

Tap Oil T/47P 3D PSTM



Zero phasing test

Post migration processing flow

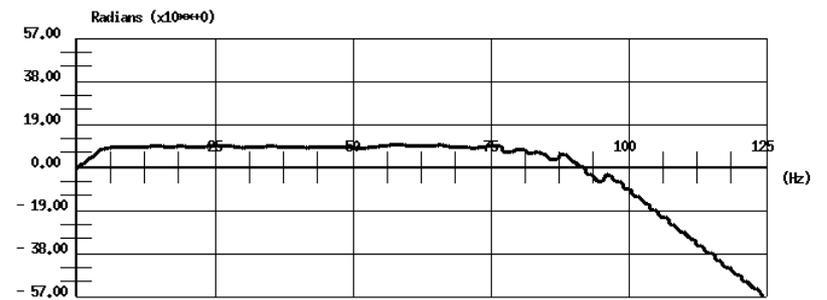
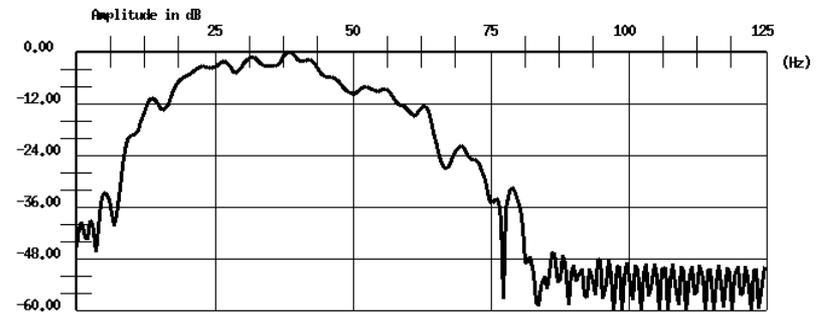
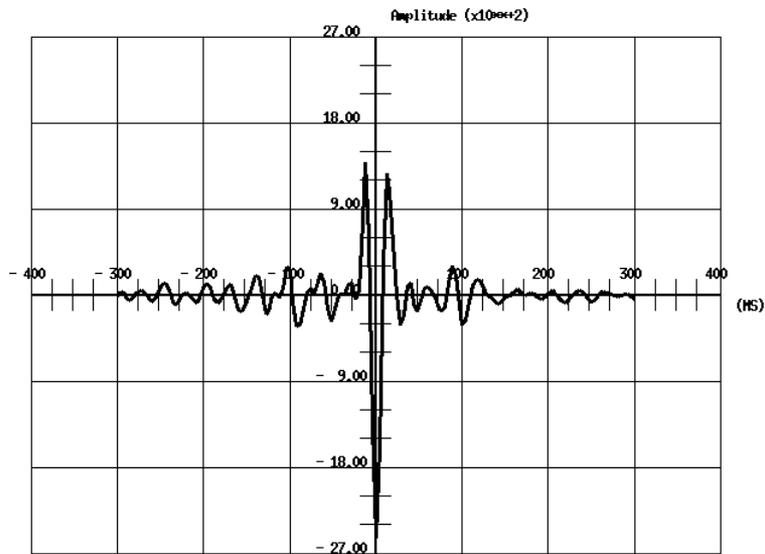
- Final migration
- Residual velocity analysis
- Radon
- PRAISE
- FLAT3D
- Acquisition footprint removal
- Offset weighting
- Angle mute from 5~40 degree
- Stack
- Inverse Q
- QWAVE
- TVF
- Zero phasing test
 - Subline of fast track = 2820 – subline of CGGVeritas

