July 28, 1971

Mr. Charles T. Clingen
Honeywell Information Systems, Inc.
575 Tech. Square
Cambridge, Mass. 02139

Dear Charlie,   Re: APL

Our Electrical Engineering Department is presently our heaviest user, and the most dependent on APL for their curriculum development activity.   Recent meetings with them have revealed an ever increasing and quite demanding requirement, which we at the Center are finding difficult to fulfill.   Naturally, we are all waiting patiently for Multics APL, and, undoubtedly, after the improved hardware is functioning, the availability of languages and the system capacity should be adequate for our campus needs.

In the meantime we are up against some stops: (1) Multics capacity, (2) hardware reliability, and (3) poor response of the DOS/APL under CP.   Perhaps one of the solutions for E. E. would be split usage between CP and Multics since we cannot expect either system in their present states to assume the complete load.   In this regard, can you, as soon as practical, give Prof. Bruce access to Multics APL for evaluation purposes?   I think it is in the best interests of the Institute to take interim measures with full utilization of Multics capabilities as the ultimate goal. Any preliminary envolvement may help "cement" this course of action.

As Craig Franklin helped in your Fortran shakedown I am certain that Prof. Bruce's use of the system can only add to your smooth implementation.

Please let me have your feelings on this subject.

                                    Sincerely,

                                    Weston J. Burner
                                    Director

cc:
James D. Bruce
H. Eugene Brammer