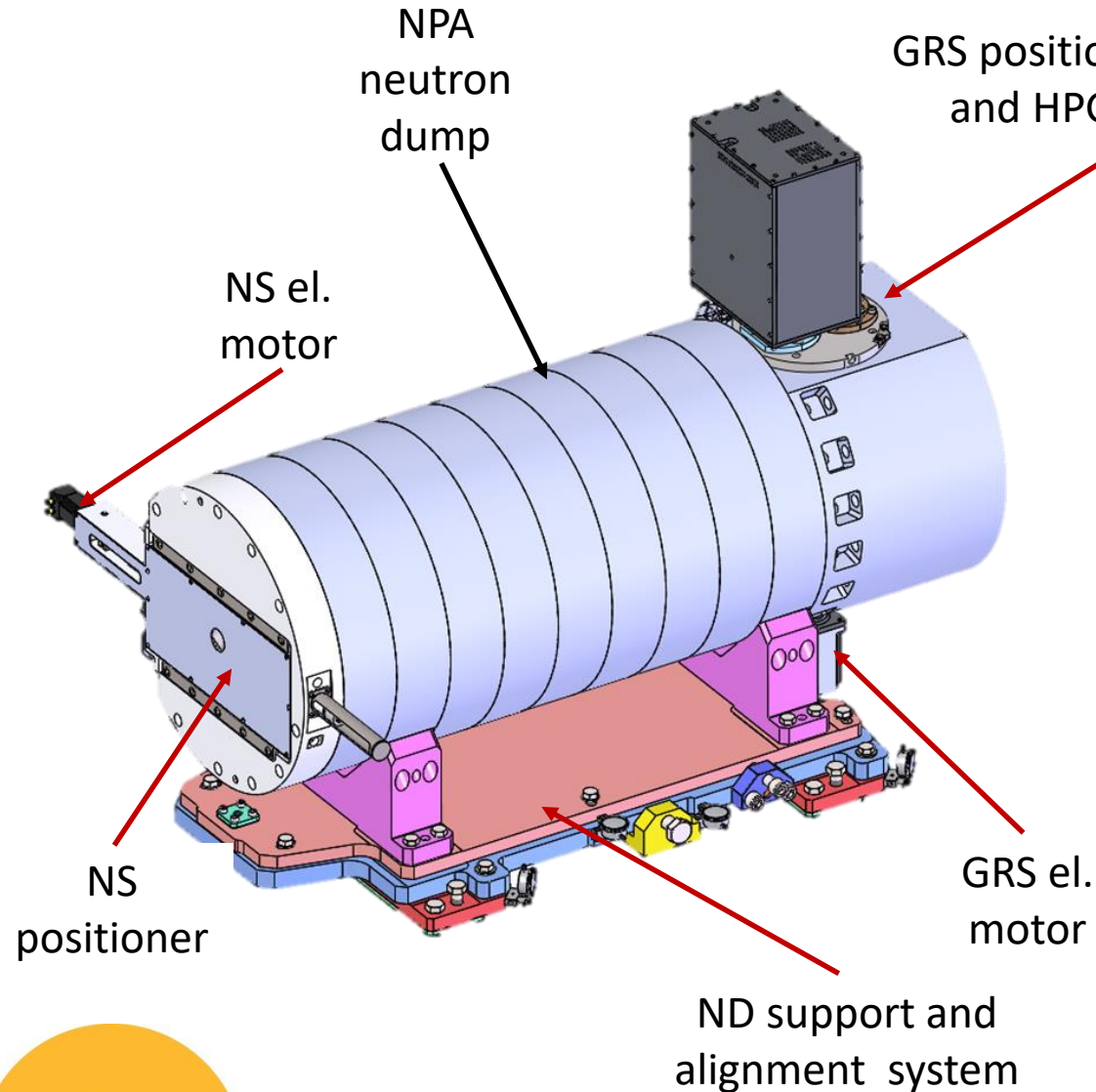


Recent progress in developing Gamma Spectrometer in ITER (in more details see report of D. Gin)



- Detectors of the Gamma-ray Spectrometer (GRS) and Neutron Spectrometer (NS) are located in the Neutron Dump (ND) of the Neutral Particle Analyzer (NPA);
- System provides data on distribution functions of fast ions and runaway electrons (>10 ITER parameters);
- Current development phase is Final Design preparation;
- 3D-model of the ND support and alignment system has been developed, mockups of the neutron dump sections hardware with the detectors manufactured;
- Key elements (position control system, detectors, preamplifiers, etc) of the GRS and NS have been successfully tested under the integral neutron flux of 10^{13} n/cm²;
- Preliminary version of the dedicated realtime acquisition solution for high count rate 400 s measurements tested (set of ITER like conditions also reproduced).