Original wavelet from the stack

CGGVeritas

PROJECT: SPR135PC:S563TAP

DATE: 24 July 2008

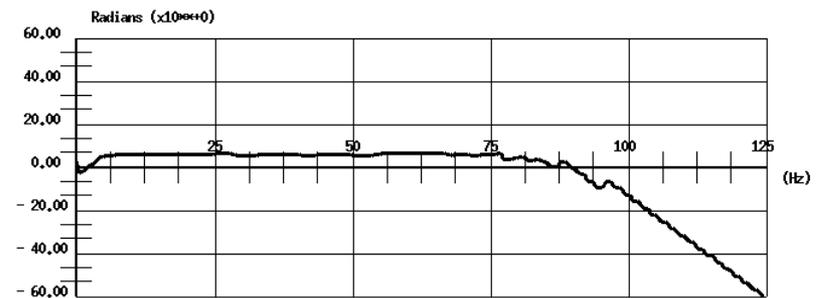
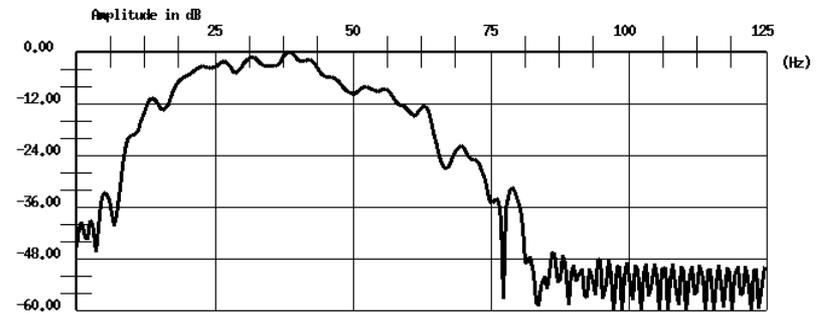
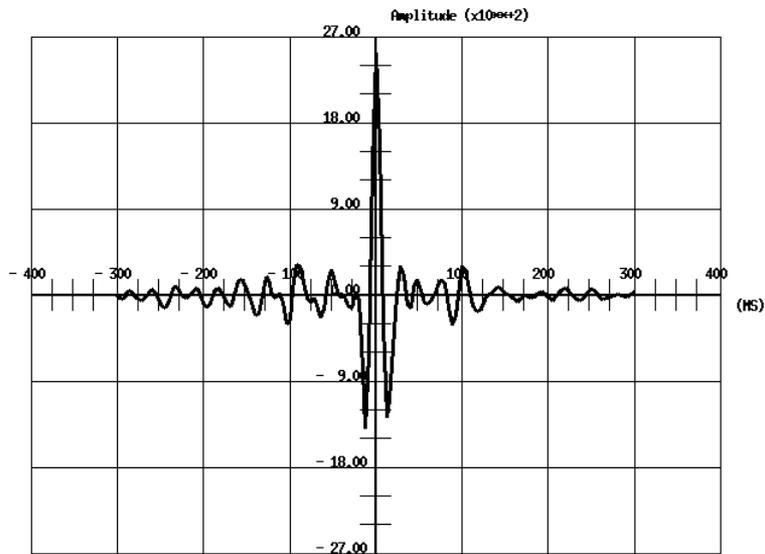


Original wavelet after reversing its polarity

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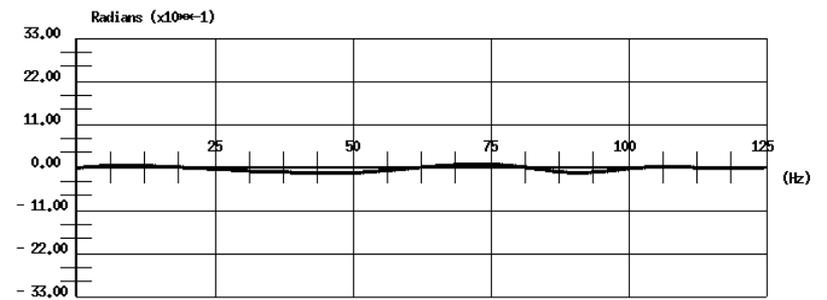
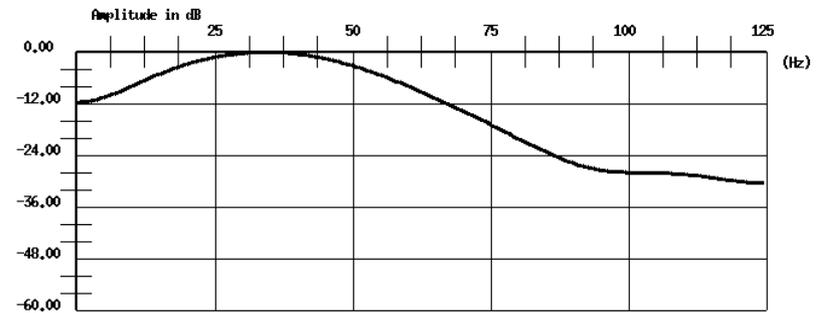
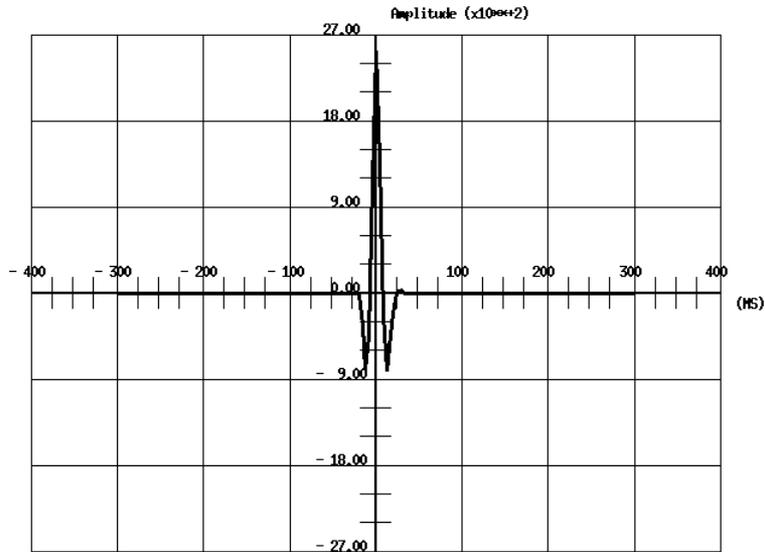


