

- (1) -4.167 to +2.778 ms/trace (3.0/4.5 km/sec.)
- (2) -3.125 to +2.273 ms/trace (4.0/5.5 km/sec.)
- (3) -2.500 to +1.923 ms/trace (5.0/6.5 km/sec.)

On examination of these test results, FK filter with a pass range of -3.125 ms/trace to 2.273 ms/trace was used to produce an initial stack.

4.4 DECONVOLUTION BEFORE STACK TESTS ON SHOTS

On inspection of tests conducted in steps 4.2 and 4.3, the decision to apply F-K filter before wavelet deconvolution was made. Desired output band limits were set to 5 - 90 HZ. Tests were carried out with and without conventional predictive deconvolution operators.

Parameters tested were :-

- (1) DEFLAT only 5 - 90 HZ
- (2) DEFLAT only 8 - 90 HZ
- (3) DEFLAT with 24ms gap + 300ms active operator
- (4) DEFLAT with 36ms gap + 300ms active operator
- (5) DEFLAT with 48ms gap + 300ms active operator

4.5 MULTIPLE ATTENUATION TESTS

After decisions were made to the FK filter and Deconvolution before stack, line BB90-191A was tested using ZMULT, PMULT and WEMA with Initial stacks produced for each of these multiple attenuation processes.

These tests were carried out for the complete line SPT 781 - 1260.

