIO. MOST OF THE NOISE LEAKS THROUGH THE VENTILATION SYSTEM. PERHAPS INSULATION COULD BE INSTALLED.

- OVERCROWDING IN B-124

SINCE THE UNDERGRADUATE E.M.S. DOUBLES AS A DUBBING STUDIO FOR 104A, IT IS SEVERELY OVERCROWDED.

NEARLY THIRTY STUDENTS MUST SHARE THE FACILITY.

THERE IS A CLEAR NEED FOR A SEPERATE DUBBING/EDITING ROOM, SINCE MANY STUDENTS HAVE BEEN FORCED TO CUT BACK THEIR TIME ON THE BUCHLA SYNTHESIZER, SLOWING THEIR GROWTH.

- NEED FOR 1/4 TRACK DUBBING MACHINE

WHEREAS THE PROFESSIONAL STANDARD OF HALF TRACK STEREO FORMAT IS EMPLOYED AT UCSD (AS WELL AS MOST SERIOUS INSTALLATIONS), IT REMAINS TRUE THAT MOST OF THE COUNTRY OWNS QUARTER TRACK MACHINES. IT WOULD BE OF VALUE TO THE DEPARTMENT (AND PARTICULARLY THE USERS OF B-108) IF A QUARTER TRACK MACHINE COULD BE MADE AVAILABLE FOR DUBBING PURPOSES.

RICHARD ZONAR GRIGGS
GRADUATE STUDENT

12/5/75

PERFORMANCE ELECTRONICS

Quantity	Item	Unit Price	Total Price
10	Small audio <u>transducers</u> (speaker minus coil) to drive resonators (Encinitas)	25 est.	250
4	Base portable "instrument" <u>speakers</u>	700 (2)	1,400
2	Crown D-150 Stero <u>Amps</u>	300	600
1	Portable mixer, 8 in, 4 out (Shure)	,500	1,500
3	Morley boost <u>Pedal</u> (WaWa+)	119	357
1	Tel Ray <u>Echo Unit</u> (list 195)	79	79
4	Contact <u>Mikes-piano</u>	135 (60% +)	640
6	Contact <u>Mikes-winds</u>	40 (60% +)	240
6	Contact <u>Mikes-strings</u>	40 (60% +)	240
4	<u>Pre Amps</u>	42 (60% +)	168
MISC.	<u>Cable box and cable</u> (instrument pickups to amps and speakers)		400
12	Tuned <u>filters</u> (electronic), <u>mikes</u> and <u>pre-amps</u>	125	1,500
12	Helmholtz <u>resonators</u> , <u>limiter</u> , and <u>amps</u>	80 est.	1,000
10	Assorted reed mouthpieces plus ligatures (acoustic accessories)	12	120
10	Adaptor bits for mouthpieces (acoustic accessories)	5	50

PERFORMANCE ELECTRONICS, cont'd.

Quantity	Item	Unit Price	Total Price
2	Four channel mixer <u>pre-amp</u> for instrument <u>pick-ups</u>	125 (60% +)	250
2	Four in, one out (Shure) <u>Mixer</u>	200	400
5 or 6	Air <u>mikes</u> (high quality) and <u>stands</u>	200 30	1,240
	Fabrication of triggering access system from instruments (4) to computer and/or synthesizer (electronic and mechanical)		CME development or present system Buchla?

TOTAL 10,440

7800

34 74-75

MUSIC

			Initial Allocation	Present Balance	Total Expenditure
1	① Music Purchases				
2	Chamber Chorus 301		200	4/11 (6596)	
3	Chorus 401		200	5/20 (7946)	
4	Orchestra 501		400	9/20 (13428)	
5	M-201 - Ref. 201		200	7/20 (25730)	
6	Chamber 001		100	5/20 (11365)	
7			1100	(65065)	175065
8	② Paper Purchases				
9	concerts, pub. soc. and		1400	5/20 (95092)	235092
10	general admin.				
11					
12	③ Low level Expt. Purchase =				
13	performance		-	(7884)	7884
14	replacements - genl admin	175	4/11 (24158)	41658	
15	" - technical	-	4/24 (79331)	79331	
16	" undergrad genl	-	(16771)	16771	
17					
18	④ Opera		280 -	~ 280 -	280 -
19					
20	⑤ Small Stage Props		70 -	70 -	0
21					
22	⑥ Instrument Purchases				
23	Technology	510 -	19587		
24	Performance	350 -	32552		
25	genl admin.	-	(27440)		
26					
27	⑦ Supplies				
28	public service	100 -	(10459)	(20459)	
29	genl admin	1200 -	(95912)	(215912)	
30	literature & theory	25 -	-	2500	
31	technology	1400 -	(21366)	(161366)	
32	grad and genl studies	25 -	5743	(7943)	
33	composition and exp. studies	25 -	10 -	15 -	
34	performance	25 -	(5293)	(7793)	
35					
36					
37					
38					
39					

Original Present
Allocation Balance

Total
Expenditures

1	(8) Postage			
2	public service		(56257)	
3	genl admin		48407	
4				
5				
6	(9) Research	—	—	
7				
8	(10) Music/Film Rentals			
9	genl admn.	140 -	10213	
10	performance	—	(1500)	
11	undergr. and genl.	—	(13475)	
12				
13	(11) Performance Arenas	—		
14	Concerts and public Soc.	—	—	
15	Comp and Experimental Studies	—	—	
16				
17	(12) Guest lecturers/Honorary			
18	Public Soc.	420 -	7284	
19	genl admin.	280 -	75 -	
20	undergrad and genl	—	—	
21	performance	350 -	(44676)	(79676)
22				
23	(13) Travel/Housing			
24	Concerts and pub Soc.	280 -	(10705)	(38705)
25	technology	—	(45 -)	(45 -)
26				
27	(14) Tape dubbing/archival supp.	600 -	545 -	55 -
28				
29	(15) —			
30				
31	(16) Recruitment			
32	genl admin.	1400 -	78757	
33				
34	(17) Assoc. Conferences /			
35	la plattive	70 -	70 -	
36				
37				
38				
39				

Actual Present Allocation Balance

Total Expenditure

Line Item	Actual Present Allocation Balance	Total Expenditure
18 PNE	8000 - (266740)	1066740
19 Graphics		
Concerts and public Svc.	600 - (160762)	288782
genl admin.	1250 - (37399)	228964
Curricular		397708
misc.		222
20 Concert Set-ups (chg'd to sub-2)	210 - —	—
21 telephone Eqpt. genl admin.	2100 - 720 (20401)	230401
22 Physical Plant	700 - (11390)	81390
23 Audio Visual / OLR public Service genl admin	— (34784) 35 - (33507)	34784 37007
24 garage and parking public Service genl admin.	300 - 218 - 120 - 2412	—
25 Student Corps and part time		
concerts and pub. Svc.	105 - (7044)	17544
Genl. admin.	— (6945)	—
26 Repair and Tuning		
Concerts and pub Svc.	240 - (10 -)	250 -
performance technology	600 - (45362)	105362
27 Repair of Eqpt. genl admin. technology performance	200 - 4522 360 - 5984 — (15364)	—

39					
38					
37					
36					
35					
34	(161.63)				Misc
33					
32	(1117.27)	250 -			paper binder w - pens - performance
31	(90 -)	-			
30					
29					
28					
27	(105.23)	3150 -			Student Service
26					
25	932.66	2035 -			Removal Expenses
24					
23					
22					
21					
20					
19	(36.64)	1540 -			Performance
18					
17	1346.85	2000 -			64 Salaries
16					
15					
14					
13					
12					
11	(844.86)	490 -			Moving Expenses
10	(9.34)	-			Rental/Small Exp
9					
8					
7	(442.32)	-			
6	188.78	280 -			Performance
5					
4					
3	(20.50)	-			Performance
2	69.77	200 -			Public Service
1					

Give credit

Partial Payment
Mention Balance

1974-75 Equipment Purchases-Groups II&III

FUND

	2 Atlas MS-25 Microphone Stands		\$69.00
	2 Atlas BB-1 Baby Boom Arms		18.00
		ST	5.26
01274	Pacific Recorders 65-53939-Q	9-25-75	<u>\$92.26</u>
	2 Claridge #146 EV Chalkboards		\$550.07
		ST	33.00
01274	F&I Coop Service 6B-53940-0	9-26-75	<u>\$583.07</u>
	1 28" untacked tympani head		\$50.52
	1 Flesh hoop		15.00
	1 tucking of head on flesh hoop		15.00
			<u>\$80.52</u>
		UPS	4.85
01274	Hinjer Touch-Tone 5S-13850	8-22-75	<u>\$85.37</u>
	1 Set Tabla & Dagga, Model No.203		
	1 Tabla Hammer		
	1 Tabla Pudi		
	1 Dagga Pudi		
	1 Set Tabla & Dagga Cushion		
	2 Extra Tabla Pudi		
	2 Extra Dagga Pudi		
	1 Tabla Leather Sregping		\$250.00
		ST	15.00
01274	Vladimir Vooss 5L-12762-0	7-25-74	<u>\$265.00</u>
	1 Luding pedal timpani - 20" & #835		\$440.00
	1 Pair bongos		123.90
	1 14"X22" Bass drum w/#800 hi-hax & #806		163.00
	S.D. Stand and B.D. pedal		29.75
	1 16"X32" Concert Bass Drum		35.00
	& #789 suspended Bass drum stand		21.00
	3 Cymbal Stands		196.00
	3 Share drum stands		185.00
	1 Wood blocks #714		54.60
	1 Wood blocks #775		84.00
	2 Sets-sleigh bells		3.85
	1 Fexstone		18.90
	2 Trip cases		8.40
	3 Bass drum beaters		150.00
	one pair of #3		21.00
	one pair of #4		17.50
	one pair of #22		20.00
			<u>\$1572.25</u>
		ST	94.58
01274	Frank's Drum Shop 5L-12409-0	12-18-74	<u>\$1670.83</u>

FUND

	1 Remo #2404		\$21.00
	1 Remo #2700		23.00
	1 Remo #3000		26.00
	1 Remo #3300		30.00
	1 20" drop tings	#831	15.00
			<hr/> \$115.00
			80.50
			OPS 6.10
	Frank's Drum Shop	4-17-75	<hr/> \$86.60
	1 Gy on Bop 2B-40		\$31.50
			UPS .99
01274	Frank's Drum Shop	3-25-75	<hr/> \$32.49
01274	1 IBM Typewriter		\$668.16
01274	1 Set Test instruments for distortion testing-Harlan Labs		\$1075.90
01274	1 Audio Flutter Meter-3M Corp (5S-11219-0)		\$773.80
01274	1 SCA Aup-kit Hi-Fi House (5S-11220-0)		\$127.84
01274	2 Magnetic Tape Cabinets - Demco (5D-16009-0)		\$460.97
01274	1 Frequency Synthesizer - Scalatron ()		\$7685.00
01274	1 Order electronic - Pacific Recoder (5L-11381-0)		\$30853.11
	1 Tascome Mixer		
	8 Jbl 4320 L.S.		
	2 Apex 2 track recorder		
	1 Apex 4 track recorder		
	1 Multisync USO		
01274	Wenger Corp. Equipment (5S-11553-0)		\$1640.00
01274	355 Virco Corp. Chairs (5D-16923-0)		\$8925.94
01274	1 Set Choral Platform (Wenger) (5D-17029-0)		\$2308.68
01274	1 Synth Sequencer EMSA (5L-11595-0)		\$6344.10
01274	50 Music stand Finder (5L-12108-0)		\$948.70
01274	2 PAT-4 pre-amps (Stolen Equip.) Hi-Fi house (5L-12340-0)		\$216.24
01274	2 sets-spkrs. for altacs () Comm Co. (5L-12341-0)		\$682.64

FUND

01274	1 "D" trumpet - Shilke (5L-12408-0)		\$504.81
01274	2 Cust Cabinets - Pacific Recorders (5L-12336-0)		\$1473.92
01274	1 Set Cow bells - Steve Weiss		
01274	1 Set Orchestra bells - Stoossel		
01274	1 Set Music manuscript shelving - Tuck (A4B-186)		\$2740.00
01274	Misc wiring, connectors, etc. shanks & Wright (5S-13903-0)		\$970.98
01274	2 Rack Mount Kits for Revox A77 (Pac. Rec.)		\$209.88
<hr/>			
	1 7" Tambourine		\$25.00
	1 11" Tambourine		25.00
	1 20" Calf Head mounted <i>mounted</i>		50.00
			<hr/>
			\$100.00
		ST	6.00
			<hr/>
01274	Hinjer Touch-Tone 5S-13850-0	2-24-75	\$106.00

\$ 71,532.29

Recommendations of Committee on Performance Instrument needs:

Item No.	Instrument	Est. Cost
1.	Performance organ for Mandeville Auditorium	Gift
2.	Electronic organ for practice (adapt scalatron w/pedals)	\$2700.00
2a	<i>Chamber music Size Piano</i>	<i>(6200 1/2 from music)</i>
3.	Concert Harpsichord (perhaps MDV Ctr Budget?)	\$9000.00
4.	Set, virginal (for keyboard pro- ^{seminar} selman)	\$1000.00
5.	Clavichord (for keyboard pro- ^{seminar} selman)	\$1000.00
6.	Pianos for faculty offices (X number of Kawai) each. <i>or sound system</i>	\$1000.00
7.	Pipe organ, sized for practice room-new ^{or} purchase and re-build one available from Military Academy	\$25000.00
8.	Marimba (Slingerland)	\$2600.00
9.	Vibraphone (Musser "Century")	\$1776.00
10.	Xylophone (Slingerland "Concert")	\$1600.00
11.	Glockenspiel	\$1200.00
12.	Symphony Chimes (Slingerland)	\$2300.00
13.	Celeste	\$3000.00
14.	Tympani Calfheads, 5	\$500.00
15.	Snare Drum	\$200.00
16.	Snare Drum, piccolo	\$185.00
17.	Tom Toms:	
	8X12	\$100.00
	14X14	\$135.00
	16X18	\$170.00
18.	Tam Tam - 38"	\$1320.00
19.	Gougs, 3	\$500.00
20.	Timbales, one pair	\$200.00

Duplication

*Breakdown = 3100.00
1/3 = 3000.00*

?
?
?
?

