

DISCLAIMER

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OTHER SERVICES1
 OS1: HNGS
 OS2: HLDS (Caliper only)
 OS3: HRLA
 OS4: MSS

REMARKS: RUN NUMBER 1

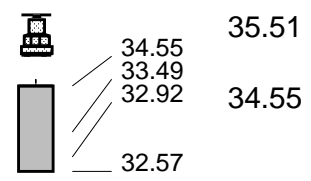
Hole was drilled with a 9-7/8" PDC bit and APC/XCB coring assemlly, cored to a depth of 215.7mbsf.
 Log originally recorded with zero at the drill floor; played back with zero at the sea bed for core data compatibility
 Nuclear measurements corrected for barite
 Hole size corrections made using Bit Size for downlogs and FMS C1 Caliper for up logs
 FMS run with EMEX set to automatic mode and switched on for all of the repeat pass plus the main pass up to 3789mbrf
 FMS Caliper closed on main pass at 3800mbrf to facilitate pipe entry
 DSI run with the following four modes active:
 -P&S in standard frequency
 -Stoneley in standard frequency
 -Upper Dipole in standard frequency
 -Lower Dipole in Low Frequency

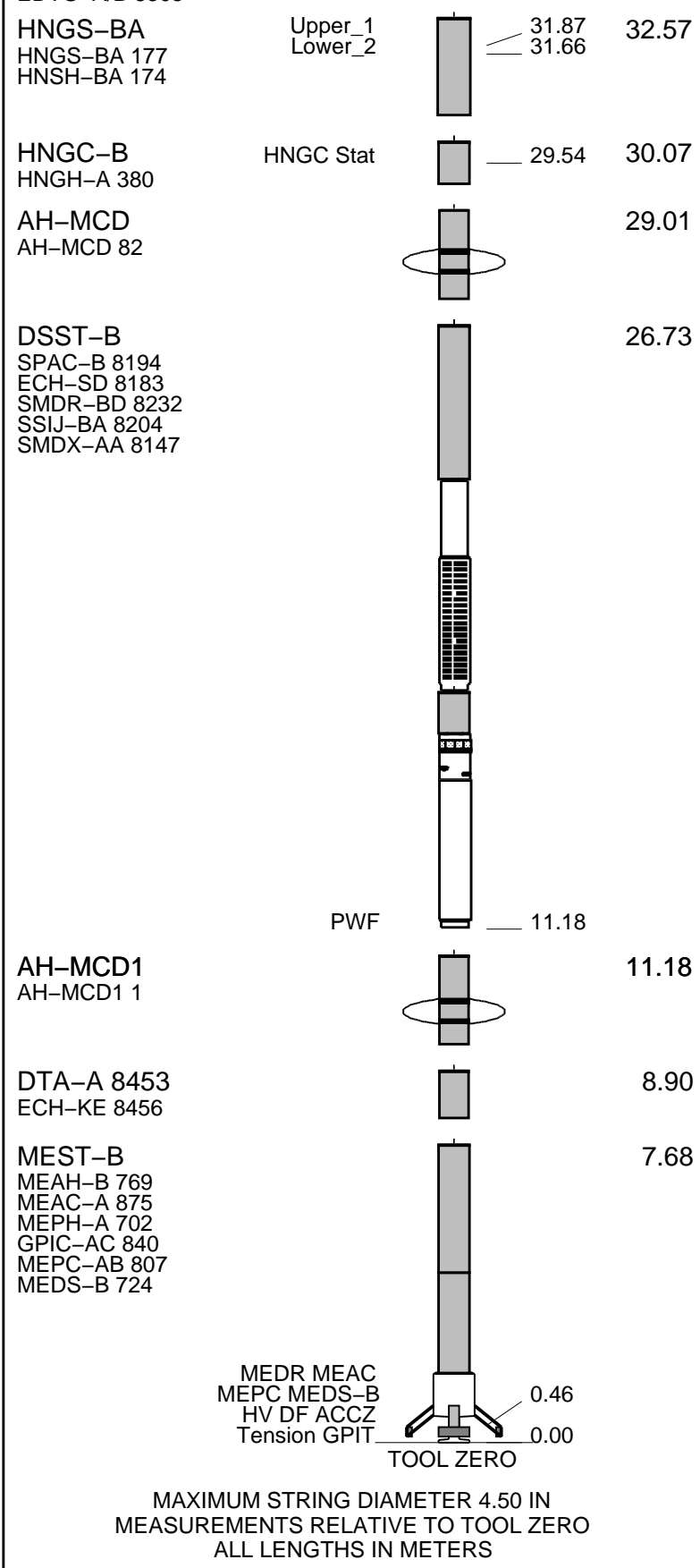
| RUN 1 | | | RUN 2 | | |
|---------------------------|-------|------|------------------|-------|------|
| SERVICE ORDER #: | | | SERVICE ORDER #: | | |
| PROGRAM VERSION: 19C0-187 | | | PROGRAM VERSION: | | |
| FLUID LEVEL: | | | FLUID LEVEL: | | |
| LOGGED INTERVAL | START | STOP | LOGGED INTERVAL | START | STOP |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

EQUIPMENT DESCRIPTION

| RUN 1 | RUN 2 |
|-------------------------------|-------|
| SURFACE EQUIPMENT | |
| GSR-U 616008 WITM (EDTS)-A | |

| DOWNHOLE EQUIPMENT | |
|--------------------|-----------|
| LEH-MT | MDSB_EDTC |
| LEH-MT 301 | Mud Tempe |
| | CTEM |
| EDTC-B | Gamma Ray |
| EDTH-B 8303 | EFTB DIAG |
| EDTC-B 8317 | TelStatus |
| EDTG-A/B 8305 | EDTCB Ele |

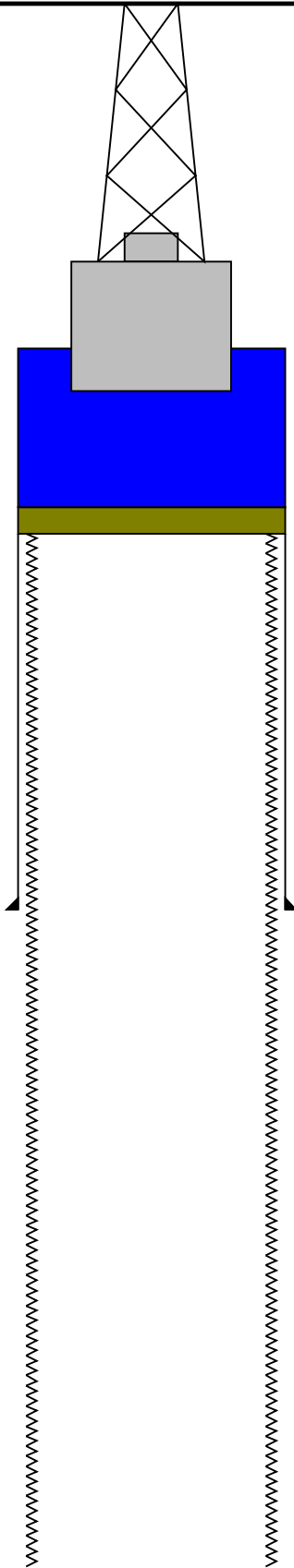




| Production String | (in) | (m) | Well Schematic | (m) | (in) | Casing String |
|-------------------|------|-----|----------------|-----|------|---------------|
| | | | | | | |

Kelly Bushing Elevation
Derrick Floor Elevation
Mean Sea Level

-3690.5
-3690.5
0.0



0.0 9.875 4.000

Sea Floor

78.5 11.000 4.000

Bit - Driller's Depth

215.7 9.875

TD - Driller's Depth

Schlumberger

FMS Main

MAXIS Field Log

Company: Integrated Ocean Discovery Program

Well: Expedition 354, Site U1453A

Input DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|----------|----------|
| DEFAULT | FMS_DSI_NGS_026LUP | FN:18 | PRODUCER | 17-Mar-2015 16:01 | 3904.5 M | 3668.7 M |
|---------|--------------------|-------|----------|-------------------|----------|----------|

Output DLIS Files

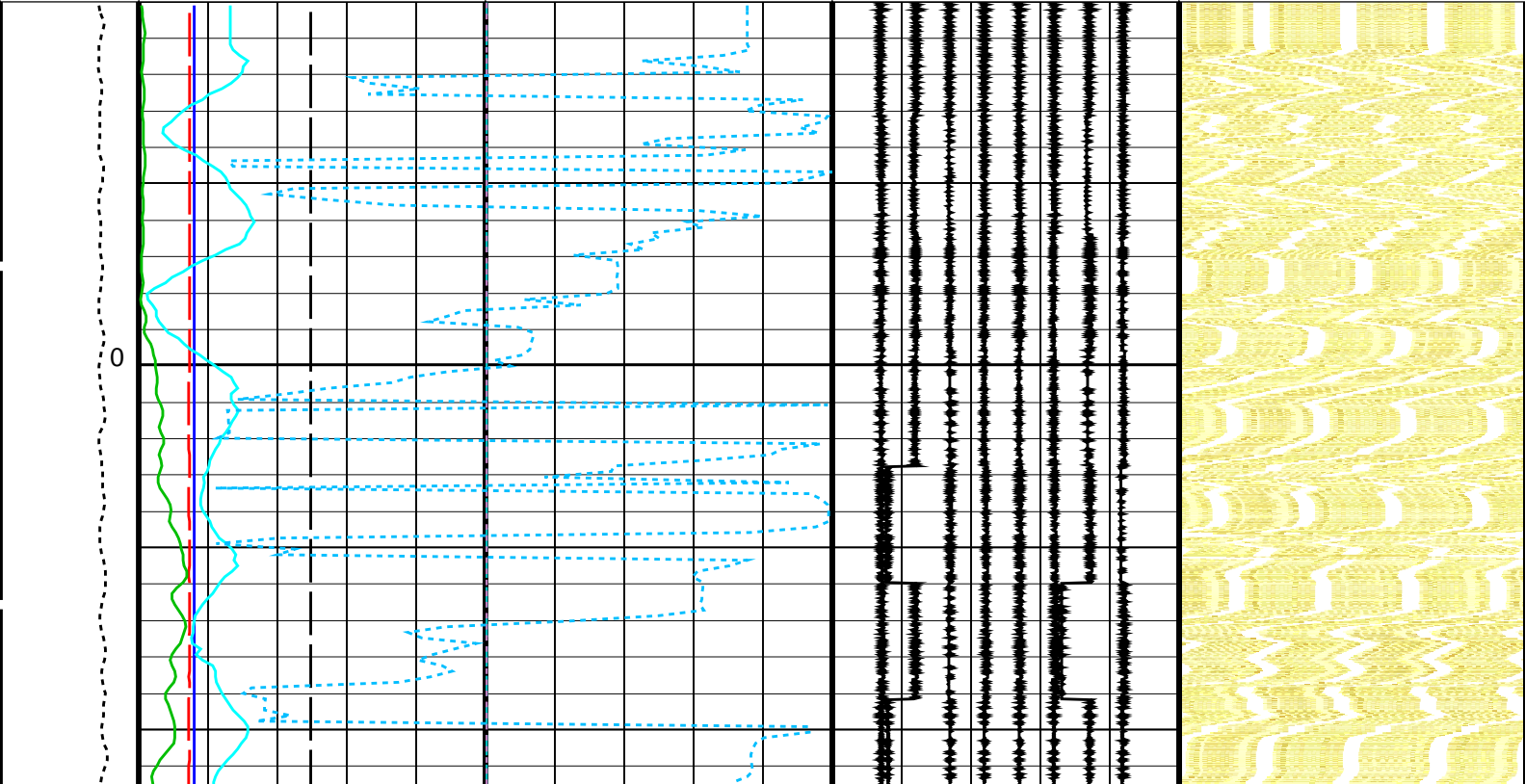
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|---------|--------------------|-------|----------|-------------------|---------|---------|
| DEFAULT | FMS_DSI_NGS_041PUP | FN:32 | PRODUCER | 19-Mar-2015 14:32 | 217.2 M | -10.1 M |
|---------|--------------------|-------|----------|-------------------|---------|---------|

OP System Version: 19C0-187

| | | | |
|---------|----------|--------|----------------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
| DSST-B | 19C0-187 | HNGC-B | 19C0-187 |
| HNGS-BA | 19C0-187 | EDTC-B | SKK-5169-EDTCB |

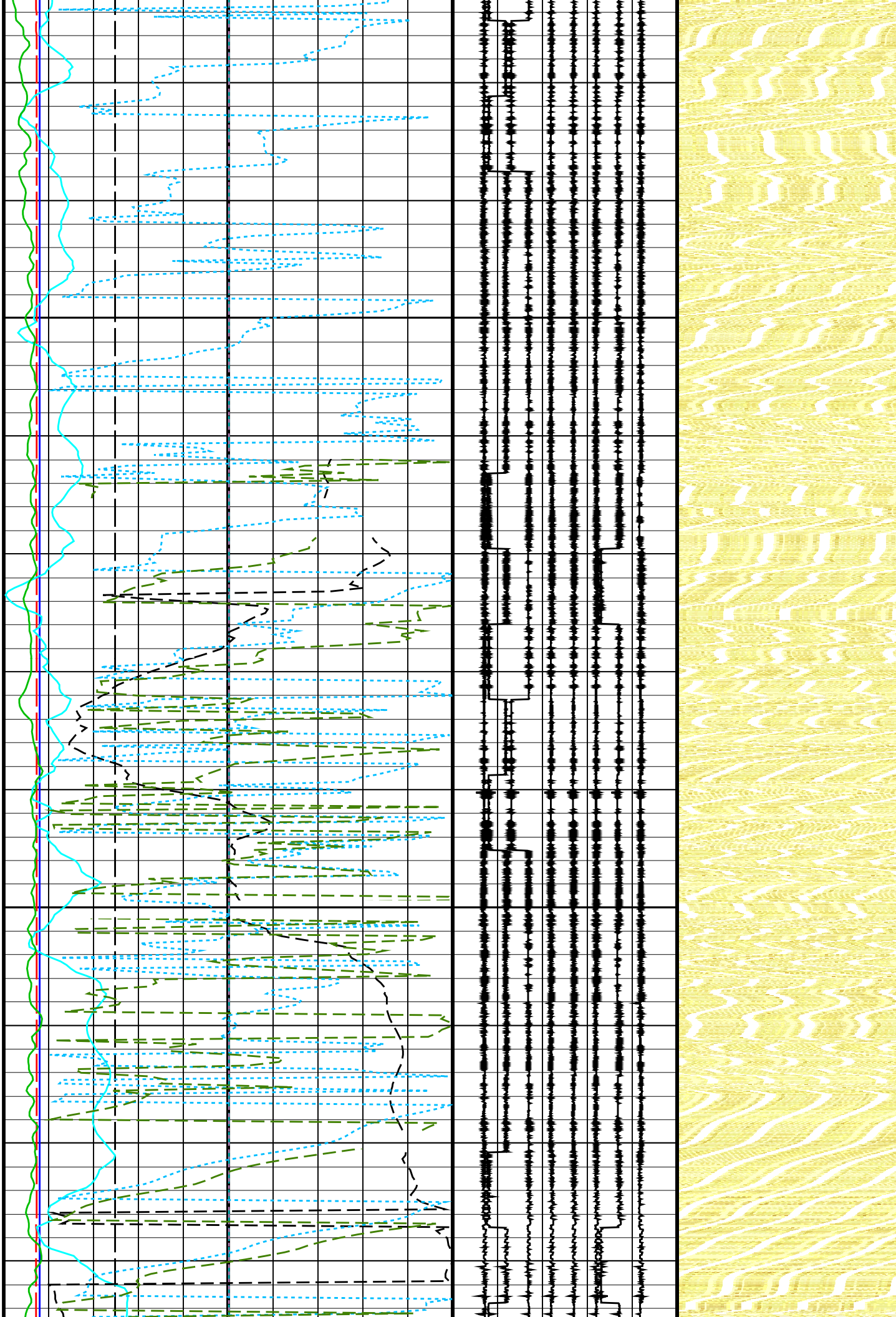
Time Mark Every 60 S

| | | |
|--|--|--|
| <p>Relative Bearing (RB_MEST) (DEG)</p> <p>-40 360</p> | <p>Data Button 8 - Varies with RBS (U-MEST_RB8)</p> <p>-80 (----) 20</p> | |
| <p>Pad One Azimuth (P1AZ_MEST) (DEG)</p> <p>-40 360</p> | <p>Data Button 7 - Varies with RBS (U-MEST_RB7)</p> <p>-70 (----) 30</p> | |
| <p>Hole Azimuth (HAZIM) (DEG)</p> <p>-40 360</p> | <p>Data Button 6 - Varies with RBS (U-MEST_RB6)</p> <p>-60 (----) 40</p> | |
| <p>Gamma Ray (GR_EDTC) (GAPI)</p> <p>0 150</p> | <p>Data Button 5 - Varies with RBS (U-MEST_RB5)</p> <p>-50 (----) 50</p> | |
| <p>Deviation (DEVIM) (DEG)</p> <p>0 10</p> | <p>Data Button 4 - Varies with RBS (U-MEST_RB4)</p> <p>-40 (----) 60</p> | <p>3.3762 3.6416 4.0399 4.4381 4.7036 4.9691 5.2346 5.6328 5.8983 6.2965 6.5620 6.9602 7.4912 8.0222 8.9514 10.4116</p> <p>MEST_PADD (U-MEST_RESISTIVITY_PADD_DS) (----)</p> |
| <p>Caliper 2 (C2) (IN)</p> <p>0 20</p> | <p>Data Button 3 - Varies with RBS (U-MEST_RB3)</p> <p>-30 (----) 70</p> | <p>3.3762 3.6416 4.0399 4.4381 4.7036 4.9691 5.2346 5.6328 5.8983 6.2965 6.5620 6.9602 7.4912 8.0222 8.9514 10.4116</p> <p>MEST_PADC (U-MEST_RESISTIVITY_PADC_DS) (----)</p> |
| <p>Caliper 1 (C1) (IN)</p> <p>0 20</p> <p>EMEX Intensity (EI) (AMPS)</p> <p>0 10</p> | <p>Data Button 2 - Varies with RBS (U-MEST_RB2)</p> <p>-20 (----) 80</p> | <p>3.3762 3.6416 4.0399 4.4381 4.7036 4.9691 5.2346 5.6328 5.8983 6.2965 6.5620 6.9602 7.4912 8.0222 8.9514 10.4116</p> <p>MEST_PADB (U-MEST_RESISTIVITY_PADB_DS) (----)</p> |
| <p>Tension (TENS) (LBF)</p> <p>0 7500</p> <p>Bit Size (BS) (IN)</p> <p>0 20</p> <p>EMEX Voltage (EV) (V)</p> <p>0 50</p> | <p>Data Button 1 - Varies with RBS (U-MEST_RB1)</p> <p>-10 (----) 90</p> | <p>3.3762 3.6416 4.0399 4.4381 4.7036 4.9691 5.2346 5.6328 5.8983 6.2965 6.5620 6.9602 7.4912 8.0222 8.9514 10.4116</p> <p>MEST_PADA (U-MEST_RESISTIVITY_PADA_DS) (----)</p> |



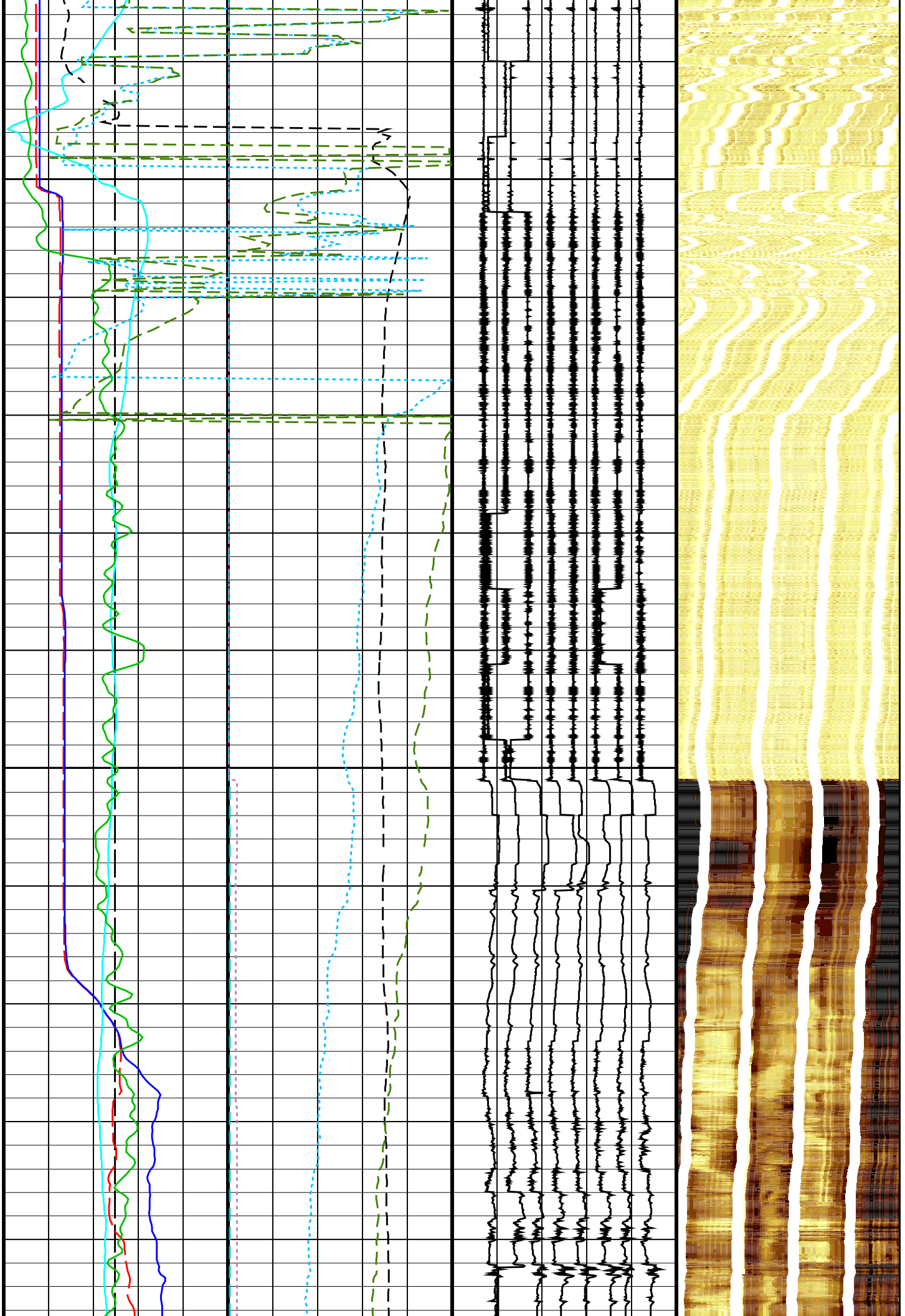
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50



