

**Jointing Automated
Documentation Environment**



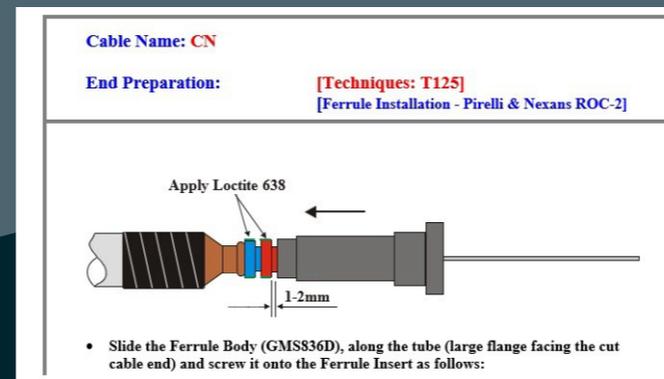
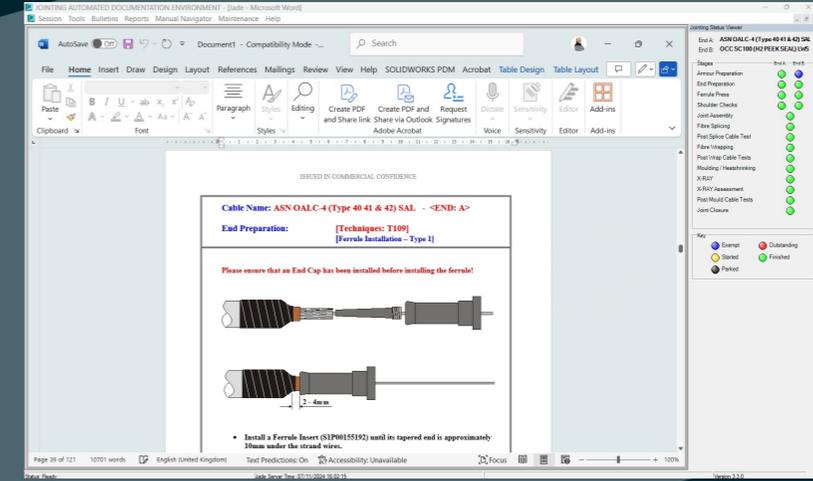
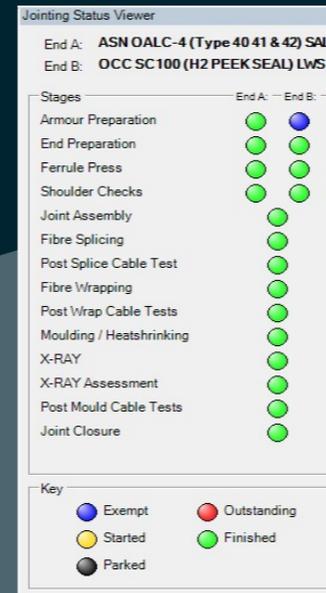
SubConnect



Introduction

JADE is a revolutionary software application, endorsed by the Universal Joint Consortium (UJC). JADE enhances the joint construction process by automating the production of bespoke, mainly pictorial, jointing materials for UJ and UQJ qualified cables.

Jade records the progress of joint construction through each stage of the sub operations, capturing accurate, traceable, consistent information.