<u>Item No.</u>	<u>Instrument</u>	<u>Est. Cost</u>
21.	Hand cymbals, 2	\$200.00
22.	Suspended cymbals:	
	10"	\$35.00
	20"	\$100.00
	24"	\$180.00
23.	Cowbells, lowest octave	\$1000.00
24.	Ampli-Pick-up for Manimba	\$480.00
25.	Slapsticks, 4	\$30.00
26.	Stands for suspended cymbals, 3	\$100.00
27.	Bells	\$3000.00
28.	Basset Horns, 2	
? 29.	Trumpet, B ^b	\$500.00
30.	Cornet, B ^b	\$500.00
31.	Flugelhorn, B ^b	\$500.00
? 32.	Trumpet C	\$500.00
33.	Trumpet, F-G combination	\$500.00
34.	Tympani, 1 set, excellent quality ?	
(35.	Performance electronics, portable use	\$6000.00)
36.	Instruments to up-date Music I collection	\$2000.00

Other instruments recommended for purchase as per the CIPME listing of 1972

<u>Room Number</u>	<u>Item</u>	<u>Cost</u>
B-202	Projection screen	\$ 900.00
B-210	Projection screen	900.00
B-206	Magnetic tape cabinets; 5 needed @ \$240.00	1,200.00
	Microphone; stereophonic, condenser (FET); 2	2,432.00
	Microphone; quadrasonic, condenser (FET); 2	2,836.00
	Microphone; omni-directional, condenser (FET); 4	1,204.00
	Microphone; 3-pattern switchable; cond. (FET); 4	2,000.00
	Power supply for FET microphones; 1	174.00
	Audio frequency test set; Ferrograph	1,800.00
B-108	Mixing desk; 8-in/4-out	3,255.00
	Audio frequency test set; Ferrograph	1,800.00
	Audio disc turntable w/pre-amplifier	774.00
Faculty offices	Two-channel sound recording/reproduction instruments with provision to use loudspeakers or headsets	1,200.00 ea.
	Studio pianos; uprights	995.00 ea.
B-143, B-144, B-145, B-146	Two-channel recording/reproduction equipment with omni-directional microphones	2,400.00 ea.
B-151	3 two-channel tape recorder/reproducers	9,450.00
	microphone; dynamic; omni-directional; 4	700.00
	Microphone; dynamic; cardioid; 4	700.00
	Audio disc turntable w/pre-amplifier	774.00
B-160	Portable, battery-operated magnetic tape recorder(M)	2,000.00
	Portable, battery-operated magnetic tape recorder(S)	3,150.00
	Sound pressure Level meters (2)	5,000.00
	Portable sound synthesizer; Synthi VCS-3	1,575.00
	1/3rd Octave Equalizer/band pass filter (2)	3,066.00
	1/3rd Octave Graphic Equalizer (2)	1,240.00
	Acoustical Audio system analyzer	1,103.00
	Microphone; dynamic; cardioid; 4	700.00
	Microphone; dynamic; "line" type (shotgun) 2	600.00
	Microphone; ribbon; pattern switchable 2	368.00
	Microphone; condenser; cardioid (for Nagra) 2	602.00
	Audio frequency test set	1,800.00
	Variable speed motor drive amplifier 2	1,460.00
	Pre-amplifier; monaural 4	600.00
	Pre-amplifier power supply 2	300.00
	Amplifier, power; for loudspeaker 4	520.00
	Loudspeaker; wide-band; acoustical test 2	2,760.00
	Loudspeaker; portable; performance 2	1,260.00
	Loudspeaker; portable; extended performance 4	1,000.00
	Microphone; dynamic; omnidirectional 4	700.00

Other instruments recommended for purchase as per CIPME listing of 1972

112/113	Automatic Spirit Duplicating Machine	700.00
114	Two-channel recording/reproducing system with loudspeakers	1,400.00
	Upright piano	995.00
n/d	Small electronic organ	3,000.00
	Master electronic organ w/15 keyboards	5,000.00
	Piano accordian	900.00
	Improvisational instrument collection/selection	6,500.00
	Harp	7,000.00
	Bandoneon	900.00
	Dutch Baroque Organ/Flintrop	4,000.00
	Gamelang Javanese Collection	13,500.00
	Opaque projector 4	2,800.00
	Overhead projector 4	1,200.00
	Slide projector w/remote switching	1,000.00
	Audio-visual carts 8	600.00
	Super 8 cameras w/sound 6	4,200.00
	Projectors 2	400.00
	Light box	400.00
	Cameras (slide producing) 3	1,050.00
	Fold-out projection screens 4	2,000.00
	Slide projectors 6	1,200.00
	Music Typewriter	950.00
	Two-channel recorder/reproducer system with headsets and sel-sync with one microphone and one enclosed carrell 9	14,980.00
Additional equipment not listed on CIPME but needed		
B-202	Black-out blinds over two upper-story windows	300.00
B-210	Black-out blinds over two upper-storey windows	300.00
B-206	Draw drapes for view windows between B-206 and B-202; and B-206 and B-210	200.00
B-104	Draw drapes for view window into B-202	100.00
B-108	Draw drapes for view window into B-210	100.00
B-151	Draw drapes for view windows into B-150 and B-152	200.00
	Miscellaneous:	
	Cable, connectors, patch panels, terminal blocks, starter kits; etc.	3,000.00

Analysis instruments

Other instruments recommended for purchase

n/D

Analysis instruments for Faculty research studio

Spectral/Dynamics full capability analysis without computer	\$20,000.00
with computer	40,000.00
Kay sonograph w/amplitude display & sectioner	5,000.00
Pneumotachographic system	
Electromyographic system	
Laryngeal photographic system	
Hardware for inverse filtering system	
Melograph analysis instrument	15,000.00
Interfacing instruments and hardware	5,000.00

S. Oliveras

Recap of Groups II and III Expenditures

Curricular	34,575.17	35%
Archive/Recording	18,098.56	19%
Instruments	19,074.43	19%
Electronic Music/Research	23,794.61	24%
Administrative	834.22	1%
Technical	1,928.98	2%
Other charges	17.03	
	<u>98,323.00</u>	<u>100%</u>

Initial Allocation	83,000.00
Additional Allocation 8/1/75	99,628.00
Expenditures/Encumbrances to date	<u>98,323.00</u>
Available balance.	<u>84,305.00</u>

Archive/Recording:

2 magnetic <u>Tape Cabinets</u>	Demco 5D 16009	365.70 41.21 <u>406.91</u>	406.91
2 custom <u>Cabinets</u>	Pacific Recorders 5L 12336	514.10 970.86 <u>1,484.96</u>	1,484.96
Misc. <u>Wiring, Connectors,</u> etc.	Shanks & Wright 5S 13903-0	865.07 104.37 <u>969.44</u>	969.44
TASCAM <u>Mixing Console</u>	Pacific Recorders 5L 11381-0	6,103.00	
4 <u>Loudspeakers</u>	"	2,544.00	
<u>Oscilloscope</u>	"	599.95	
2 Crown D-150 <u>Amplifiers</u>	"	858.00	
6 <u>Dolby Noise Reduction Systems</u>	"	3,900.00	
2 Ampex <u>Console Cabinets</u>	"	920.00	
20 <u>Risers</u>	"	190.00	
		15,114.95	
		adj. (234.92)	
		<u>14,880.03</u>	14,880.03
Microphone stands (4)	Pacific Recorders 6S 52673		357.22
Archive/Recording Subtotal			<u><u>18,098.56</u></u>

Instruments:

2 <u>Kawai Pianos</u> ser. #K-719723 ID 756000288 #K-687310 ID 756000289	Finder's 5S 13650		1,993.46
1 "D" <u>Trumpet</u>	Shilke 5L 12408-0	476.00 10.25 <u>28.56</u> 514.81	514.81
1 Baldwin SF-10 <u>Grand Piano</u> 1 Baldwin L <u>Grand Piano</u>	Baldwin 6S-52058-0	7,000.00 4,995.00 <u>719.70</u> 12,714.70	12,714.70
<u>PERCUSSION</u>			
Piping for <u>frames</u>	Lakewood Pipe Svc. 5S 13834		231.48
<u>Dehumidifier</u> (percussion storeroom)	Sears & Roebuck 13446-0		105.95
1 <u>Xylophone</u> (used) 2 <u>Cymbals</u>	Jim Hoffman 12407-0		466.40
<u>Mallets</u> 2 pr. Musser, 3 pr. Bruno 1 pr. Musser, 1 cong. beater	Prof. Drum Shop 13901-0		51.04
2 sets <u>Temple Blocks</u> 2 sets <u>Wood Blocks</u> 2 lg. <u>Temple Blocks</u> 4 <u>Button Gongs</u> (18/20/22/24")	Gulf Sports 5S-14427		380.39
4 <u>Drums</u> (1 practice pad set) 1 set Sonar <u>Wood Blocks</u> 1 set Sonar <u>Wood Blocks</u> lg.	Frank's Drum Shop 5S 13902-0	59.00 6.50 9.50 1.30 <u>4.50</u> 80.80	80.80
2 <u>Drums</u>	R. Maren 14304	12.00 70.00 <u>4.20</u> 86.20	86.20
<u>Tabla and Dagga</u> (1 set) (hammer, pudi, strapping, etc.) NOTE: delivered, but current whereabouts unknown)	Vladimir Vooss 5L 12762	250.00 <u>15.00</u> 265.00	265.00

Instruments

PERCUSSION, cont'd.

<u>Tympani head (28"),</u> hoop and tucking	Hinger Touchtone 5S 13850	26.45 85.35	
		<u>111.80</u>	111.80
1 set <u>Cow Bells</u> (2 octave) S. Weiss	Philadelphia Music 5S 12575		276.01
1 <u>Tambourine</u> 7"	Hinger Touchtone	79.50	
1 <u>Tambourine</u> 11"	5S 13850	26.45	
1 <u>Calfhead</u> mounted 20"		1.59	
		<u>107.54</u>	107.54
Percussion/various drums and equipment	Frank's Drum Shop 5L 12409-0	1,558.84	
		79.50	
		(5.85)	
		74.15	
		9.70	
		4.45	
		1.89	
		31.50	
		.99	
	adj.	(65.97)	
		<u>1,688.85</u>	1,688.85

Instrument subtotal 19,074.43

Electronic Music/Research:

4 <u>Loudspeakers</u> (JBL Model 4320)	Pacific Recorders 5L 11381	2,544.00	
1 <u>Ampex Tape Recorder</u> (4 channel-1/2")	"	5,079.00	
1 <u>Multisync Tape Speed Controller</u> (currently in B-206; belongs in B-104)	"	695.00	
2 <u>Ampex Tape Recorders</u> (2 channel-1/4")	"	7,890.00	
		<u>16,208.00</u>	
	Adj.	(234.92)	
		<u>15,973.08</u>	15,973.08
1 <u>Synthi Sequencer</u>	EMSA 5L 11595-0	6,428.80	
		<u>385.73</u>	
		6,814.53	6,814.53
1 <u>Sony Tape Recorder and Amplifier</u> (R. Erickson)	Pro Am Electronics 5L 13334-0		1,007.00

Electronic Music/Research Subtotal . . . 23,794.61

Administrative:

1 IBM <u>Typewriter</u>	IBM 536640	636.00
1 Frigidaire <u>Refrigerator</u>	Bennett's Appliance Ctr. 5L-13447	<u>198.22</u>
	Administrative Subtotal	<u><u>834.22</u></u>

Technical:

1 set <u>Test Equipment</u> (for distortion)	Harlan Labs 453760	1,075.90
<u>Test Equipment</u> (audio flutter meter)	3 M Corp 5S-11219-0	774.77
<u>Pink Noise Filter</u> (J. Campbell/acoustic testing)	General Radio 130230	<u>78.31</u>
	Technical Subtotal	<u><u>1,928.98</u></u>

Other Charges:

Telephone Calls	6.09	
	2.84	
Transit Risk Insurance	1.70	
	<u>6.40</u>	
	17.03	<u><u>17.03</u></u>

the X marks are for 1975-76 equip.

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

ellam out.

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Undergraduate Labs & Service Rooms SHEET NO. 138
 DEPARTMENT MUSIC B-202 PROJECT Humanities Bldg. (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. L-01 Rehearsal Room @ 3008 asf					
PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71					
60 students					
<u>Specialized Equipment</u>					
Two-Channel magnetic tape recorder - 1/4": Ampex 440B-2	1	1	0	3330	3330
Two-channel pre-amplifier: Dyna- kit PAT-4	1	1	0	140	140
Loudspeaker amplifier Dyna-kit Mark III	2	2	0	115	230
Loudspeaker system: Altec A7-500	4	4	0	550	2200
Audio disc turntable: Thorens TD-150	1	1	0	200	200
Equipment cabinet for rack mount Par-Metal FD-215A	1	1	0	175	175
Stereo Audio Mixer: Ampex MX-10	1	1	0	287	287
<u>Conductor's music stand: Manhas-</u> <u>set</u>	1	0	1	\$ 20	\$ 20 X
<u>Student/Performer Music Stands</u>	30	0	30	\$ 15	\$ 450 X

(continued)

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Undergraduate Labs & Service Rooms SHEET NO. 139
 DEPARTMENT MUSIC B-202 PROJECT Humanities Bldg. (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. L-01 <u>cont'd</u>					
Projection Screen	1	0	1	\$ 900	\$ 900 <input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Performance Chairs: GF40-4	50	0	50	\$ 40	\$ 2,000
<input checked="" type="checkbox"/> Grand Piano: 9-foot piano w/bench, piano dolly, pro- tective cover, & locking device	1	0	1	\$13,000	\$13,000
Total Specialized Equipment					\$16,370

*Include Sales Tax

X

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Research Labs & Service Rooms

SHEET NO. 183

DEPARTMENT MUSIC

B-210

Humanities Bldg.
PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. L-02 Rehearsal Room @ 3008 asf.					
PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71					
60 graduate students					
Specialized Equipment					
Two-channel magnetic tape recorder - 1/4" SCULLY 280-2	1	1	0	3,115	3,115
Two-channel pre-amplifier McINTOSH C-22	2	1	1	\$ 450	\$ 450
Loudspeaker amplifier McINTOSH 273	2	2	0	456	512
Loudspeaker system JBLANSING #4320	4	0	4	\$ 630	<u>\$2,520</u>
Audio Disc turntable THORENS TD-150	1	1	0	200	200
Equipment cabinet for rack mount PAR-METAL FD-215A	1	1	0	175	175
Conductor's Music Stand MANHASSET	1	0	1	\$ 20	\$ 20
Student/Performer Music Stands	30	0	30	\$ 15	\$ 450

(continued)

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Research Labs & Service Rooms

SHEET NO. 184

DEPARTMENT MUSIC

B-210

Humanities Bldg.

PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. L-02 cont'd					
Projection Screen	1	0 ^A	1	\$ 900	\$ 900 (X)
NO - Small Electronic Organ (7)	1	0	1	\$3,000	\$3,000 (X)
Grand Piano 9-foot	1	1	0	4,200	4,200
Customized cabinet w/accessories	1	0	1	\$ 108	\$ 108
Performance Chairs GF40-4	60	0	60	\$ 40	\$2,400
Total Specialized Equipment					\$9,848

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Research Labs & Service Rooms

SHEET NO. 185

DEPARTMENT MUSIC B 206

Humanities Bldg.
PROJECT (Mandeville CAMPUS San Diego
Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. L-03 Sound Studio @ 1940 asf PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71 1 - Academic FTE 5 Graduate Students 15 Students Desk; executive 30" x 60" w/ 45" L Unit Chair, swivel w/arms Table, 30" x 60" Chairs, side w/o arms Bookcase, 36" x 12" x 78" File, 5 drawer, lettersize					
	1	0	1	\$ 181	\$ 181
	1	0	1	\$ 82	\$ 82
	1	0	1	\$ 86	\$ 86
	2	0	2	\$ 48	\$ 96
	3	0	3	\$ 52	\$ 156
	1	0	1	\$ 82	\$ 82
UCSD TYPE B furniture					\$ 683
Specialized Equipment					
IBM Selectric Typewriter, I	1	1	0	174	174
<i>ordered 74-75</i> 7/74 Magnetic tape storage cabinets	12	7	5	\$ 240	\$1,200
<i>ordered 74-5</i> Mixing desk: 12-in ²⁴ / ₂ -out; with talkback and slating TASCOM M-10 plus (?) <i>with oscilloscope</i>	1	0	1	\$4,095	\$4,095
<i>ordered 74-5</i> Four-channel magnetic tape recorder - 1/2" AMPEX 440B-4	2	1	1	\$4,725	\$4,725
Generally Assignable Office Furniture Total					\$ 683
Total					\$ 683

(continued)

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Research Labs & Service Rooms