75

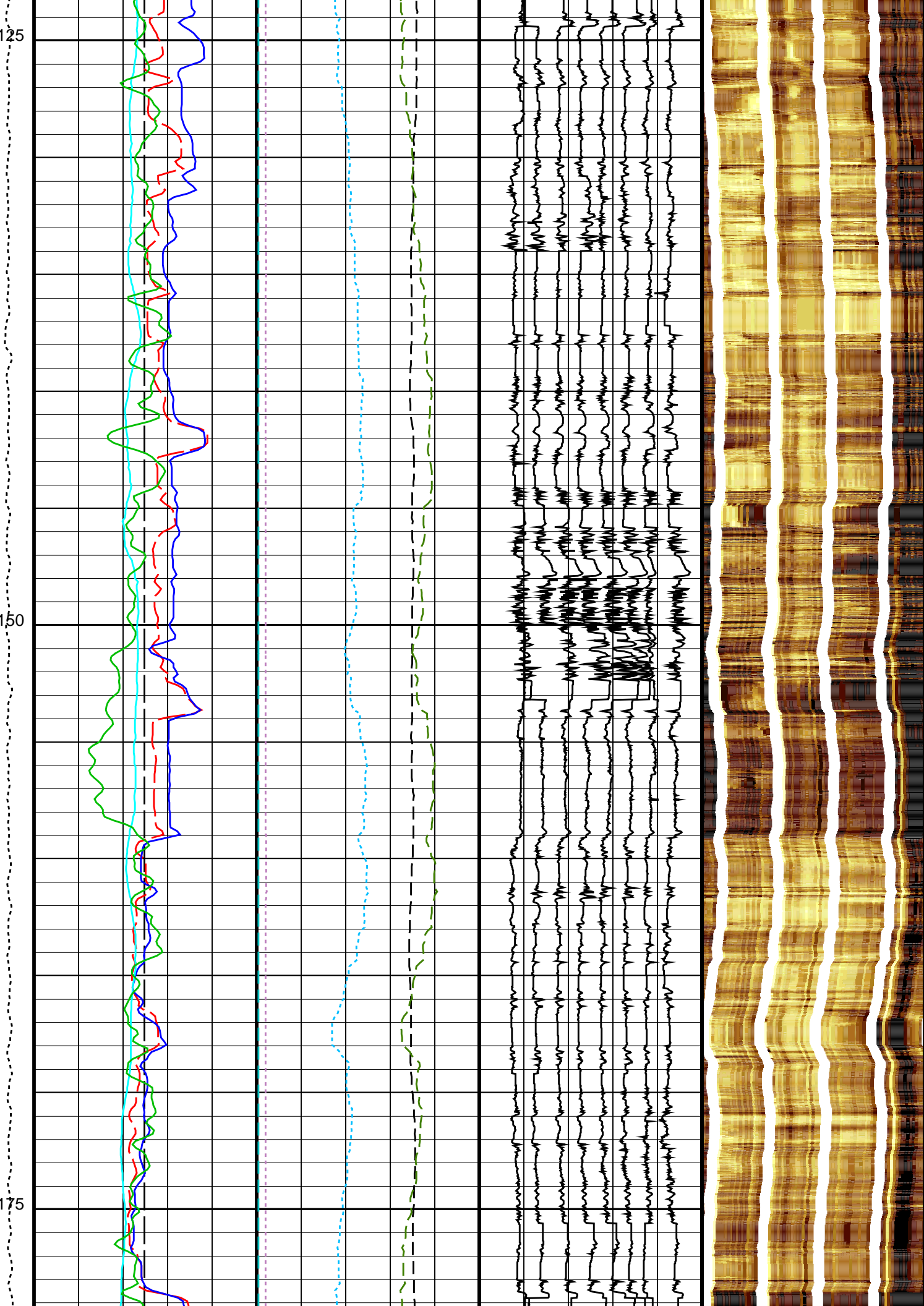
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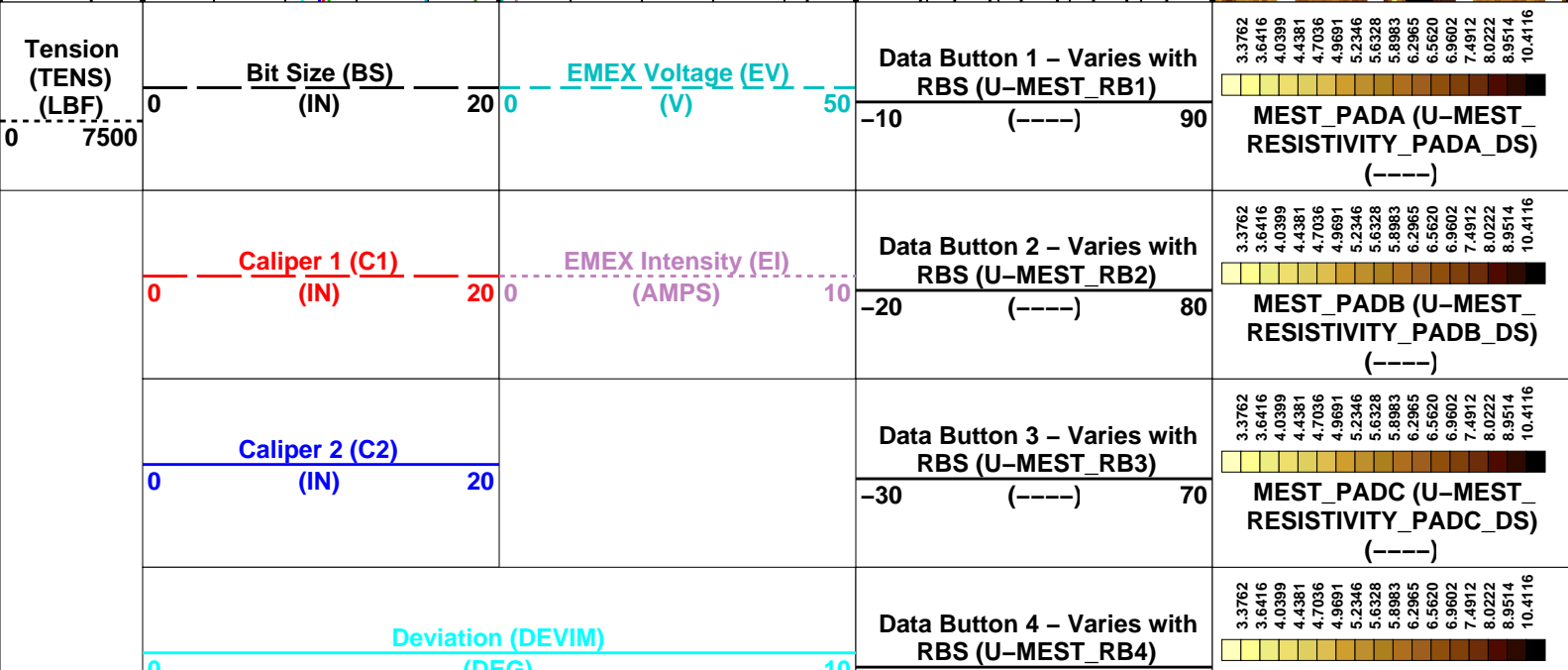
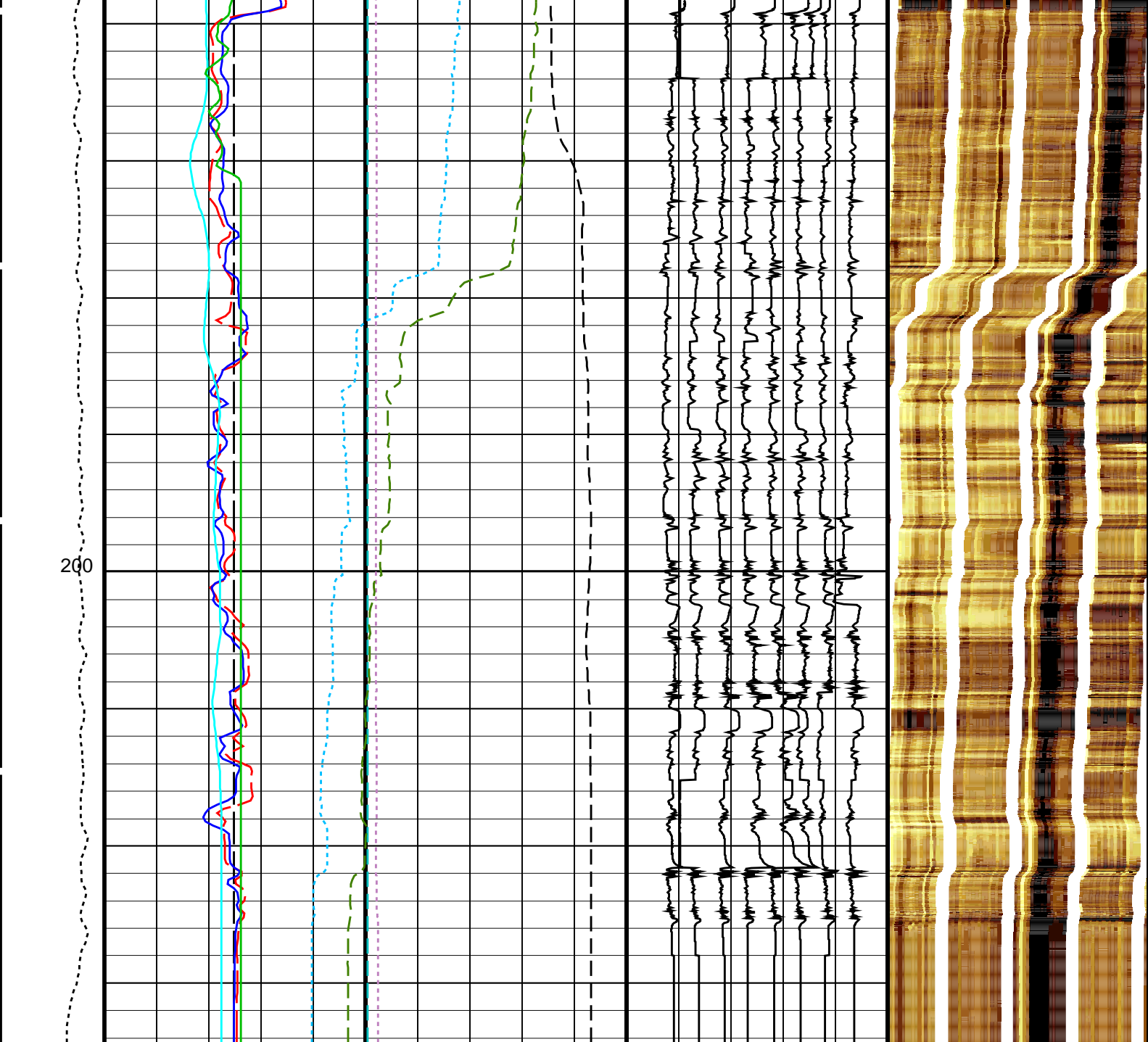


125

150

175





Output DLIS Files

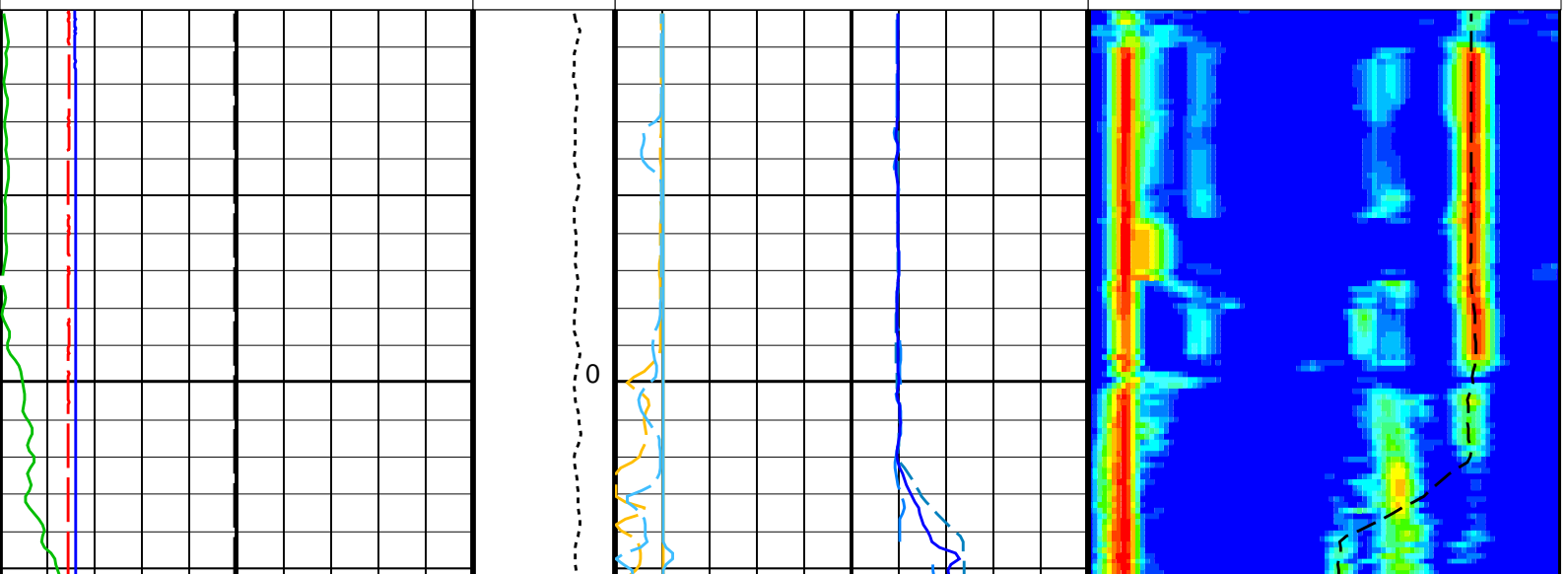
OP System Version: 19C0-187

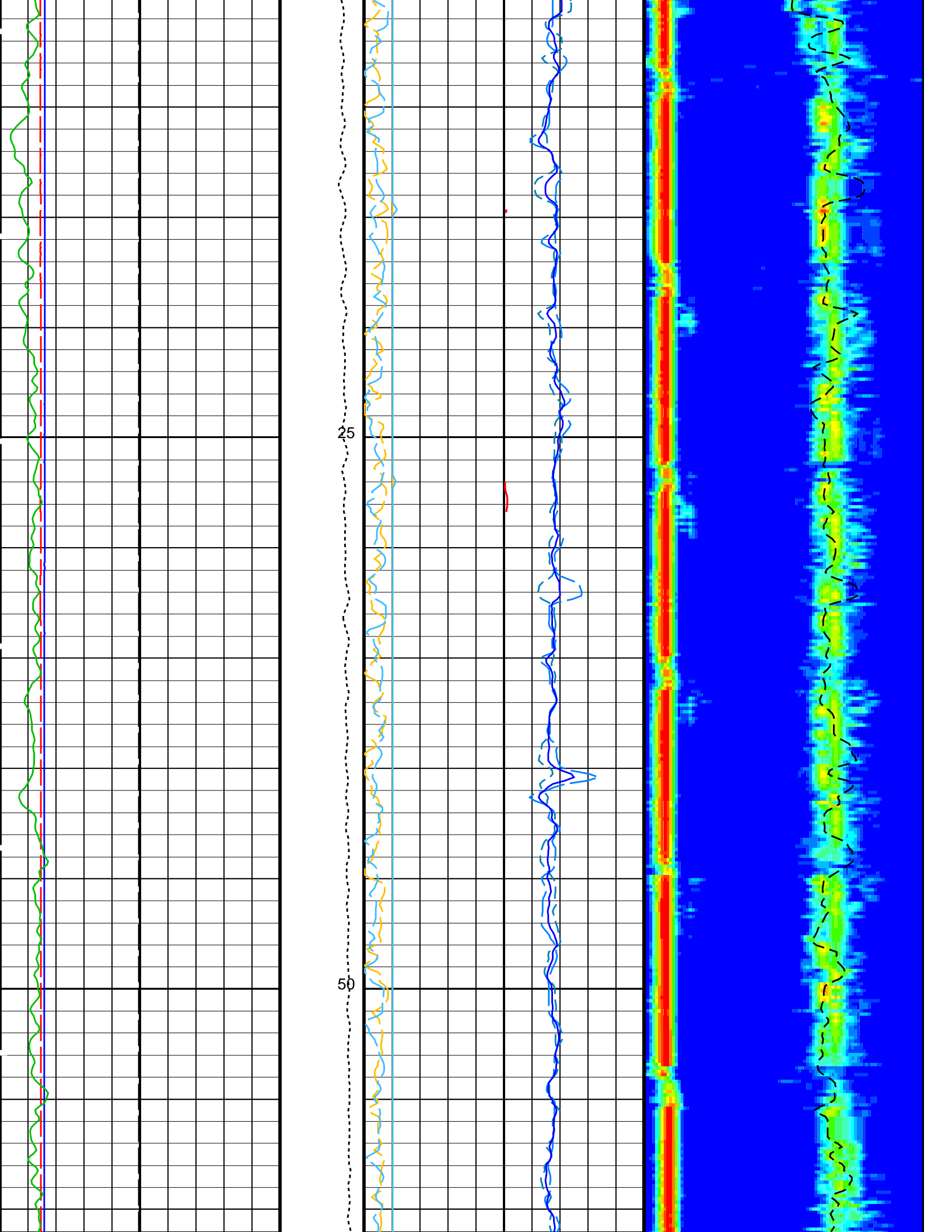
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|---------|----------|--------|----------------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
| DSST-B | 19C0-187 | HNGC-B | 19C0-187 |
| HNGS-BA | 19C0-187 | EDTC-B | SKK-5169-EDTCB |

