



*OCS has the expertise, key personnel and equipment to provide single source, cost effective, post trenching burial for marine pipelines. OCS owns all the key elements of the post trenching equipment spread. The equipment can be mobilized at relatively short notice onto an OCS barge or a third party barge provided by a customer. OCS post trenching system can be operated in deep or shallow water. Pipe riding Jet sled is one of the equipment used in post trenching spread. OCS already owns and operates pipe riding jet sleds but this sled have the disadvantage of requiring support while they are pulled along the pipeline to prevent them turning over.*

*Specification of the OCS employed pipe riding jet sled are as follows:*

Pipe riding Jet sled	
Jetting Nozzles	220 nos
Jetting Nozzle Dia	1/8" - 3/4" (3.18 - 19.05mm)
Nozzle Pattern	Vertical axis along the front of jetting arms
Flow Rate	1550 - 1650m <sup>3</sup> / hr
Eductors (Rear)	12" x 2nos
Eductors (Mid)	12" x 2nos
Eductor Control Valve	50% open @ 160 (11)
psi (bar)	100% open @ 140 (9.7)
	80% closed @ 240 (16.5)
Trench Depth	approx 1-2m based on jetting arms adjustment
Sled/Trench Monitoring	Scanner to assist sled stabbing
	Echo-sounder deployed to review trench
Dimensions, mm	5000 x 2500 x 4500 x 15MT
No of Units	1

*OCS has Equipment passports for individual equipment which must be reviewed before each project to assess the status. The equipment passport gives the working history, maintenance and certification history of the equipment.*

*It is important to regularly review the list of critical parts of the equipment before each project and do the remedial works for any fault noticed.*

*Where failures occur during operations Equipment Bulletins will be issued to document the problem and the remediation solutions applied. The equipment bulletin will be circulated to all field engineers to be informed about the possible failure that can occur during the operation and thereby avoid future failure.*

*This equipment file remains a live document and will be constantly updated by the equipment department.*