SHEET NO. 186

DEPARTMENT MUSIC B 206

Humanities Bldg.
PROJECT (Mandeville CAMPUS San Diego
Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. L-03 <u>cont'd</u>					
<i>ordered 74-5</i> Two-channel magnetic tape recorder - 1/4" AMPEX 440B-2	1	0	1	\$3,150	\$3,150
Four-channel magnetic tape recorder - 1/4" SONY 854	1	0	1	\$1,875	\$1,875 (X)
Noise reduction processors DOLBY 361	6	0 <i>we have two</i>	6	\$ 693	\$4,158 (X)
<i>74-5 ordered</i> Studio "A" or "B" loudspeaker amplifier CROWN D-150	2	0	2	\$ 420	\$ 840
Monitor amplifier/loudspeaker system GOTHAM OY	4	0	4	\$ 701	\$2,804 (X)
Stereophonic, multi-pattern, condenser microphone system NEUMANN SM-69fet	2	0	2	\$1,216	\$2,432 (X)
Quadrasonic cardioid microphone system (condenser) NEUMANN QM-69	2	0 <i>what about present mikes?</i>	2	\$1,418	\$2,836 (X)
Omni-directional miniature condenser microphone system NEUMANN KM-83	4	0	4	\$ 301	\$1,204 (X)
3-Pattern switchable studio condenser microphone system NEUMANN U-87	4	0	4	\$ 499	\$1,996 (X)

(continued)

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Research Labs & Service Rooms

SHEET NO. 187

DEPARTMENT MUSIC B 206

Humanities Bldg.
PROJECT (Mandeville CAMPUS San Diego
Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. L-03 <u>cont'd</u>					
Power supply for condenser microphone systems NEUMANN NK-48a	1	0	1	\$ 174	\$ 174
Audio disc turntable with pre- amplifier Thorens TD-124 & Shure SE-20	1	1	0	630	630
Audio frequency test set with rack mount Wave-Form	1	0	1	\$1,250	\$1,250 ⊗
Clock & timer for archive maintenance ES ENTERPRISES ES500R	1	0	1	\$ 126	\$ 126 ⊗
Luxor desk/wall lamps w/wall attachments	2	0	2	\$ 30	\$ 60 ⊗
Luxor desk/wall lamps w/desk attachments	2	0	2	\$ 30	\$ 60 ⊗
<u>Student/Performer Music Stands</u>	10	0	10	\$ 15	\$ 150 ⊗
○ <u>Performance Chairs GF40-4</u>	20	0	20	\$ 40	\$ 800
Customized cabinet w/acces- sories	6	0	6	\$ 150	\$ 900

(continued)

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION
6.7 BUDGETING FOR MOVABLE EQUIPMENT
.4.1.8 Form E-8, Equipment Itemization

** require tape cabinet*
Issued Nov. 26, 1969

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Research Labs & Service Rooms

SHEET NO. 188

DEPARTMENT MUSIC B 206

Humanities Bldg.
PROJECT (Mandeville CAMPUS San Diego
Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. L-03 <u>cont'd</u>					
Starting Kits:					
Magnetic Ref. Lab. Test Tape #21 T 104	1	0	1	\$ 30	\$ 30 X
Magnetic Ref. Lab. Test Tape #21 J 105	1	0	1	\$ 30	\$ 30 X
Magnetic Ref. Lab. Test Tape #31 T 118	1	0	1	\$ 45	\$ 45 X
Magnetic Ref. Lab. Test Tape #31 J 119	1	0	1	\$ 45	\$ 45 X
Magnetic Ref. Lab. Test Tape #22 A 108	1	0	1	\$ 35	\$ 35 X
Magnetic Ref. Lab. Test Tape #22 A 109	1	0	1	\$ 35	\$ 35 X
Total Specialized Equipment					\$35,055

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Undergraduate Labs & Service Rooms

SHEET NO. 141

DEPARTMENT MUSIC B 108

Humanities Bldg.
PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. L-08 Locker Room @ 110 asf PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71 Orchestral, String, Woodwind, and Brass Instruments: Master Electronic Organ w/15 keyboards Piano Accordion Orchestral Bells Harp Tuba Bandoneon Viola Cello Bass Gambas Bass Clarinet E-flat Clarinet Bassoon Contrabassoon Bass Flute Bass Trumpet High F-Trumpet Fluglehorn Improvisational Instrument Collection/Selection					
	1	0	1	\$ 5,000	\$ 5,000
	1	0	1	\$ 900	\$ 900
	2	1	1	\$ 700	\$ 700
	2	1	1	\$ 7,000	\$ 7,000
	2	1	1	\$ 900	\$ 900
	1	0	1	\$ 900	\$ 900
	1	0	1	\$ 900	\$ 900
	1	0	1	\$ 3,000	\$ 3,000
	3	1	2	\$ 2,000	\$ 4,000
	3	1	2	\$ 1,200	\$ 2,400
	1	0	1	\$ 700	\$ 700
	1	0	1	\$ 400	\$ 400
	1	0	1	\$ 3,000	\$ 3,000
	1	0	1	\$ 4,000	\$ 4,000
	1	0	1	\$ 2,000	\$ 2,000
	1	0	1	\$ 1,000	\$ 1,000
	1	0	1	\$ 900	\$ 900
	1	0	1	\$ 300	\$ 300
	1	0	1	\$ 6,500	\$ 6,500

*Include Sales Tax

Total Specialized Equipment \$ 44,500

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

(A) one only 1,200 1200
(B) price change 1,000 1,000

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Research Labs & Service Rooms

SHEET NO. 189

DEPARTMENT MUSIC B-208

Humanities Bldg.
PROJECT (Mandeville CAMPUS San Diego
Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. L-09 Locker Room @ 110 asf PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71 <u>Specialized Equipment</u> <u>Percussion Instruments:</u>					
Ludwig Timpani 20" No. 835 w/weather king plastic head	1	0	1	\$ 300	\$ 300
Camio Tom-toms (two heads) stain or lacquer finish					
12" x 15"	1	0	1	\$ 70	\$ 70
14" x 14"	1	0	1	\$ 75	\$ 75
16" x 18"	1	0	1	\$ 75	\$ 75
18" x 20" w/weather king lastic head and either a stand or legs	1	0	1	\$ 100	\$ 100
Pair of Bongos-Latin Per- cussion with Con Bop Stand	1	0	1	\$ 150	\$ 150
Pair of Congas-Latin Per- cussion or Con Bop with Con Bop Stand (two congas, large & small)	1	0	1	\$ 150	\$ 150
Bass Drums (No. 5000) 14" x 22" w/Camco Delux Pedal & Beater	1	0	1	\$ 100	\$ 100

*Include Sales Tax

(continued)

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Research Labs & Service Rooms

SHEET NO. 190

DEPARTMENT MUSIC B-208

Humanities Bldg.

PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. L-09 <u>cont'd</u>					
Percussion <u>cont'd</u>					
Bass Drums 16" x 30"	1	0	1	\$ 100	\$ 100*
Cymbal Stands Ludwig Atlas	2	0	2	\$ 50	\$ 100*
Wood Blocks-Latin Percussion					
No. 774	1	0	1	\$ 15	\$ 15*
No. 775	1	0	1	\$ 15	\$ 15*
Wood Blocks-Sonar					
No. V-2200	1	0	1	\$ 15	\$ 15*
No. V-2202	1	0	1	\$ 15	\$ 15*
Temple Blocks & flat stand Rogers No. 4876	5	0	5	\$ 10	\$ 50*
Temple Block (largest of Rogers)	1	0	1	\$ 20	\$ 20*
Triangles selection from 10" x 12" to 4" x 5"	5	0	5	\$ 10	\$ 50*
Slap Stick (wood)	1	0	1	\$ 5	\$ 5*
Sleigh Bells, set	1	0	1	\$ 75	\$ 75*
Log Drums (four different pitches)	2	0	2	\$ 80	\$ 160*
Flexatone	1	0	1	\$ 5	\$ 5*
Stand Building Materials/fittings	5	0	5	\$ 40	\$ 200*

*Include Sales Tax

(continued)

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

Correct details

ROOM-TYPE GROUP Research Labs & Service Rooms

SHEET NO. 192

DEPARTMENT MUSIC B104

Humanities Bldg.
PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G-07 Electronics Lab. w/service @ 887 asf		?! 2			4,000
PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71					3,000
6 Graduate Students					
<u>Specialized Equipment</u>					
Music Synthesizer: either ARP, or SYNTHI 100, or BUCHLA ELECTRIC MUSIC BOX	3	2 ??	1	\$14,700	\$14,700
Two-channel pre-amplifier CROWN IC-150	2	0	2	\$ 283	\$ 566
Two-channel Loudspeaker ampli- fier CROWN D-150	2	0	2	\$ 419	\$ 838
Monitor loudspeaker system JBLANSING 4320	4	0	4	\$ 630	\$ 2,520
Eight-channel magnetic tape recorder - 1" AMPEX 440B w/ capstan drive servo	1	0	1	\$ 9,375	\$ 9,375
Noise reduction system dbx 187	2	0	2	\$ 2,048	\$ 4,096
Cardioid condenser microphone system NEUMANN U-64	2	2	0	1,191	2,382
Two-channel magnetic tape recorder - 1/4" AMPEX 440B-2	2	0	2	\$ 3,150	\$ 6,300

*Include Sales Tax

(continued)

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

6110
C. Allen

74-75
ordered

CONV. KIT

again, we have 2
what about existing?

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Research Labs & Service Rooms

SHEET NO. 193

DEPARTMENT MUSIC

B 104

Humanities Bldg.

PROJECT (Mandeville Center)

CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G07 <u>cont'd</u>					
Audio disc turntable Garrard Lab 80	1	1	0	107	107
Luxor Wall-Desk Lamp	4	0	4	\$ 30	\$ 120 *
Audio frequency testset Wave-form	2	0	2	\$ 1,250	\$ 2,500
○ Four-channel magnetic tape recorder AMPEX 440B-4	1	0	1	\$ 4,725	\$ 4,725
One-channel Magnetic tape recorder, battery-operated Nagra	1	0	1	\$ 2,000	\$ 2,000
Variable speed motor drive amplifier Multisync-MD4-1B	2 1	0	2	\$ 730	\$ 1,460
Starter Kit:					
Magnetic Ref. Lab. Test Tape #21 T 104	1	0	1	\$ 30	\$ 30 *
Magnetic Ref. Lab. Test Tape #21 J 105	1	0	1	\$ 30	\$ 30 *
Magnetic Ref. Lab. Test Tape #31 T 118	1	0	1	\$ 45	\$ 45 *
Magnetic Ref. Lab. Test Tape #31 J 119	1	0	1	\$ 45	\$ 45 *

(continued)

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Research Labs & Service Rooms

SHEET NO. 194

DEPARTMENT MUSIC

B104

Humanities Bldg.

PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G-07					
Starter Kit <u>cont'd</u>					
Magnetic Ref. Lab. Test Tape #22 A 108	1	0	1	\$ 35	\$ 35 X
Magnetic Ref. Lab. Test Tape #22 A 109	1	0	1	\$ 35	\$ 35 X
Magnetic Ref. Lab. Test Tape #41 T 115	1	0	1	\$ 160	\$ 160
Magnetic Ref. Lab. Test Tape #41 J 116	1	0	1	\$ 160	\$ 160
Customized Cabinets w/accessories	6	0	6	\$ 150	\$ 900
<u>Chairs-Triad Series T415-412</u>	6	0	6	\$ 58	\$ 348
Total Specialized Equipment					\$50,988

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Research Labs & Service Rooms

SHEET NO. 195

DEPARTMENT MUSIC

B108

Humanities Bldg.
PROJECT (Mandeville) CAMPUS San Diego
Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G-08 Tape Prep. & Storage @ 881 asf PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71 6 Graduate Students <u>Specialized Equipment</u>					
<u>Luxor wall/desk lamps</u>	4	0	4	\$ 30	\$ 120 *
<u>Mixing desk: 8-in/4-out w/talk-back and slating Tascom M-10 plus</u>	1	0	1	\$3,255	\$3,255
<u>Four-channel magnetic tape recorder - 1/2" Ampex AG-440-4</u> <i>w/ multi speed tape speed controller</i>	1	1	0	4,635	4,635
<u>Four-channel magnetic tape recorder - 1/4" Sony 854</u>	1	0	1	\$1,875	\$1,875 *
<u>Two-channel magnetic tape recorder - 1/4" Ampex 440B-2</u>	2	0	2	\$3,150	\$6,300
<u>Monitor amplifier/loudspeaker system Gotham OY</u>	4	0	4	\$ 702	\$2,808
<u>Audio frequency test set Wave-form</u>	1	0	1	\$1,250	\$1,250

This is now the sound studios.
3rd

Order 74-5

ordered 74-5

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Research Labs & Service Rooms

SHEET NO. 196

Humanities Bldg.

DEPARTMENT MUSIC

B108

PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G-08 <u>cont'd</u>					
<u>Audio disc turntable w/pre amplifier ABMK II Thorens TD-125</u>	1	0	1	\$ 394	\$ 394
<u>Shure SE-20 pre-amp</u>	1	0	1	\$ 353	\$ 353
Starter Kit:					
Magnetic Ref. Lab. Test Tape #21 T 104	1	0	1	\$ 30	\$ 30
Magnetic Ref. Lab. Test Tape #21 J 105	1	0	1	\$ 30	\$ 30
Magnetic Ref. Lab. Test Tape #31 T 118	1	0	1	\$ 45	\$ 45
Magnetic Ref. Lab. Test Tape #31 J 119	1	0	1	\$ 45	\$ 45
Magnetic Ref. Lab. Test Tape #22 A 108	1	0	1	\$ 35	\$ 35
Magnetic Ref. Lab. Test Tape #22 A 109	1	0	1	\$ 35	\$ 35
<u>Swivel Chairs w/arms</u>	2	0	2	\$ 75	\$ 150
<u>Side Chairs w/arms</u>	2	0	2	\$ 60	\$ 120
Total Specialized Equipment					\$16,845

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION
6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

to be checked

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices SHEET NO. 91
 DEPARTMENT MUSIC B120 PROJECT Humanities Bldg. (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G15 Office @ 224 asf					
PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71 & revised by Faculty May 1973.					
2 - Graduate Student FTE					
Desk, single pedestal 30" x 45"	2	0	2	\$ 107	\$ 214
Chair, swivel w/o arms	2	0	2	\$ 48	\$ 96
Bookcase, 36" x 12" x 78"	2	0	2	\$ 52	\$ 104
<u>UCSD TYPE D furniture</u>					
Generally Assignable Office Furniture Total					\$ 414
<u>Specialized Equipment</u>					
IBM Selectric I typewriter	1	1	0		420
Total Specialized Equipment					-0-

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

Presently in use and so listed

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Research Labs & Service Rooms

Humanities Bldg.

SHEET NO. 203

DEPARTMENT MUSIC B122

PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G-16 Instrument Shop @ 243 asf PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/ 9/71 & revised by Faculty May 1973 1 - Academic FTE 3 Graduate Students Desk, executive 30" x 60" w/45" L Unit Chair, swivel w/arms Table, 30" x 60" Chairs, side w/o arms Bookcase, 36" x 12" x 78" File, 5 drawer, lettersize <u>UCSD TYPE B furniture</u> Desk, single pedestal 30" x 45" Chair, swivel w/o arms Bookcase, 36" x 12" x 78" <u>UCSD TYPE D furniture</u> Generally Assignable Office Furniture Total					
	1	0	1	\$ 181	\$ 181
	1	0	1	\$ 82	\$ 82
	1	0	1	\$ 86	\$ 86
	2	0	2	\$ 48	\$ 96
	3	0	3	\$ 52	\$ 156
	1	0	1	\$ 82	\$ 82
					\$ 683
	3	0	3	\$ 107	\$ 321
	3	0	3	\$ 48	\$ 144
	3	0	3	\$ 52	\$ 156
					\$ 621
					\$1,304

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Research Labs & Service Rooms

SHEET NO. 204

DEPARTMENT MUSIC B122

Humanities Bldg.

PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST		
				Unit Cost*	Total Cost	
Space No. G-16 <u>cont'd</u>						
<u>Specialized Equipment</u>						
Music Typewriter ?	1	0	1	\$ 950	\$ 950 ⊗	
					\$ 950	
		Total Specialized Equipment				\$ 950

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices

SHEET NO. 92

DEPARTMENT MUSIC B124

Humanities Bldg.
PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G17 Office @ 243 asf					
PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71 & revised by Faculty May 1973.					
1 - Nonacademic Professional 1 - Nonacademic Clerical					
Desk; executive 30" x 60" w/45" L Unit	1	0	1	\$ 181	\$ 181
Chair, swivel w/ arms	1	0	1	\$ 82	\$ 82
Table 30" x 60"	1	0	1	\$ 86	\$ 86
Chairs, side w/o arms	2	0	2	\$ 66	\$ 132
Bookcase 36" x 12" x 78"	1	0	1	\$ 52	\$ 52
File, 5 drawer, lettersize	1	0	1	\$ 82	\$ 82
UCSD TYPE B furniture			[subtotal]		\$ 549
Desk, typist 30" x 60" w/45" L Unit	1	0	1	\$ 182	\$ 182
Chair, typist	1	0	1	\$ 44	\$ 44
Table 30" x 60"	1	0	1	\$ 86	\$ 86
Chair, side w/o arms	1	0	1	\$ 33	\$ 33
Bookcase; 36" x 12" x 78"	1	0	1	\$ 52	\$ 52
UCSD TYPE C furniture			[subtotal]		\$ 397
Total Generally Assignable Office Furniture					\$ 946
Specialized Equipment					
IBM Selectric I typewriter	1	1	0	367	367
Total Specialized Equipment					-0-

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

held

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Undergraduate Labs & Service Rooms

SHEET NO. 156

DEPARTMENT MUSIC B126

Humanities Bldg.
PROJECT (Mandeville CAMPUS San Diego
Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G18 Laboratory @ 130 asf PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71 & revised by Faculty May 1973. 9 students <u>Specialized Equipment</u>					
Two-channel tape recorder with sel sync on one channel Sony 850-2S	9	0	9	\$1,200	\$10,800 X
Two-channel head-set amplifier Shure Solophone SA-1	9	0	9	\$ 50	\$ 450 X
Two-channel head-set Pioneer	9	0	9	\$ 50	\$ 450 X
Magnetic Cardioid microphone Electrovoice or Sennheiser	9	0	9	\$ 150	\$ 1,350 X
Enclosed carrell	9	0	9	\$ 150	\$ 1,350 X
Chairs-Triad T415-412	9	0	9	\$ 58	\$ 580
Total Specialized Equipment					\$14,922

*what purpose?
what do we now
have?*

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices

SHEET NO. 93

DEPARTMENT MUSIC

B 127

Humanities Bldg.

PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G19 Office @ 159 asf					
PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71					
1 - Academic FTE					
Desk, executive 30" x 60" w/45" L unit	1	0	1	\$ 181	\$ 181
Chair, swivel w/arms	1	0	1	\$ 82	\$ 82
Chairs, side w/c arms	2	0	2	\$ 48	\$ 96
Bookcase, 36" x 12" x 78"	2	0	2	\$ 52	\$ 104
File, 5 drawer, lettersize	1	0	1	\$ 82	\$ 82
UCSD TYPE B furniture					
Generally Assignable Office Furniture Total					\$ 545
<u>Specialized Equipment</u>					
Two-channel magnetic tape recorder - 1/4" SONY 650-2	1	1	0		\$ 400
Two-channel pre-amplifier DYNA- KIT PAS-3X	1	0	1	\$ 100	\$ 100
Two-channel loudspeaker ampli- fier DYNA-KIT SCA-35	1	0	1	\$ 130	\$ 130
Audio disc turntable Thorens TD-150 or Garrard SL 55	1	0	1	\$ 150	\$ 150
Loudspeaker system AR-2a or KLH-6	2	0	2	\$ 150	\$ 300

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices

SHEET NO. 94

DEPARTMENT MUSIC B127

Humanities Bldg.
PROJECT (Mandeville CAMPUS San Diego
Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G19 <u>cont'd</u>					
Upright Studio Piano (Kimball)	1	0	1	\$ 995	\$ 995
Customized cabinet w/accessories	1	0	1	\$ 138	\$ 138
					Total Specialized Equipment
					<u>\$1,813</u>

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices

Humanities Bldg.

SHEET NO. 95

DEPARTMENT MUSIC

B 128

PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G20 Office @ 111 asf					
PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71					
1 - Academic FTE					
Desk, executive 30" x 60" w/45 L Unit	1	0	1	\$ 181	\$ 181
Chair, swivel w/arms	1	0	1	\$ 82	\$ 82
Chairs, side w/o arms	2	0	2	\$ 48	\$ 48
Bookcase, 36" x 12" x 78"	2	0	2	\$ 52	\$ 104
File, 5 drawer, lettersize	1	0	1	\$ 82	\$ 82
UCSD TYPE B furniture	Generally Assignable Office Furniture			Total	\$ 545
<u>Specialized Equipment</u>					
Two-channel magnetic tape recorder - 1/4" SONY 650-2	1	1	0	\$ 700	\$ 700
Two-channel pre-amplifier DYNA- KIT PAS-3X	1	0	1	\$ 100	\$ 100
Two-channel loudspeaker ampli- fier DYNA-KIT SCA-35	1	0	1	\$ 130	\$ 130
Audio disc turntable Thorens TD-150 or Garrard SL 55	1	1	0		
Loudspeaker system AR-2a or KLH-6	2	0	2	\$ 150	\$ 300

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices

SHEET NO. 96

DEPARTMENT MUSIC B128

Humanities Bldg.
PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G20 <u>cont'd</u>					
Upright Studio Piano (Kimball)	1	0	1	\$ 995	\$ 995
Customized Cabinet w/accessories	1	0	1	\$ 138	\$ 138
	Total		Specialized Equipment		\$2,363

*re-check total
see 0 on other page*

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices

SHEET NO. 97

DEPARTMENT MUSIC

Humanities Bldg.
PROJECT (Mandeville CAMPUS San Diego
Center)

B129, B130, B131, B132

B138, B139, B140, B141 RESP

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space Nos. G21, G22, G23, G24, G30, G31, G32, G33. 8 Offices @ 119 asf each, for a total of 952 asf.					
PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71					
1 - Academic FTE each office					
Total 8 - Academic FTEs					
Desk, executive 30" x 60" w/45" L Unit	8	0	8	\$ 181	\$1,448
Chair, swivel w/arms	8	0	8	\$ 82	\$ 656
Chairs, side w/o arms	16	0	16	\$ 48	\$ 768
Bookcase, 36" x 12" x 78"	16	0	16	\$ 52	\$ 832
File, 5 drawer, lettersize	8	0	8	\$ 82	\$ 656
UCSD TYPE E furniture					
<u>Specialized Equipment</u>					
Two-channel magnetic tape recorder - 1/4" SONY 650-2	8	6	2	\$ 700	\$1,400
Two-channel pre-amplifier DYNA- KIT PAS-3	8	0	8	\$ 100	\$ 800
Two-channel loudspeaker ampli- fier DYNA-KIT SCA-35	8	0	8	\$ 130	\$1,040
Audio disc turntable Thorens TD-150 or Garrard SL 55	8	8	0		
*Include Sales Tax					200 1600

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices

SHEET NO. 98

DEPARTMENT MUSIC

Humanities Bldg.

PROJECT (Mandeville Center) CAMPUS San Diego

B129, B130, B131, B132

B138, B139, B140, B141

RESP

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space Nos. G21, G22, G23, G24, G30, G31, G32, G33 <u>cont'd</u>					
Loudspeaker system AR-2a or KLH-6	16	0	16	\$ 150	\$2,400
Upright Studio Piano (Kimball)	8	0	8	\$ 995	\$7,960 (X)
Customized cabinet w/accessories	8	0	8	\$ 138	\$1,104
Total			Specialized Equipment		<u>14,704</u> <u>\$15,168</u>

*Include Sales Tax

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices

SHEET NO. 100

DEPARTMENT MUSIC

Humanities Bldg.

PROJECT (Mandeville Center) CAMPUS San Diego

B 133, B 134, B 136, B 137

(RESP)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space Nos. G25, G26, G28, G29 <u>cont'd</u>					
Loudspeaker system AR-2a or KLH-6	8	0 <i>75-76 order 4 only</i>	8	\$ 150 150	\$1,200 600 (X)
Customized cabinet w/acces- sories	4	0 <i>75-76 order 3 only</i>	4	\$ 138 138	\$ 552 414 (X)
Total Specialized Equipment					\$6,072

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices

SHEET NO. 101

DEPARTMENT MUSIC B142

Humanities Bldg.
PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G34 Office @ 185 asf					
PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71					
1 - Academic FTE					
Desk, executive 30" x 60" w/ 45" L Unit	1	0	1	\$ 181	\$ 181
Chair, swivel w/arms	1	0	1	\$ 82	\$ 82
Table, 30" x 60"	1	0	1	\$ 86	\$ 86
Chairs, side w/o arms	2	0	2	\$ 48	\$ 96
Bookcase, 36" x 12" x 78"	3	0	3	\$ 52	\$ 156
File, 5 drawer, lettersize	1	0	1	\$ 82	\$ 82
<u>UCSD TYPE B furniture</u>					
<u>Specialized Equipment</u>					
Two-channel magnetic tape recorder - 1/4" SONY 650-2	1	0	1	\$ 700	\$ 700
Two-channel pre-amplifier DYNA- KIT PAS-3	1	0	1	\$ 100	\$ 100
Two-channel loudspeaker ampli- fier DYNA-KIT SCA-35	1	0	1	\$ 130	\$ 130
Audio disc turntable Thorens TD-150 <u>or</u> Garrard SL 55	1	0	1	\$ 150	\$ 150
Loudspeaker system AR-2a <u>or</u> KLH-6	2	0	2	\$ 150	\$ 300
Generally Assignable Office Furniture Total					\$ 683

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices

SHEET NO. 102

DEPARTMENT MUSIC B142

Humanities Bldg.
PROJECT (Mandeville CAMPUS San Diego
Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G34 <u>cont'd</u>					
Upright Studio Piano (Kimball)	1	0	1	\$ 995	\$ 995
Customized cabinet w/accessories	1	0	1	\$ 138	\$ 138
Total Specialized Equipment					\$2,513

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Undergraduate Labs & Service Rooms

SHEET NO. 157

DEPARTMENT MUSIC B144

Humanities Bldg.
PROJECT (Mandeville CAMPUS San Diego
Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G 36 Rehearsal @ 290 asf					
PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71					
8 students <u>Specialized Equipment</u> <u>Grand Piano-6 foot</u>	1	0	1	\$6,000	\$ 6,000
Two-channel magnetic tape recorder - 1/4":Revox 1302 HSR	1	1	0	791	791
Two-channel pre-amplifier/ampli- fier system SONY 1120	1	1	0	415	415
Loudspeaker system AR-3	2	2	0	231	462
Cardioid magnetic microphone Electrovoice 666	2	2	0	159	318
<u>Student/Performer Music Stands</u>	8	8	0	15	120
<u>Performance Chairs GF40-4</u>	8	0	8	\$ 40	\$ 320
Total Specialized Equipment					\$ 6,320

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Undergraduate Labs & Service Rooms

SHEET NO. 158

DEPARTMENT MUSIC B145

Humanities Bldg.
PROJECT (Mandeville CAMPUS San Diego
Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G 37 Rehearsal @ 290 asf					
PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71					
8 students					
<u>Specialized Equipment</u>					
Two-channel magnetic tape recorder - 1/4":Sony 777	1	1	0	433	433
Two-channel pre-amplifier/ampli- fier SONY 1120	1	0	1	\$ 550	\$ 550
Loudspeaker system AR-3	2	0	2	\$ 250	\$ 500
Omni-directional magnetic microphone Electrovoice RE-55	2	0	2	\$ 175	\$ 350
Customized cabinet w/accessories	1	0	1	\$ 140	\$ 140
<u>Student/Performer Music Stands</u>	8	8	0	15	120
<u>Performance Chairs GF 40-4</u>	8	0	8	\$ 40	\$ 320
Goble Harpsichord	1	1	0	4,380	4,380
Dutch Baroque Organ/Flintrop	1	0	1	\$4,000	\$ 4,000
Total Specialized Equipment					\$ 5,860

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problem
- look*

12 no.

*what
about present
organ?*

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

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UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Undergraduate Labs & Service Rooms

SHEET NO. 159

DEPARTMENT MUSIC

B150

Humanities Bldg.

PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G 38 Multiple Rehearsal Room @ 1593 asf PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71 30 students					
<u>Specialized Equipment</u>					
<u>Two-channel magnetic tape recorder - 1/4":Revox 1302 HSR</u>	1	0	1	\$ 945	\$ 945
Two-channel pre-amplifier: Dyna- kit PAS-3 or PAT-4	2	2	0	140	280
Loudspeaker amplifier Dyna-kit Mark III	4	4	0	120	480
<u>Loudspeaker system Altec A7-500</u>	4	0	4	\$ 475	\$1,500
Audio Disc turntable Thorens TD-150	1	1	0	200	200
<u>Customized cabinet w/accessories</u>	1	0	1	\$ 244	\$ 244
<u>Performance Chairs GF40-4</u>	30	0	30	\$ 40	\$1,200
Student/Performer Music Stands	15	15	0	15	225
<u>Gamelang Javanese Collection</u>	1	0	1	\$13,500	\$13,500
Total Specialized Equipment					\$17,789

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION
6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

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UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Undergraduate Labs & Service Rooms

SHEET NO. 160

DEPARTMENT MUSIC B151

Humanities Bldg.
PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G 39 Control Room @ 321 asf					
PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71					
2 occupants					
<u>Specialized Equipment</u>					
<u>Two-channel magnetic tape recorder - 1/4": Ampex 440B-2</u>	3	0	3	\$3,150	\$9,450
Microphone mixer Langevin	2	2	0	525	1,050
Studio "A" or "B" amplifiers Dyna-kit Mark III	2	2	0	120	240
Monitor amplifier Langevin AM-50	2	2	0	330	660
Monitor loudspeaker system Altec 844A	2	2	0	327	654
Omni-directional magnetic microphone Electrovoice RE-55	4	0	4	\$ 175	\$ 700
Cardioid magnetic microphone Electrovoice RE-16	4	0	4	\$ 175	\$ 700
Audio disc turntable w/pre- amplifier Thorens TD-125 ABMK II with Shure SE-20	1 1	0 0	1 1	\$ 394 \$ 353	\$ 394 \$ 353

4th recording space! not essential

we have?

(continued)

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Undergraduate Labs & Service Rooms

SHEET NO. 161

DEPARTMENT MUSIC B 151

Humanities Bldg.
PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G 39 cont'd			(B) 75-76 order 2 at current price	250	500 (X)
Magnetic tape editing/mixing stations:			RECENT PRICE CHANGES + MODEL CHANGES !!		
(B) Viking 807 Playback Monarch pre-amps (stereo) Mixers	40	28	(10) 12 (B)	\$ 250	\$3,000 (2,000)
(A) SONY two-channel tape recorders - 1/4 Koss headset	40	0	→ 40/12 (S) MIXERS	\$ 20	\$ 800 (312)
	22	0	(5) 22 (A)	\$ 700	\$15,400 (7,000)
	25	0	25 (S)	\$ 50	\$1,250 (200)
Portable magnetic tape recorder one channel 1/4" SONY 800	25	11	14	\$ 300	\$4,200 (X)
Two-channel magnetic tape recorder - 1/4" with sync provision on Channel A BECORD 2000	4	4	0	543	2172
Cardioid condenser microphone system Sennheizer MK 405	4	4	0	543	1834
Cardioid magnetic microphone system Sennheizer MD 421	2	2	0	118	236
Close-talking cardioid magnetic microphone AKG D-1000	6	6	0	65	390
Portable sound synthesizer: Synthi VCS-3	1	0	1	\$1,575	\$1,575

what about eq. this equip?