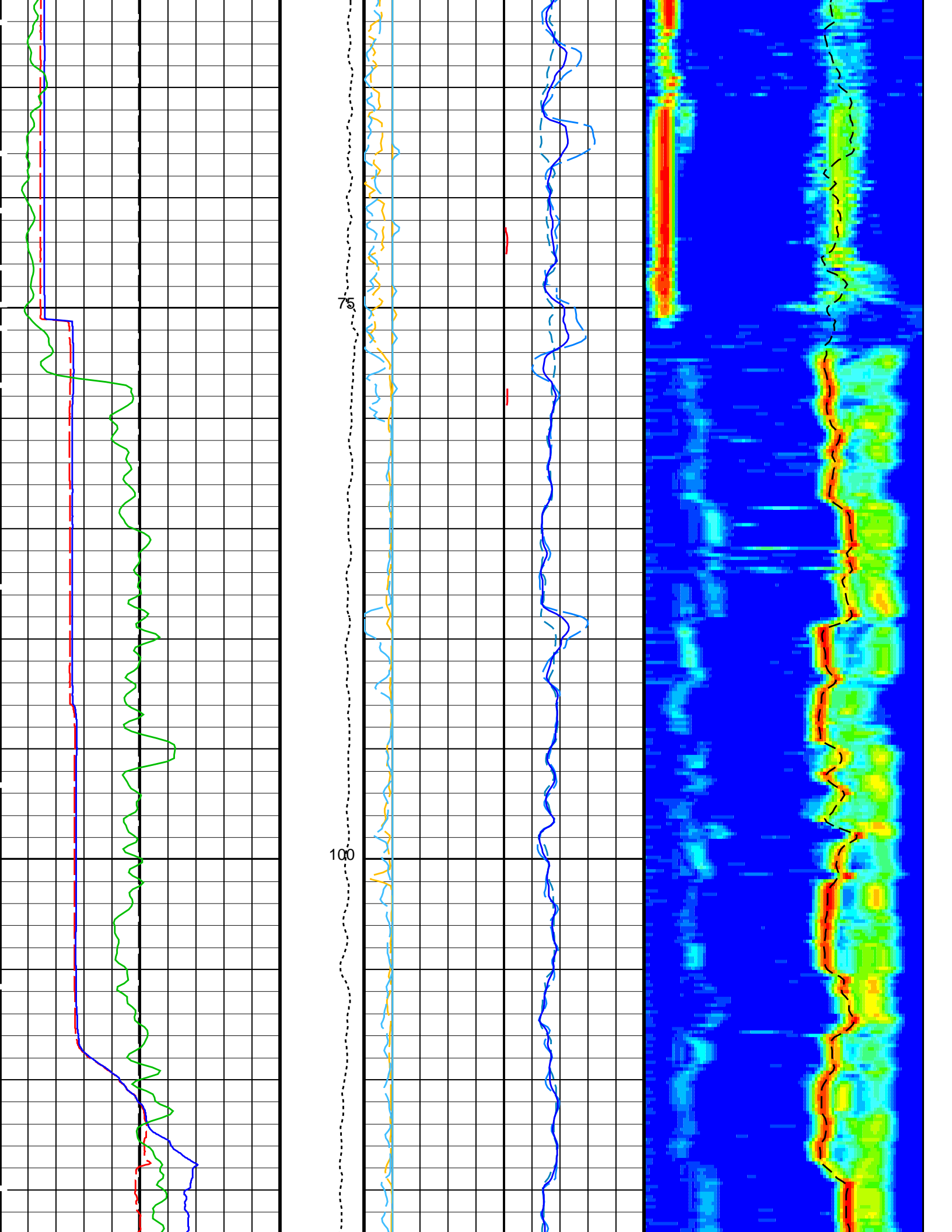
PIP SUMMARY

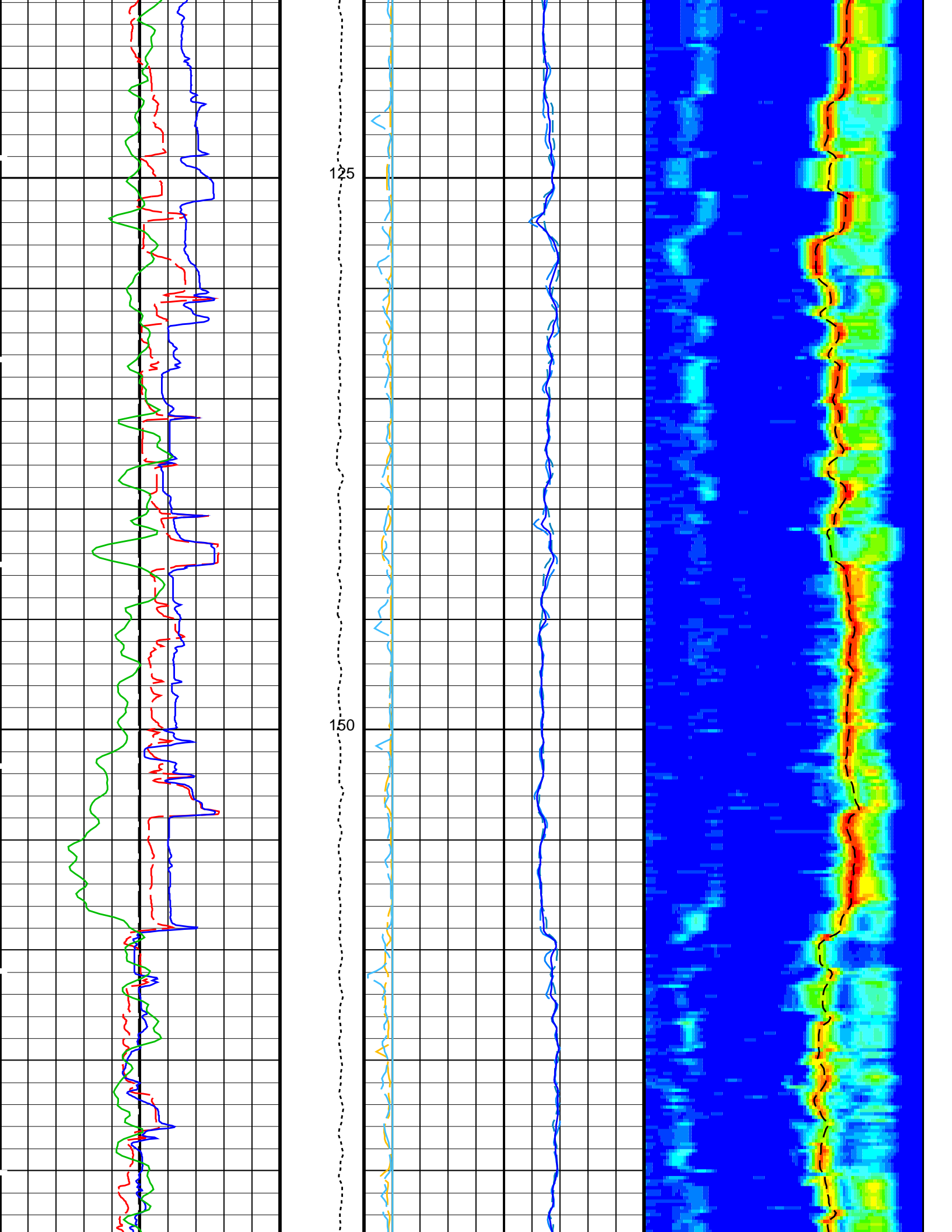
Time Mark Every 60 S

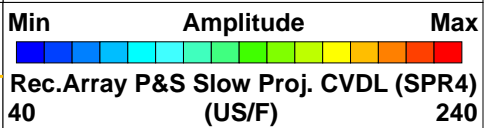
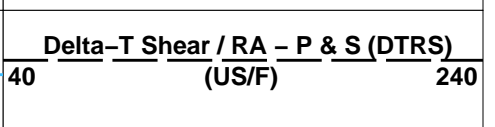
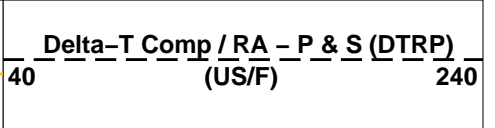
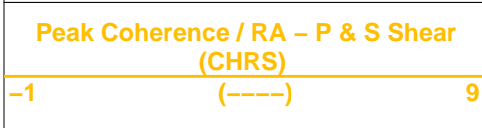
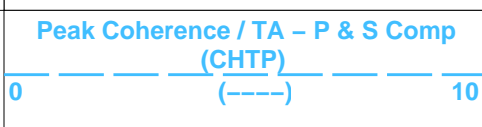
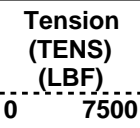
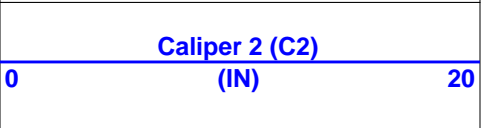
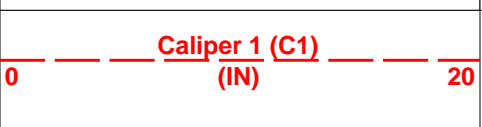
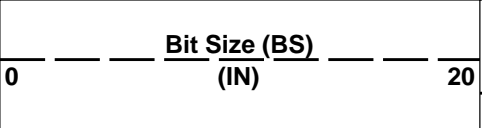
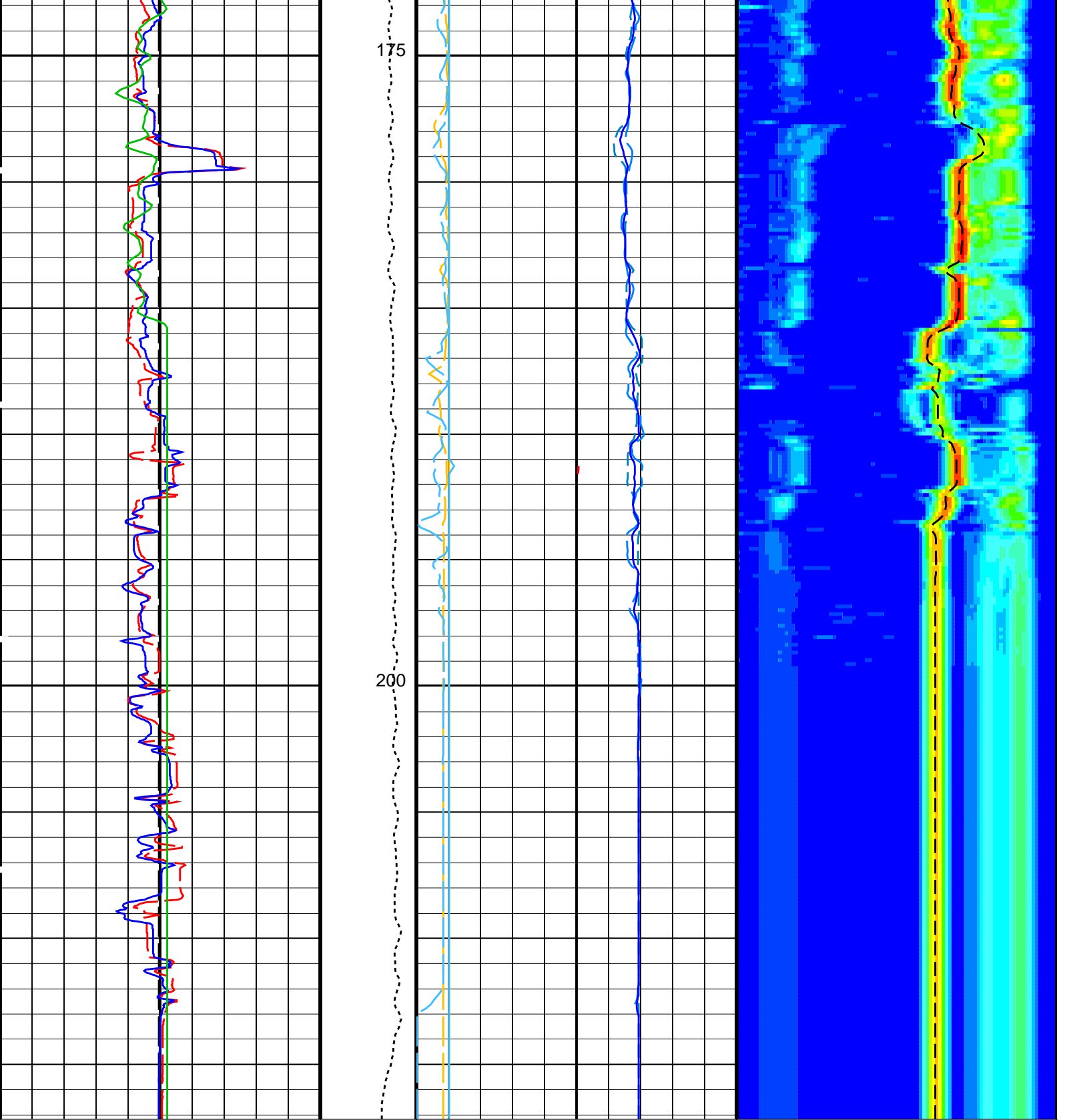
| | | | | | |
|-----------------------------|--------|---|--------|--|--|
| | | Delta-T Shear - P & S (DT4S) | | | |
| | | 440 | (US/F) | 40 | |
| | | Delta-T Shear / TA - P & S (DTTS) | | | |
| | | 440 | (US/F) | 40 | |
| | | Delta-T Shear / RA - P & S (DTRS) | | | |
| | | 440 | (US/F) | 40 | |
| | | Delta-T Comp - P & S (DT4P) | | | |
| | | 440 | (US/F) | 40 | |
| | | Delta-T Comp / TA - P & S (DTTP) | | | |
| | | 440 | (US/F) | 40 | |
| | | Delta-T Comp / RA - P & S (DTRP) | | | |
| | | 440 | (US/F) | 40 | |
| Gamma Ray (GR_EDTC) | | Peak Coherence / TA - P & S Shear (CHTS) | | | |
| 0 | (GAPI) | -1 | | 9 | |
| Caliper 2 (C2) | | Peak Coherence / RA - P & S Shear (CHRS) | | Min Amplitude Max | |
| 0 | (IN) | -1 | | 40 240 | |
| Caliper 1 (C1) | | Peak Coherence / TA - P & S Comp (CHTP) | | Delta-T Shear / RA - P & S (DTRS) | |
| 0 | (IN) | 0 | | (US/F) 40 240 | |
| Bit Size (BS) | | Peak Coherence / RA - P & S Comp (CHRP) | | Delta-T Comp / RA - P & S (DTRP) | |
| 0 | (IN) | 0 | | (US/F) 40 240 | |
| Tension (TENS) (LBF) | | 0 | | 7500 | |











| | | |
|--|--------|----|
| -1 | (----) | 9 |
| <u>Delta-T Comp / RA - P & S (DTRP)</u> | | |
| 440 | (US/F) | 40 |
| <u>Delta-T Comp / TA - P & S (DTTP)</u> | | |
| 440 | (US/F) | 40 |
| <u>Delta-T Comp - P & S (DT4P)</u> | | |
| 440 | (US/F) | 40 |
| <u>Delta-T Shear / RA - P & S (DTRS)</u> | | |
| 440 | (US/F) | 40 |
| <u>Delta-T Shear / TA - P & S (DTTS)</u> | | |
| 440 | (US/F) | 40 |
| <u>Delta-T Shear - P & S (DT4S)</u> | | |
| 440 | (US/F) | 40 |

PIP SUMMARY

Time Mark Every 60 S

Parameters

| DLIS Name | Description | Value |
|---------------------------------|--|------------|
| DSST-B: Dipole Shear Imager - B | | |
| BHS | Borehole Status | OPEN |
| CASF | Label Casing Function - Monopole P&S | 50 |
| COLL | Label Slowness Lower Limit - Monopole P&S Compressional | 100 US/F |
| COUL | Label Slowness Upper Limit - Monopole P&S Compressional | 209 US/F |
| DDE4 | Digitizing Delay 4 | 0 US |
| DDEX | Digitizing Delay X | 0 US |
| DSI4 | Digitizer Sample Interval 4 | 10 US |
| DSIX | Digitizer Sample Interval X | 40 US |
| DTF | Delta-T Fluid | 210 US/F |
| DWC4 | Digitizer Word Count 4 | 512 |
| DWCX | Digitizer Word Count X | 512 |
| FILG | Label Fill Gap Control - Monopole P&S | COMP |
| LFC | Label Formation Character - Monopole P&S | COMP_FIRST |
| MCS | Mean Casing Slowness | 57 US/F |
| MTXG | Monopole Transmitter Geometry | 186 IN |
| NWI4 | Number Waveform Items 4 | 8 |
| NWIX | Number Waveform Items X | 0 |
| RSMN | Label Shear/Compressional Minimum Ratio - Monopole P&S | 1.4 |
| RSMX | Label Shear/Compressional Maximum Ratio - Monopole P&S | 2.12 |
| RX1G | Receiver 1 Geometry | 300 IN |
| RX2G | Receiver 2 Geometry | 300 IN |
| RX3G | Receiver 3 Geometry | 306 IN |
| RX4G | Receiver 4 Geometry | 312 IN |
| RX5G | Receiver 5 Geometry | 318 IN |
| RX6G | Receiver 6 Geometry | 324 IN |
| RX7G | Receiver 7 Geometry | 330 IN |
| RX8G | Receiver 8 Geometry | 336 IN |
| SAM4 | DSST Sonic Acquisition Mode 4 - Monopole Mode for P&S | EVEN |
| SAMX | DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert | OFF |
| SAS4 | STC Sonic Array Status - Monopole P&S | 255 |
| SBO4 | STC Search Band Offset - Monopole P&S | 500 US |
| SBR4 | STC Baseline Removal - Monopole P&S | ON |
| SBW4 | STC Search Bandwidth - Monopole P&S | 2000 US |
| SFC4 | STC Formation Character - Monopole P&S | SELECTABLE |
| SFM4 | STC Filter - Monopole P&S | B3-20K |
| SHLL | Label Slowness Lower Limit - Monopole P&S Shear | 235 US/F |
| SHUL | Label Slowness Upper Limit - Monopole P&S Shear | 240 US/F |
| SLL4 | STC Slowness Lower Limit - Monopole P&S | 40 US/F |
| SST4 | STC Slowness Step - Monopole P&S | 2 US/F |
| SSW4 | STC Source Waveform - Monopole P&S | WF_SAM4 |
| STLL | Label Slowness Lower Limit - Monopole Stoneley | 300 US/F |
| STUL | Label Slowness Upper Limit - Monopole Stoneley | 1200 US/F |
| SUL4 | STC Slowness Upper Limit - Monopole P&S | 240 US/F |
| SWD4 | STC Slowness Width - Monopole P&S | 10 US/F |
| TBF4 | STC Time for Baseline Fill - Monopole P&S | 300 US |
| TLL4 | STC Time Lower Limit - Monopole P&S | 150 US |
| TST4 | STC Time Step - Monopole P&S | 50 US |
| TUL4 | STC Time Upper Limit - Monopole P&S | 3660 US |
| TWD4 | STC Time Width - Monopole P&S | 1000 US |
| TWX | STC Duration Time Width - Monopole P&S | 500 US |

| | | | |
|---------|--|-----------|----|
| TWI4 | SIC Integration Time Window - Monopole P&S | 500 | US |
| TWSX | Transmitter Waveform Select X | 0 | |
| HNGS-BA | Hostile Natural Gamma Ray Sonde | | |
| BHS | Borehole Status | OPEN | |
| EDTC-B | Enhanced DTS Cartridge | | |
| BHS | Borehole Status | OPEN | |
| | System and Miscellaneous | | |
| BS | Bit Size | 9.875 | IN |
| DO | Depth Offset for Playback | -3688.0 | M |
| PP | Playback Processing | RECOMPUTE | |

Format: DSST_P_S_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 19-Mar-2015 14:32

OP System Version: 19C0-187

| | | | |
|---------|----------|--------|----------------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
| DSST-B | 19C0-187 | HNGC-B | 19C0-187 |
| HNGS-BA | 19C0-187 | EDTC-B | SKK-5169-EDTCB |

Input DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|----------|----------|
| DEFAULT | FMS_DSI_NGS_026LUP | FN:18 | PRODUCER | 17-Mar-2015 16:01 | 3904.5 M | 3668.7 M |
|---------|--------------------|-------|----------|-------------------|----------|----------|

Output DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|--|--|
| DEFAULT | FMS_DSI_NGS_041PUP | FN:32 | PRODUCER | 19-Mar-2015 14:32 | | |
|---------|--------------------|-------|----------|-------------------|--|--|



Upper Dipole Main

MAXIS Field Log

Input DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|----------|----------|
| DEFAULT | FMS_DSI_NGS_026LUP | FN:18 | PRODUCER | 17-Mar-2015 16:01 | 3904.5 M | 3668.7 M |
|---------|--------------------|-------|----------|-------------------|----------|----------|

Output DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|---------|---------|
| DEFAULT | FMS_DSI_NGS_041PUP | FN:32 | PRODUCER | 19-Mar-2015 14:32 | 217.2 M | -10.1 M |
|---------|--------------------|-------|----------|-------------------|---------|---------|

OP System Version: 19C0-187

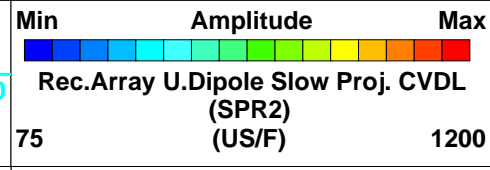
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|---------|----------|--------|----------------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
| DSST-B | 19C0-187 | HNGC-B | 19C0-187 |
| HNGS-BA | 19C0-187 | EDTC-B | SKK-5169-EDTCB |

PIP SUMMARY

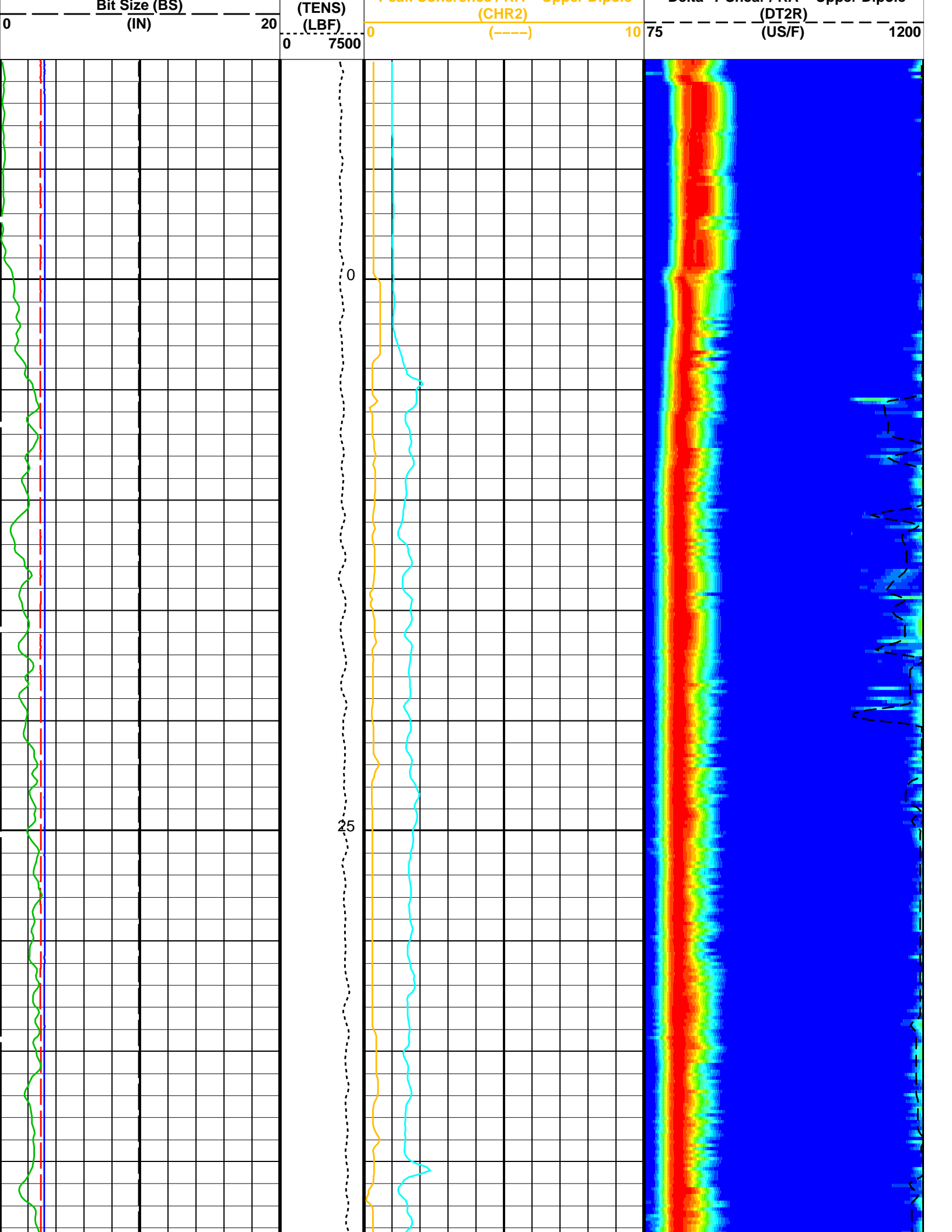
Time Mark Every 60 S

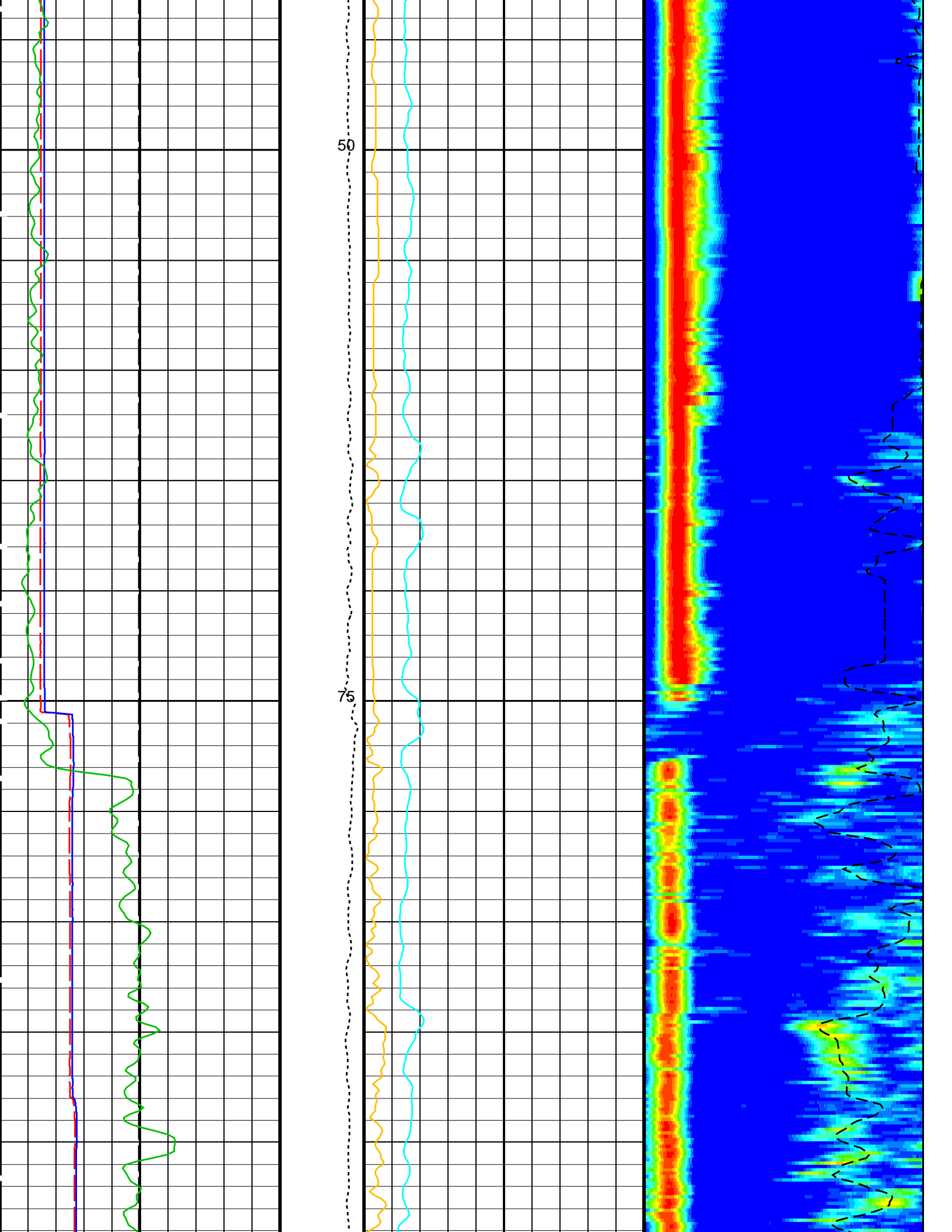
| | | |
|---------------------|---|-----|
| Gamma Ray (GR_EDTC) | 0 | 150 |
| (GAPI) | | |
| Caliper 2 (C2) | 0 | 20 |
| (IN) | | |

