<u>Technote #</u> 100020	Polarity of RS-485 and RS-422 Signals.	Date February 2, 1999
<pre>100020 There is confusion regarding the polarity of the RS and receive signal pairs. The RS-485 and RS-422 sp transmit and receive signal pairs as XMT-A, XMT-B, Unfortunately most manufacturers have ARBHTRARLY a XMT+ or XMT Similarly for the RCV signal pair. defines the A and B signals as either negative or p that in the mark condition, XMT-A is more negative a relative definition. What does this mean? You might want to swap the p application does not function properly. If the oth does use -A and -B for the polarity identification, signals correspond as follows: XMT+> XMT-B RCV> RCV-B RCV> RCV-A. This only applies if the remote end is not another any of these converters on both ends: 2089, 2085, 2 and their corresponding rack cards, this does NOT a and receive signal pairs. The RS-485 and RS-422 sp transmit and receive signal pairs as XMT-A, XMT-F, Unfortunately most manufacturers have ARBHTRARLY a XMT+ or XMT Similarly for the RCV signal pair. defines the A and B signals as either negative or p that in the mark condition, XMT-A is more negative a relative definition. What does this mean? You might want to swap the p application does not function properly. If the oth does use -A and -B for the polarity identification, signals correspond as follows: XMT+> XMT-B RCV+> RCV-A. This only applies if the remote end is not another any of these converters on both ends: 2089, 2085, 2 and their corresponding rack cards, this does Not another any of these converters on both ends: 2089, 2085, 2 and their correspond as collows: XMT+ or XMT-A correspond as polarity identification, and their correspond as dollows: XMT+> XMT-B RCV+> RCV-A.</pre>	<pre>185 and R\$422 transmit colfications define the XV-A, and RCV-B. ssigned XMT-A as either The specification never ssitive. They only state chan XMT-B. This is only blarity if your er R\$485 or R\$422 device note that the Patton 2089. If you are using] 22N, 22ZN9, 2084, 2086, oply. 100020 ^Polarity of RS-485 and RS-422 Signals. ^February 2, 1999 ^There is contribution of the second state of the second state of the specification never ssiture. They only state chan XMT-B. This is only blarity if your er R\$485 or R\$422 device note that the Patton 2089. If you are using] 22N, 22ZN9, 2084, 2086, poly. 1004 changes!^</pre>	confusion regarding the polarity of the R\$485
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