The Schlumberger Line Management System (LMS) is an effective way to ensure the retrieval of a complex completion string. Installed above a multiport packer, it is used when the packer cannot be retrieved in an intelligent completion string.

The LMS provides a point in the completion string at which the tubing string can be reliably parted, including any control lines on the outside of the tubing string. The control lines can be parted in a predetermined location to facilitate packer retrieval.

To ensure appropriate integration to the specific completion design, the LMS is designed with configurable options that include

- multiple control line sizes
- a swivel design for easy alignment with packer
- retrieval via intervention with a tubing cutter.

**SIMPLE, RELIABLE OPERATION**

The LMS is made up in the tubing string and is located just above the multiport packer. If the multiport packer becomes stuck during deployment or a workover, an explosive jet cutter is lowered into the LMS to cut the mandrel at a predetermined target. After a straight pull, external cutters sever the control lines, allowing the LMS assembly to be retrieved—together with the control lines above the packer—leaving a clean fishing neck for further operations.

The LMS is available in sizes of 4.5 and 5.5 in, along with other sizes on request. The OD of the LMS is a function of the number of control line bypasses required. The mechanical properties of the LMS are the same as those of the tubing.

**APPLICATIONS**

- Provision of clean fishing neck above multiport packers with retrieval problems

**BENEFITS**

- Minimizes expensive workovers
- Minimizes expensive sidetracks

**FEATURES**

- Provides a clean fishing neck above multiport packers
- Offers simplicity and reliability in running and retrieving
- Has control lines that run straight through the device
- Has concentric swivel design that provides easy alignment
- Provides a large cutting target
- Offers mechanical properties equal to tubing
- Has large bevels on both ends
- Provides externally testable fittings
- Can be configured to most completion designs