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## Status report on Survey and Alignment Concept for the SPIRAL2 accelerator

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The SPIRAL2 project located at the Grand Accélérateur National d'Ions Lourds (GANIL facility - Caen, France) has been studied since the beginning of 2001, and is now under construction. This project aims at delivering rare (radioactive) isotope beams with intensities not yet available with presently running machines. An important aspect of this project is that it is foreseen to deliver up to five different beams in parallel to the users.

This poster covers the survey and alignment concept for the SPIRAL2 accelerator components. In such a project, the alignment aspects have to be studied very early. To determine the best technique for aligning any equipment, it is essential to know the precision required for the six degrees of freedom, and to understand the reasons for the requested precision. The alignment procedure is taken into account early in the design of the various elements. An object is "located" by its fiducial marks. The high quality of the mechanical connection to these marks is important in the final precision of the object location. This poster will also present instrumentation which will be used for accelerator components alignment.

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