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## First Line Diagnosis at ISIS

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FLD, "First Line Diagnosis", is the ISIS fault diagnosis tool and technical knowledge base, which has undergone a recent system-wide upgrade. FLD 2.2, like previous versions, contains a wide range of online operational resources, from fault analysis flowcharts and repair procedures to risk assessments and video tutorials. This valuable information is curated by equipment specialists spanning all sections of the ISIS facility, and has been shown to reduce accelerator downtime. Whilst expanding content remains a key focus, the user experience and subsequent feedback is critical to improving take-up. The enhanced version, FLD 2.2, utilises modern web technologies including HTML5 with AJAX and JSON to deliver new features including user pathway tracking, global UI elements and a purpose-built, fully searchable content library. The result is a more scalable and usable system, with facilitated user interactions and faster navigation.

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