Truncating the reversed wavelet

CGGVeritas

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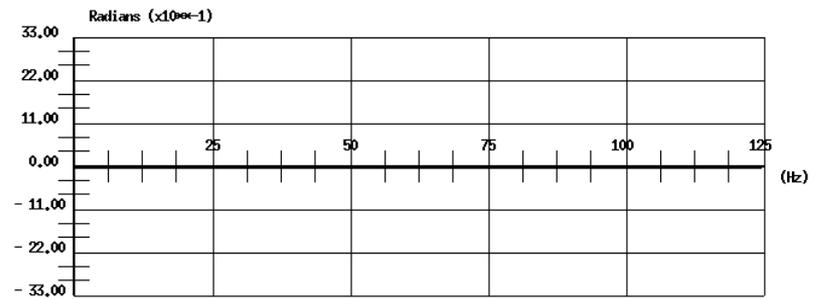
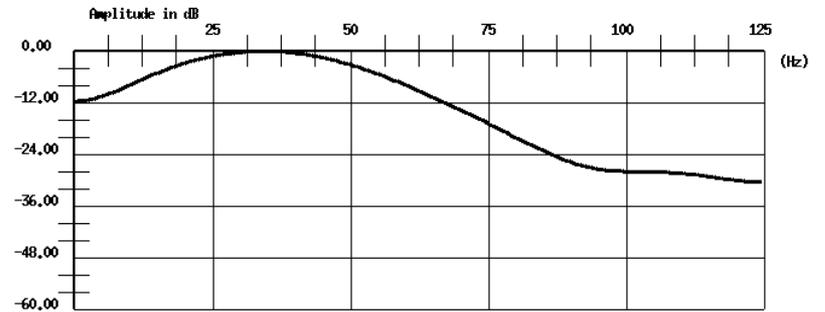
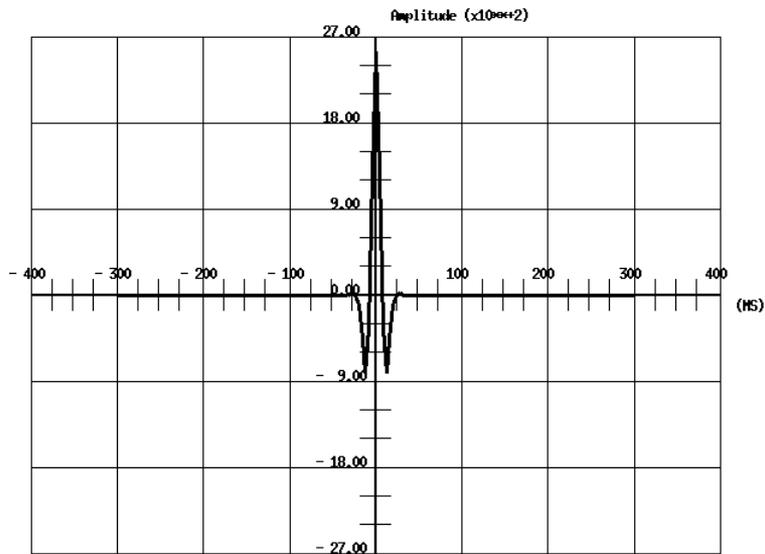
The zero phase equivalent of truncated wavelet

EXIT

CGGVeritas

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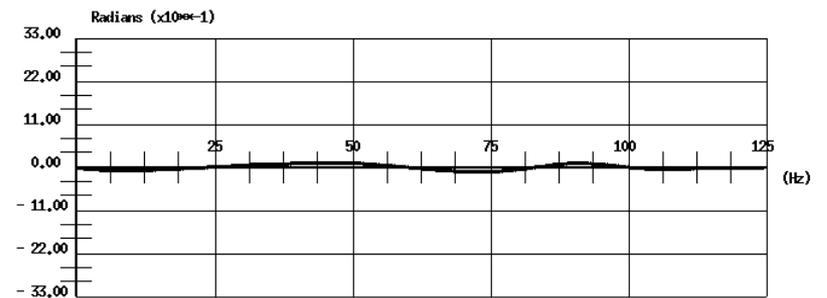
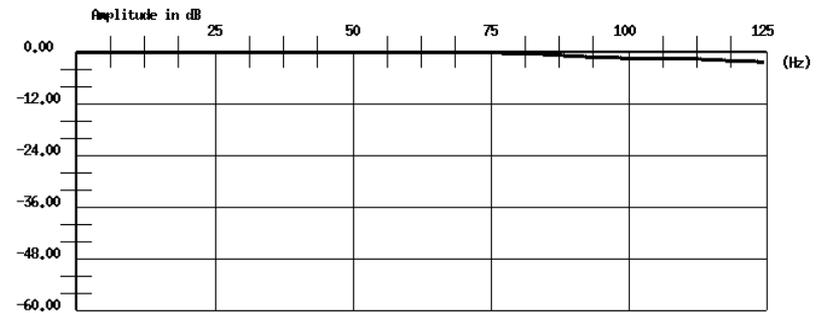
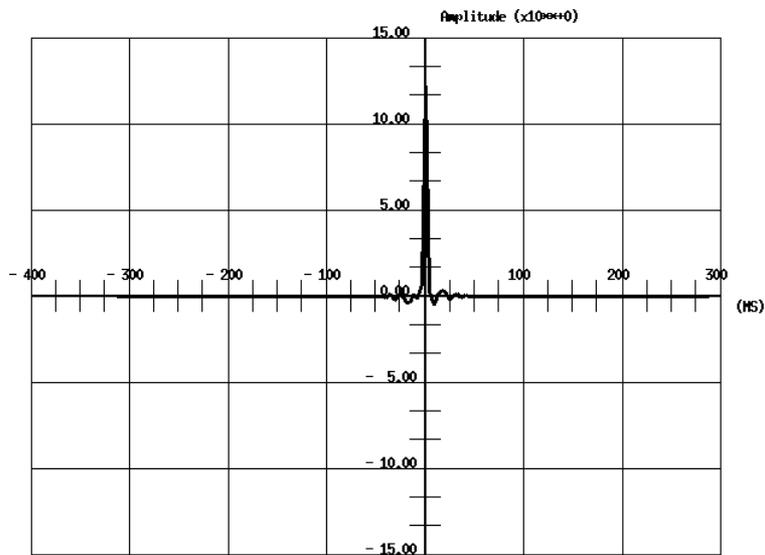