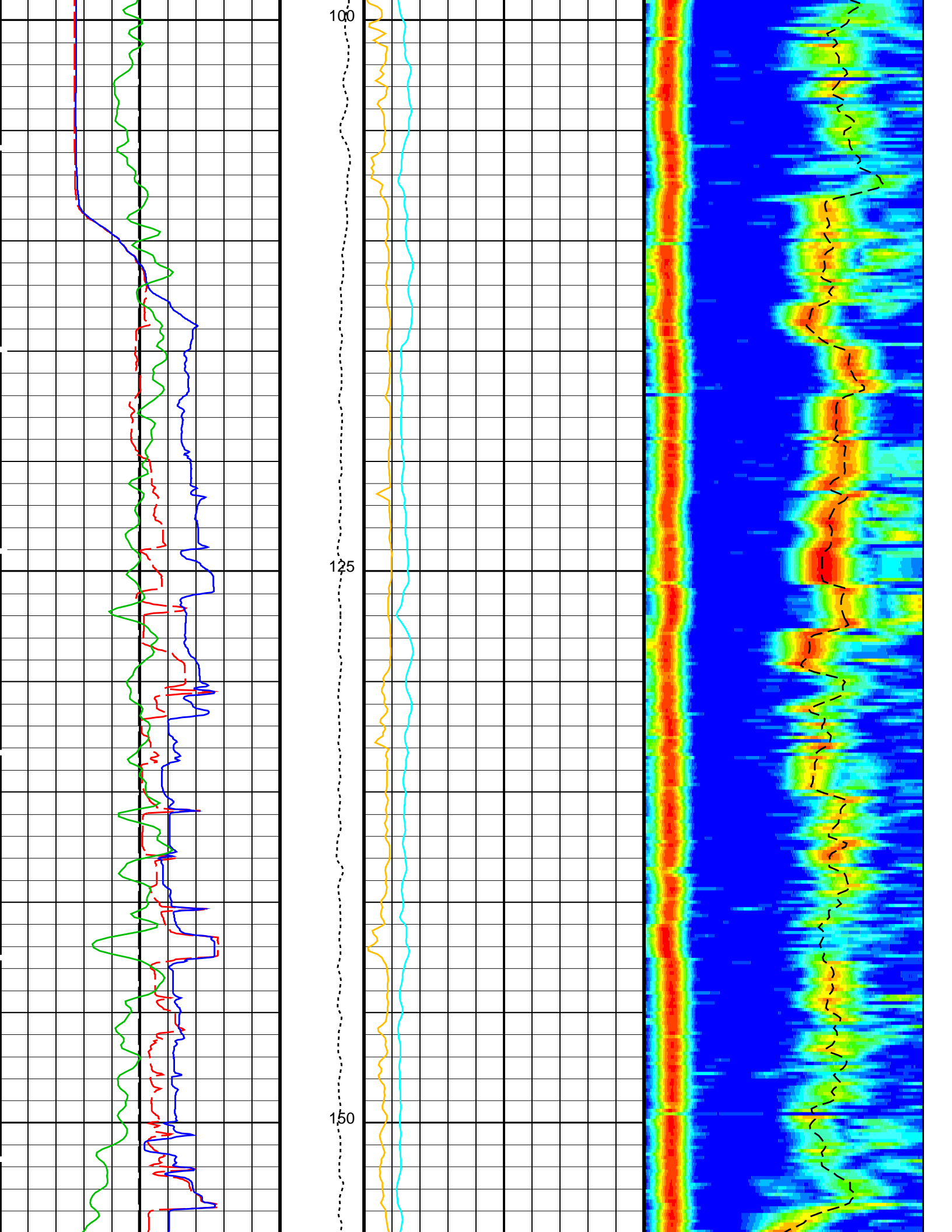
| | | |
|-----------------------|------|------|
| Caliper 1 (C1) | 0 | 20 |
| (IN) | | |
| Sonic Velocity (SVEL) | 1000 | 6000 |
| (M/S) | | |

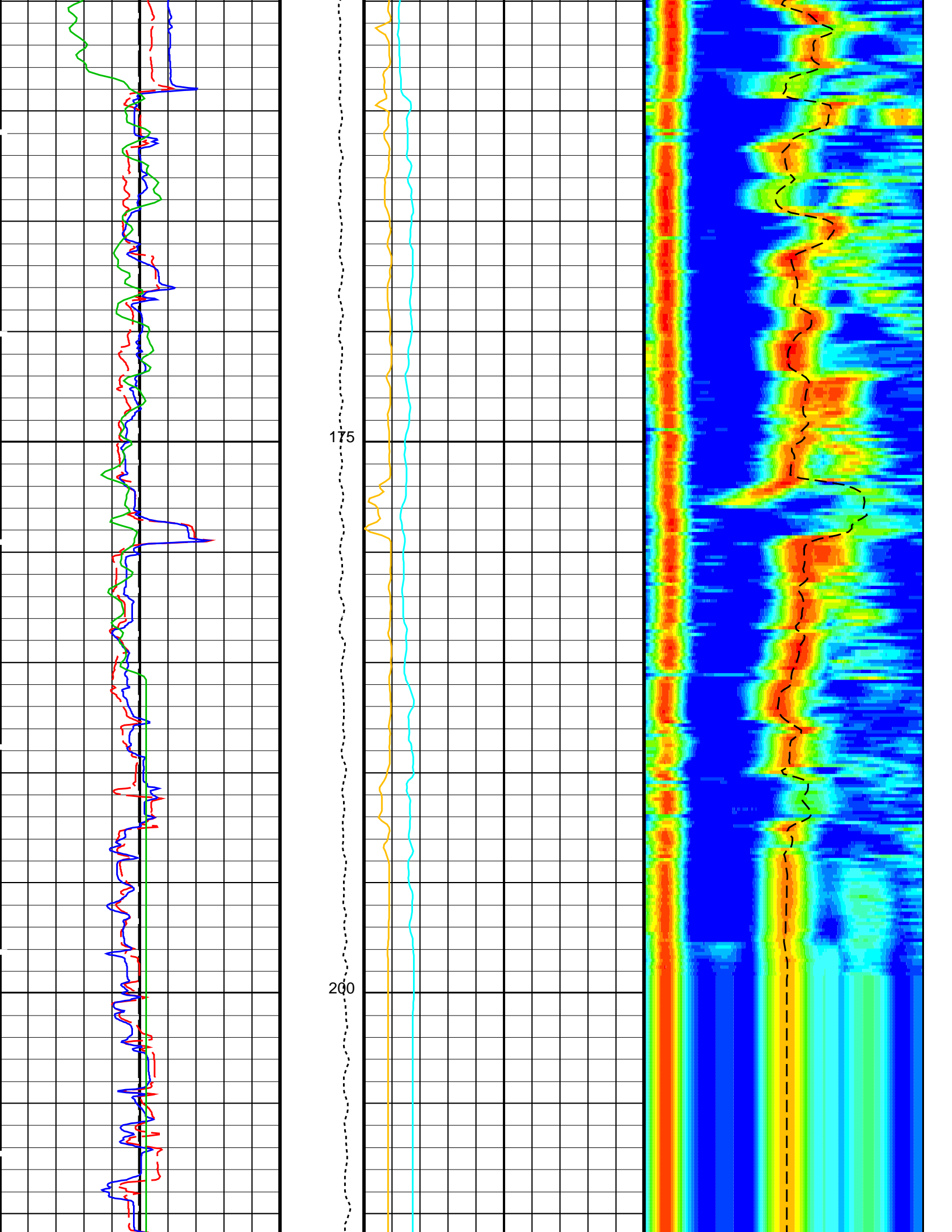


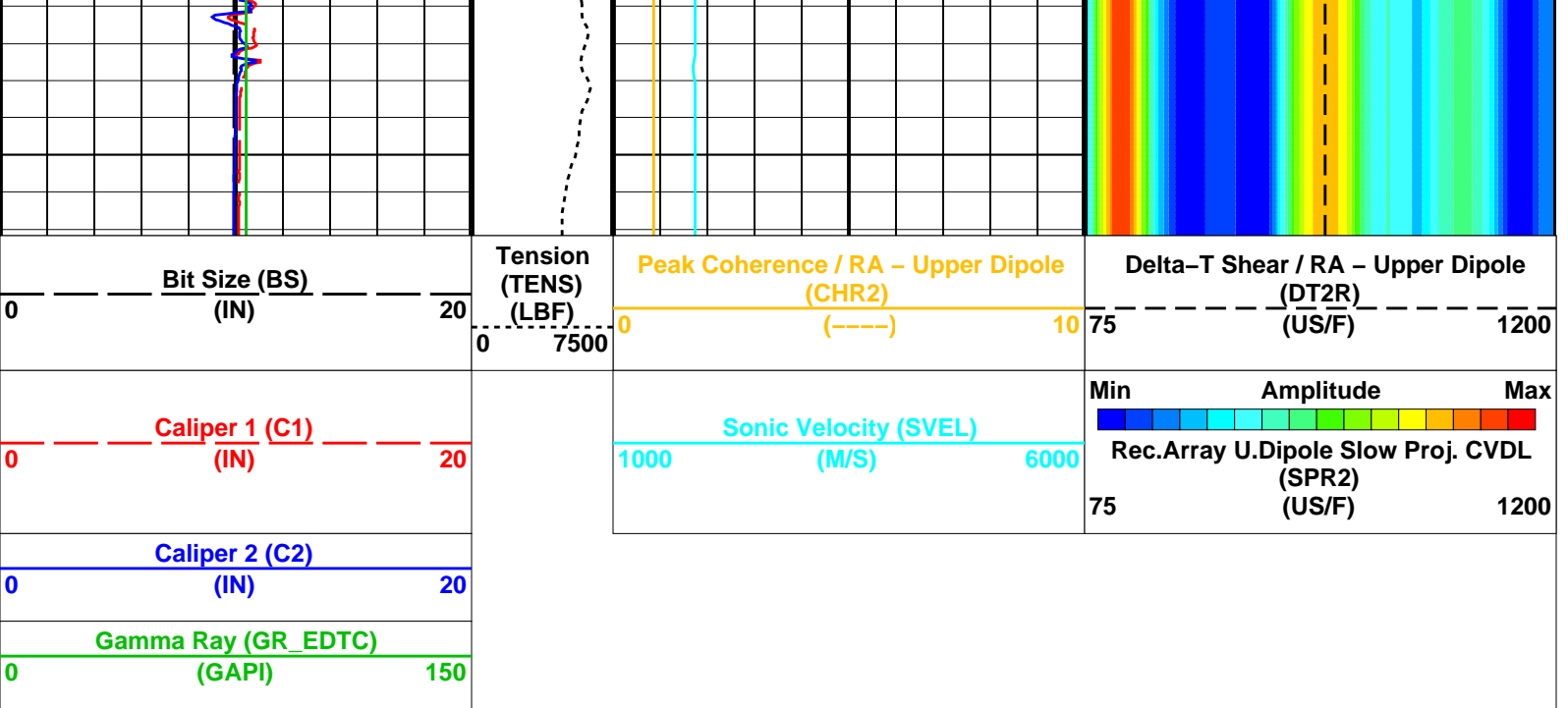
Tension Peak Coherence / RA - Upper Dipole Delta-T Shear / RA - Upper Dipole











PIP SUMMARY

Time Mark Every 60 S

Parameters

| DLIS Name | Description | Value |
|---------------------------------|--|------------|
| DSST-B: Dipole Shear Imager - B | | |
| DDE2 | Digitizing Delay 2 | 0 US |
| DDEX | Digitizing Delay X | 0 US |
| DLCS | Label Compressional Source - Dipole Shear | USE |
| DSHL | Label Slowness Lower Limit - Dipole Shear | 220 US/F |
| DSHU | Label Slowness Upper Limit - Dipole Shear | 1200 US/F |
| DSI2 | Digitizer Sample Interval 2 | 40 US |
| DSIX | Digitizer Sample Interval X | 40 US |
| DTCS | Compressional Delta-T Source for DTCO Channel | PS_COMP |
| DWC2 | Digitizer Word Count 2 | 512 |
| DWCX | Digitizer Word Count X | 512 |
| NWI2 | Number Waveform Items 2 | 8 |
| NWIX | Number Waveform Items X | 0 |
| RX1G | Receiver 1 Geometry | 294 IN |
| RX2G | Receiver 2 Geometry | 300 IN |
| RX3G | Receiver 3 Geometry | 306 IN |
| RX4G | Receiver 4 Geometry | 312 IN |
| RX5G | Receiver 5 Geometry | 318 IN |
| RX6G | Receiver 6 Geometry | 324 IN |
| RX7G | Receiver 7 Geometry | 330 IN |
| RX8G | Receiver 8 Geometry | 336 IN |
| SAM2 | DSST Sonic Acquisition Mode 2 - Upper Dipole Mode | ODD |
| SAMX | DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert | OFF |
| SAS2 | STC Sonic Array Status - Upper Dipole | 255 |
| SBO2 | STC Search Band Offset - Upper Dipole | 3000 US |
| SBW2 | STC Search Bandwidth - Upper Dipole | 8000 US |
| SFC2 | STC Formation Character - Upper Dipole | SELECTABLE |
| SFM2 | STC Filter - Upper Dipole | B1-2K |
| SLL2 | STC Slowness Lower Limit - Upper Dipole | 75 US/F |
| SST2 | STC Slowness Step - Upper Dipole | 4 US/F |
| SSW2 | STC Source Waveform - Upper Dipole | WF_SAM2 |
| SUL2 | STC Slowness Upper Limit - Upper Dipole | 1200 US/F |
| SWD2 | STC Slowness Width - Upper Dipole | 40 US/F |
| TBF2 | STC Time for Baseline Fill - Upper Dipole | 0 US |
| TLL2 | STC Time Lower Limit - Upper Dipole | 600 US |
| TST2 | STC Time Step - Upper Dipole | 200 US |
| TUL2 | STC Time Upper Limit - Upper Dipole | 20200 US |
| TWD2 | STC Time Width - Upper Dipole | 2000 US |
| TWI2 | STC Integration Time Window - Upper Dipole | 1600 US |
| TWSX | Transmitter Waveform Select X | 0 |
| UTXG | Upper Dipole Transmitter Geometry | 162 IN |
| System and Miscellaneous | | |
| BS | Bit Size | 9.875 IN |
| DO | Depth Offset for Playback | -3688.0 M |
| PP | Playback Processing | RECOMPUTE |

OP System Version: 19C0-187

| | | | |
|---------|----------|--------|----------------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
| DSST-B | 19C0-187 | HNGC-B | 19C0-187 |
| HNGS-BA | 19C0-187 | EDTC-B | SKK-5169-EDTCB |

Input DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|----------|----------|
| DEFAULT | FMS_DSI_NGS_026LUP | FN:18 | PRODUCER | 17-Mar-2015 16:01 | 3904.5 M | 3668.7 M |
|---------|--------------------|-------|----------|-------------------|----------|----------|

Output DLIS Files

| | | | | |
|---------|--------------------|-------|----------|-------------------|
| DEFAULT | FMS_DSI_NGS_041PUP | FN:32 | PRODUCER | 19-Mar-2015 14:32 |
|---------|--------------------|-------|----------|-------------------|



Lower Dipole Main

MAXIS Field Log

Input DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|----------|----------|
| DEFAULT | FMS_DSI_NGS_026LUP | FN:18 | PRODUCER | 17-Mar-2015 16:01 | 3904.5 M | 3668.7 M |
|---------|--------------------|-------|----------|-------------------|----------|----------|

Output DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|---------|---------|
| DEFAULT | FMS_DSI_NGS_041PUP | FN:32 | PRODUCER | 19-Mar-2015 14:32 | 217.2 M | -10.1 M |
|---------|--------------------|-------|----------|-------------------|---------|---------|

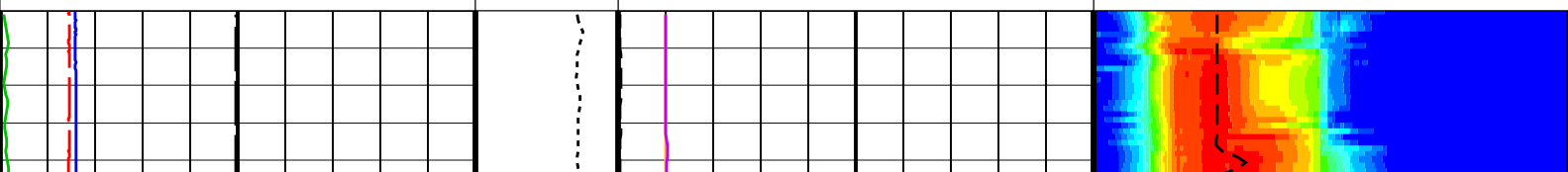
OP System Version: 19C0-187

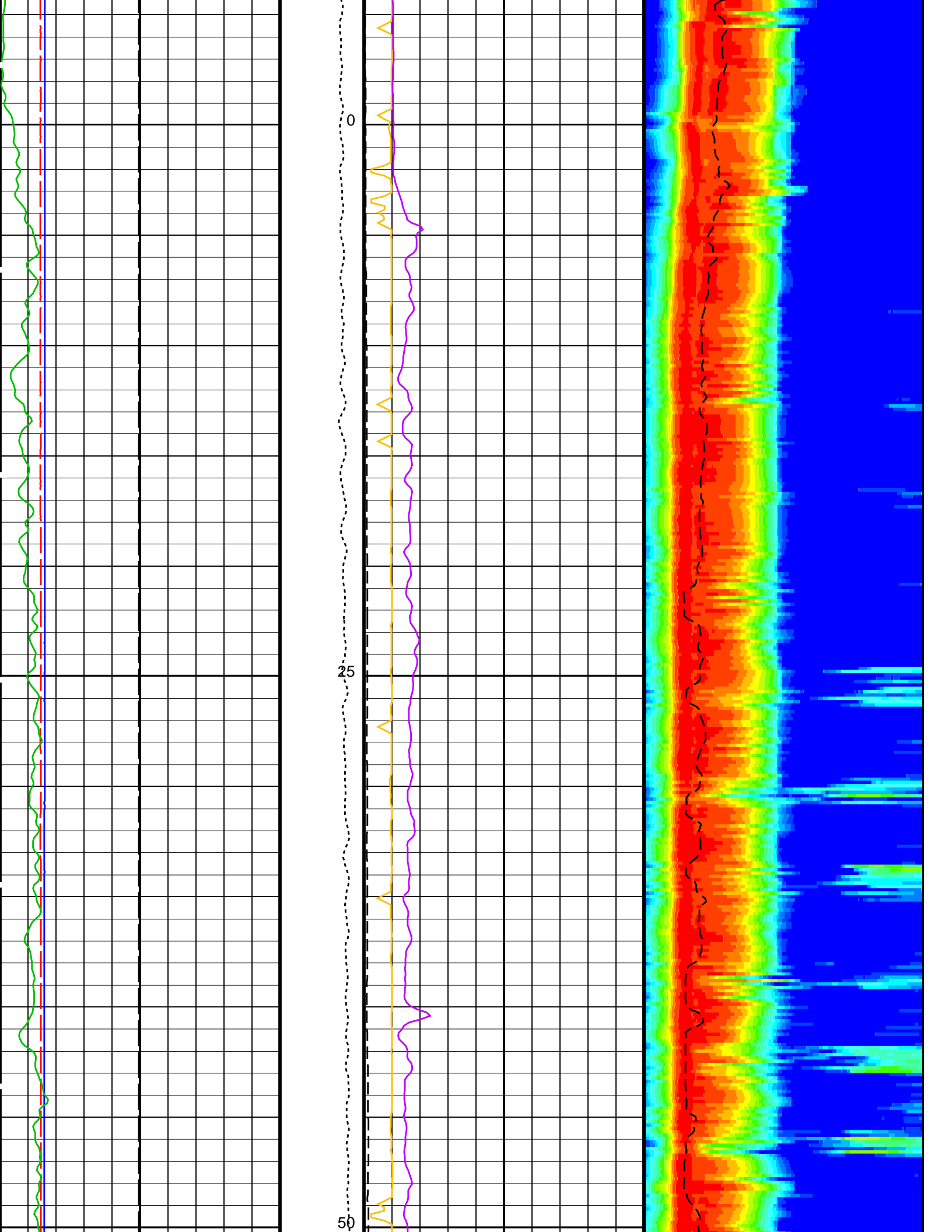
| | | | |
|---------|----------|--------|----------------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
| DSST-B | 19C0-187 | HNGC-B | 19C0-187 |
| HNGS-BA | 19C0-187 | EDTC-B | SKK-5169-EDTCB |

