

# Del Mar Engineering Laboratories

TO: Chief Engineer: C. Sanctuary

NO.: ADM-71-71

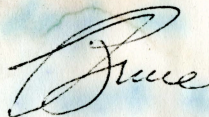
FROM: President: B. Del Mar

DATE: Sept. 21, 1971

SUBJECT: MODEL 3000 STRESS TEST MONITOR, J.A. S-QP

cc: R. Cherry

Your evaluation is requested on the proposal by William Parsons to incorporate a time-sharing paper writer recorder in the above instrument arranged so that with the timer module it will record two E.C.G. channels from two chest leads on a patient for 10 seconds of each stress test minute at regulation E.C.G. paper speed and for 50 seconds of each stress test minute it will record the trend of heart rate, the trend of S-T segment level and will mark the occurrence of each P.V.C. while operating at low tape speed.



Bruce Del Mar

BDM:ls

*Bill T.*  
The above proposal is aimed at making the trend recorder a dual purpose instrument. The trend data would continue to be updated uninterrupted but the trend plot would show for 50 seconds out of each minute. The paper writer would have 2 motors; one gives the regulation paper speed of selectively 25 or 50 mm/sec, the other would give a speed of about 2 mm/sec for trend. This will be in thinking stage until we get together next.