(continued)

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

(A) for 75-76 order ^{10 @ 700} only
this represents a ~~step~~

Issued Nov. 24, 1969

change (price change) in # to be ordered 1,400 ↑

current price

7000
14,400 (X)

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Undergraduate Labs & Service Rooms

SHEET NO. 162

DEPARTMENT MUSIC B 151

Humanities Bldg.
PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G 39 <u>cont'd</u>					
Luxor wall/desk lamp	4	0	4	\$ 30	\$ 120 X
Customized cabinet w/accessories	6	0	6	\$ 150	\$ 900 X
Total Specialized Equipment					\$38,842

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Research Labs & Service Rooms

SHEET NO. 206

DEPARTMENT MUSIC B152

Humanities Bldg.
PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G 40 <u>Multiple Rehearsal Room</u> @ 1193 asf PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71 20 Graduate Students		<i>NO</i>			
Two-channel magnetic tape recorder - 1/4" Revox 1302 HSR.	1	0	1	\$ 945	\$ 945
Two-channel pre-amplifier Marantz 7-T	1	1	0	500	500
Two-channel loudspeaker ampli- fier Marantz 15	1	1	0	402	402
Loudspeaker system Altec A7-500	2	2	0	299	598
Audio disc turntable Thorens TD-150	1	1	0	175	175
<u>Customized Cabinet w/accessories</u>	1	0	1	\$ 150	\$ 150
<u>Performance Chairs GF40-4</u>	20	0	20	\$ 40	\$ 800
<u>Student/Performer Music Stands</u>	10	0	10	\$ 15	\$ 150 *
Total Specialized Equipment					\$ 2,045

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP _____

SHEET NO. 163

DEPARTMENT _____

PROJECT _____

CAMPUS _____

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G 41 Concert Shell @ 748 asf PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71 <u>Specialized Equipment</u>					
<u>Parron-Hall Performance Lamps</u>	3	0	3	\$ 175	\$ 525
Student/Performer Music Stands	10	10	0	15	150
Performance Chairs GF40-4	20	0	20	\$ 40	\$ 800
Chairs-Triad Series T415-412	30	0	30	\$ 58	\$1,740
Total Specialized Equipment					\$3,065

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Undergraduate Labs & Service Rooms

SHEET NO. 164

DEPARTMENT MUSIC B 146

Humanities Bldg.
PROJECT (Mandeville) CAMPUS San Diego
Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS PEQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G 42 Rehearsal @ 515 asf PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71 16 students					
<u>Specialized Equipment</u>					
<u>Grand Piano-6 foot</u>	1	0	1	\$6,000	\$6,000
Two-channel magnetic tape recorder - 1/4" Revox 1302 HSR	1	1	0	791	791
Two-channel pre-amplifier: Dyna-kit PAT-4	1	1	0	140	140
Loudspeaker amplifier Dyna-kit Mark III	2	0	2	\$ 130	\$ 260
Loudspeaker system Altec A7-500	2	2	0	393	786
Omni-directional magnetic microphone Electrovoice RE-55	2	0	2	\$ 175	\$ 350
<u>Performance Chairs GF40-4</u>	16	0	16	\$ 58	\$ 928
Student/Performer Music Stands	8	8	0	15	120
Customized cabinet w/accessories	1	0	1	\$ 153	\$ 153
Total Specialized Equipment					\$7,691

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

X

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Undergraduate Labs & Service Rooms SHEET NO. 165
 DEPARTMENT MUSIC B160 Humanities Bldg.
 PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G 44 Prop Shop & Storage @ 754 asf					
PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71					
1 Technician					
Desk, executive 30" x 60" w/45" L unit	1	0	1	\$ 181	\$ 181
Chair, swivel w/arms	1	0	1	\$ 82	\$ 82
Table 30" x 60"	1	0	1	\$ 86	\$ 86
Chair, side w/o arms	2	0	2	\$ 33	\$ 66
Bookcase 36" x 12" x 78"	1	0	1	\$ 52	\$ 52
File, 5 drawer, lettersize	1	0	1	\$ 82	\$ 82
<u>UCSD TYPE B Furniture</u>	Total Generally Assignable Office Furniture				\$ 549
Specialized Equipment					
Oscilloscope: Tekronix 422	1	1	0	1,456	1,456
Vacuum-tube voltmeter Hewlett/ Packard 427A	1	1	0	308	308
Oscillator: Hewlett/Packard 201C	1	1	0	265	265
Loudspeaker amplifier Dyna-kit X SCA-35	1	0	1	\$ 184	\$ 184
Loudspeaker system KLH-6	2	0	2	\$ 215	\$ 215
Audio tape recorder test set/ flutter meter Ferrograph	1	0	1	\$1,575	\$1,575

(Space #G44 list page 1 of 6)(continued)

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Undergraduate Labs & Service Rooms

SHEET NO. 166

DEPARTMENT MUSIC B160

Humanities Bldg.
PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G 44 <u>cont'd</u>					
Portable, battery-operated magnetic tape recorder - 1/4" full-track NAGRA	4	3	1	\$2,000	\$2,000
Portable, battery-operated mag- netic tape recorder - 1/4" two- channel NAGRA	1	0	1	\$2,500 \$3,150	\$2,500
Two-channel magnetic tape recorder - 1/4" Ampex 350-2	1	1	0	2,042	2,042
Noise reduction systems for tape recorder Dolby 301A	2	2	0	1,288.50	2,577
Sound-Pressure-Level meters: B&K with octave filter	2	0	2	\$ 250	\$ 500
Portable sound synthesizer Synthi VCS-3	1	0	1	\$1,575	\$1,575
Combined 1/3-rd octave equalizer /band pass filter-expander ITI Parametric Equalizer	2	0	2	\$1,533	\$3,066
1/3-rd octave graphic equalizer Universal Audio 527A	2	0	2	\$ 620	\$1,240
Acoustical Audio system analyzer UREI Sonipulse 100-A	1	0	1	\$1,103	\$1,103

(Space #G44 list page 2 of 6) (continued)

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Undergraduate Labs & Service Rooms

SHEET NO. 147

DEPARTMENT MUSIC B 160

Humanities Bldg.
PROJECT (Mandeville CAMPUS San Diego Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G 44 <u>cont'd</u>					
Cardioid magnetic microphone Electrovoice RE-16	4	0 <i>75-16</i>	4 <i>2 only</i>	\$ 175 <i>175</i>	\$ 700 <i>- 350</i>
Shotgun dynamic microphone AKG D-900 system	2	0	2	\$ 300	\$ 600
Ribbon microphone RCA 770X	2	0	2	\$ 184	\$ 368
Cardioid condenser microphone system for Nagra Neuman KM-83	2	0 <i>NO</i>	2	\$ 301	\$ 602
Two-channel microphone mixer for performance Shure	1	1	0	150	150
One-channel microphone mixer for performance Shure	1	1	0	115	115
Frequency counter Heathkit	1	1	0	300	300
Audio frequency controllers for performance Advent	1	1	0	209	209
Audio frequency oscilloscope Hewlett/Packard 202C	1	1	0	341	341
Vacuum-tube voltmeter Hewlett/ Packard 400D	1	1	0	240	240
<i>Order</i> <i>74-5</i> Audio frequency testset Wave- Form	<i>995</i> 1	0	1	\$1,250	\$1,250

(Space #G44 list page 3 of 6) (Continued)

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

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UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Undergraduate Labs & Service Rooms

SHEET NO. 128.

DEPARTMENT MUSIC B160

Humanities Bldg.
PROJECT (Mandeville CAMPUS San Diego
Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G 44 <u>cont'd</u>					
<i>ordered</i> <i>74-5</i> Audio frequency distortion x analysis equipment Hewlett/ Packard 334A <i>+ fluke</i> <i>+ impedance bridge</i>	1	0	1	\$ 998	\$ 998
Audio frequency capacitor tester	1	0	1	\$ 158	\$ 158
Audio frequency square-wave generator Hewlett/Packard	1	0	1	\$ 352	\$ 352
Variable speed motor drive am- plifier: Multisync MDA-1B	2	0	2	\$ 730	\$1,460
Combination amplifier loudspea- ker, portable for use with Nagra	1	1	0	332	332
Portable microphone mixer for use with Nagra	1	1	0	150	150
Synchronizer for use with Nagra sync recorder: NAGRA SLO	1	1	0	458	458
Single channel bandpass filter Langevin EQ 259	1	1	0	346	346
Single channel graphic equalizer Gotham EQ-1000	1	1	0	1,030	1,030
Single channel reverberation springs FAIRCHILD	1	1	0	1,034	1,034

(Space #G44 list page 4 of 6) (Continued)

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Undergraduate Labs & Service Rooms

SHEET NO. 169.

DEPARTMENT MUSIC

B160

Humanities Bldg.
PROJECT (Mandeville CAMPUS San Diego
Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G 44 <u>cont'd</u>					
Two-channel ring modulator:BODE	1	1	0	682	682
Two-channel frequency shifter: BODE	1	1	0	1,470	1,470
Random noise generator: General Radio	1	1	0	348	348
Monaural pre-amplifier Dyna-kit PAS-1	4	0	4	\$ 150	\$ 600
Power supply for pre-amplifier: Dyna-kit	2	0	2	\$ 150	\$ 300
Loudspeaker amplifier Dyna-kit Mark III	4	0	4	\$ 130	\$ 520
<u>Loudspeaker system for use in wide-band scientific applica- tions and acoustic studies</u>					
JB Lansing 4350	2	0	2	\$1,380	\$2,760
Loudspeaker system for portable use Large: JBL 4320	2	0	2	\$ 630	\$1,260
Loudspeaker system for portable use Small: AR-3	4	0	4	\$ 250	\$1,000
Omni-directional magnetic micro- phone Electrovoice RE-55	4	0	4	\$ 175	\$ 700

*duplication
here?*

(Space #G44 list page 5 of 6) (Continued)

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Undergraduate Labs & Service Rooms

SHEET NO. 170.

DEPARTMENT MUSIC B160

PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. G 44 <u>cont'd</u>					
<u>Measuring microphone and accessories for Sonipulse: UREI</u>	1	0	1	\$ 237	\$ 237
<u>Customized cabinet w/accessories</u>	6	0	6	\$ 150	\$ 900
<u>Starter Kit:</u>					
Magnetic Ref. Lab. Test Tape #21 T 104	1	0	1	\$ 30	\$ 30
Magnetic Ref. Lab. Test Tape #21 J 105	1	0	1	\$ 30	\$ 30
Magnetic Ref. Lab. Test Tape #31 T 118	1	0	1	\$ 45	\$ 45
Magnetic Ref. Lab. Test Tape #31 J 119	1	0	1	\$ 45	\$ 45
Magnetic Ref. Lab. Test Tape #22 A 108	1	0	1	\$ 35	\$ 35
Magnetic Ref. Lab. Test Tape #22 A 109	1	0	1	\$ 35	\$ 35
Magnetic Ref. Lab. Test Tape #41 T 115	1	0	1	\$ 160	\$ 160
Magnetic Ref. Lab. Test Tape #41 J 116	1	0	1	\$ 160	\$ 160
Total Specialized Equipment					\$29,263

(Space #G44 list page 6 of 6)

*Include Sales Tax

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices

SHEET NO. 104

DEPARTMENT MUSIC 109

Humanities Bldg.
PROJECT (Mandeville CAMPUS San Diego Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. 109 Office @ 161 asf					
PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71					
1 - Nonacademic Professional					
Desk, executive 30" x 60" w/ 45" L Unit	1	0	1	\$ 181	\$ 181
Chair, swivel w/arms	1	0	1	\$ 82	\$ 82
Table, 30" x 60"	1	0	1	\$ 86	\$ 86
Chairs, side w/o arms	2	0	2	\$ 33	\$ 66
Bookcase, 36" x 12" x 76"	1	0	1	\$ 52	\$ 52
File, 5 drawer, lettersize	1	0	1	\$ 82	\$ 82
UCSD TYPE B furniture	Generally Assignable Office Furniture Total				\$ 549
<u>Specialized Equipment</u>					
<u>IBM Selectric II Typewriter</u>	1	0	1	\$ 693	\$ 693
Hermes Adding Machine	1	1	0	155	155
	Total Specialized Equipment				\$ 693

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices

SHEET NO. 105

DEPARTMENT MUSIC 110

Humanities Bldg.
PROJECT (Mandeville CAMPUS San Diego
Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. 110 Office @ 180 asf Department Chairman PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71 1 - Academic FTE Desk, executive 30" x 60" w/45" L Unit Chair, swivel w/arms Table, 30" x 60" Chairs, side w/o arms Bookcase, 36" x 12" x 78" File, 5 drawer, lettersize					
	1	0	1	\$ 181	\$ 181
	1	0	1	\$ 82	\$ 82
	1	0	1	\$ 86	\$ 86
	2	0	2	\$ 48	\$ 96
	3	0	3	\$ 52	\$ 156
	1	0	1	\$ 82	\$ 82
UCSD TYPE B furniture	Generally Assignable Office Furniture Total				\$ 683
Specialized Equipment					
<i>Ordered</i> <i>74-5</i> IBM Selectric II Typewriter X	1	0	1	\$ 693	\$ 693
	Total Specialized Equipment				693

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969.

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices

SHEET NO. 106

DEPARTMENT MUSIC ///

Humanities Bldg.
PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. 112 Reception @ 240 asf					
PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71					
1 - Nonacademic Professional					
1 - Nonacademic Clerical					
Desk, executive 30" x 60" w/ 45" L Unit	1	0	1	\$ 181	\$ 181
Chair, swivel w/arms	1	0	1	\$ 82	\$ 82
Table, 30" x 60"	2	0	2	\$ 86	\$ 172
Desk, typist 30" x 60" w/ 45" L Unit	1	0	1	\$ 182	\$ 182
Chair, typist	1	0	1	\$ 44	\$ 44
Chair, side w/o arms	3	0	3	\$ 33	\$ 99
Bookcase, 36" x 12" x 78"	2	0	2	\$ 52	\$ 104
File, 5 drawer, lettersize	1	0	1	\$ 82	\$ 82
<u>UCSD TYPE B furniture</u>				\$ 549	
<u>UCSD TYPE C furniture</u>				\$ 397	
			General Assignable Office Furniture	Total	\$ 946
Specialized Equipment					
IBM Selectric II Typewriter	1	1	0	556	556
IBM Selectric I Typewriter	1	1	0	309	309
			Total Specialized Equipment		-0-

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

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Country? → D. G. G. & another form

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices

SHEET NO. 107

DEPARTMENT MUSIC

112 / 113

Humanities Bldg.
PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. 113 Storage & Workroom @ 144 asf PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/ 71 <u>Specialized Equipment</u> Automatic Spirit Duplicating Machine	1	0	1	\$ 700	\$ 700
					\$ <u>700</u>
				Total Specialized Equipment	

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

What will be set up?