Zero phasing filter after matching truncated wavelet to its zero phase equivalent

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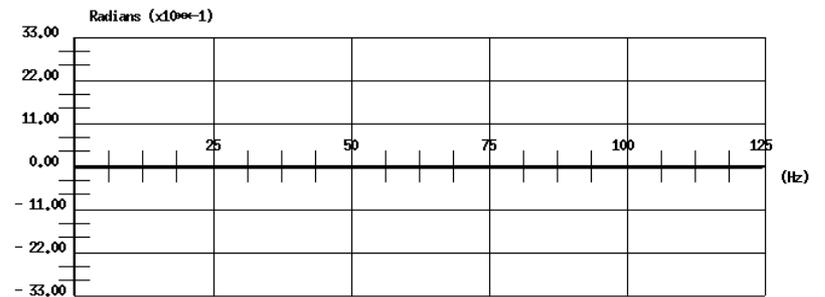
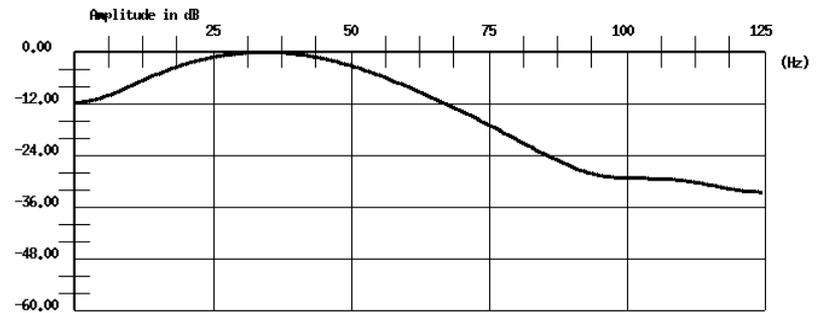
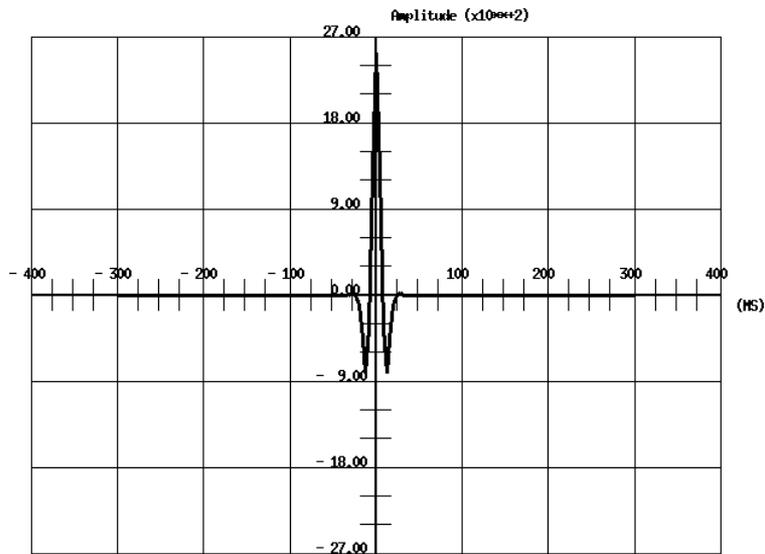