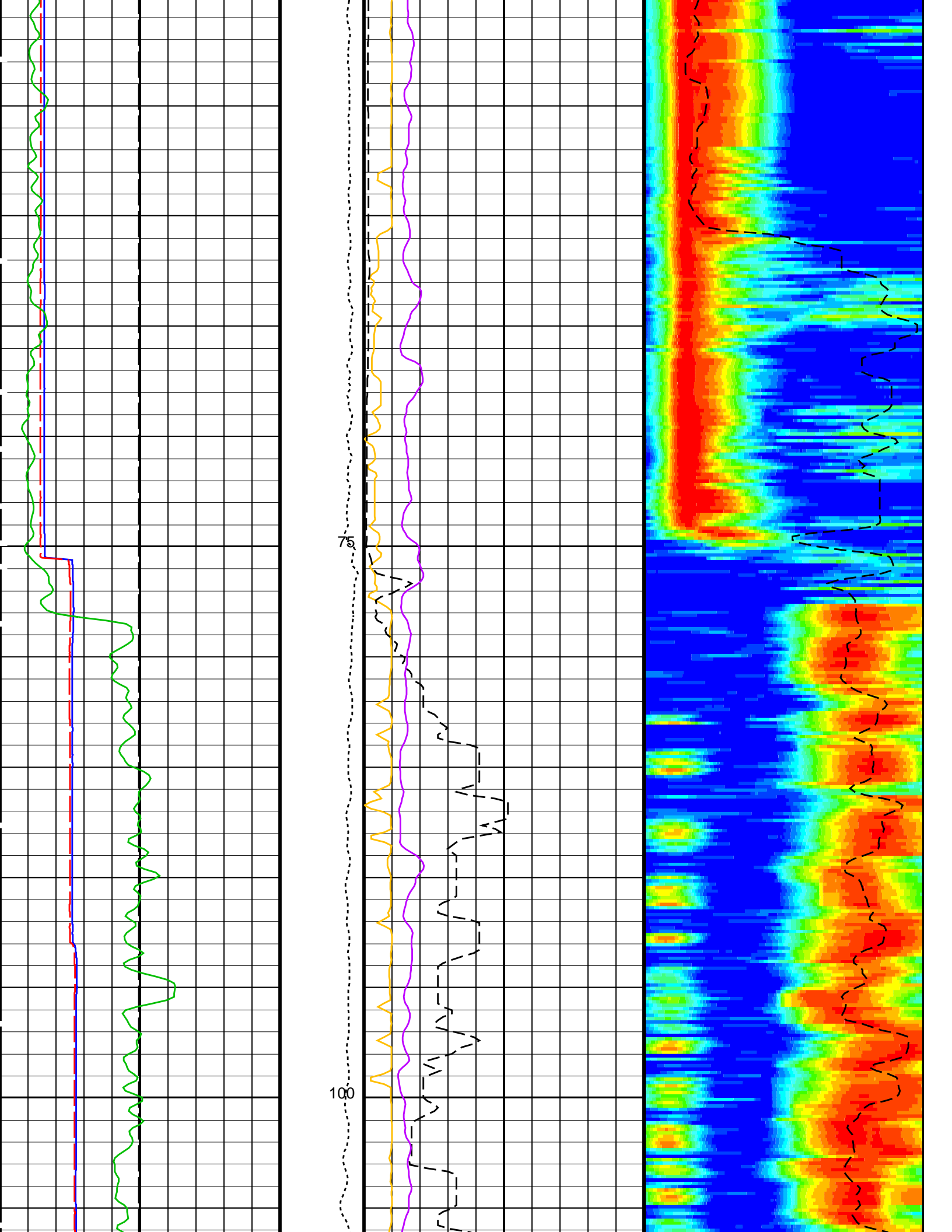
PIP SUMMARY

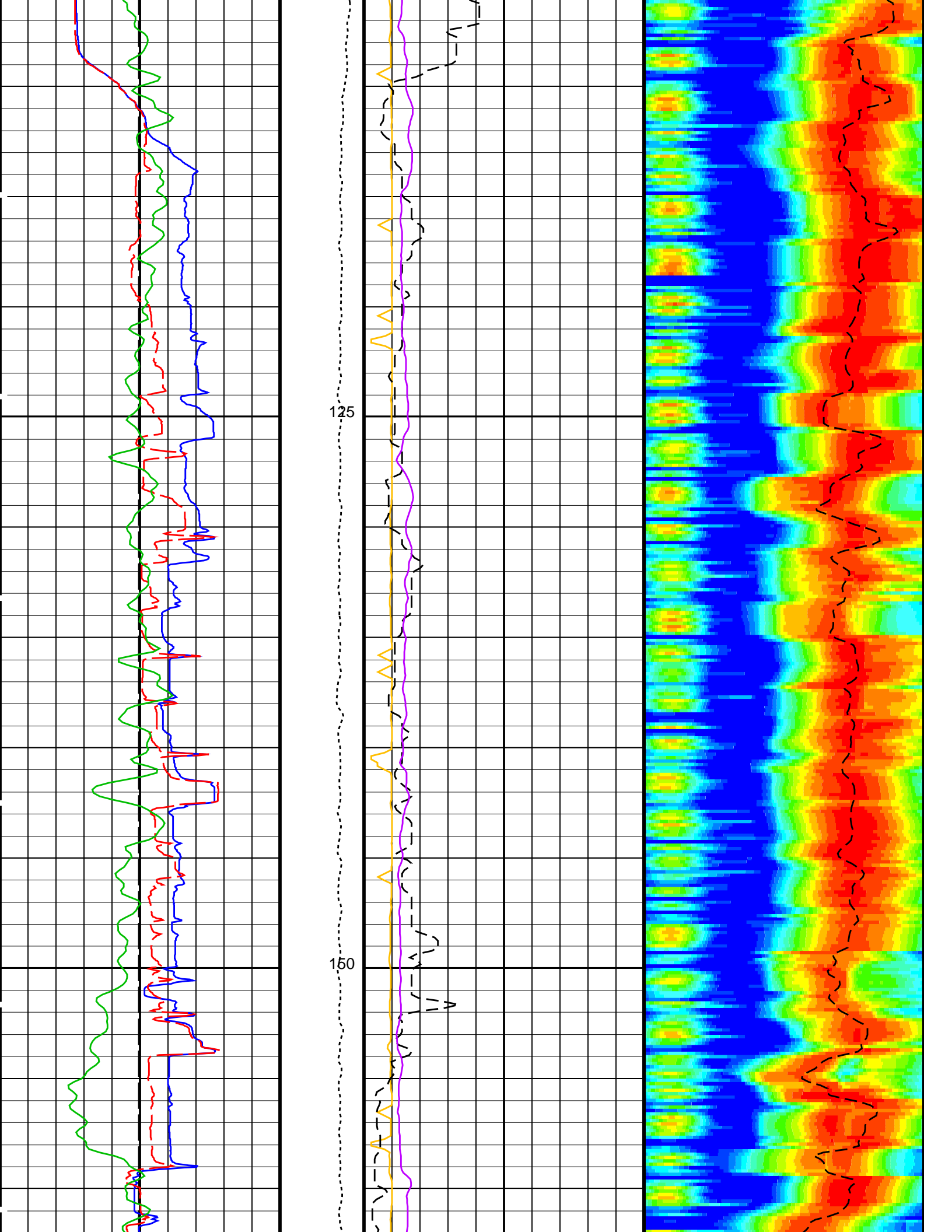
Time Mark Every 60 S

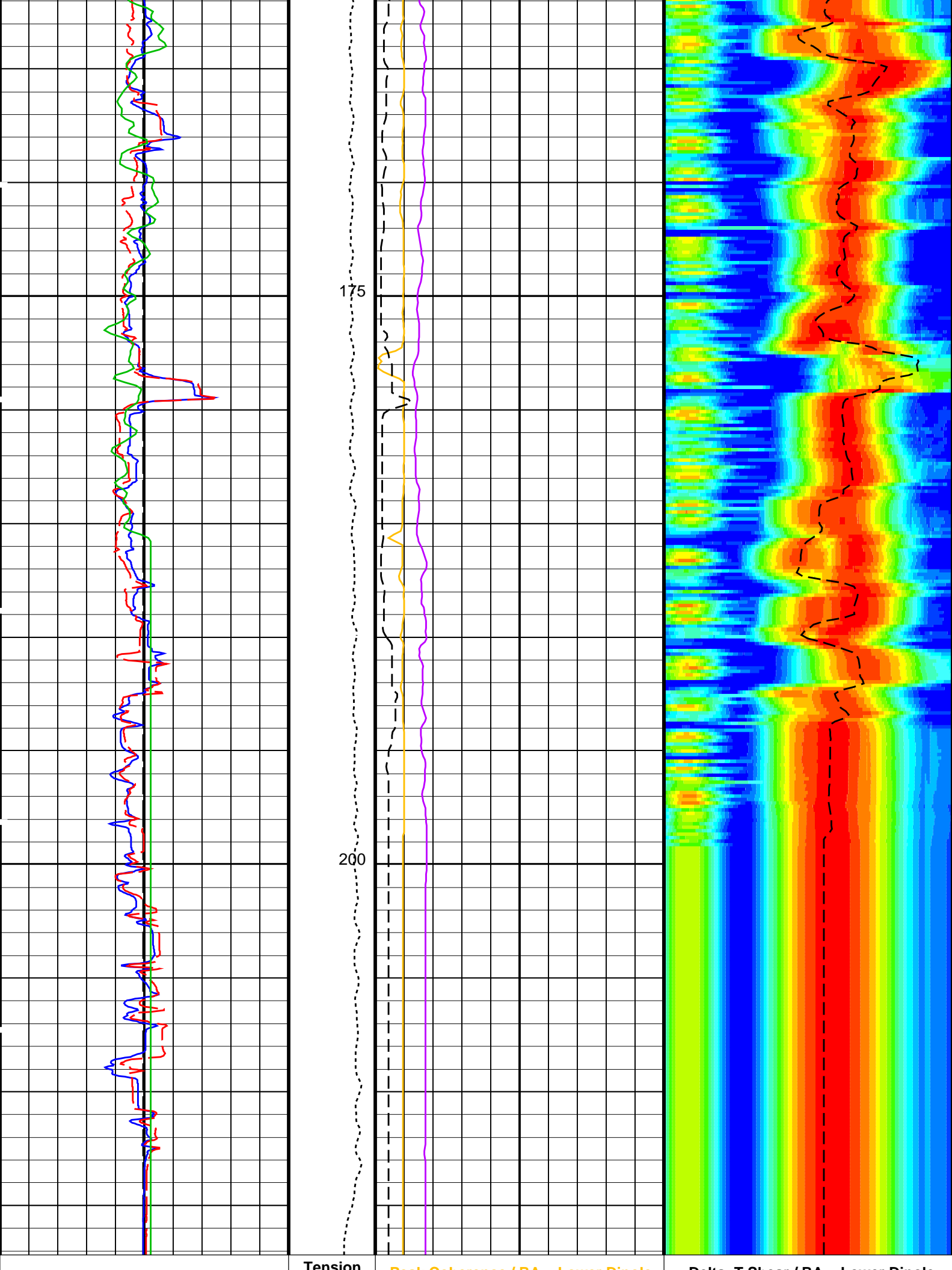
| | | | |
|--|---|---|---|
| <p>Gamma Ray (GR_EDTC) 0 (GAPI) 150</p> | | <p>Sonic Velocity (SVEL) 1000 (M/S) 6000</p> | <p>Min Amplitude Max</p> <p>Rec.Array L.Dipole Slow Proj. CVDL (SPR1) (US/F) 75 1200</p> |
| <p>Caliper 1 (C1) 0 (IN) 20</p> | | <p>SAM1 Waveform Gain (WFG1) 0 (----) 1000</p> | |
| <p>Caliper 2 (C2) 0 (IN) 20</p> | | <p>Peak Coherence / RA - Lower Dipole (CHR1) 0 (----) 10</p> | <p>Delta-T Shear / RA - Lower Dipole (DT1R) 75 (US/F) 1200</p> |
| <p>Bit Size (BS) 0 (IN) 20</p> | <p>Tension (TENS) (LBF) 0 7500</p> | | |











Tension

Peak Outcomes (RA - Lower Dimple)

Delta T Shear (RA - Lower Dimple)

| | | | | | | | | |
|---|-------------------------------|-----|------|------|------|----|--|------|
| 0 | Bit Size (BS) (IN) | 20 | 0 | 7500 | 10 | 75 | Delta-T Shear / RA - Lower Dipole (DT1R) (US/F) | 1200 |
| 0 | Caliper 2 (C2) (IN) | 20 | 0 | 1000 | 1000 | 75 | Min Amplitude Max SAM1 Waveform Gain (WFG1) Rec.Array L.Dipole Slow Proj. CVDL (SPR1) (US/F) | 1200 |
| 0 | Caliper 1 (C1) (IN) | 20 | 1000 | 6000 | 6000 | | Sonic Velocity (SVEL) (M/S) | |
| 0 | Gamma Ray (GR_EDTC) (GAPI) | 150 | | | | | | |

PIP SUMMARY

Time Mark Every 60 S

Parameters

| DLIS Name | Description | Value |
|---------------------------------|--|------------|
| DSST-B: Dipole Shear Imager - B | | |
| DDE1 | Digitizing Delay 1 | 0 US |
| DDEX | Digitizing Delay X | 0 US |
| DLCS | Label Compressional Source - Dipole Shear | USE |
| DSHL | Label Slowness Lower Limit - Dipole Shear | 220 US/F |
| DSHU | Label Slowness Upper Limit - Dipole Shear | 1200 US/F |
| DSI1 | Digitizer Sample Interval 1 | 40 US |
| DSIX | Digitizer Sample Interval X | 40 US |
| DTCS | Compressional Delta-T Source for DTCO Channel | PS_COMP |
| DWC1 | Digitizer Word Count 1 | 512 |
| DWCX | Digitizer Word Count X | 512 |
| LTXG | Lower Dipole Transmitter Geometry | 156 IN |
| NWI1 | Number Waveform Items 1 | 8 |
| NWIX | Number Waveform Items X | 0 |
| RX1G | Receiver 1 Geometry | 294 IN |
| RX2G | Receiver 2 Geometry | 300 IN |
| RX3G | Receiver 3 Geometry | 306 IN |
| RX4G | Receiver 4 Geometry | 312 IN |
| RX5G | Receiver 5 Geometry | 318 IN |
| RX6G | Receiver 6 Geometry | 324 IN |
| RX7G | Receiver 7 Geometry | 330 IN |
| RX8G | Receiver 8 Geometry | 336 IN |
| SAM1 | DSST Sonic Acquisition Mode 1 - Lower Dipole Mode | LFD_EVEN |
| SAMX | DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert | OFF |
| SAS1 | STC Sonic Array Status - Lower Dipole | 255 |
| SBO1 | STC Search Band Offset - Lower Dipole | 3000 US |
| SBW1 | STC Search Bandwidth - Lower Dipole | 8000 US |
| SFC1 | STC Formation Character - Lower Dipole | SELECTABLE |
| SFM1 | STC Filter - Lower Dipole | B.3-1.5K |
| SLL1 | STC Slowness Lower Limit - Lower Dipole | 75 US/F |
| SST1 | STC Slowness Step - Lower Dipole | 4 US/F |
| SSW1 | STC Source Waveform - Lower Dipole | WF_SAM1 |
| SUL1 | STC Slowness Upper Limit - Lower Dipole | 1200 US/F |
| SWD1 | STC Slowness Width - Lower Dipole | 40 US/F |
| TBF1 | STC Time for Baseline Fill - Lower Dipole | 0 US |
| TLL1 | STC Time Lower Limit - Lower Dipole | 600 US |
| TST1 | STC Time Step - Lower Dipole | 200 US |
| TUL1 | STC Time Upper Limit - Lower Dipole | 20440 US |
| TWD1 | STC Time Width - Lower Dipole | 2000 US |
| TWI1 | STC Integration Time Window - Lower Dipole | 1600 US |
| TWSX | Transmitter Waveform Select X | 0 |
| WFM1 | Waveform Mode 1 | W1 |
| System and Miscellaneous | | |
| BS | Bit Size | 9.875 IN |
| DO | Depth Offset for Playback | -3688.0 M |
| PP | Playback Processing | RECOMPUTE |

Format: DSST_LOWER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 19-Mar-2015 14:32

OP System Version: 19C0-187

| | | | |
|---------|----------|--------|----------------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
| DSST-B | 19C0-187 | HNGC-B | 19C0-187 |
| HNGS-BA | 19C0-187 | EDTC-B | SKK-5169-EDTCB |

Input DLIS Files

DEFAULT FMS_DSI_NGS_026LUP FN:18 PRODUCER 17-Mar-2015 16:01 3904.5 M 3668.7 M

Output DLIS Files

DEFAULT FMS_DSI_NGS_041PUP FN:32 PRODUCER 19-Mar-2015 14:32



Stoneley Main

MAXIS Field Log

Company: Integrated Ocean Discovery Program

Well: Expedition 354, Site U1453A

Input DLIS Files

DEFAULT FMS_DSI_NGS_026LUP FN:18 PRODUCER 17-Mar-2015 16:01 3904.5 M 3668.7 M

Output DLIS Files

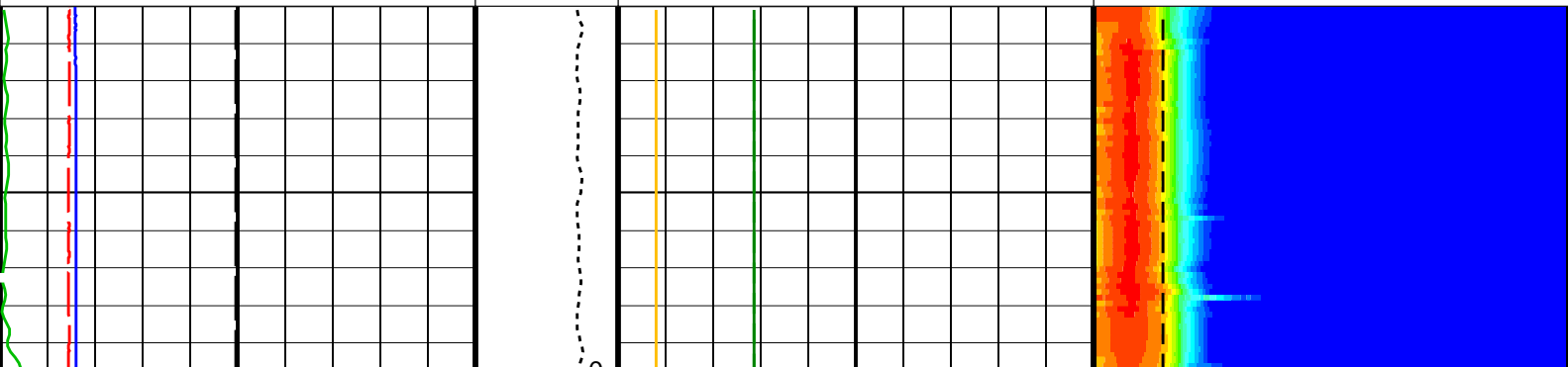
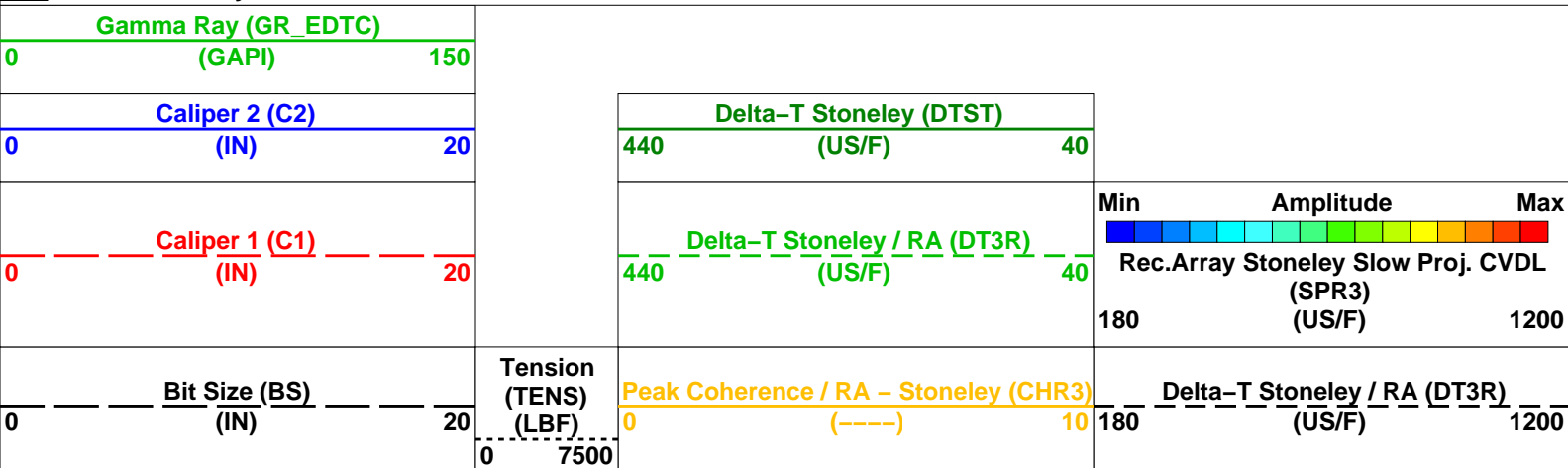
DEFAULT FMS_DSI_NGS_041PUP FN:32 PRODUCER 19-Mar-2015 14:32 217.2 M -10.1 M

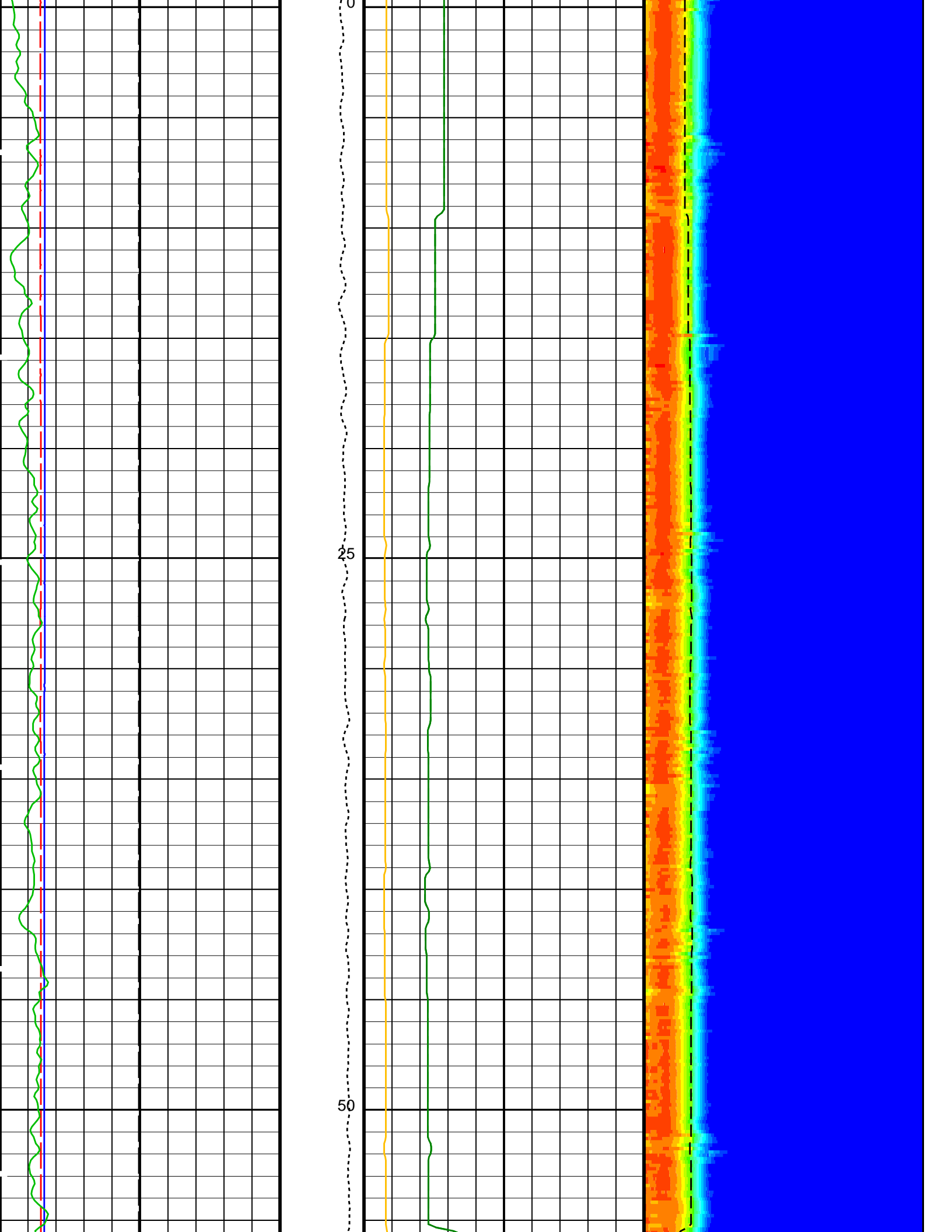
OP System Version: 19C0-187

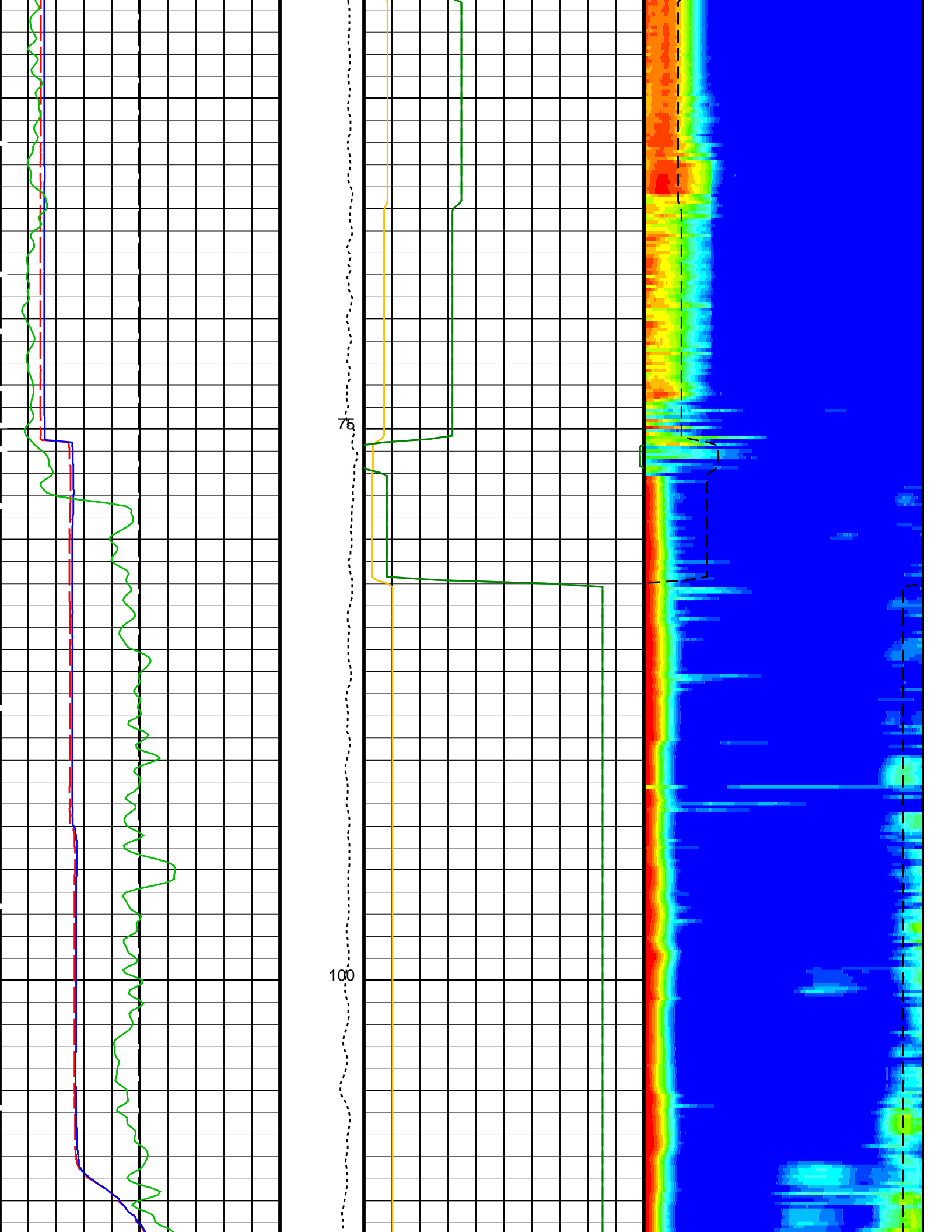
| | | | |
|---------|----------|--------|----------------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
| DSST-B | 19C0-187 | HNGC-B | 19C0-187 |
| HNGS-BA | 19C0-187 | EDTC-B | SKK-5169-EDTCB |

