

DATE: 21 April 1980

TO : Arnice Streit

FROM : John Chowning

SUBJECT: Current Funding Problems for CCRMA

## SYSTEM:

In April 1979, I returned from Paris for a week in order to help solve the difficulties which had developed regarding CCRMA's move with A.I. into Margaret Jacks. At that time it was agreed with Dean Rosse and Acting Provost Lieberman that CCRMA would remain at the Power Lab and funds would be sought to provide CCRMA with an independent computing system. The cost of the fully developed system was fixed at \$298,000.

In May 1979, I negotiated (in Paris) a royalty advance of \$100,000 with Y. Mochida, Managing Director of Nippon Gakki (Yamaha). The advance was in exchange for my revealing to Yamaha the method I had just developed for computer synthesis of the singing voice by means of a technique for which Yamaha holds an exclusive license. I informed Stanford and further suggested that the usual three-way royalty split (university general funds, inventor's department, and the inventor) be waived and that we apply the entire amount toward the CCRMA system.

The C.S. department has made available \$25,000 to H&S as partial payment for \$72,000 which CCRMA had spent on the A.I. system hardware (since it had been assumed over the years that A.I. and CCRMA would remain together).

On September 10, 1979, Dean Rosse and I agreed, assuming minimal gifts, to limit the total for the CCRMA system to approximately \$230,000. To date, CCRMA has spent \$208,000. We are attempting to acquire two disk drives, \$24,000, as gifts from Honeywell (John Cates and Bruce Hinchcliffe of the Office of Development are helping with this).

In response to a request for further funding information from Rockefeller foundation (see section on private funding), on November 28, 1979, you suggested that the final University contribution to the CCRMA system would be \$40,000, split between H&S and the Provost's office.

The current funding situation for the CCRMA system:

Sources:

C.S.	\$ 25,000
Yamaha (less 10% Japanese export tax)	90,000
H&S	20,000
Provost	20,000
Mr. & Mrs. Carl Brown (gift)	2,000
	<u>\$157,000</u>
Expended:	208,000
Deficit:	51,000

I am attempting to make up this deficit by a request for support to Mrs. Doreen Townsend.

PERSONNEL

CCRMA has never been able to entirely support its staff through NSF contracts. We have relied on additional sources (two Townsend gifts of \$35,000 each), summer workshop salaries, and leaves of absence (Moorer and Chowning at IRCAM) to help make up the deficit. We all were aware of the fact that the fund raising required for an independent system imposed an additional funding burden, e.g., had CCRMA moved with A.I., as originally planned, we would now have at least \$25,000 available for our use from the royalty advance. (Clearly, there was no happy solution but to divorce. Further, I am convinced that we will be able to make a greater contribution to the music department as we reach a greater degree of integration on completion of the music building.)

Budget A shows how I propose that our remaining funds be used. The criteria I used in making this decision were:

1. impose no financial burden on the three graduate student RAs currently supported under NSF contracts.
2. support the essential personnel for the development of the computer system. (without an operating system we have no means to work in order to raise funds),
3. support the administration of the center, which is critical to the ongoing fund raising effort.

We have, therefore, put Loren Rush and John Grey on "temporary layoff". Budget B shows that our funds would have been exhausted at the end of April had we not done so.

I do not feel that H&S is in any way obliged to meet the current deficit, especially in view of the support for the system already given.