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices

SHEET NO. 108

DEPARTMENT MUSIC

Humanities Bldg.
PROJECT (Mandeville CAMPUS San Diego
Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. 114 Conference Room @ 430 asf PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71 30 occupants <u>Specialized Equipment</u> Two-channel magnetic tape recorder - 1/4" SONY 650-2	1	0	1	\$ 700	\$ 700
Two-channel pre-amplifier DYNA- KIT PAS-3	1	0	1	\$ 100	\$ 100 *
Two-channel loudspeaker ampli- fier DYNA-KIT SCA-35	1	0	1	\$ 130	\$ 130
Audio disc turntable Thorens TD-150 <u>or</u> Garrard SL 55	1	0	1	\$ 150	\$ 150
Loudspeaker system AR-2a <u>or</u> KLH-6	2	0	2	\$ 150	\$ 300
Upright Studio Piano (Kimball)	1	0	1	\$ 995	\$ 995
Customized cabinet w/accessories	1	0	1	\$ 138	\$ 138
<u>Folding Conference Table</u>	2	0	2	\$ 345	\$ 690
<u>Chairs-Triad Series T415-412</u>	20	0	20	\$ 58	\$1,160
Total Specialized Equipment					\$4,363

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices SHEET NO. 114
 DEPARTMENT MUSIC 120 Humanities Bldg.
 PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. 120 Office @ 134 asf					
PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71					
1 - Academic FTE					
Desk, executive 30" x 60" w/ 45" L Unit	1	0	1	\$ 181	\$ 181
Chair, swivel w/arms	1	0	1	\$ 82	\$ 82
Chairs, side w/o arms	2	0	2	\$ 48	\$ 96
Bookcase, 36" x 12" x 78"	3	0	3	\$ 52	\$ 156
File, 5 drawer, lettersize	1	0	1	\$ 82	\$ 82
<u>UCSD TYPE B furniture</u>					
Generally Assignable Office Furniture Total					\$ 597

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

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Prog. unit. ?

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices

SHEET NO. 115

DEPARTMENT MUSIC 124

Humanities Bldg.
PROJECT (Mandeville CAMPUS San Diego
Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. 121 Office @ 138 asf					
PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71					
1 - Academic FTE					
Desk, executive 30" x 60" w/ 45" L Unit	1	0	1	\$ 181	\$ 181
Chair, swivel w/arms	1	0	1	\$ 82	\$ 82
Chairs, side w/o arms	2	0	2	\$ 48	\$ 96
Bookcase, 36" x 12" x 78"	3	0	3	\$ 52	\$ 156
File, 5 drawer, lettersize	1	0	1	\$ 82	\$ 82
<u>UCSD TYPE B furniture</u>					
Generally Assignable Office Furniture Total					\$ 597
<u>Specialized Equipment</u>					
Upright Studio Piano (Kimball)	1	0	1	\$ 995	\$ 995
Total Specialized Equipment					\$ 995

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

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UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Classrooms & Seminar Rooms

SHEET NO. 137

DEPARTMENT MUSIC 125

Humanities Bldg.

PROJECT (Mandeville CAMPUS San Diego Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. 122 Classroom/Seminar Room @ 440 asf					
PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71					
15 students Specialized Equipment		NO			
Two-channel magnetic tape recorder - 1/4" Revox 1302 HSR	1	0	1	\$ 945	\$ 945
Two-channel pre-amplifier Crown Ic-150	1	0	1	\$ 284	\$ 284
Two-channel amplifier Crown D-40	1	0	1	\$ 250	\$ 250
Audio disc turntable Thorens TD- 125 Mark II w/SME arm V15 III cartridge & base	1	0	1	\$ 400	\$ 400
Loudspeaker system JBLansing 4310	2	0	2	\$ 250	\$ 500
Customized cabinet w/accessories	1	0	1	\$ 150	\$ 150
<u>Student/Performer Music Stands</u>	8	0	8	\$ 15	\$ 120
<u>Performance Chairs GE40-4</u>	15	0	15	\$ 40	\$ 600
<u>Grand Piano-6 foot</u>	1	0	1	\$6,000	\$6,000
Total Specialized Equipment					\$9,249

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices SHEET NO. 116
 DEPARTMENT MUSIC 121 Humanities Bldg.
 PROJECT (Mandeville Center) CAMPUS San Diego

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. 124. Office @ 188 asf PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71 1 - Academic FTE Desk, executive 30" x 60" w/ 45" L Unit	1	0	1	\$ 181	\$ 181
Chair, swivel w/arms	1	0	1	\$ 82	\$ 82
Table, 30" x 60"	1	0	1	\$ 86	\$ 86
Chairs, side w/o arms	2	0	2	\$ 48	\$ 96
Bookcase, 36" x 12" x 78"	3	0	3	\$ 52	\$ 156
File, 5 drawer, lettersize	1	0	1	\$ 82	\$ 82
<u>UCSD TYPE B furniture</u>	Generally Assignable Office Furniture			Total	\$ 683
<u>Specialized Equipment</u>					
Upright Studio Piano (Kimball)	.1	0	1	\$ 995	\$ 995
Total Specialized Equipment					\$ 995

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices

SHEET NO. 117

DEPARTMENT MUSIC 122

Humanities Bldg.
PROJECT (Mandeville CAMPUS San Diego
Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. 125 Office @ 173 asf PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71 1 - Academic FTE Desk, executive 30" x 60" w/ 45" L Unit	1	0	1	\$ 181	\$ 181
Chair, swivel w/arms	1	0	1	\$ 82	\$ 82
Table, 30" x 60"	1	0	1	\$ 86	\$ 86
Chairs, side w/o arms	2	0	2	\$ 48	\$ 96
Bookcase, 36" x 12" x 78"	3	0	3	\$ 52	\$ 156
File, 5 drawer, lettersize	1	0	1	\$ 82	\$ 82
<u>UCSD TYPE B furniture</u>	Generally Assignable Office Furniture			Total	\$ 683
<u>Specialized Equipment</u>					
Upright Studio Piano	1	0	1	\$ 995	\$ 995
Total Specialized Equipment					\$ 995

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Faculty & Administrative Offices

SHEET NO. 118

DEPARTMENT MUSIC 123

Humanities Bldg.
PROJECT (Mandeville) CAMPUS San Diego
Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. 126 Office @ 141 asf PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71 1 - Academic FTE Desk, executive 30" x 60" w/ 45" L Unit Chair, swivel w/arms Chairs, side w/o arms Bookcase, 36" x 12" x 78" File, 4 drawer, lettersize <u>UCSD TYPE B furniture</u> <u>Specialized Equipment</u> Upright Studio Piano (Kimball)					
	1	0	1	\$ 181	\$ 181
	1	0	1	\$ 82	\$ 82
	2	0	2	\$ 48	\$ 96
	3	0	3	\$ 52	\$ 156
	1	0	1	\$ 82	\$ 82
	Generally Assignable Office Furniture Total				\$ 597
	1	0	1	\$ 995	\$ 995
	Total Specialized Equipment				\$ 995

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

Issued Nov. 24, 1969

.4.1.8 Form E-8, Equipment Itemization

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UNIVERSITY OF CALIFORNIA - CAPITAL IMPROVEMENT PROGRAM
MOVABLE EQUIPMENT (GROUPS 2 AND 3)

EQUIPMENT ITEMIZATION

ROOM-TYPE GROUP Undergraduate Labs & Service Rooms SHEET NO. 171.
 DEPARTMENT MUSIC 127 PROJECT (Mandeville CAMPUS San Diego
 Humanities Bldg. Center)

ITEM DESCRIPTION	NUMBER REQUIRED	NO. AVAILABLE (Existing Inventory)	NO. UNITS REQUESTED	COST	
				Unit Cost*	Total Cost
Space No. 127 Rehearsal Room @ 634 asf					
PPG dated 5/16/67-Rev. 2/28/72 as modified by Plans dated 12/9/71					
20 students					
<u>Specialized Equipment</u> <u>Grand Piano-6 foot</u>	1	0	1	\$6,000	\$6,000
<u>Two-channel magnetic tape</u> <u>recorder - 1/4" Revox 1302 HSR</u>	1	0	1	\$ 945	\$ 945
<u>Two-channel pre-amplifier; Dyna-</u> <u>kit PAT-4</u>	1	0	1	\$ 100	\$ 100
<u>Loudspeaker amplifier Dyna-kit</u> <u>Mark III</u>	2	0	2	\$ 130	\$ 260
<u>Loudspeaker system Altec A7-500</u>	2	0	2	\$ 475	\$ 950
<u>Omni-directional magnetic</u> <u>microphone Electrovoice RE-55</u>	2	0	2	\$ 175	\$ 350
<u>Customized cabinet w/accessories</u>	1	0	1	\$ 150	\$ 150
<u>Student/Performer Music Stands</u>	10	0	10	\$ 15	\$ 150
<u>Performance Chairs GF40-4</u>	20	0	20	\$ 40	\$ 800
Total Specialized Equipment					\$9,705

*Include Sales Tax

FORM E-8 - EQUIPMENT ITEMIZATION

6.7 BUDGETING FOR MOVABLE EQUIPMENT

.4.1.8 Form E-8, Equipment Itemization

Issued Nov. 24, 1969

MOOG STUDIO - INVENTORY

Moog III with 1 keyboard

Bode ring modulator

Bode frequency shifter

Langevin EQ259 A filter (monaural)

Fairchild reverberation unit (monaural)

General radio random noise generator

Fisher FM tuner

4 - AR-3 speaker systems

2 - McIntosh MC275 power amplifiers

1 - McIntosh stereo preamplifier

1 - Ampex AG-350 stereo tape recorder

1 - Ampex AG-440 stereo tape recorder

1 - Scully 280 stereo tape recorder

1 - Garrard lab-80 turntable

1 - Gotham Universal equalizer (monaural)

1 - Electro-Voice 666 mike

1 - Aerovox bulk tape eraser

5/18/73

BUCHLA STUDIO - INVENTORY

- 4 - Buchla modular assemblies with 3 touch controllers
- 2 - Revox G-36 tape recorders
- 2 - Dynaco PAS-3X preamplifiers (stereo)
- 2 - Lafayette 10 watt amplifiers (stereo)
- 4 - Loudspeaker systems
- 1 - Garrard record changer
- 1 - tape eraser
- 2 - microphones (calrad)

5/18/73

MAINTENANCE LAB - INVENTORY

- 1 - Tektronix 423 oscilloscope
- 1 - Hewlett - Packard audio oscillator
- 1 - Hewlett - Packard VTVM
- 1 - Heath frequency counter
- 1 - Heath audio oscillator
- 1 - AR4AX speaker

4/73

BUCHLA STUDIO

INVENTORY

MODULAR MUSIC SYSTEM/ELN
Buchla Assoc. (\$4,992 - 1967)

MODULAR MUSIC SYSTEM/ELN
Buchla Assoc. (\$2,932 - 1966)

RECORDER-TAPE-REVOX

RECORDER-TAPE/REVOX

MOOG STUDIO

INVENTORY

RECORDER-TAPE-SCULLY

TURNTABLE-TEC/VAR SPD
Girard

VOLTMETER-PTBL-AC
Hewlett Packard

OSCILLATOR-AF
Hewlett Packard

REVERBERTRON/ELN
Fairchild

MICROPHONE-SYNCRON

SYNCRONIZER-PLUG-IN

GENERATOR-NOISE
General Radio

OSCILLOSCOPE-DUAL TR-PTBL
TEKTRONIX

TURNTABLE-REC-VAR SPED
Garrard

MODULAR MUSIC SYSTEM/ELN
R.A. Moog Co.

EQUALIZER-SND-ELN
Gotham

VOLTMETER-VAC TUBE-PANEL

SPEAKER-W/ENCLOSURE
Acoustic Research

SPEAKER-W/ENCLOSURE
Acoustic Research

SPEAKER-W/ENCLOSURE
Acoustic Research

AMPLIFIER-PWR-STEREO
Mc Intoch

AMPLIFIER-PWR-STEREO
Mc Intosh

RECORDER-REPRODER-SOUND
Ampex

MODULATOR-AF
R.A. Moog

SPEAKER SYS-LOUD/HI FIDELITY
Nagra

FILTER-PASS-FREQ BAND
Langevin

MODULATOR-AF
R.A. Moog

MICROPHONE-DYNAMIC
Electro-Voice

RECORDER-TAPE-ECHOPLEX

RECORDER-TAPE-AMPEX

SPEAKER W/ENCLOSURE

COUNTER-FREQ-PTBL
Heathkit

MOOG STUDIO

INVENTORY

MIXER-MICROPHONE
Shure

TURNTABLE-REC/VAR SPD
Thorens

GROUPS II and III Expenditures 1974 to June 30, 1976

Curricular Support:

B206	2 Atlas MS-25 <u>Microphone Stands</u>	Pac. Recorders	69.00	
	2 Atlas BB-1 <u>Baby Boom Arms</u>	6S-53939-Q 9/25/75	18.60	
			5.26	
			<u>92.86</u>	92.86
	2 Claridge #146 EV <u>Chalkboards</u>	E & I		605.64
	Lining of Chalk Boards	6B-53940-0 9/26/75		
		Physical Plant		70.08
?	1 SCA <u>Pre-Amp Kit</u>	Hi-Fi House		
		5S-11220-0		127.84
B206	1 <u>Scalatron/Frequency Synthesizer</u>	Motorola		7,413.90
		5L 12339-0		
	<u>Music Shelving/Cabinets</u> (orch. and Chorus)	Wenger Corp.		
		5S-11553-0		1,457.50
	355 <u>Chairs</u>	Virco Corp.		
		5D-16923-0		8,925.94
	<u>Risers/Choral Platform</u>	Wenger Corp.		
		5D-17029-0		2,308.68
	50 <u>Music Stands</u>	Finder's		
		5L-12108-0		948.70
?	1 Dyna PAT 4 <u>Preamp</u>	Pacific Stereo		
		12566-0		190.64
cl?	1 Revox <u>Tape Recorder</u> (model 1302) 19" rack mount	Pacific Recorders	1,194.80	
		5L 12601	(137.16)	1,057.64
			<u>1,057.64</u>	
	<u>Music Shelving (B-120)</u> (choral and chamber music)	Leon Tuck		2,740.00
		A4B-186		
cl	2 Rack <u>Mount Kits</u> for Revox A77	Pacific Recorders		196.43
		13250		
	<u>Piano rebuilding (7)</u>	Roger Clemens		7,100.00
		52059-0		
✓	Tape Cabinets Construction (125, 127, B-150, B-152 B-202, B-210)	Physical Plant	930.94	
			412.92	
			53.72	
			<u>1,397.58</u>	1,397.58
B108	Buchla Series 200 Electric Music Box	Buchla		
		6S-58855-0		13,037.58

Curricular Subtotal 47,671.01

Archive/Recording:

B206	2 magnetic <u>Tape Cabinets</u>	Demco 5D 16009	365.70 41.21		
			<hr/> 406.91		406.91
B206 ?	2 custom <u>Cabinets</u>	Pacific Recorders 5L 12336	514.10 970.86		
			<hr/> 1,484.96		1,484.96
B206	Misc. <u>Wiring Connectors</u> , etc.	Shanks & Wright 5S 13903-0	865.07 104.37		
			<hr/> 969.44		969.44
B206	TASCAM <u>Mixing Console</u>	Pacific Recorders 5L 11381-0	6,103.00		
B206	4 <u>Loudspeakers</u>	"	2,544.00		
B206	<u>Oscilloscope</u>	"	599.95		
"	2 Crown D-150 <u>Amplifiers</u>	"	858.00		
"	6 <u>Dolby Noise Reduction Systems</u>	"	3,900.00		
"	2 Ampex <u>Console Cabinets</u>	"	920.00		
"	20 <u>Risers</u> <i>PANELS</i>	"	190.00		
			<hr/> 15,114.95		
		adj.	(234.92)		
			<hr/> 14,880.03		14,880.03
CL	Microphone stands (4)	Pacific Recorders 6S 52673			357.22
					<hr/> 357.22
	Archive/Recording Subtotal.				<hr/> <hr/> 18,098.56

