

The High Current Injector at the MPI fuer Kernphysik in Heidelberg, R. CEE, M. GRIESER, R. VON HAHN, M. MADERT, H. PODLECH, S. PAPUREANU, R. REPNOW, D. SCHWALM, MPI Heidelberg - At the Max-Planck-Institut fuer Kernphysik in Heidelberg the new High Current Injector is momentarily being put into operation. After the successful test of the 2 RFQ resonators in autumn 97, the injector could be completely installed and aligned better than 0.1 mm in accuracy. After a short conditioning period a 16 keV He-Beam was accelerated by the 2 RFQs up to 1.85 MeV with a transmission better than 90%. In its first phase the High Current Injector consists of a CHORDIS-Ion source, two RFQ and eight 7 gap resonators and will deliver beam intensities up to a few mA for singly charged ions. In a second phase an ECR source will be added to provide the full spectrum of highly charged ions up to uranium. In this paper the progress in the built up of RFQs and first results of the conditioning phase of the injector will be reported.