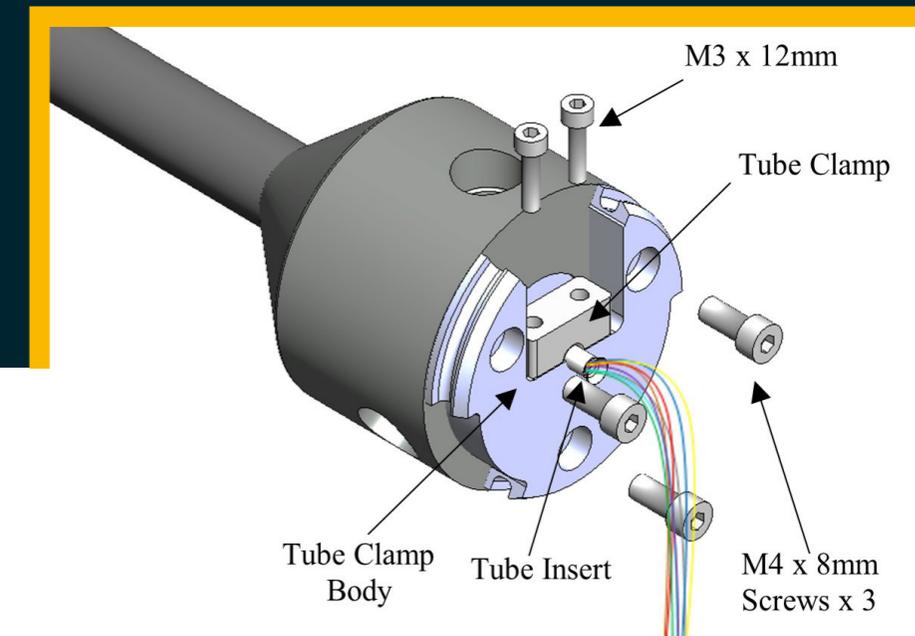
The use of JADE drives jointing consistency across all jointing teams, standardises the presentation of jointing information and recording of key assembly stage parameters to improve the overall efficiency of the repair operation and provide the client with a fully auditable trail of the joint's information and timings.

Key Features

- › Meets and Exceeds the Industry standard for Joint Build Reporting
- › Records all times of the jointing process
- › Each JADE jointing manual created is tailored to the cable combination being jointed, the vessel/location, kits and personnel
- › JADE is a UJC endorsed product, regularly updated to the latest techniques and technology
- › Reduces jointing time and improves quality by eliminating errors
- › Interactive and records all jointing parameters and testing data
- › Simultaneously used on any number of vessels and locations in the world
- › Can be updated remotely
- › Contains the latest technical information
- › Unique reference number for each joint produced

Benefits

- › User friendly
- › Jointing Procedures are simplified
- › Essential information presented in a mainly pictorial format
- › Detailed Completion Reports for internal/external quality control for each joint build.
- › Complete traceability for Customers
- › Three levels of support for the joiner: Storyboards, Techniques and UJCMs
- › Remote Monitoring of jointing progress via separate Jointing Status Viewer Screens
- › Technique sections allow access to in depth information for specific operations e.g Ferrule swaging
- › Highlights non-qualified joint combinations



What can JADE do?

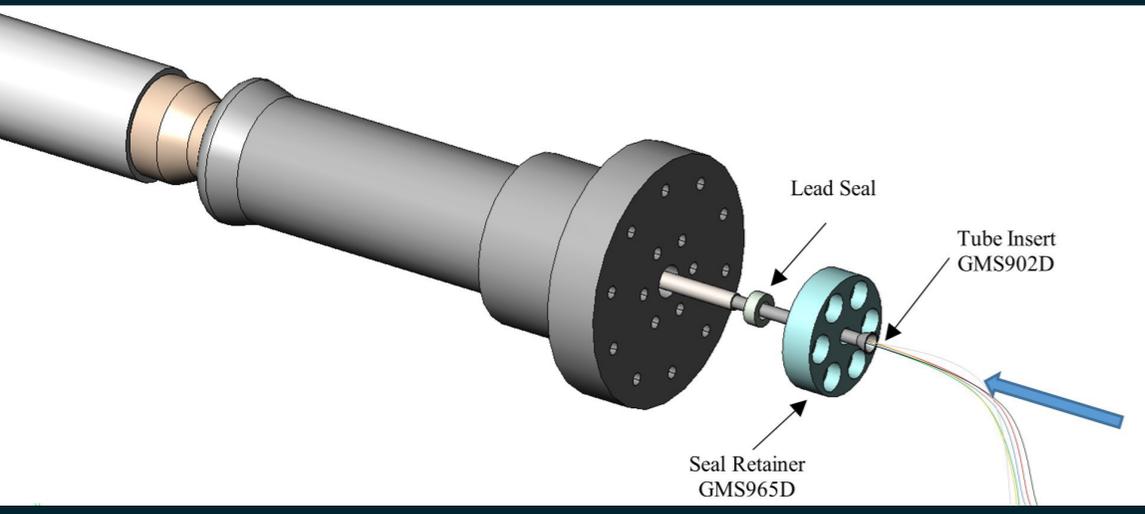
Each joint's unique reference number captures, equipment details and calibration status, and new cable types can be included as they are qualified. JADE software can be used to carry out practice joints and record training/exam joint details.

