NO. 32

Blumberg

WEDNESDAY, AUGUST 15, 1973

FEB BEAM COMMISSIONING STUDY

Scheduled 0001 — 0800 BLUMBERG, KEANE
Actual 0100 — 0630

WE DEVOTED SHIFT TO SET-UP OF POWER SUPPLY AMPLITUDES AND TIMING AND GENERAL SYSTEM CHECK-OUT. NO EXTRACTION. WE FOUND INCORRECT POLARITY INDICATION ON CURRENT IN H16, 17 BACKLEG WINDINGS BY OBSERVING RELATIVE POLARITIES OF $\dot{B}$ SIGNALS FROM E3, 4, E16, 17, H3, 4 AND H16, 17. FURTHER CONFIRMED BY FACT THAT H-SUPERPERIOD ORBIT BUMP KILLS BEAM. REVERSED CABLES FOR THAT BUMP AND CONFIRMED THAT BUMP NOW DOES NOT CAUSE BEAM LOSS. TURNED AGS OVER TO OPERATIONS AT 6:30 FOR VACUUM SCANS AND COOL-DOWN.

BEAM SET-UP IS SERIOUSLY HAMPERED BY HAVING TO USE THE MANUAL DATACON CHASSIS AT MAIN CONTROL CONSOLE. WE NEED COMPUTER AND BUG-FREE "PAGE 8" CODE.