Truncated wavelet convolved with zero phasing filter

CGGVeritas

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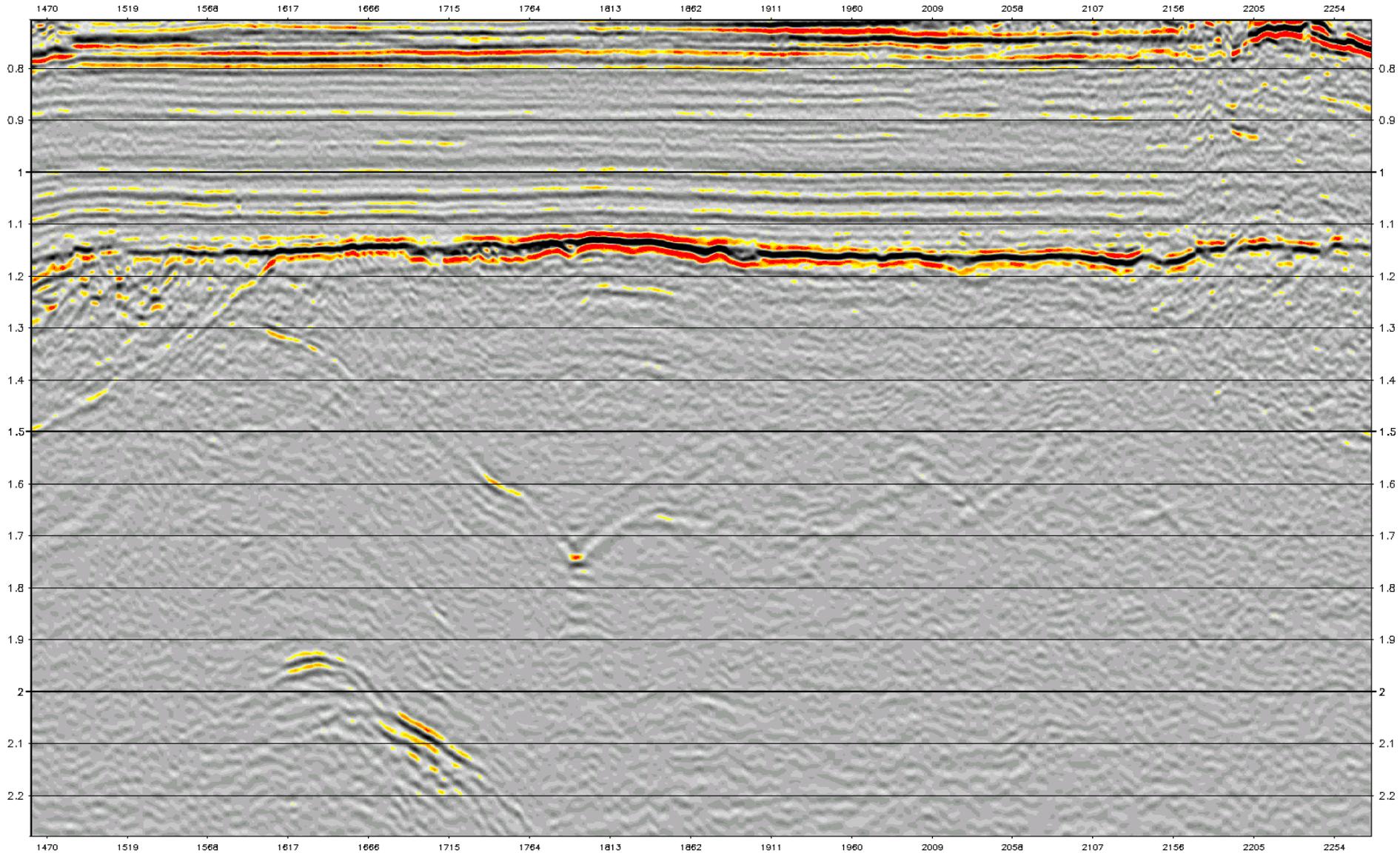
DATE: 24 July 2008