JADE can reduce jointing time and improve quality.

JADE eliminates the need to access and search for the cable specific details from the many UJCM sections required for joint construction and improves quality by ensuring that the latest jointing information is always available. There are no paper logs to complete nor in-depth reading/interpretation of the construction manuals required (although these are always readily available for reference), only relevant information is presented.

JADE is interactive

Critical dimensions are checked automatically following input from Jointers. Testing and jointing data is recorded electronically. Comments and problems can be recorded at any stage. If re-work is required, JADE allows for this at any stage, calculates the revised times and includes any extra piece-parts or kits and their serial numbers. All this data is collated in the Completion Report



JADE has multi-document access

JADE allows instant access to the pictorial Story Boards comprising the relevant technical content plus the more detailed techniques, the bulletins, the latest versions of the UJCMs and UQJCMs issued by the UJC.

JADE provides the latest information.

JADE reference information is controlled from one central source. When jointing information is changed or new cables are added, this information is transmitted to the vessels and locations, updating their local databases. JADE contains a jointing Status Viewer, which can be installed in several locations of the vessel to allow key personnel to check on the progress of the repair.



JADE comprehensive report

A comprehensive Completion Report is produced at the end of the repair at the touch of a button. This contains all the jointing and testing data entered during the repair, including critical dimensions, problems, comments, times for each stage and equipment used. Jointing and testing times are also displayed graphically for statistical purposes. The Completion Report is encrypted and can be opened by a stand-alone viewer at a separate location. This is controlled by JADE so it can't be edited, due to this the jointing process is fully auditable.

The Joint details are private to the vessels and those whom they chose to share it with, the personal jointing information is not shared with the central location.

JADE is for New and Experienced Jointers

JADE caters for a wide skill base. Most experienced Jointers will only need to refer to the Storyboards but quick and easy access to more details such as Techniques and UJCM sections are available at any time for newer Jointers.

LW END PREPARATION					
END A:					
STAGE	FINISH	TIMESTAMP	13/05/2024 15:46:18		
COMMENTS	END Chose To: Start End-A Shoulder Checks				
SHOULDER CHECKS (FIBRE TESTS)					
END A:					
STAGE	START	TIMESTAMP	13/05/2024 15:46:19		
COMMENTS					
STAGE	FINISH	TIMESTAMP	13/05/2024 15:46:31		
COMMENTS	Chose To: Start End-B End Preparation				
QUALITY ASSURANCE INFORMATION					
5.10: Are steel wires free from damage? [YES] Is the average Post-Press steel wire depth within 1mm of the Pre-Press measurement? [YES] 8.1.3: Is ferrule depth in range 11 to 15mm? [YES] 9.5: Is Nut depth between 0 & 1mm? [YES] 10.8: Are the fibres free from damage? [YES]					
RAW JOINTING LOG					
TIMESTAMP	JOINTER	JOINT END	PROCEDURE	STAGE	COMMENTS
13/05/2024 13:16:11	Shift Jointers	A	End Preparation	START	
13/05/2024 14:48:02	Shift Jointers	A	Ferrule Press	COMPLETE	
13/05/2024 15:46:18	Shift Jointers	A	End Preparation	COMPLETE	END Chose To: Start End-A Shoulder Checks
13/05/2024 15:46:19	Shift Jointers	A	Shoulder Checks	START	
13/05/2024 15:46:31	Shift Jointers	A	Shoulder Checks	COMPLETE	Chose To: Start End-B End Preparation
13/05/2024 15:46:32	Shift Jointers	B	End Preparation	START	



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