

Warsaw K = 160 Heavy Ion Cyclotron - Status Report. J. CHOINSKI, E. KULCZYCKA, HIL, Warsaw University - Warsaw University isochronous heavy ion cyclotron, commissioned in 1994, is at present a unique machine of this type throughout Central Europe. Currently it operates with a PIG ion source, delivering beams below 5 MeV/amu, as requested by the low-energy heavy ion physical programs accepted for the first two years of operation. Obtaining low-energy beams from K = 160 machine requires the development of non-standard ways of beam extraction, as will be discussed in detail. With the installation of ECR ion source, planned for 1997, the cyclotron operation will gradually move towards higher energies and the machine will reach its full capability.