Subline 1794 before applying zero phasing filter

Tango::spr135pc:s563lap:zph |b0.1

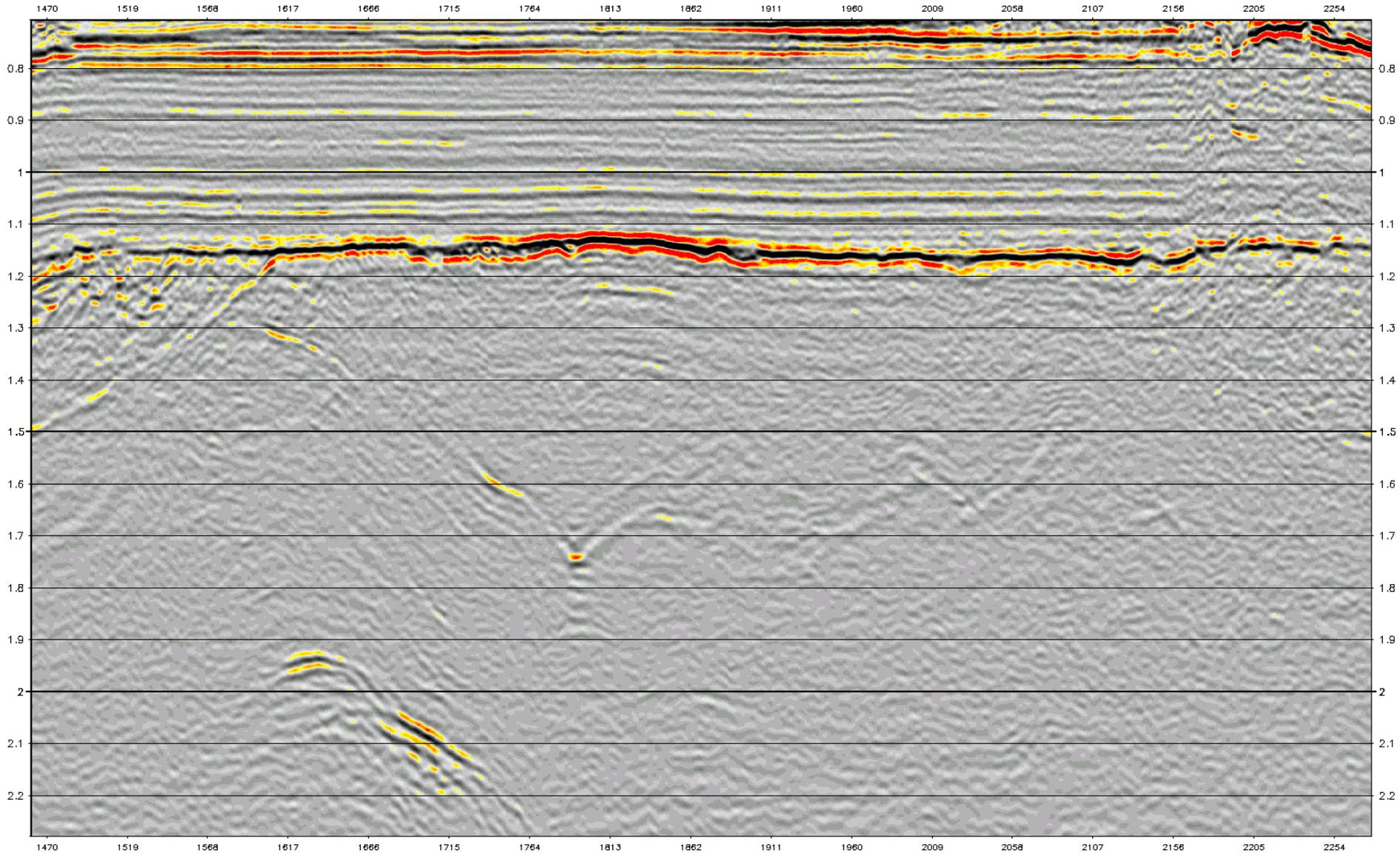
INLINE 1794 / CROSSLINE



Subline 1794 after applying zero phasing filter

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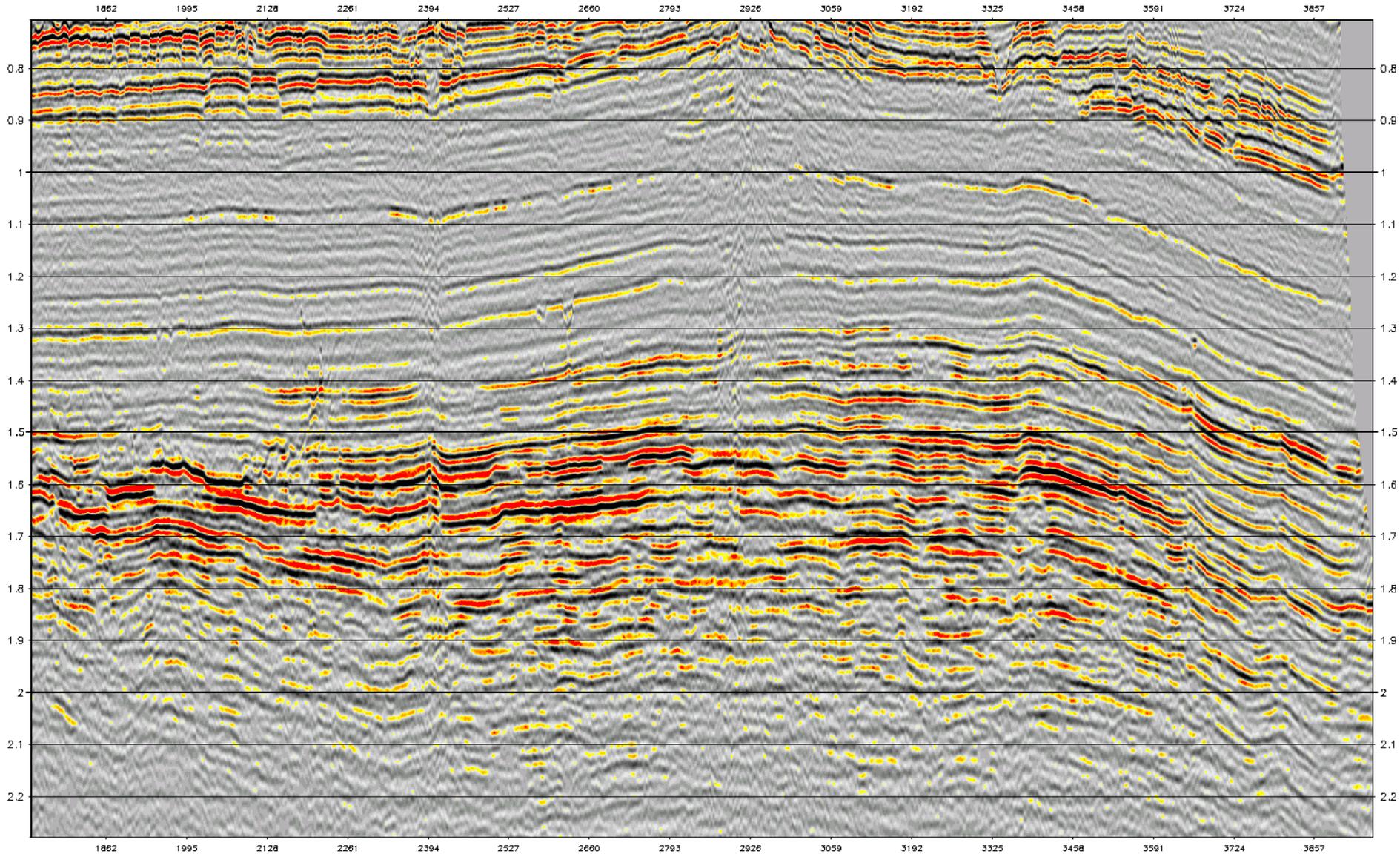
INLINE 1794 / CROSSLINE