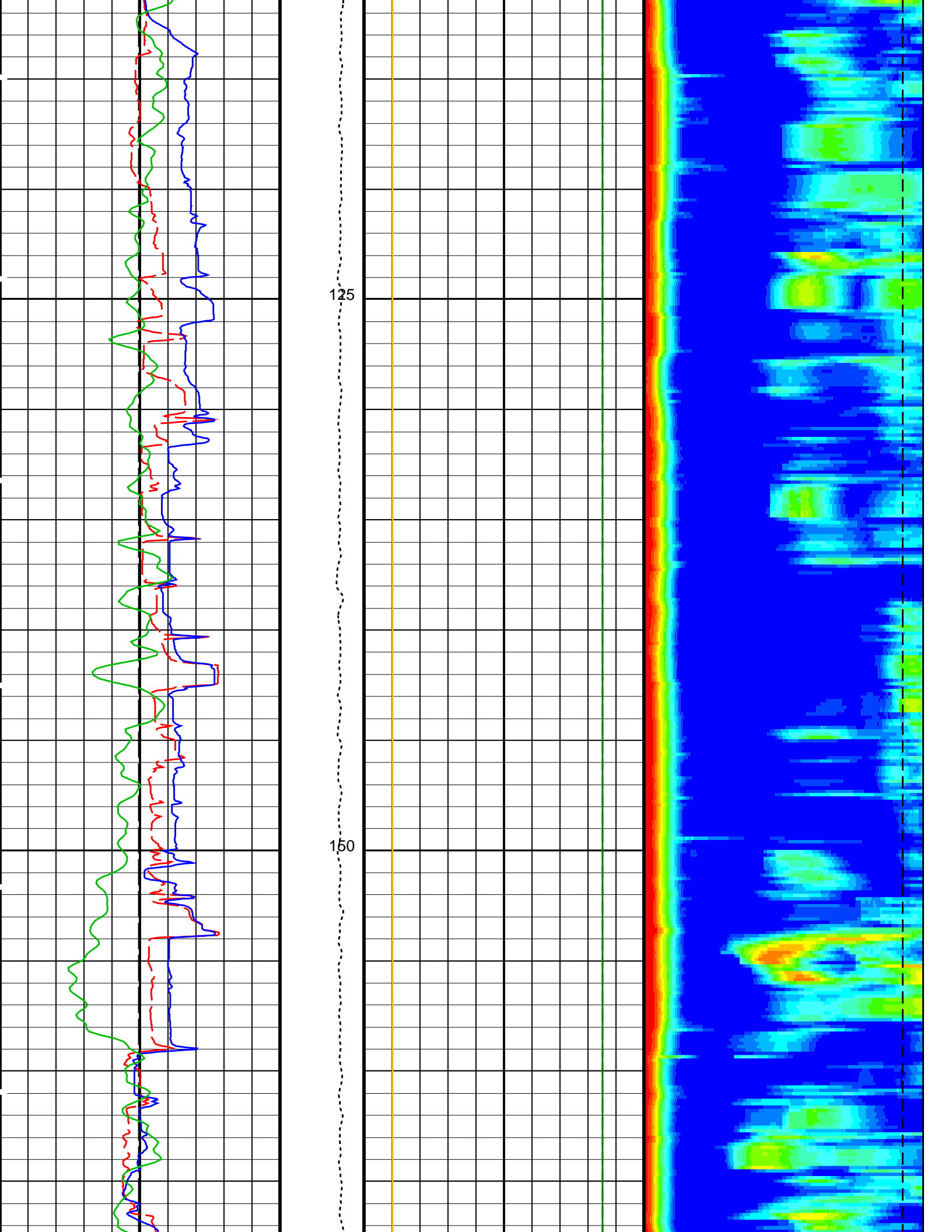
PIP SUMMARY

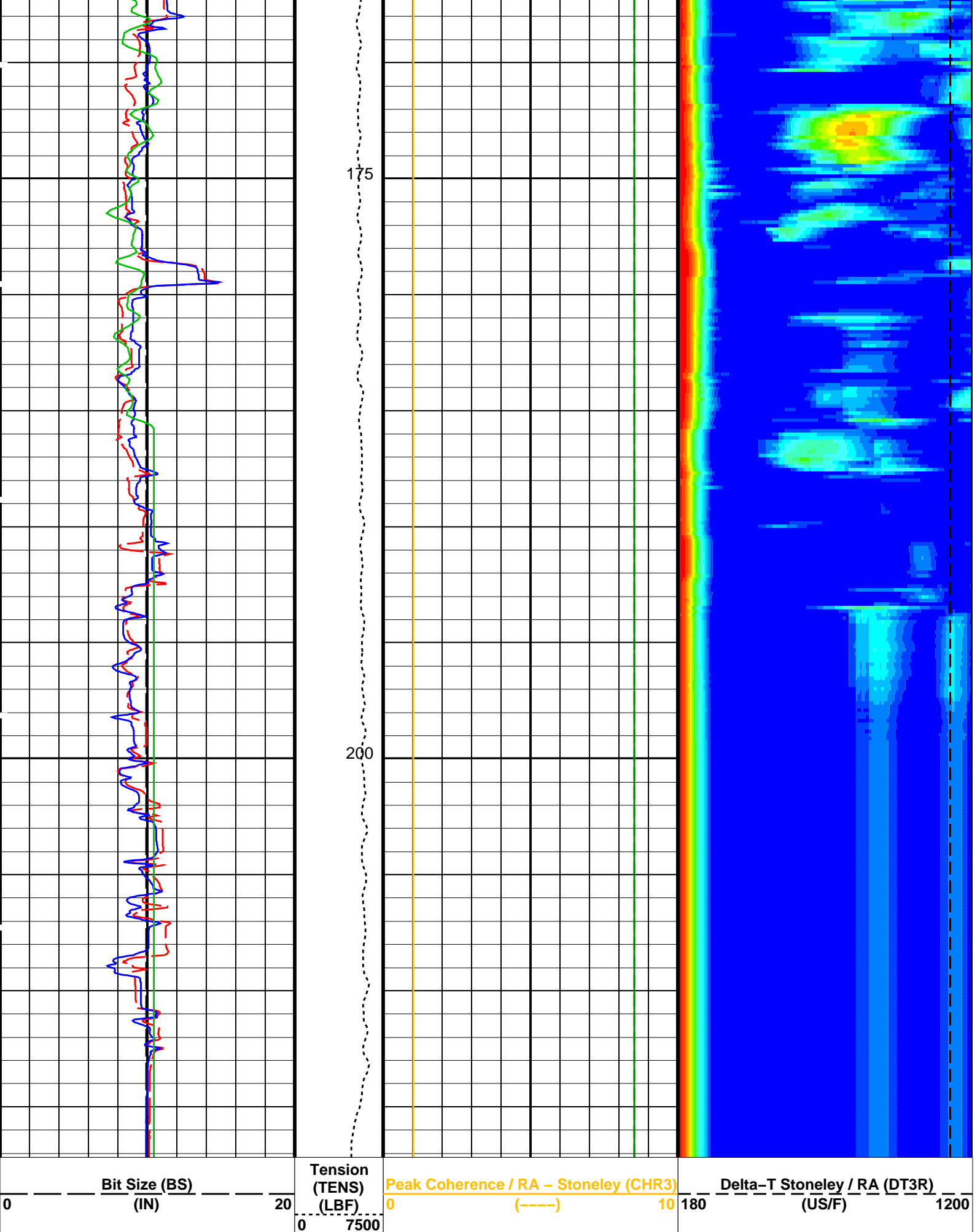
Time Mark Every 60 S











Bit Size (BS)
(IN)

Tension
(TENS)
(LBF)

Peak Coherence / RA - Stoneley (CHR3)
(----)

Delta-T Stoneley / RA (DT3R)
(US/F)

Caliper 1 (C1)
(IN)

Delta-T Stoneley / RA (DT3R)
(US/F)

Min Amplitude Max

Rec.Array Stonelev Slow Proj. CVDL

| | | | |
|---------------------|-------------------------|-------------------|------|
| (IN) 20 | 440 (US/F) 40 | 180 (SPR3) (US/F) | 1200 |
| Caliper 2 (C2) | Delta-T Stoneley (DTST) | | |
| 0 (IN) 20 | 440 (US/F) 40 | | |
| Gamma Ray (GR_EDTC) | | | |
| 0 (GAPI) 150 | | | |

PIP SUMMARY

Time Mark Every 60 S

Parameters

| DLIS Name | Description | Value |
|---------------------------------|--|------------|
| DSST-B: Dipole Shear Imager - B | | |
| DDE3 | Digitizing Delay 3 | 0 US |
| DDEX | Digitizing Delay X | 0 US |
| DSI3 | Digitizer Sample Interval 3 | 40 US |
| DSIX | Digitizer Sample Interval X | 40 US |
| DTCS | Compressional Delta-T Source for DTCO Channel | PS_COMP |
| DWC3 | Digitizer Word Count 3 | 512 |
| DWCX | Digitizer Word Count X | 512 |
| MTXG | Monopole Transmitter Geometry | 186 IN |
| NWI3 | Number Waveform Items 3 | 8 |
| NWIX | Number Waveform Items X | 0 |
| RX1G | Receiver 1 Geometry | 294 IN |
| RX2G | Receiver 2 Geometry | 300 IN |
| RX3G | Receiver 3 Geometry | 306 IN |
| RX4G | Receiver 4 Geometry | 312 IN |
| RX5G | Receiver 5 Geometry | 318 IN |
| RX6G | Receiver 6 Geometry | 324 IN |
| RX7G | Receiver 7 Geometry | 330 IN |
| RX8G | Receiver 8 Geometry | 336 IN |
| SAM3 | DSST Sonic Acquisition Mode 3 - Monopole Mode for Stoneley | ODD |
| SAMX | DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert | OFF |
| SAS3 | STC Sonic Array Status - Monopole Stoneley | 255 |
| SBO3 | STC Search Band Offset - Monopole Stoneley | 2000 US |
| SBW3 | STC Search Bandwidth - Monopole Stoneley | 6000 US |
| SFC3 | STC Formation Character - Monopole Stoneley | SELECTABLE |
| SFM3 | STC Filter - Monopole Stoneley | B.5-1.5K |
| SLL3 | STC Slowness Lower Limit - Monopole Stoneley | 180 US/F |
| SST3 | STC Slowness Step - Monopole Stoneley | 4 US/F |
| SSW3 | STC Source Waveform - Monopole Stoneley | WF_SAM3 |
| STLL | Label Slowness Lower Limit - Monopole Stoneley | 300 US/F |
| STUL | Label Slowness Upper Limit - Monopole Stoneley | 1200 US/F |
| SUL3 | STC Slowness Upper Limit - Monopole Stoneley | 1200 US/F |
| SWD3 | STC Slowness Width - Monopole Stoneley | 40 US/F |
| TBF3 | STC Time for Baseline Fill - Monopole Stoneley | 0 US |
| TLL3 | STC Time Lower Limit - Monopole Stoneley | 620 US |
| TST3 | STC Time Step - Monopole Stoneley | 200 US |
| TUL3 | STC Time Upper Limit - Monopole Stoneley | 15800 US |
| TWD3 | STC Time Width - Monopole Stoneley | 2000 US |
| TWI3 | STC Integration Time Window - Monopole Stoneley | 1600 US |
| TWSX | Transmitter Waveform Select X | 0 |
| System and Miscellaneous | | |
| BS | Bit Size | 9.875 IN |
| DO | Depth Offset for Playback | -3688.0 M |
| PP | Playback Processing | RECOMPUTE |

Format: DSST_STONELEY_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 19-Mar-2015 14:32

OP System Version: 19C0-187

| | | | |
|---------|----------|--------|----------------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
| DSST-B | 19C0-187 | HNGC-B | 19C0-187 |
| HNGS-BA | 19C0-187 | EDTC-B | SKK-5169-EDTCB |

Input DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|----------|----------|
| DEFAULT | FMS_DSI_NGS_026LUP | FN:18 | PRODUCER | 17-Mar-2015 16:01 | 3904.5 M | 3668.7 M |
|---------|--------------------|-------|----------|-------------------|----------|----------|

Output DLIS Files

| | | | | |
|---------|--------------------|-------|----------|-------------------|
| DEFAULT | FMS_DSI_NGS_041PUP | FN:32 | PRODUCER | 19-Mar-2015 14:32 |
|---------|--------------------|-------|----------|-------------------|

Company: Integrated Ocean Discovery Program

Well: Expedition 354, Site U1453A

Input DLIS Files

DEFAULT FMS_DSI_NGS_025LUP FN:17 PRODUCER 17-Mar-2015 15:40 3904.5 M 3810.8 M

Output DLIS Files

DEFAULT FMS_DSI_NGS_043PUP FN:34 PRODUCER 19-Mar-2015 14:37 214.9 M 121.8 M

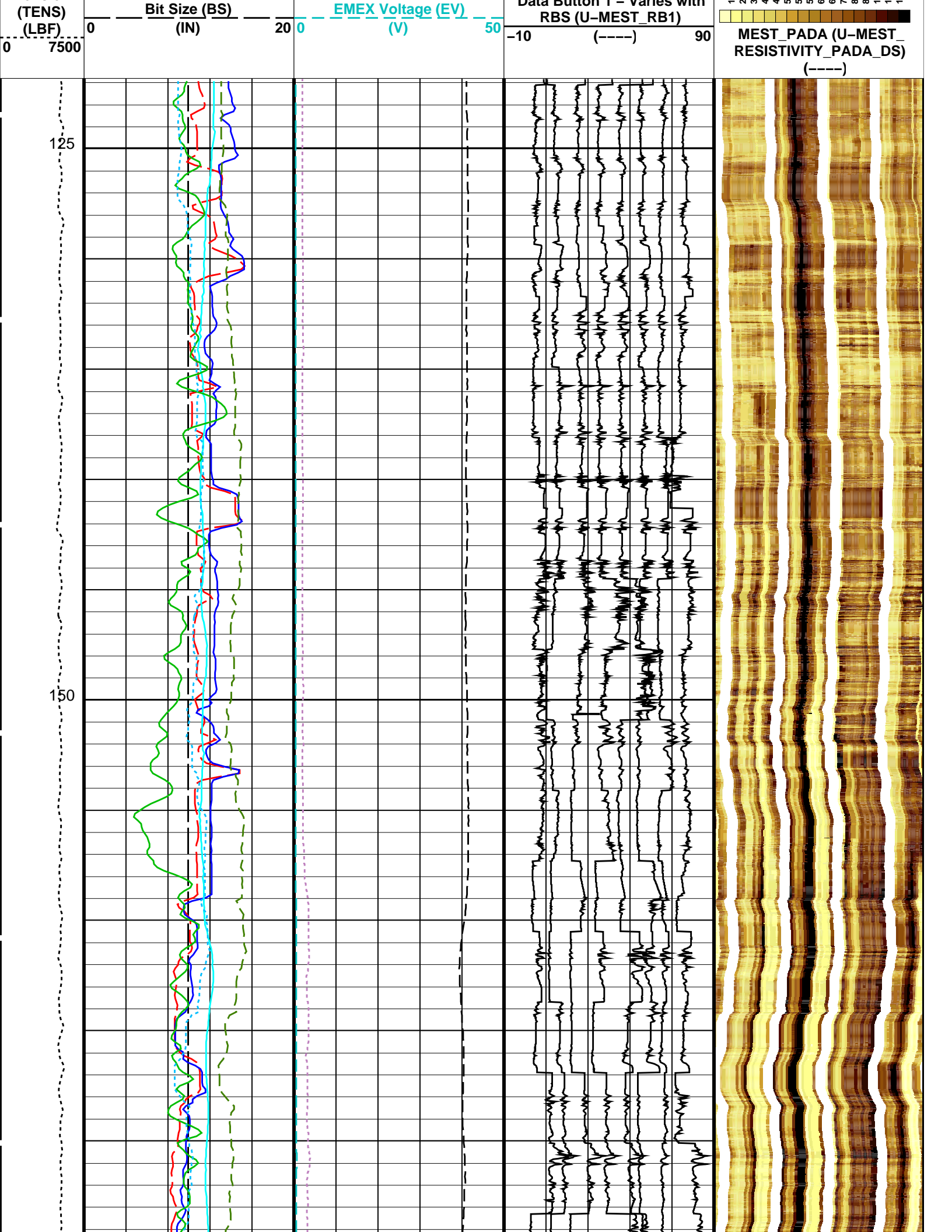
OP System Version: 19C0-187

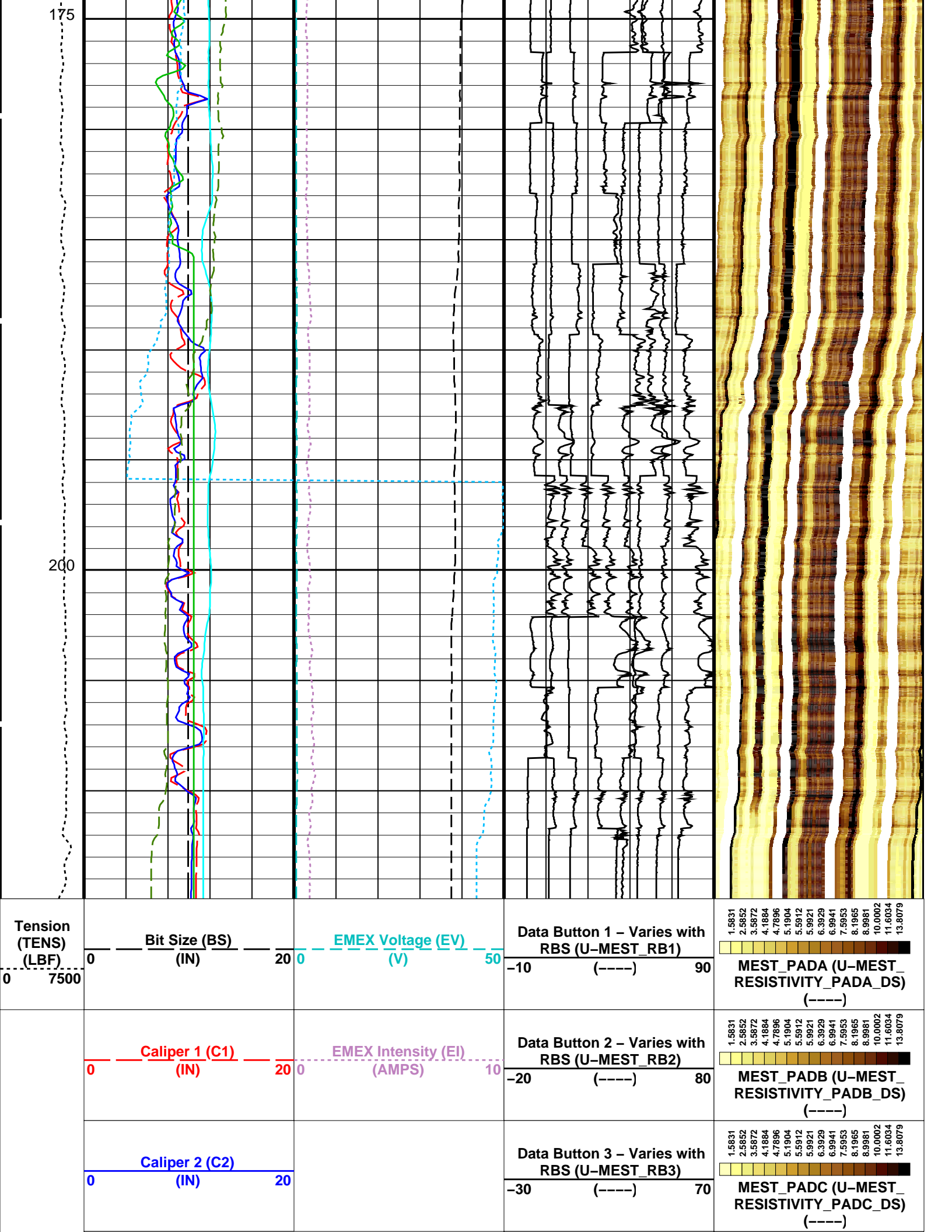
MEST-B 19C0-187 DTA-A 8453
 DSST-B 19C0-187 HNGC-B 19C0-187
 HNGS-BA 19C0-187 EDTC-B SKK-5169-EDTCB