Instruments:

1 Yamaha upright <u>studio piano</u> model P202 W/Bench	Greene Music 6S-596040		1,076.68
1 <u>Electronic Piano</u>	Guitar Center 6S-57543-0		1,226.42
2 Kawai Pianos ser. #K-719723 ID 756000288 #K-687310 ID 756000289	Finder's 5S 13650		1,993.46
1 "D" <u>Trumpet</u>	Shilke 5L 12408-0	476.00 10.25 28.56 <u>514.81</u>	514.81
1 Baldwin SF-10 <u>Grand Piano</u>	Baldwin	7,000.00	
1 Baldwin L <u>Grand Piano</u>	6S-52058-0	4,995.00 719.70 <u>12,714.70</u>	12,714.70
<u>PERCUSSION</u>			
Piping for <u>frames</u>	Lakewood Pipe Svc. 5S 13834		231.48
<u>Dehumidifier</u> (percussion storeroom)	Sears & Roebuck 13446-0		105.95
1 Ludwig Musser Century Vibe #M-75	Drum City 6S-58665		1,669.50
1 Slingerland by Deagan Concert Xylophone 1 Set Orchestra Bells	Stephen P. Karo 6L-59887-T		575.00
1 <u>Xylophone</u> (used) 2 <u>Cymbals</u>	Jim Hoffman 12407-0		466.40
1 LP201A Professional Bongo Drum, standard 1 LP332 Bongo Stand 1 LP202 Bongo Mounting Bracket 1 LP257B Tito Puente Timbales w/calfskin heads	Latin Percussion 6S-63947-0		505.82
<u>Mallets</u>			
2 pr. Musser, 3 pr. Bruno 1 pr. Musser, 1 cong. beater	Prof. Drum Shop 13901-0		51.04

struments:

2 sets <u>Temple Blocks</u>	Gulf Sports		380.39
2 sets <u>Wood Blocks</u>	5S-14427		
2 lg. <u>Temple Blocks</u>	Custom Chgs Etc.		113.60
4 <u>Button Gongs</u> (18/20/22/24")			
4 <u>Drums</u> (1 practice pad set)	Frank's Drum Shop	59.00	
1 set <u>Sonar Wood Blocks</u>	5S 13902-0	6.50	
1 set <u>Sonar Wood Blocks</u> lg.		9.50	
		1.30	
		4.50	
		<u>80.80</u>	80.80
2 <u>Drums</u>	R. Maren	12.00	
	14304	70.00	
		4.20	
		<u>86.20</u>	86.20
<u>Tabla and Dagga</u> (1 set) (hammer, pudi, strapping, etc.)	Vladimir Vooss	250.00	
NOTE: delivered, but current whereabouts unknown	5L 12762	15.00	
		<u>265.00</u>	265.00
<u>Tympani head</u> (28") hoop and tucking	Hinger Touchtone	26.45	
	5S 13850	85.35	
		<u>111.80</u>	111.80
1 set <u>Cow Bells</u> (2 octave) S. Weiss	Philadelphia Music		276.01
	5S 12575		
1 <u>Tambourine</u> 7"	Hinger Touchtone	79.50	
1 <u>Tambourine</u> 11"	5S 13850	26.45	
1 <u>Calfhead</u> mounte 20"		1.59	
		<u>107.54</u>	107.54
Percussion/various drums and equipment	Frank's Drum Shop		1,575.44
	5L 12409-0		
^{SILBER} Electronic Sound Modification Devices	Apex Music Co.		1,331.78
	6S-59370-0		
^{MISC.} Portable AMP. System	Apex Music Co.		1,163.23
^{PERF.}	6S-59371-0		
(Silber) Misc. Items	NPEA		<u>262.51</u>
	Instrument Subtotal.		<u>26,885.56</u>

Electronic Music/Research:

B108	4 <u>Loudspeakers</u> (JBL Model 4320)	Pacific Recorders 5L 11381	2,544.00	
"	1 <u>Ampex Tape Recorder</u> (4 channel-1/2")	"	5,079.00	
B104	1 <u>Multisync Tape Speed Controller</u> (currently in B-206; belongs in B-104)	"	695.00	
B108	2 <u>Ampex Tape Recorders</u> (2 channel-1/4")	"	7,890.00	
			<u>16,208.00</u>	
		Adj.	(234.92)	
			<u>15,973.08</u>	15,973.08
B108	1 <u>Synthi Sequencer</u>	EMSA 5L 11595-0	6,428.80	
			<u>385.73</u>	
			6,814.53	6,814.53
Fac. Office	1 <u>Sony Tape Recorder and Amplifier</u> (R. Erickson)	Pro Am Electronics 5L 13334-0		1,007.00
B104	1 B&K Instruments Model 125 Spectrum Equalizer	B & K Inst. 6S-58321-0	3,200.00	
"	1 B&K Instruments Model 125 Spectrum Equalizer (Used Demonstrator)		<u>2,400.00</u>	
			5,600.00	
		Tax	<u>336.00</u>	
			5,936.00	
		Freight	<u>26.41</u>	
			5,962.41	5,962.41
B104	4 Speaker stands	Pacific Rec.	436.00	
B206	1 Turntable stand	6S-63680-0	<u>98.00</u>	
			534.00	
		TAX	<u>32.04</u>	
			566.04	566.04
B104 +PERF +B108	Faculty Electronic Music Studio Eq./Portable Perf. Amp. System	Pacific Rec. 6S-58515-0		<u>40,033.52</u>
				<u>70,356.58</u>

Electronic Music/Research Subtotal

70,356.58

Administrative:

1 IBM <u>Typewriter</u>	IBM 536640	636.00
1 Frigidaire <u>Refrigerator</u>	Bennett's Appliance Ctr. 5L-13447	<u>198.22</u>
	Administrative Subtotal.	<u>834.22</u>

Technical:

<i>Tech</i> 1 set <u>Test Equipment</u> (for distortion)	Harlan Labs 453760	1,075.90
" <u>Test Equipment</u> (audio flutter meter)	3 M Corp 5S-11219-0	774.77
<i>Brd</i> <u>Pink Noise Filter</u> (J. Campbell/acoustic. testing)	General Radio 130230	78.31
<i>Tech</i> Tektronix TM-500 Measuring Equipment system	Tektronix Inc. 6R-55474-0	<u>2,305.15</u>
	Technical Subtotal.	<u>4,234.13</u>

Other Charges:

Telephone Calls	18.87	
Transit Risk Insurance	29.50	<u>48.37</u>

October 4, 1977

PETITION FOR THE CONTINUANCE OF MUSIC 104

To the Music Administration;

We the undersigned formally petition for the understanding and assistance of the acting administrative body of the Music Department, at the University of California, San Diego.

This school of music in the past has been well known for its research and programs in recording techniques and experimental music. It was this reputation that drew each of us to the undergraduate program, specifically the two year sequential courses in recording techniques; Music 104 A,B,C,D,E & F.

Yet in the last few years this strong concentration on experimental recording techniques has waned to the point where neither a BA in music, with an emphasis on recording techniques, nor an MA in experimental music techniques will be offered. Following this trend the Music Department has dropped five out of six courses in the 104 sequence.

The purpose of this petition is not to dictate to the Music Department its academic interests, but to express our need to complete the Music 104 sequence, as offered in the 1976/1977 General Catalog. We entered U.C.S.D. under the guidelines of this catalog, and we feel that the Music Department should fulfill its course offerings.

We are all heavily committed to our current programs. To change schools now would be detrimental both in time and money. We understand that the Department is hesitant to continue funding a two year program they may wish to phase out later. We offer an intermediate solution.

The solution would be to pay the current instructor of 104A for two more quarters. This would provide a 104 A,B & C., which we feel would constitute a solid major emphasis when combined with Music 105 A,B,C. The instructor is willing to teach the three quarter sequence. This is the best way that the Department can meet our needs and the 1976/1977 General Catalog.

At present there are four main areas of quality recording equipment in the Music Department; the staff studio, graduate studio undergraduate studio and the B210 recording studio. As undergraduates at this time we have access to none of these areas of learning, ~~except~~ ^{Except} the undergraduate studio which was set up for 104. At a university with high quality teaching levels, we are receiving very poor advantage of the facilities available. We request in this petition equipment usage to accompany the three quarters of 104 A,B,C.

We the undersigned thank you for reading and acting on this Petition of Needs. We hope it will facilitate the compliance of classes and the access to equipment that we need in order to complete our majors in a manner representative of the quality of this school.

Thank You

NAME (printed)	STUDENT ID #	SIGNATURE	DATE
Daniel T. Fick	U22959874	Daniel T. Fick	10/1/77
Charles M. Greenfield	U29992886	Charles M. Greenfield	10/1/77
SCOTT A. HIGBY	U35709100	Scott A. Higby	10/5/77
DUNCAN Foster	U24762661	Duncan Foster	10/5/77
John Slowiczek	U79748423	John Slowiczek	10/5/77
Paul Fussell	U26365532	Paul Fussell	10/5/77
Stevens A. Turner	U85242837	Stevens A. Turner	10/5/77
DON KRAIG	CONCUR. EXROL	Don Kraig	10/5/77
STUART VAPSON	U475737	Stuart Vapson	10/5/77
LYNDON TURNER	U85241780	Lyndon Turner	10/7/77
Mark Douglas	U24483290	Mark Douglas	10/10/77
Barbara Stinson	U42174671	Barbara Stinson	10/10/77
Thomas A. RILEY	U72160507	Thomas A. Riley	10/10/77
Michael W. Harris	U33148240	Michael W. Harris	10/10/77
Tim Jones	U41700883	Tim Jones	10/10/77
Michael HYMAN	CONCURRENT ENROLLMENT	Michael Hyman	10/10/77
RICK KAYLOR	U42882666	Richard Kaylor	10/10/77
Ken Dames	UD0233221	Ken Dames	10/10/77
CRIS KLAMPE	U4354830	Cris Klampe	10/10/77

UNIVERSITY OF CALIFORNIA, SAN DIEGO

To.....

Date..... Time..... A.M.
P.M.

WHILE YOU WERE OUT

Dr.....

Mr.....

Ms.....

From.....

- | | | |
|--|---|---------------------------------------|
| <input type="checkbox"/> Telephoned | <input type="checkbox"/> Will phone again | <input type="checkbox"/> Please phone |
| <input type="checkbox"/> Came to see you | <input type="checkbox"/> Will come again | <input type="checkbox"/> Rush |

Handwritten note in a box: A S N, W, W, W

MESSAGE

David Royourow

279-1830

Phone party at.....

Taken by.....

John Silber - Music, Project Handout?

Bruce -

David Poyonow - Tape Club? 7 inch reels

Track format 2 track $\frac{1}{2}$

Vikings - junk -

Sony's are 4 track

Clean up tables - Conditions -

Computer music conference concerts George Record -

October 4, 1977

PAULINE OLIVEROS

Dear Pauline:

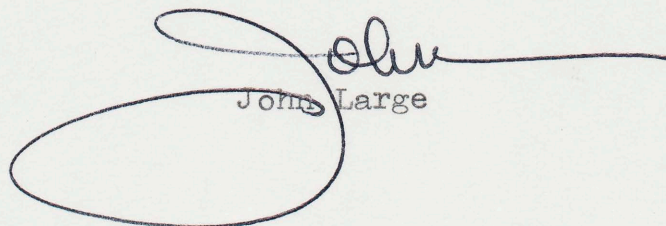
Music Department Senior Stuart Larson is making application for Graduate Study Abroad through the Institute of International Education (Fulbright) program. One of the requirements for his dossier is a taped recording of his performance as a baritone singer. The deadline for this project is October 12.

It is my understanding that in the past the Music Department has supported student efforts such as the above. Therefore I have asked George Ritcher to assist Stuart in preparing the recording as soon as possible. George is willing but needs approval from you as Chairperson for the Electronics Committee.

This recording will require relatively little time in the preparation. The application calls for three vocal pieces. This means less than 12 minutes of music. If all goes well, I would expect that a recording session of about an hour's duration would suffice.

Please let me hear from you as soon as possible, since it would be wise to make the recording this week, not next.

Most, most cordially,


John Large

September 30, 1977

TO: Pauline Oliveros, Electronics Committee Chair

FR: Cecil Lytle, Concert Committee Chair

RE: Recording Policy for Concerts

In the absence of all of its members, I have prepared the following recommendation for adoption by the Concert Committee regarding item ii, (Recording Policy), of your memo to Leonard Newmark, Acting Department Chair:

- a) included in the category of Class I public events (to be recorded and archived), will be faculty concerts and lectures, department ensemble performances, department seminar (upon request from coordinator), public presentations by invited artists and lecturers when feasible;
- b) under category II, (to be recorded but not archived), will come Atomic Cafe, concerts which are partial fulfillment of individual thesis and dissertation work;
- c) Class III events will include Noon Concerts, Chamber Music (130) performances, Pro-Seminar concerts, and student concerts which are not the direct products of thesis or dissertation projects.

Although this proposal has not been ratified by the full Concert Committee, it appears to be a realistic way to proceed, therefore, I suggest that we develop our recording policy as outlined above. To illuminate this policy, I am forwarding to George Ritcher a department calendar of events with the subject classifications indicated.

cc: Leonard Newmark
Irene Solomon
George Ritcher

Concert Time = 3 hrs
+ Dress = 1 hr
10 1/2 in 2 reels 7 1/2
\$12.00 approx.

Class III Faculty Sponsor / Irene / Bruce / Student / George
→

14 Class 1

11 Class 2

George 1 Concert a week
How much is spent on tape?
How much does it cost
and in what form?

George + Alan
about recording
of concerts.
Is Alan's staff and
equipment professional?
maintenance Exchange?
How much \$?
if we pay for tape?
if we pay for time?

Ask the faculty

Archive

What is the function of the archive

Who is going to use it and for what purpose?

Is cassette quality sufficient?

How much use will it receive?

How easy is access?

Can you browse?

In the library - records tapes scores or cross referenced.

Do you want to spend the \$.

September 6, 1977

TO: Leonard Newmark, Chairman
FROM: Pauline Oliveros, Chairman, Electronics Committee
SUBJECT: Office Space, Recording Policy, Archives Access, Recording Class 104,
Repair Priorities, and Acoustic space.

MEMBERS PRESENT: Balzano, Erickson, Jones, Francois, Gross, Rittenbach;
Guest: Lytle.

1. Office Space

The Committee recommends as first priority that an office space, properly equipped with tape recorder, amplifier and speakers (equivalent to a performance faculty member's need for a piano) be provided for part-time lecturers: Gross, Leibig and Rittenbach.

It is absolutely essential that this be provided by the beginning of the fall quarter. Critical listening for the preparation and evaluation of student projects is necessary. It will not be possible to do this in 206 or B 104, because these spaces are dedicated. This office is a normal requirement and 104 and 105A and 200 will be taught in the fall quarter.

The office sound system would cost \$1,500.

11 Recording Policy

A. Concert Recording

Erickson Motion: " I move that we base our recording policy on a plan of concerts to be determined as Class 1 concerts, Class 2 concerts and Class 3 concerts: a. Class 1 concerts will be recorded and archived by the staff.
b. Class 2 Concerts will be recorded but not archived. Tape to be provided by the person requesting the recording.
c. Class 3 Concerts will not be recorded by the Dept. Staff, but may be recorded by students with Dept. student equipment.

Discussion - We are interested in preserving for the archive, concerts of greatest quality and interest. We insist that these recordings should be of highest quality. Since recordist time is paid for by the Dept., careful discrimination of Class 1 Concerts will be needed. This is also true of Class 2 concerts, which will be of high quality but probably of more limited

interest.

