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## Lesson learned during the installation of a complex neutron guide system

*Wednesday, 22 October 2025 10:00 (15 minutes)*

The H15 neutron guide at the ILL is a complex system delivering neutrons to 5 new or fully renovated instruments.

Due to its dimensions, in particular before the first split, the reduced places for the instruments and their demands in terms of beam conditioning (polarization, monochromators, chopper systems, etc.), the installation process has been full of surprises. Reactivity and quick problem solving have been a necessary tool on the building site to deliver a state of the art neutron guide.

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