PIP SUMMARY

Time Mark Every 60 S

| | | |
|--|---|---|
| <p>Relative Bearing (RB_MEST) (DEG)</p> <p>-40 360</p> | <p>Data Button 8 - Varies with RBS (U-MEST_RB8)</p> <p>-80 (----) 20</p> | |
| <p>Pad One Azimuth (P1AZ_MEST) (DEG)</p> <p>-40 360</p> | <p>Data Button 7 - Varies with RBS (U-MEST_RB7)</p> <p>-70 (----) 30</p> | |
| <p>Hole Azimuth (HAZIM) (DEG)</p> <p>-40 360</p> | <p>Data Button 6 - Varies with RBS (U-MEST_RB6)</p> <p>-60 (----) 40</p> | |
| <p>Gamma Ray (GR_EDTC) (GAPI)</p> <p>0 150</p> | <p>Data Button 5 - Varies with RBS (U-MEST_RB5)</p> <p>-50 (----) 50</p> | |
| <p>Deviation (DEVIM) (DEG)</p> <p>0 10</p> | <p>Data Button 4 - Varies with RBS (U-MEST_RB4)</p> <p>-40 (----) 60</p> | <p>1.5831 2.5852 3.5872 4.1884 4.7896 5.1904 5.5912 5.9921 6.3929 6.9941 7.5953 8.1965 8.9981 10.0002 11.6034 13.8079</p> <p>MEST_PADD (U-MEST_RESISTIVITY_PADD_DS) (----)</p> |
| <p>Caliper 2 (C2) (IN)</p> <p>0 20</p> | <p>Data Button 3 - Varies with RBS (U-MEST_RB3)</p> <p>-30 (----) 70</p> | <p>1.5831 2.5852 3.5872 4.1884 4.7896 5.1904 5.5912 5.9921 6.3929 6.9941 7.5953 8.1965 8.9981 10.0002 11.6034 13.8079</p> <p>MEST_PADC (U-MEST_RESISTIVITY_PADC_DS) (----)</p> |
| <p>Caliper 1 (C1) (IN)</p> <p>0 20</p> <p>EMEX Intensity (EI) (AMPS)</p> <p>0 10</p> | <p>Data Button 2 - Varies with RBS (U-MEST_RB2)</p> <p>-20 (----) 80</p> | <p>1.5831 2.5852 3.5872 4.1884 4.7896 5.1904 5.5912 5.9921 6.3929 6.9941 7.5953 8.1965 8.9981 10.0002 11.6034 13.8079</p> <p>MEST_PADB (U-MEST_RESISTIVITY_PADB_DS) (----)</p> |
| <p>Tension</p> | <p>Data Button 1 - Varies with</p> | <p>1.5831 2.5852 3.5872 4.1884 4.7896 5.1904 5.5912 5.9921 6.3929 6.9941 7.5953 8.1965 8.9981 10.0002 11.6034 13.8079</p> |





| | | | | | | | | |
|--------------------------------------|--|-----|-----|---|-----|---------|----|---|
| Deviation (DEVIM) (DEG) | | 0 | 10 | Data Button 4 – Varies with RBS (U-MEST_RB4) | -40 | (-----) | 60 |  MEST_PADD (U-MEST_ RESISTIVITY_PADD_DS) (-----) |
| Gamma Ray (GR_EDTC) (GAPI) | | 0 | 150 | Data Button 5 – Varies with RBS (U-MEST_RB5) | -50 | (-----) | 50 | |
| Hole Azimuth (HAZIM) (DEG) | | -40 | 360 | Data Button 6 – Varies with RBS (U-MEST_RB6) | -60 | (-----) | 40 | |
| Pad One Azimuth (P1AZ_MEST) (DEG) | | -40 | 360 | Data Button 7 – Varies with RBS (U-MEST_RB7) | -70 | (-----) | 30 | |
| Relative Bearing (RB_MEST) (DEG) | | -40 | 360 | Data Button 8 – Varies with RBS (U-MEST_RB8) | -80 | (-----) | 20 | |

PIP SUMMARY

Time Mark Every 60 S

Parameters

| DLIS Name | Description | Value |
|--------------------------|-------------------------------------|---------------------|
| MEST-B: | Micro Electrical Scanner – B (Slim) | |
| AFMO | Accelerometer Filtering Mode | MOVING_AVERAGE |
| ICMO | Inclinometry Computation Mode | AUTOMATIC_SELECTION |
| MDEC | Magnetic Field Declination | -1.76266 DEG |
| MLM | MEST Logging Mode | SCAN1800 |
| RBS | Resistivity Button Selection | AUTO |
| XGAI | Gain | GAIN_2 |
| XOFF | Offset | OFFSET_0 |
| System and Miscellaneous | | |
| BS | Bit Size | 9.875 IN |
| DO | Depth Offset for Playback | -3688.5 M |
| PP | Playback Processing | RECOMPUTE |

Format: MEST_C_WRAP_BY_P1AZ Vertical Scale: 1:200 Graphics File Created: 19-Mar-2015 14:37

OP System Version: 19C0-187

| | | | |
|---------|----------|--------|----------------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
| DSST-B | 19C0-187 | HNGC-B | 19C0-187 |
| HNGS-BA | 19C0-187 | EDTC-B | SKK-5169-EDTCB |

Input DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|----------|----------|
| DEFAULT | FMS_DSI_NGS_025LUP | FN:17 | PRODUCER | 17-Mar-2015 15:40 | 3904.5 M | 3810.8 M |
|---------|--------------------|-------|----------|-------------------|----------|----------|

Output DLIS Files

| | | | | |
|---------|--------------------|-------|----------|-------------------|
| DEFAULT | FMS_DSI_NGS_043PUP | FN:34 | PRODUCER | 19-Mar-2015 14:37 |
|---------|--------------------|-------|----------|-------------------|



P&S Repeat

Input DLIS Files

DEFAULT FMS_DSI_NGS_025LUP FN:17 PRODUCER 17-Mar-2015 15:40 3904.5 M 3810.8 M

Output DLIS Files

DEFAULT FMS_DSI_NGS_043PUP FN:34 PRODUCER 19-Mar-2015 14:37 214.9 M 121.8 M

OP System Version: 19C0-187

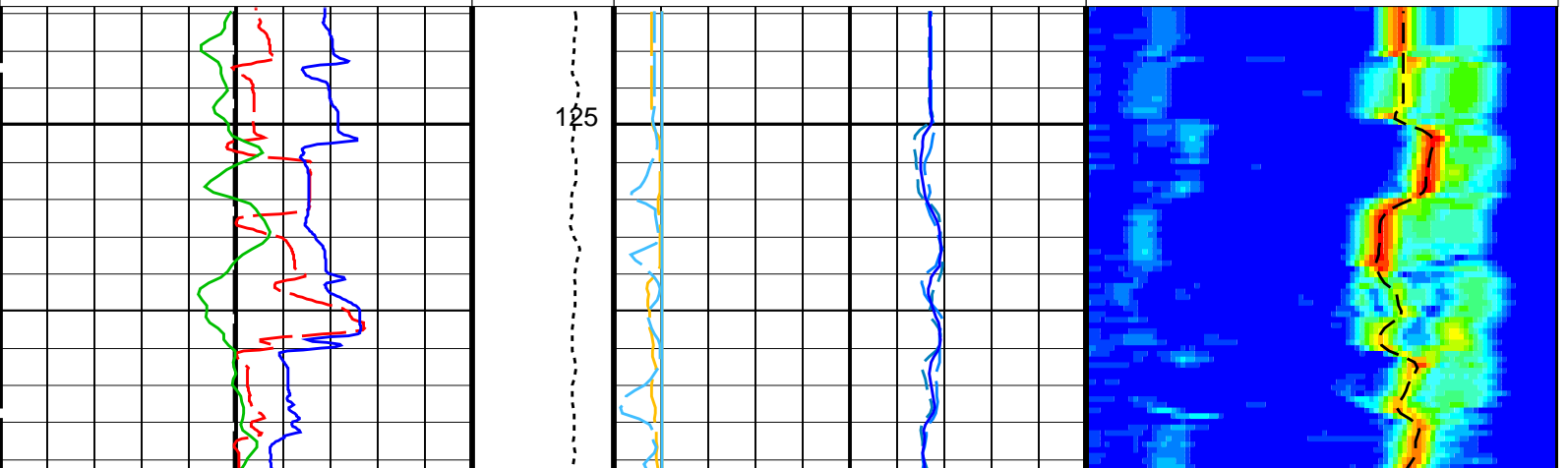
MEST-B 19C0-187
 DSST-B 19C0-187
 HNGS-BA 19C0-187

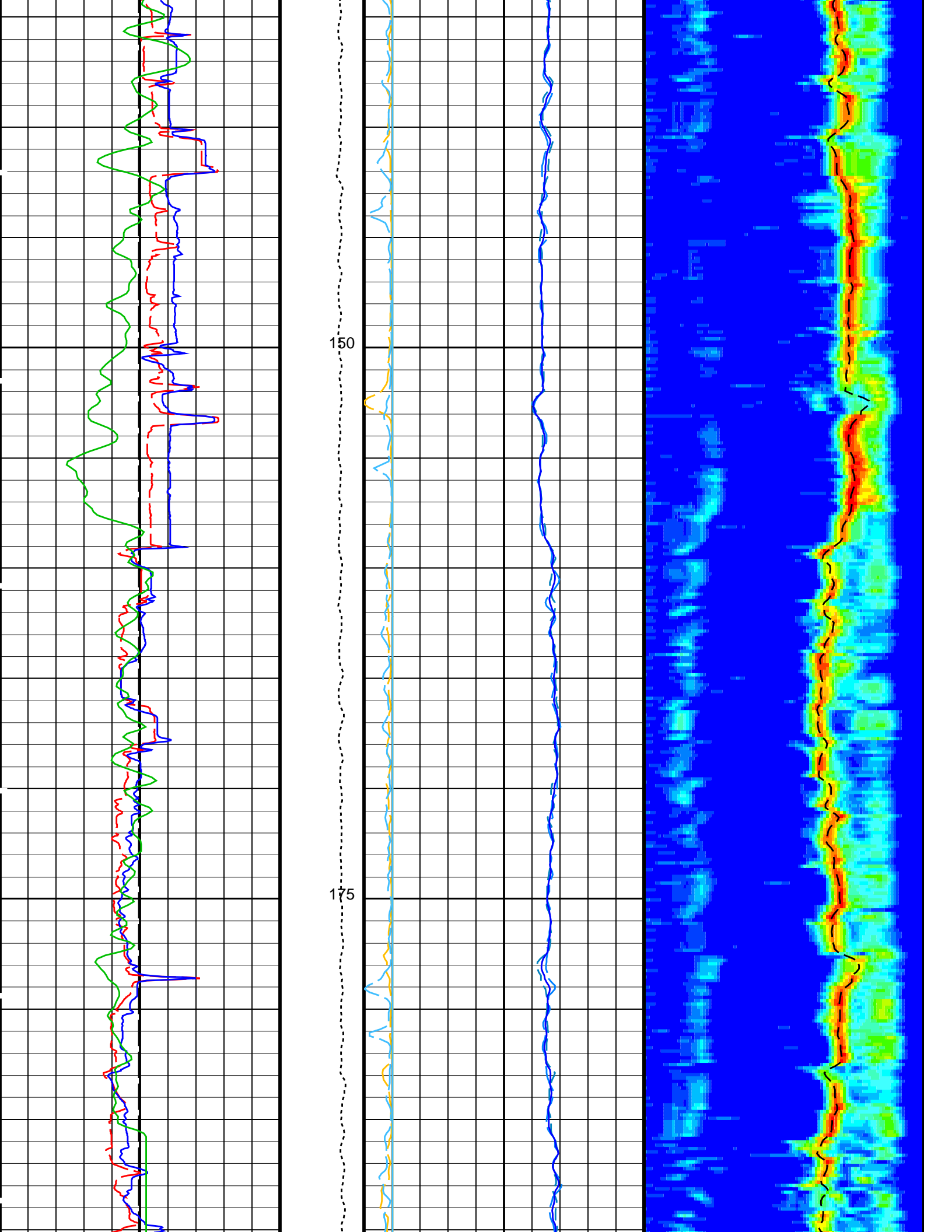
DTA-A 8453
 HNGC-B 19C0-187
 EDTC-B SKK-5169-EDTCB

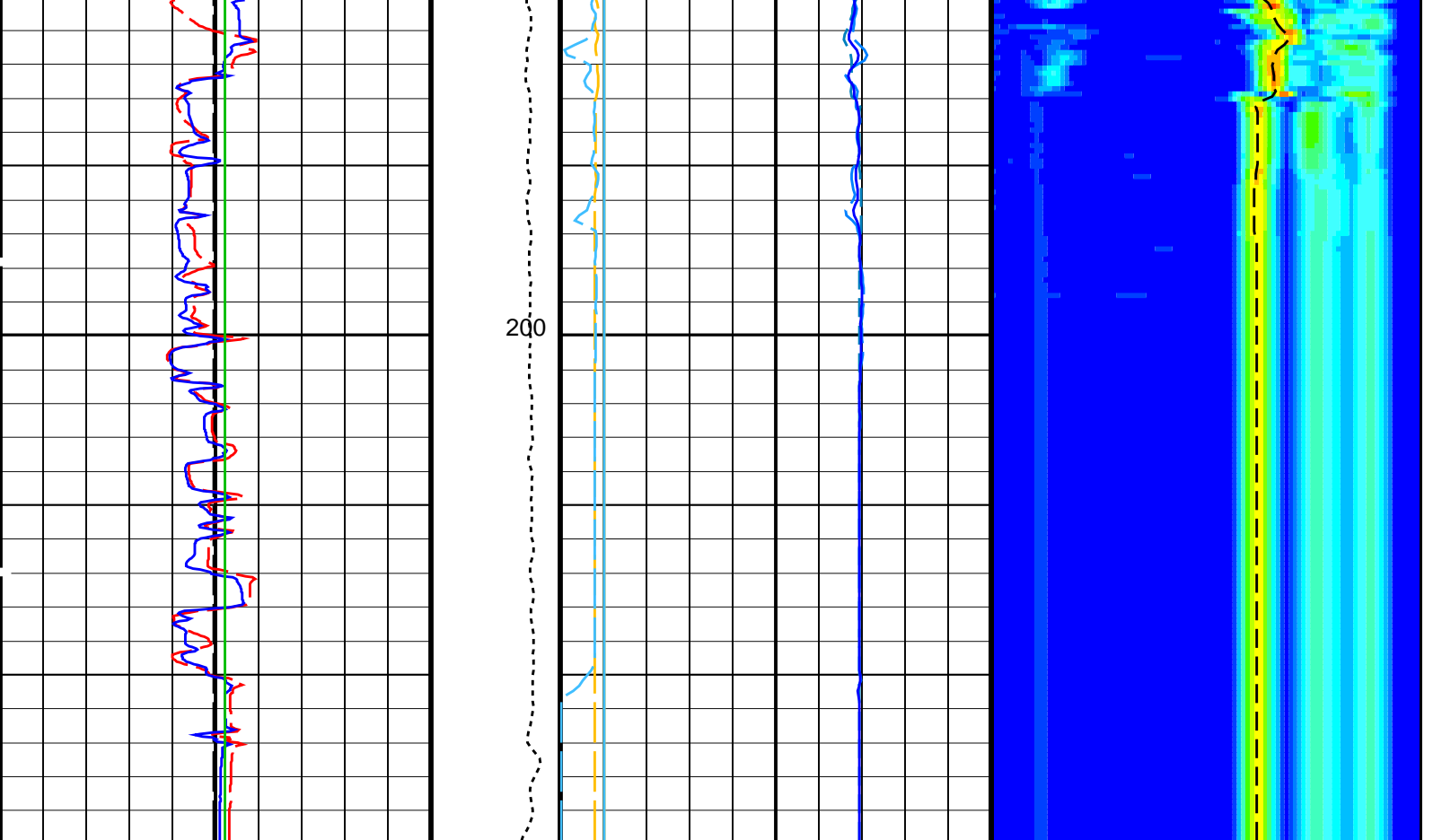
PIP SUMMARY

Time Mark Every 60 S

| | | |
|--|--|---|
| | Delta-T Shear - P & S (DT4S) 440 (US/F) 40 | |
| | Delta-T Shear / TA - P & S (DTTS) 440 (US/F) 40 | |
| | Delta-T Shear / RA - P & S (DTRS) 440 (US/F) 40 | |
| | Delta-T Comp - P & S (DT4P) 440 (US/F) 40 | |
| | Delta-T Comp / TA - P & S (DTTP) 440 (US/F) 40 | |
| | Delta-T Comp / RA - P & S (DTRP) 440 (US/F) 40 | |
| Gamma Ray (GR_EDTC) 0 (GAPI) 150 | Peak Coherence / TA - P & S Shear (CHTS) -1 (----) 9 | |
| Caliper 2 (C2) 0 (IN) 20 | Peak Coherence / RA - P & S Shear (CHRS) -1 (----) 9 | Min Amplitude Max Rec.Array P&S Slow Proj. CVDL (SPR4) 40 (US/F) 240 |
| Caliper 1 (C1) 0 (IN) 20 | Peak Coherence / TA - P & S Comp (CHTP) 0 (----) 10 | Delta-T Shear / RA - P & S (DTRS) 40 (US/F) 240 |
| Bit Size (BS) 0 (IN) 20 | Peak Coherence / RA - P & S Comp (CHRP) 0 (----) 10 | Delta-T Comp / RA - P & S (DTRP) 40 (US/F) 240 |
| Tension (TENS) (LBF) 0 7500 | | |







| | | | | | | | | | | | |
|-------------------------------|---|-----|----------------------------|---|------|---|-----|----|--------------------------------------|-----------|-----|
| Bit Size (BS) (IN) | 0 | 20 | Tension (TENS) (LBF) | 0 | 7500 | Peak Coherence / RA - P & S Comp (CHRP) | 0 | 10 | Delta-T Comp / RA - P & S (DTRP) | 40 | 240 |
| Caliper 1 (C1) (IN) | 0 | 20 | | | | Peak Coherence / TA - P & S Comp (CHTP) | 0 | 10 | Delta-T Shear / RA - P & S (DTRS) | 40 | 240 |
| Caliper 2 (C2) (IN) | 0 | 20 | | | | Peak Coherence / RA - P & S Shear (CHRS) | -1 | 9 | Min | Amplitude | Max |
| Gamma Ray (GR_EDTC) (GAPI) | 0 | 150 | | | | Peak Coherence / TA - P & S Shear (CHTS) | -1 | 9 | Rec.Array P&S Slow Proj. CVDL (SPR4) | 40 | 240 |
| | | | | | | Delta-T Comp / RA - P & S (DTRP) | 440 | 40 | | | |
| | | | | | | Delta-T Comp / TA - P & S (DTTP) | 440 | 40 | | | |
| | | | | | | Delta-T Comp - P & S (DT4P) | 440 | 40 | | | |
| | | | | | | Delta-T Shear / RA - P & S (DTRS) | 440 | 40 | | | |
| | | | | | | Delta-T Shear / TA - P & S (DTTS) | 440 | 40 | | | |
| | | | | | | Delta-T Shear - P & S (DT4S) | 440 | 40 | | | |

PIP SUMMARY

Time Mark Every 60 S

Parameters

| DLIS Name | Description | Value | |
|---|--|------------|------|
| DSST-B: Dipole Shear Imager - B | | | |
| BHS | Borehole Status | OPEN | |
| CASF | Label Casing Function - Monopole P&S | 50 | |
| COLL | Label Slowness Lower Limit - Monopole P&S Compressional | 100 | US/F |
| COUL | Label Slowness Upper Limit - Monopole P&S Compressional | 209 | US/F |
| DDE4 | Digitizing Delay 4 | 0 | US |
| DDEX | Digitizing Delay X | 0 | US |
| DSI4 | Digitizer Sample Interval 4 | 10 | US |
| DSIX | Digitizer Sample Interval X | 40 | US |
| DTF | Delta-T Fluid | 210 | US/F |
| DWC4 | Digitizer Word Count 4 | 512 | |
| DWCX | Digitizer Word Count X | 512 | |
| FILG | Label Fill Gap Control - Monopole P&S | COMP | |
| LFC | Label Formation Character - Monopole P&S | COMP_FIRST | |
| MCS | Mean Casing Slowness | 57 | US/F |
| MTXG | Monopole Transmitter Geometry | 186 | IN |
| NWI4 | Number Waveform Items 4 | 8 | |
| NWIX | Number Waveform Items X | 0 | |
| RSMN | Label Shear/Compressional Minimum Ratio - Monopole P&S | 1.4 | |
| RSMX | Label Shear/Compressional Maximum Ratio - Monopole P&S | 2.12 | |
| RX1G | Receiver 1 Geometry | 294 | IN |
| RX2G | Receiver 2 Geometry | 300 | IN |
| RX3G | Receiver 3 Geometry | 306 | IN |
| RX4G | Receiver 4 Geometry | 312 | IN |
| RX5G | Receiver 5 Geometry | 318 | IN |
| RX6G | Receiver 6 Geometry | 324 | IN |
| RX7G | Receiver 7 Geometry | 330 | IN |
| RX8G | Receiver 8 Geometry | 336 | IN |
| SAM4 | DSST Sonic Acquisition Mode 4 - Monopole Mode for P&S | EVEN | |
| SAMX | DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert | OFF | |
| SAS4 | STC Sonic Array Status - Monopole P&S | 255 | |
| SBO4 | STC Search Band Offset - Monopole P&S | 500 | US |
| SBR4 | STC Baseline Removal - Monopole P&S | ON | |
| SBW4 | STC Search Bandwidth - Monopole P&S | 2000 | US |
| SFC4 | STC Formation Character - Monopole P&S | SELECTABLE | |
| SFM4 | STC Filter - Monopole P&S | B3-20K | |
| SHLL | Label Slowness Lower Limit - Monopole P&S Shear | 235 | US/F |
| SHUL | Label Slowness Upper Limit - Monopole P&S Shear | 240 | US/F |
| SLL4 | STC Slowness Lower Limit - Monopole P&S | 40 | US/F |
| SST4 | STC Slowness Step - Monopole P&S | 2 | US/F |
| SSW4 | STC Source Waveform - Monopole P&S | WF_SAM4 | |
| STLL | Label Slowness Lower Limit - Monopole Stoneley | 300 | US/F |
| STUL | Label Slowness Upper Limit - Monopole Stoneley | 1200 | US/F |
| SUL4 | STC Slowness Upper Limit - Monopole P&S | 240 | US/F |
| SWD4 | STC Slowness Width - Monopole P&S | 10 | US/F |
| TBF4 | STC Time for Baseline Fill - Monopole P&S | 300 | US |
| TLL4 | STC Time Lower Limit - Monopole P&S | 150 | US |
| TST4 | STC Time Step - Monopole P&S | 50 | US |
| TUL4 | STC Time Upper Limit - Monopole P&S | 3660 | US |
| TWD4 | STC Time Width - Monopole P&S | 1000 | US |
| TWI4 | STC Integration Time Window - Monopole P&S | 500 | US |
| TWSX | Transmitter Waveform Select X | 0 | |
| HNGS-BA: Hostile Natural Gamma Ray Sonde | | | |
| BHS | Borehole Status | OPEN | |
| EDTC-B: Enhanced DTS Cartridge | | | |
| BHS | Borehole Status | OPEN | |
| System and Miscellaneous | | | |
| BS | Bit Size | 9.875 | IN |
| DO | Depth Offset for Playback | -3688.5 | M |
| PP | Playback Processing | RECOMPUTE | |

Format: DSST_P_S_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 19-Mar-2015 14:37

OP System Version: 19C0-187

| | | | |
|---------|----------|--------|----------------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
| DSST-B | 19C0-187 | HNGC-B | 19C0-187 |
| HNGS-BA | 19C0-187 | EDTC-B | SKK-5169-EDTCB |

Input DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|----------|----------|
| DEFAULT | FMS_DSI_NGS_025LUP | FN:17 | PRODUCER | 17-Mar-2015 15:40 | 3904.5 M | 3810.8 M |
|---------|--------------------|-------|----------|-------------------|----------|----------|

Output DLIS Files

| | | | | |
|---------|--------------------|-------|----------|-------------------|
| DEFAULT | FMS_DSI_NGS_043PUP | FN:34 | PRODUCER | 19-Mar-2015 14:37 |
|---------|--------------------|-------|----------|-------------------|