We hold, that an important aspect of student education is learning to make high quality recordings with limited equipment. Class 3 concerts will provide opportunity for practice without exploiting student labor.

Motion carried unanimously.

B. Seminar Recording

Erickson Motion: " I move that we record and archive all Departmental Seminars and formal lectures by visitors."

Discussion - Much of this material may seem inconsequential, however, five years later it's history. We have lost many interesting lectures which could be of value for instruction and research.

Motion passed unanimously.

C. Tape Copies

Ritscher Motion:

1. For every concert which is recorded, one personal copy will be made if the performer(s) provide the necessary tape one week in advance. The appropriate request form will be available in the Music Office.

2. Additional Copies

Faculty members will be allowed a maximum of 2 copies of their performances recorded by the Dept. (Tape to be supplied by Faculty Members). Additional copies will be charged at regular student rates.

3. Student wanting additional copies of Dept. performances in which they participated must provide tape, and pay a fee based on operator's time.

Motion passed unanimously.

D. Special Recording Session

Erickson Motion: "All other requests for special recording should be referred to the Chairperson of the Electronics Committee with a letter of explanation from the student's advisor. Faculty members should submit requests for special recordings to the Electronics Committee".

Motion passed unanimously.

E. Request Forms

For all concerts to be recorded, whether upon performers request, or automatically, the recording staff needs a form filled out with the works to be performed and the timings should be done at least one week before the performance (Longer is better). Recording forms are available in the concert office. If the recordist is informed of the time and place of the dress rehearsal, one week in advance by the person in charge of the concert, the recordist will attend.

Motion passed unanimously.

III. Archive Accessibility

In order to make the archives useful and accessible for research instruction this year, the committee recommends:

One 1/4 time work study assistant (Terry Setter) 10 hrs per week, dubs for instruction and research. Tape costs \$500.

Discussion: Archives tape may not be handled directly by anyone other than the staff. This is in the interest of preservation of invaluable materials. Therefore, all access to the archives must be through dubs made by the staff.

FUTURE

If the archive proves to be as useful to the Dept. as we think, then we must consider computer retrieval and cross referencing of the archive materials. This would involve classification and programming with the assistance of a professional archivist and a programmer. We anticipate this would cost several thousand dollars.

IV. Recording Class 104

Rittenbach reported that he will teach undergraduates how to record with the equipment provided in classrooms. Professional equipment located in 206 will be utilized for demonstration purposes and one short project. The students will be directed to recording projects in conjunction with various Music Dept. performance classes.

V. Repair Priorities

The committee concurs that repair priorities can not be established in advance. All electronic maintenance problems should be addressed to the Dept. Technicians. Any grievances arising will be reviewed by the committee.

VI. Acoustic Space

The committee wishes to note that all persons wishing to do quality work with recording and electronics are suffering the handicap imposed by the poor quality of the spaces we inhabit in the Mandeville Center. Concrete boxes are impossible, to say the least. We ask that attempts be made to adjust these spaces with sound proofing and acoustical materials as needed. Also, we think it is imperative that we regain entry to such spaces as 409 and some of the quonsets on Mathews Campus, where it is possible to do much better work. The committee will address this problem more extensively in the future.

cc: Cecil Lytle
George Risher
P. Oliveros

Margie please re-type

9/29

To Pauline, Oliveira
~~George~~ Chairman Electronics Committee

~~XXXXXXXXXX~~
I've received four or five requests ~~for~~ to check out people for the Graduate Studio. Please announce to your class that the users of B 108 voted last year to impose the following restrictions on potential users of the studio:

- 1) Must have completed music 105 (electronic music class) or equivalent.
- 2) Must ~~be assigned~~ have a faculty sponsor,
- 3) Must be checked out on the use of the studio by a current ~~user~~ graduate user.
- 4) Must then be cleared by ~~you~~ George.
- 5) ~~All users retain the~~ The users of B 108 retain the right to revoke the studio privileges of any user, new or old, on the basis of misuse of equipment.

Music majors in your class who have taken Music 105 or the equivalent and who wish to be checked out by present users of the studio should meet with current users on Thursday Oct. 6 during the last twenty minutes of the seminar.

Thanks,

David

David Jones

Graduate Representative, Electronics Committee

cc George Ritzer
Cheryl Georgulis
Bruce Rittenbach
B108 Bulletin Board

Graduate Bulletin Board

~~George~~

Pauline

June 10, 1977

TO: TOM NEE, Chairman
FROM: ✓ PAULINE OLIVEROS, Chairman,
Electronics Committee

SUBJECT: Job Description for technician trainee, Recording Dubbing,
Archiving and other matters:

Members present: Ritscher, Francois, Jones, (for John McColm) Thomas,
Guest: Gross

JOB DESCRIPTION: Technician Trainee

Technician trainee shall maintain, diagnose and repair all department electronic equipment and certain CME electronic equipment. Limited fabrication and construction projects will be assigned. (circuits, cables and etc.) Trainee will be responsible for installation of equipment and other limited duties as assigned by the Senior technician. 80% of trainees time will be devoted to the Music Department under the supervision of the Senior Technician. 20% of the trainees' time will be spent at CME under the supervision of the CME Studio Head.

* * *

Summer studio use of B108 and B126 was reviewed. Faculty Sponsorship was deleted from the policy as stated in the report of May 9, 1977.

* * *

The Committee concurs with the Space Committee that Ritscher will move into B206 July 1.

* * *

The Committee recommends that undergraduates take 105ABC before petitioning for 200.

* * *

All Concerts must be recorded. George Ritscher will supervise recording of concerts. Ritscher will be responsible for recording those concerts deemed important by the Concert Committee. Other concerts will be recorded by assistants. One assistant to be paid for by workstudy, the other assistant to be an unpaid 199. Both assistants to be selected by Ritscher. Dubbing and archiving will also be handled by Ritscher and assistants. A policy will be developed.

* * *

June 10, 1977 - cont.

The Committee will review the Electronic Music and Recording Curriculum beginning in the fall.

* * *

In order to mitigate conflicts, the Committee requests that all decisions concerning electronics, recording, dubbing, archiving, space needs for electronics, technical help, be made on the basis of the committee's deliberations.

May 9, 1977

TO: TOM NEE, Chairman

FROM: PAULINE OLIVEROS, Chairman,
Electronics Committee

SUBJECT: Performance Electronics, Summer Studio Use, Replacement
Funds, Future Needs for Computer Music Course, Tour of
Studios for Cheryl Montano

Members present: J.C. Francois, David Jones and George Ritscher

Members absent: John McColm

Guests: Cheryl Montano

- I. The Committee agrees in principle that performance electronics should exist, not only for faculty research but for general use, in 202, 203, 201 and 200 and other courses as needed. J.C. Francois proposed that a facility be designated with a set of policies for utilization. Ritscher was concerned that portable performance electronics be returned when not in use in order that he can properly maintain such equipment and make it available generally. The committee noted that a faculty studio has been equipped for faculty research but a complementary Performance Electronics facility has not been provided. Also noted was the fact that Senior Faculty generally are not awarded funds by the Academic Senate Research Board. Those funds go to Junior Faculty. We do not have more Groups II and III funds for equipping such a facility. The committee intends to investigate the matter further. All Electronics Studio spaces will be examined for possible reconfiguration, for efficient use and inclusion of performance electronics. Ritscher will show a logging of performance electronics check out. Prent Rodgers will be asked to document the performance electronics now housed in HL431.
- II. Persons wishing to use B108 and B126 during the summer must submit a proposal with faculty sponsor and Ritscher. David Jones will organize the use of these studios with the understanding that Ritscher will have to close them for maintenance during part of the summer. Jones and Ritscher will coordinate this.
- III. \$2,000 extra in replacement funds will be used for Music I editing stations.
- IV. A subsequent meeting will be called to examine the job description for Ritscher's 100% assistant. This meeting will be chaired by Francois during Oliveros' absence.
- V. Rob Gross reported that a future computer music course might be handled by adapting an Apis Microprocessor for use with a

CME digital synthesizer. Total cost about \$8000. If micro-processor was purchased, then total cost about \$14,000. This system could handle about 15 students.

An alternative would be use of the Computer Center. Disadvantage would be cost and lack of real time output which the digital synthesizer would provide.

Old Business

1. Lab Fees were suggested to help defray costs.
2. \$350 will be needed for Speaker Stands and Baffles for B108.

New Business

Cheryl Montano suggested converting part of B206 for Ritscher's workshop. The committee wishes to consider the use of all spaces along with this recommendation.

Oliveros suggests adding G.Balzano to the Electronics Committee.

To Tom Lee - Chairman
From Pauline Olivier
Chairman of Electronics Committee

Members Present.
J.C. Francois
David Jones
George Ritscher
Members Absent
John McColm
Guest: Cheryl Montano
Bob Gross

Subject:

Performance Electronics, Summer Studio Use,
Replacement Funds, Future needs for
Computer Music Course, Tour of Studios for Cheryl
Montano.

I The committee agrees in principle that performance electronics should exist, not only for faculty research but for general use, in 202, 203, and 201 and 200ⁿ and other courses as needed. J.C. Francois proposed that a facility be designated with a set of policies for utilization. Ritscher was concerned that portable performance electronics be returned when not in use in order that he can properly maintain such equipment and make it available generally. The committee noted that a faculty studio has been equipped for faculty research but a complementary Performance Electronics facility has not been provided. Also noted was the fact that Senior Faculty generally are not awarded funds by the Academic Senate Research Board. Those funds go to Junior Faculty. We do not have more Groups II + III funds for equipping such a facility. The committee intends to



center for music experiment
and related research

presents:

FELLOW PRESENTATION

FRI. DECEMBER 3, 1976

7:30pm • 408mc

**•CELONA • GEORGE • GROSS • HARKINS •
•KAVASCH • LEIBIG •
RITTENBACH • . . . • VICKERMAN**

THE PRESENTATION WILL INCLUDE LIGHT REFRESHMENTS.....

investigate the matter further. All Electronics Studios spaces will be examined for ~~the~~ possible reconfiguration, for efficient use and inclusion of performance electronics. Pitscher will show a logging of performance electronics check out.

Prent Rodgers will be asked to document the performance electronics now housed in HL431.

II Persons wishing to use ~~the~~ B108 and B126 during the summer must submit a proposal with faculty sponsor and Pitscher. David Jones will organize the use of these studios with the understanding that Pitscher will have to close them for maintenance during part of the summer. Jones + Pitscher will coordinate this.

III \$2000 extra in replacements funds will be used for music editing stations.

IV A subsequent meeting will be called to examine the job description for Pitscher's 100% assistant. This meeting will be chaired by Francois during Oliver's absence.

V Rob Gross reported that a future computer music course might be handled by adapting an Afis microprocessor for use with a CME digital synthesizer. Total cost about \$8000. If microprocessor was purchased, then total cost about \$14,000. This system could handle about 15 students.

TO FACULTY

FROM CHERYL MONTANO

DATE June 7, 1976

RE Teaching Evaluations

Attached please find teaching evaluations which should be distributed to your class when it meets for the last time to take the final exam. These evaluations should be completed and returned to the Music Office, to the attention of Cheryl Montano. Please return any unused evaluations to me.

Please encourage your students to complete these evaluations. Naturally, the evaluations should not be completed during the three-hour period set aside for the final. We are merely taking advantage of this last opportunity to distribute the forms.

CHERYL MONTANO

An alternative would be use of the computer center. No advantage would be cost and lack of real time output which the digital synthesizer would provide.

Old Business
1. 4000 were suggested to help defray cost.
2. \$350 will be needed for speaker stand & paper for 1508 -
New Business

Change minutes suggested concerning part of 1508 for Kitcher's workshop. The committee wishes to consider the use of all offices along with this room mandator.

Oliver suggest adding C. Balgans & the Electronic Committee.

November 10, 1976

To: Al Rossi
Rob Gross
Debby Davis
Bruce Leibig
Bruce Rittenbach
George Ritscher
Roger Marsh
Christine Marsh

From: Pauline Oliveros

Provisions for field trip: Sleeping bags
Picnic lunch for trip

Purpose of trip:

- a. To make contact with other experimental music centers.
- b. To gather information about the newest developments in analog and digital design for electronic music systems.

PLEASE BE ON TIME FOR EACH DEPARTURE TIME.

L-T

November 30, 1976

To: Thomas Nee, Chairman
From: Pauline Oliveros, Chairman
Electronics Committee

Subject: Priorities Groups II and III equipment purchases, recommendations and questions concerning budgetary statement issued to the faculty and staff dated October 27, 1976.

According to the Operating Budget issued October 1976 the Group II and III "Available Balance" was \$10,727. On Monday November 22, 1976 upon inquiring of Pat Olson, the available balance was \$14,936.18. The Committee would like clarification of this discrepancy.

According to our figures the following amounts of money remain as our allocation in the following areas:

(Figures approximate within \$5.00)

B108 Grad Electronic Studio	\$2230.00
B104 Faculty tape Composition	\$1410.00
Performance Electronics	\$475.00
Faculty Playback Systems	\$500.00

Of the \$2,000, Equipment and Facilities (-4), Ritscher was "allocated" \$1200. The committee would like to remind the chairman that former technician, Lew Prince was promised \$2000 per year, Equipment (-4), in order to replace classroom equipment. Where is the other \$800? And why is the category now called equipment and facilities?

Furthermore, due to inflation and in order to maintain the status quo, the committee sees a necessary increase of this fund to at least \$4000. For instance, one complete playback system costs at least \$2000 at today's prices.

On the next page the following statement should be corrected "equipment and mo ies (-4) are for the purchase of inventoriable items over \$200 in value". Please insert the word "electronics" between inventoriable and items.

Under the title Technical Support, the following corrections: Electronics (Ritscher): tools, parts, supplies, Moog and Buchla items, test equipment, replacement items-audio equipment UNDER \$200. (Audio equipment items over \$200 belong to Equipment -4)

Under the title Faculty Research : Archive Tape and supplies \$1,200 belongs under INSTRUCTION not research.

- continued -

Thomas Nee
November 30, 1976
Page two

Priorities for 1976-77 by space and original Electronics Committee Allocation:

B108	two little dipper filters	\$1100.00
	two uher 4200 portable recorders (the \$200 overage here will be snatched from another pot)	\$1350.00

Faculty Playback Systems

Oliveros office	\$2000.00
Portable Roll Around Multipurpose System Including Cassette	\$3000.00

Replacement Audio Equipment (Equipment -4)

System for technician room	\$500.00
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Interconnection of classrooms B104, B108, B150, B152, courtyard and three practice rooms, B202, B206 B210 and Mandeville lighting booth	\$3000
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(NOTE: this has not been completed. We recommend that the job be completed by Pacific Recorders and not by amateurs. Also the money should come from some other fund, which should have been budgeted for the completion of the building, not groups II and III)

B206	Microphones for high quality recording	\$750
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Recommendations

- I All purchases of electronics over \$10.00 must go through the Electronics Committee for the following reasons:
 - a. Discounts are available. A lot of money has been wasted by individuals who do not know how and where to buy.
 - b. The technician should be consulted on the practicability of maintenance.
 - c. The committee wishes to maintain consistency for the overall program since equipment is used communally.
- II An instrument Committee, aside from the Performance Committee should be appointed to coordinate purchases
- III According to Harold Cohen, Visual Arts Department, \$250,000 in equipment replacement money came down from Berkeley. The committee for dispersal of these funds was headed by Rotenberg. Our Department and Visual Arts each received 1% of this money. According to Cohen, Rotenberg said that neither Department asked for such funds. That is why we received so little.

Thomas Nee
November 30, 1976
Page three

The committee wishes the chairman to investigate this matter. The committee urges immediate action on these matters so that second quarter may begin with items purchased and installed.