

1. No filter
2. 0-10 Hz
3. 7-14 Hz
4. 10-20 Hz
5. 14-28 Hz
6. 20-40 Hz
7. 28-56 Hz
8. 40-86 Hz
9. 56-112 Hz
10. 80-125 Hz
11. 10-50 Hz
12. 10-60 Hz
13. 10-70 Hz
14. 10-80 Hz
15. 10-90 Hz
16. 10-100 Hz
17. 10-125 Hz

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Bandpass filter of 10-90 Hz was chosen.

4. Migration test was performed on line BB85-26 to identify problems and algorithms to solve them. Four different migrations were performed on the line:-

1. F-K
2. Finite difference
3. Kirchoff
4. Partial pre-stack migration followed by FK migration after stack

Finite difference migration algorithm was chosen for production processing.