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## Current Status of Rare Isotope Science Project (RISP) of IBS

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The construction of the heavy ion accelerate complex, RAON (Rare isotope Accelerator complex for ON-line experiments), has been carried out under RISP of IBS since 2011. The major accelerator systems, QWR(quarter-wave resonator) and HWR(half-wave resonator) of low energy LINAC system, are in the process of mass production after demonstrating of functional readiness through SCL(super-conducting linac) Demo runs in 2016 including superconducting ECR-IS(electron cyclotron resonance ion source) and RFQ(radio-frequency quadrupole) of injection system. Also, KOBRA (Korea broad acceptance recoil spectrometer and apparatus), the low energy experimental system for the day-1 experiment of early phase runs, is being successfully in the stage of construction with RISP rare isotope production systems, ISOL(Isotope Separation On-Line) and IF(in-flight) fragmentation system and others. Therefore, the current integrated RISP effort and status of the construction of RAON will be reported.

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