Subline 1331 before applying zero phasing filter

Tango::spr224ws:s563tap:f1 331 nobal.1

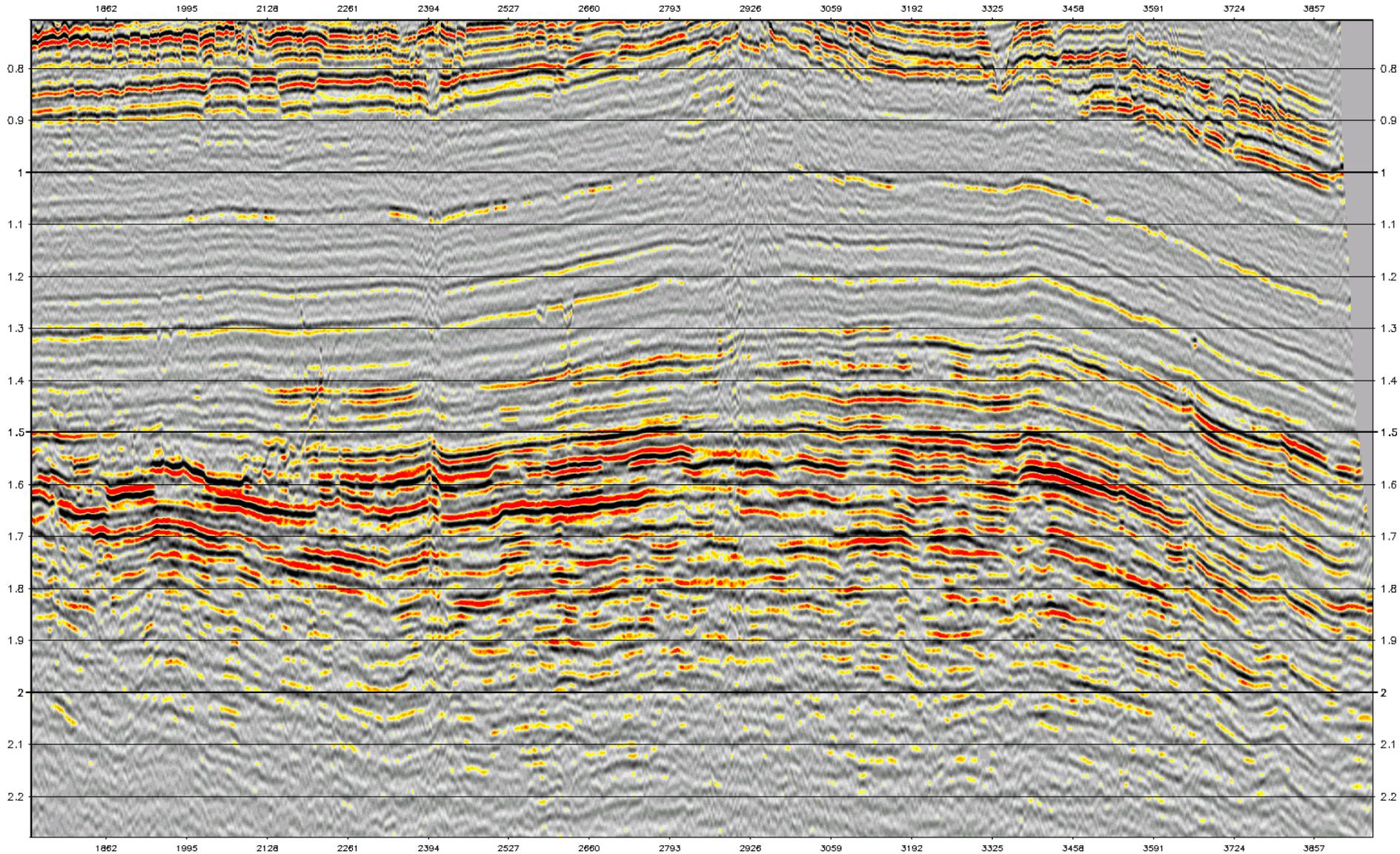
INLINE 1331 / CROSSLINE



Subline 1331 after applying zero phasing filter

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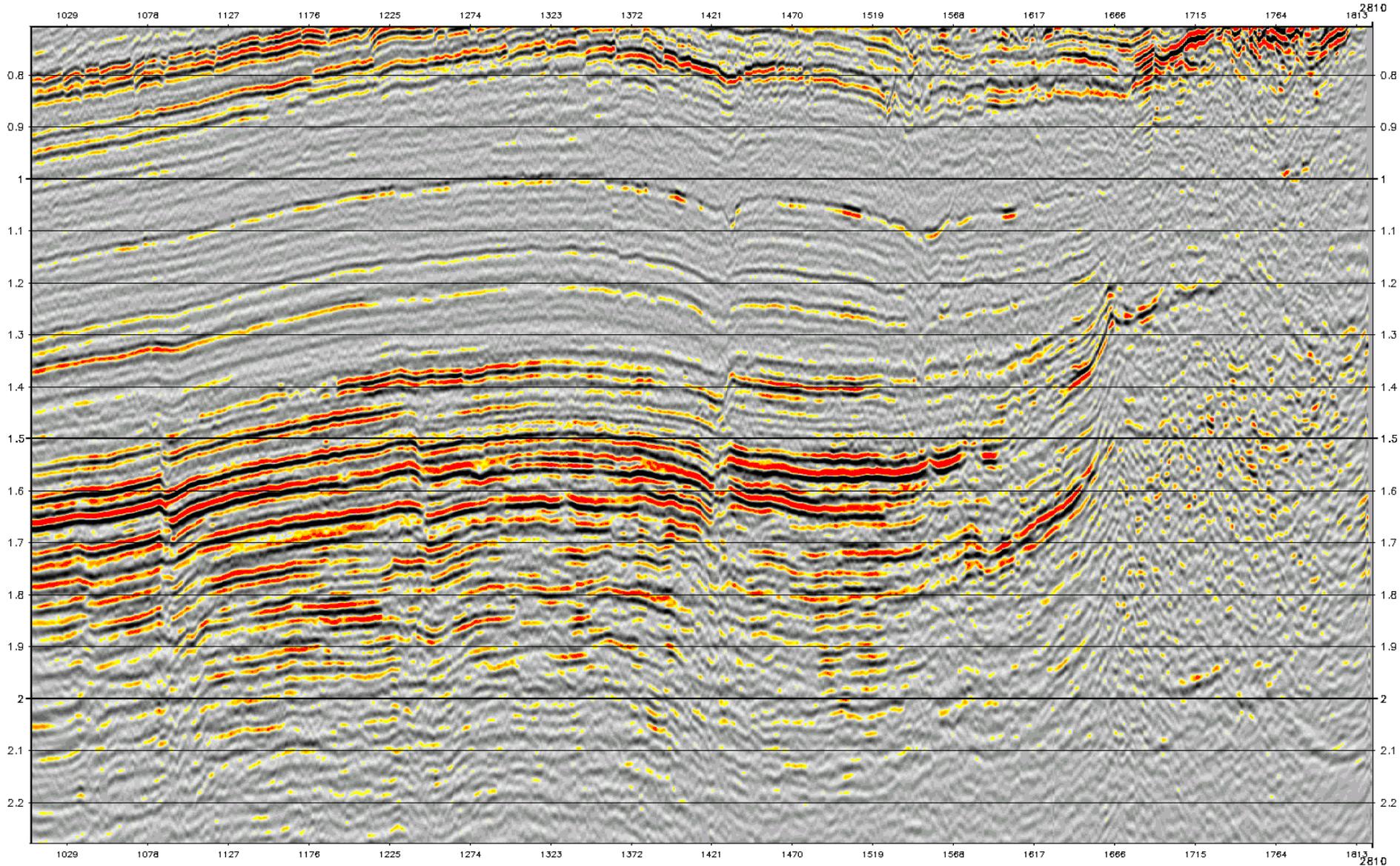
INLINE 1331 / CROSSLINE



Crossline 2810 before applying zero phasing filter

Tango::spr224ws:s563lap:xl2810 nobal.1

CROSSLINE 2810 / INLINE



Crossline 2810 after applying zero phasing filter

Tango::spr224ws:s5631ap:xl2810 zphstlk01.1

CROSSLINE 2810 / INLINE

