ENTRY No. 22  NAME OF MACHINE VICKSI DATE July 81 INSTITUTION HARN-MEITNER-INSTITUTE ADDRESS 1000 BERLIN 39, GLIENICKER STR. 100 (West Germany) TEL (030) 80 09 2414 TELEX 01- 85 763 IN CHARGE K. ZIEGLER REPORTED BY K. ZIEGLER	
HISTORY AND STATUS DESIGN, date7374	INJECTION SYSTEM radial, 2 magnetic, 1 electrostatic Inflector  EXTRACTION SYSTEM Electrostatic peflector, current Septum, Extraction Magnet FACILITIES FOR RESEARCH SHIELDED AREA, fixed 800 m²; movable m² TARGET STATIONS 16, in .6 rooms STATIONS served atsame time, max MAG SPECTROGRAPH, upp 230 COMPUTER model PPP 11/70 OTHER FACILITIES  EXTERNAL Pulsing System  CHARACTERISTIC BEAMS PARTICLE ENERGY (MeV) CURRENT (pµA) 12c 50-200 50-300 1-0.001 1-0.001 20Ne 50-200 50-300 1-0.001 1-0.001 20Ne 50-200 50-400 1-0.001 1-0.001 40Ar 55-200 50-400 1-0.001 1-0.001 SECONDARY (part/s)  BEAM PROPERTIES MEASURED CONDITIONS PHASE EXC, max ½2 RF deg . 9.5. pµ A of 150 MeV 20Neions EXTRACT eff 59. % 9.5. pµ A of 150 MeV 20Neions EXITRACT eff 59. % 9.5. pµ A of 150 MeV 20Neions EMITTANCE (π mm. mrad) 6. axial 0.5 pµ A of 150 MeV 20Neions EMITTANCE (π mm. programment of the first structure
between Injector and Cyclotron.	