Input DLIS Files

DEFAULT FMS_DSI_NGS_025LUP FN:17 PRODUCER 17-Mar-2015 15:40 3904.5 M 3810.8 M

Output DLIS Files

DEFAULT FMS_DSI_NGS_043PUP FN:34 PRODUCER 19-Mar-2015 14:37 214.9 M 121.8 M

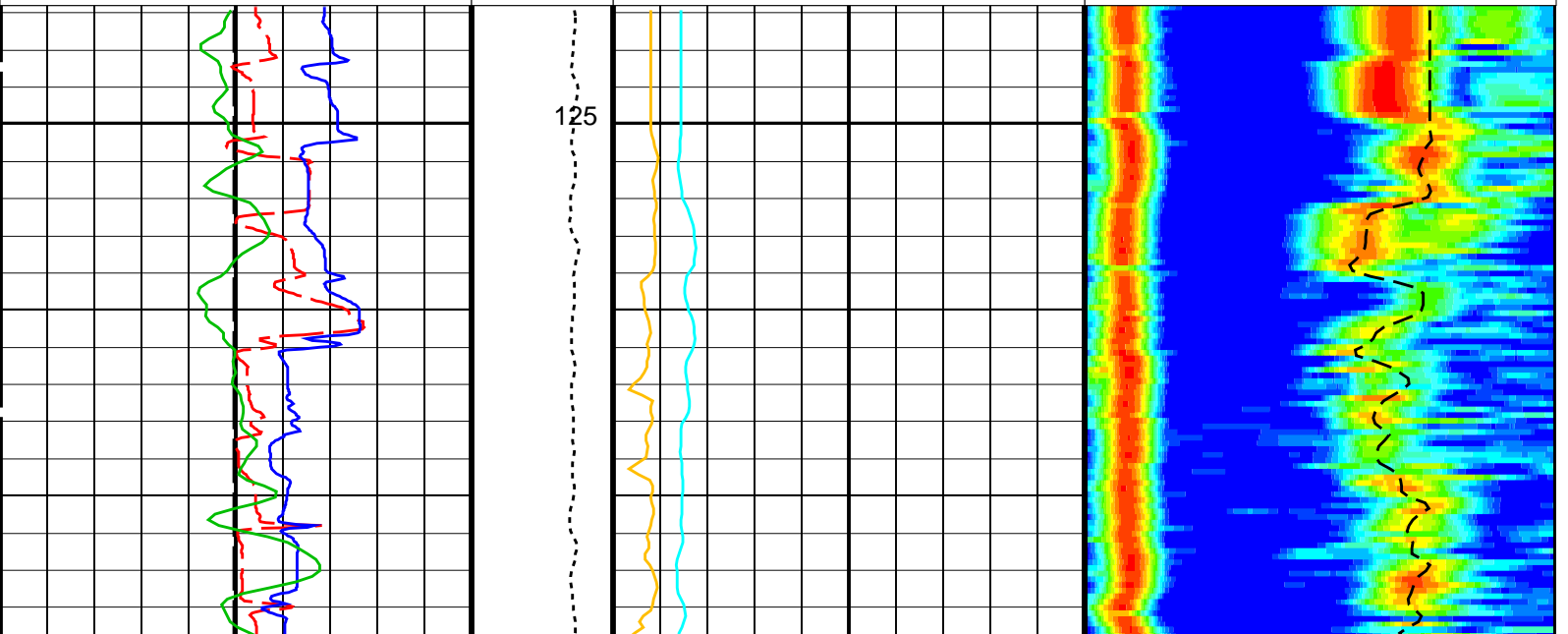
OP System Version: 19C0-187

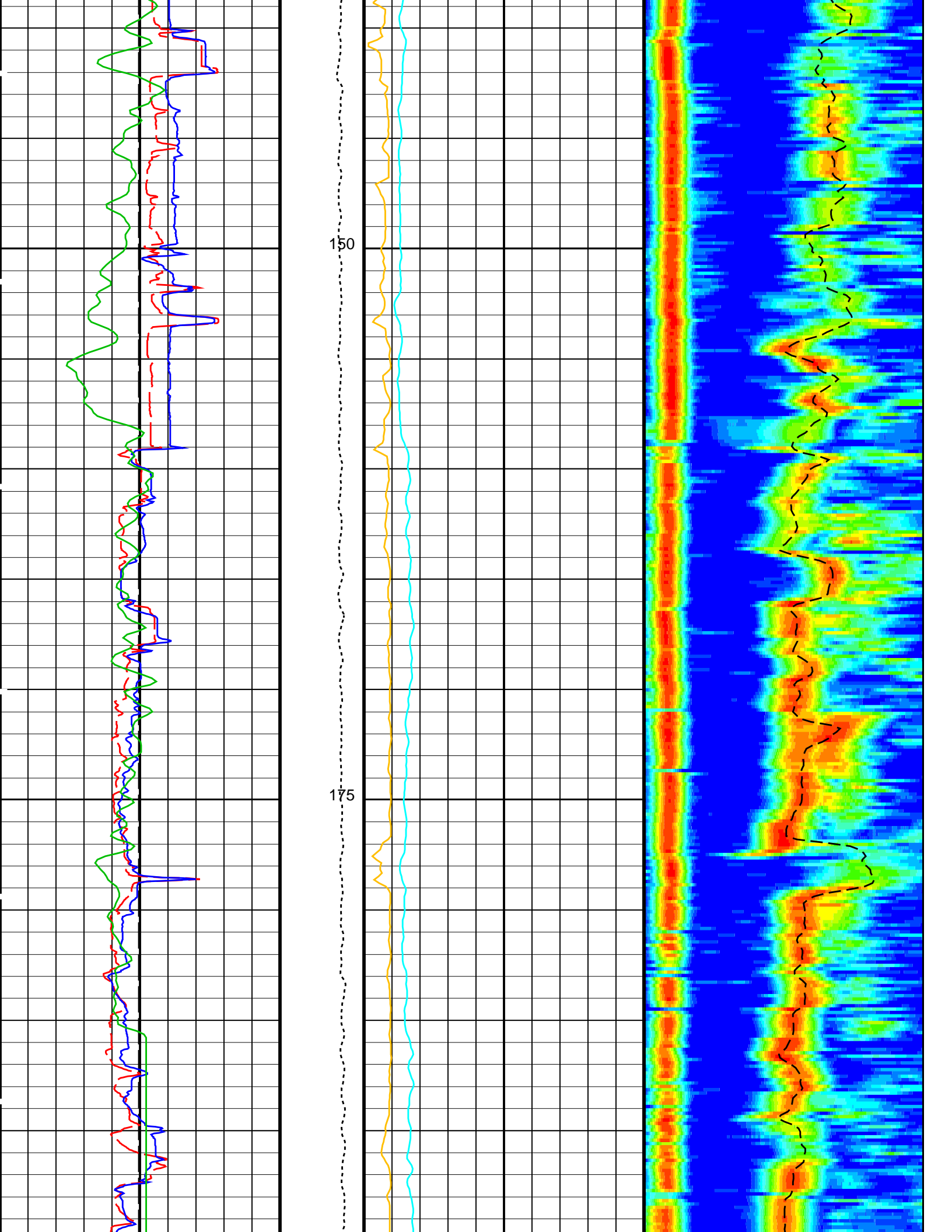
MEST-B 19C0-187 DTA-A 8453
 DSST-B 19C0-187 HNGC-B 19C0-187
 HNGS-BA 19C0-187 EDTC-B SKK-5169-EDTCB

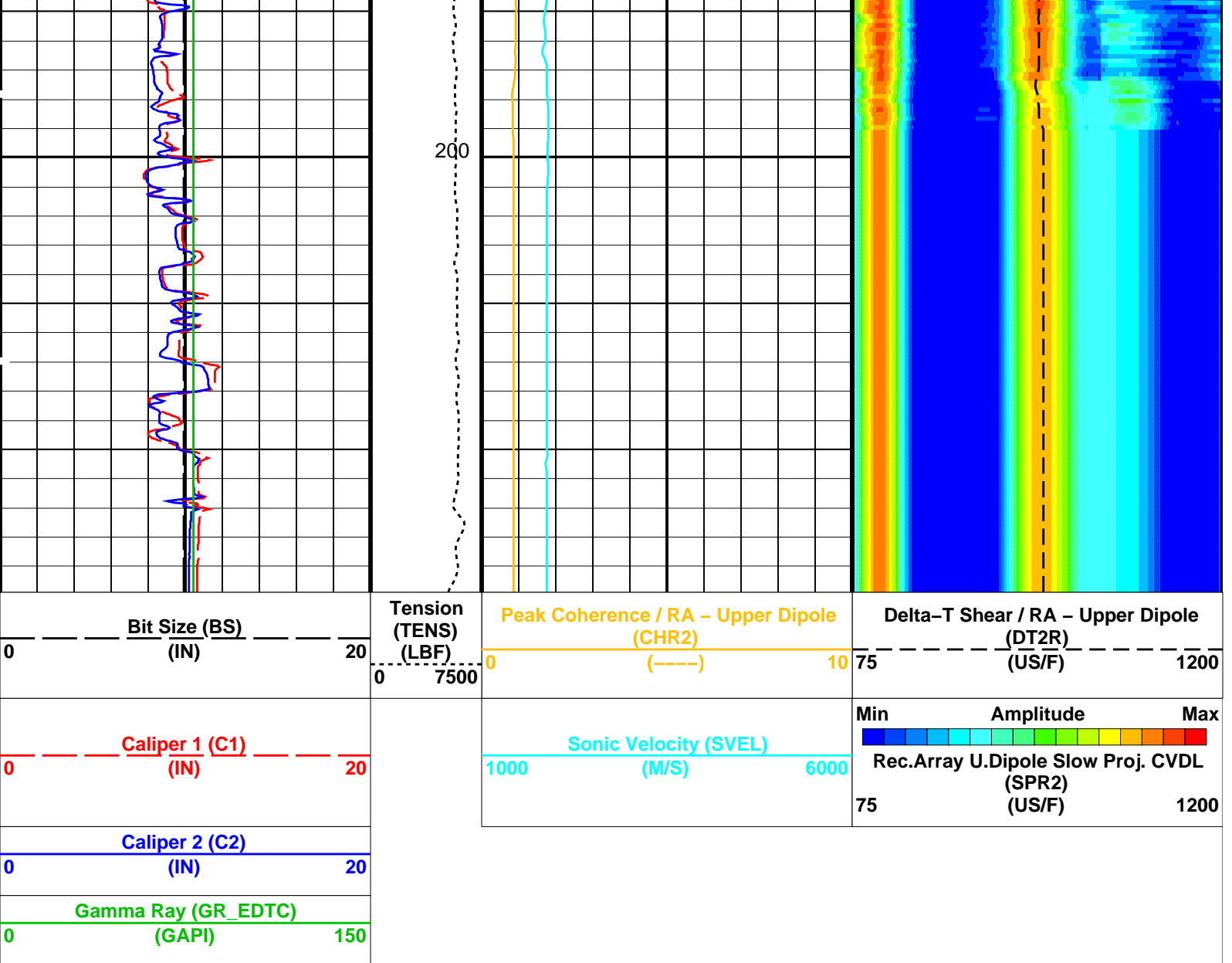
PIP SUMMARY

Time Mark Every 60 S

| | | | |
|--------------------------------------|--------|---|--|
| Gamma Ray (GR_EDTC) (GAPI) | | Sonic Velocity (SVEL) (M/S) | Min █ █ █ █ █ █ Max Rec.Array U.Dipole Slow Proj. CVDL (SPR2) (US/F) |
| 0 150 | | 1000 6000 | 75 1200 |
| Caliper 2 (C2) (IN) | | Peak Coherence / RA - Upper Dipole (CHR2) | Delta-T Shear / RA - Upper Dipole (DT2R) (US/F) |
| 0 20 | | 0 10 | 75 1200 |
| Caliper 1 (C1) (IN) | | Tension (TENS) (LBF) | |
| 0 20 | 0 7500 | | |







PIP SUMMARY

Time Mark Every 60 S

Parameters

| DLIS Name | Description | Value |
|---------------------------------|--|-----------|
| DSST-B: Dipole Shear Imager - B | | |
| DDE2 | Digitizing Delay 2 | 0 US |
| DDEX | Digitizing Delay X | 0 US |
| D LCS | Label Compressional Source - Dipole Shear | USE |
| DSHL | Label Slowness Lower Limit - Dipole Shear | 220 US/F |
| DSHU | Label Slowness Upper Limit - Dipole Shear | 1200 US/F |
| DSI2 | Digitizer Sample Interval 2 | 40 US |
| DSIX | Digitizer Sample Interval X | 40 US |
| DTCS | Compressional Delta-T Source for DTCO Channel | PS_COMP |
| DWC2 | Digitizer Word Count 2 | 512 |
| DWCX | Digitizer Word Count X | 512 |
| NWI2 | Number Waveform Items 2 | 8 |
| NWIX | Number Waveform Items X | 0 |
| RX1G | Receiver 1 Geometry | 294 IN |
| RX2G | Receiver 2 Geometry | 300 IN |
| RX3G | Receiver 3 Geometry | 306 IN |
| RX4G | Receiver 4 Geometry | 312 IN |
| RX5G | Receiver 5 Geometry | 318 IN |
| RX6G | Receiver 6 Geometry | 324 IN |
| RX7G | Receiver 7 Geometry | 330 IN |
| RX8G | Receiver 8 Geometry | 336 IN |
| SAM2 | DSST Sonic Acquisition Mode 2 - Upper Dipole Mode | ODD |
| SAMX | DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert | OFF |
| SAS2 | STC Sonic Array Status - Upper Dipole | 255 |
| SBO2 | STC Search Band Offset - Upper Dipole | 3000 US |

| | | | |
|---------------------------------|--|------------|------|
| SBW2 | STC Search Bandwidth – Upper Dipole | 8000 | US |
| SFC2 | STC Formation Character – Upper Dipole | SELECTABLE | |
| SFM2 | STC Filter – Upper Dipole | B1–2K | |
| SLL2 | STC Slowness Lower Limit – Upper Dipole | 75 | US/F |
| SST2 | STC Slowness Step – Upper Dipole | 4 | US/F |
| SSW2 | STC Source Waveform – Upper Dipole | WF_SAM2 | |
| SUL2 | STC Slowness Upper Limit – Upper Dipole | 1200 | US/F |
| SWD2 | STC Slowness Width – Upper Dipole | 40 | US/F |
| TBF2 | STC Time for Baseline Fill – Upper Dipole | 0 | US |
| TLL2 | STC Time Lower Limit – Upper Dipole | 600 | US |
| TST2 | STC Time Step – Upper Dipole | 200 | US |
| TUL2 | STC Time Upper Limit – Upper Dipole | 20200 | US |
| TWD2 | STC Time Width – Upper Dipole | 2000 | US |
| TWI2 | STC Integration Time Window – Upper Dipole | 1600 | US |
| TWSX | Transmitter Waveform Select X | 0 | |
| UTXG | Upper Dipole Transmitter Geometry | 162 | IN |
| System and Miscellaneous | | | |
| BS | Bit Size | 9.875 | IN |
| DO | Depth Offset for Playback | -3688.5 | M |
| PP | Playback Processing | RECOMPUTE | |

Format: DSST_UPPER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 19-Mar-2015 14:37

OP System Version: 19C0-187

| | | | |
|---------|----------|--------|----------------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
| DSST-B | 19C0-187 | HNGC-B | 19C0-187 |
| HNGS-BA | 19C0-187 | EDTC-B | SKK-5169-EDTCB |

Input DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|----------|----------|
| DEFAULT | FMS_DSI_NGS_025LUP | FN:17 | PRODUCER | 17-Mar-2015 15:40 | 3904.5 M | 3810.8 M |
|---------|--------------------|-------|----------|-------------------|----------|----------|

Output DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|--|--|
| DEFAULT | FMS_DSI_NGS_043PUP | FN:34 | PRODUCER | 19-Mar-2015 14:37 | | |
|---------|--------------------|-------|----------|-------------------|--|--|



Lower Dipole Repeat

MAXIS Field Log

Input DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|----------|----------|
| DEFAULT | FMS_DSI_NGS_025LUP | FN:17 | PRODUCER | 17-Mar-2015 15:40 | 3904.5 M | 3810.8 M |
|---------|--------------------|-------|----------|-------------------|----------|----------|

Output DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|---------|---------|
| DEFAULT | FMS_DSI_NGS_043PUP | FN:34 | PRODUCER | 19-Mar-2015 14:37 | 214.9 M | 121.8 M |
|---------|--------------------|-------|----------|-------------------|---------|---------|

OP System Version: 19C0-187

| | | | |
|---------|----------|--------|----------------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
| DSST-B | 19C0-187 | HNGC-B | 19C0-187 |
| HNGS-BA | 19C0-187 | EDTC-B | SKK-5169-EDTCB |

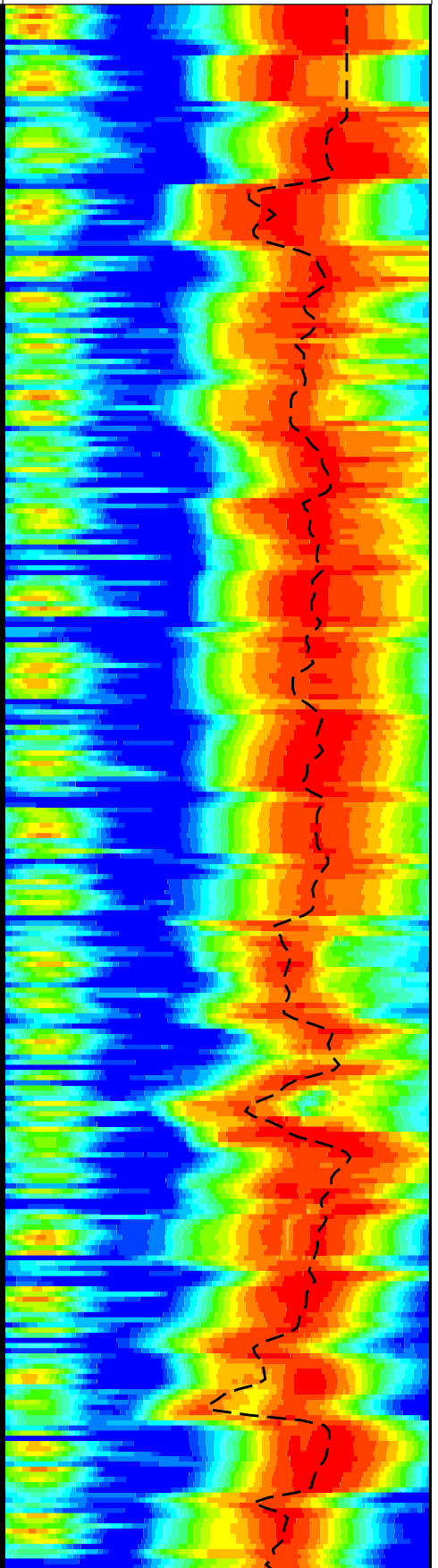
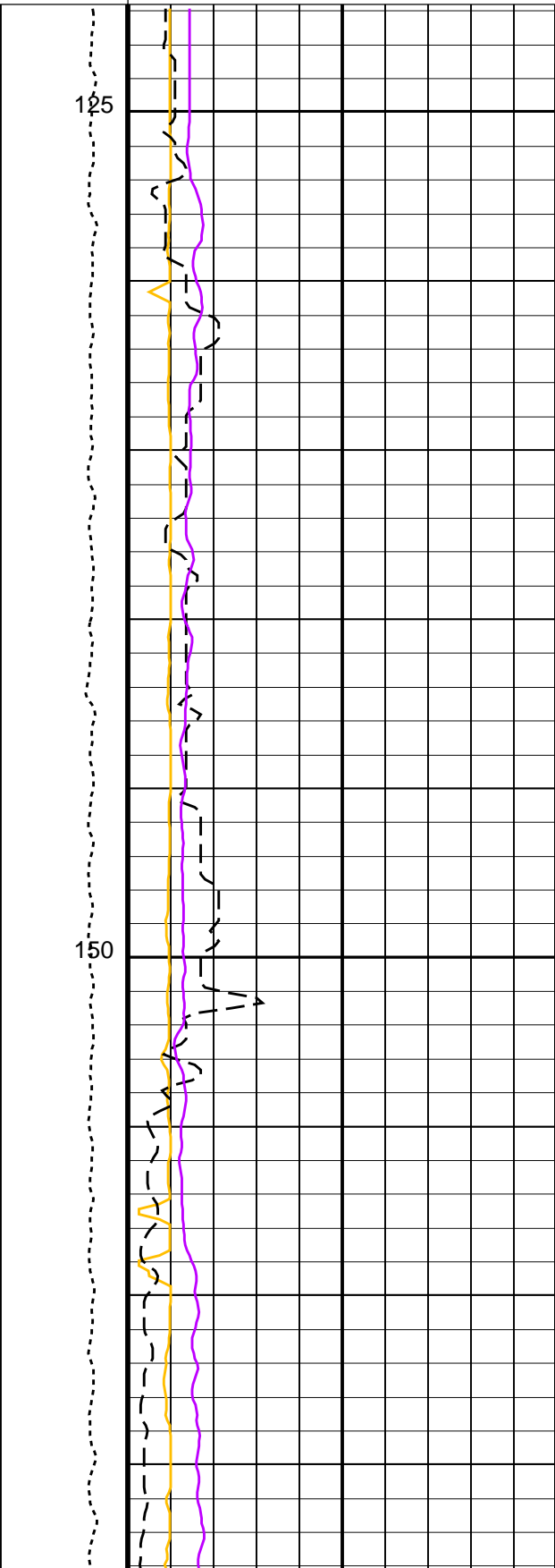
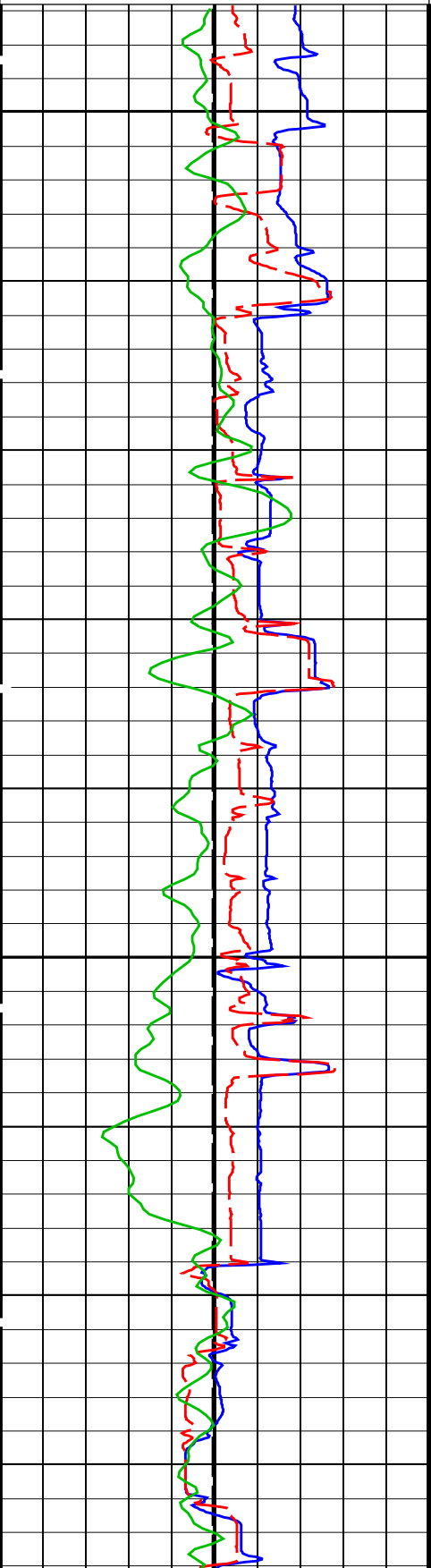
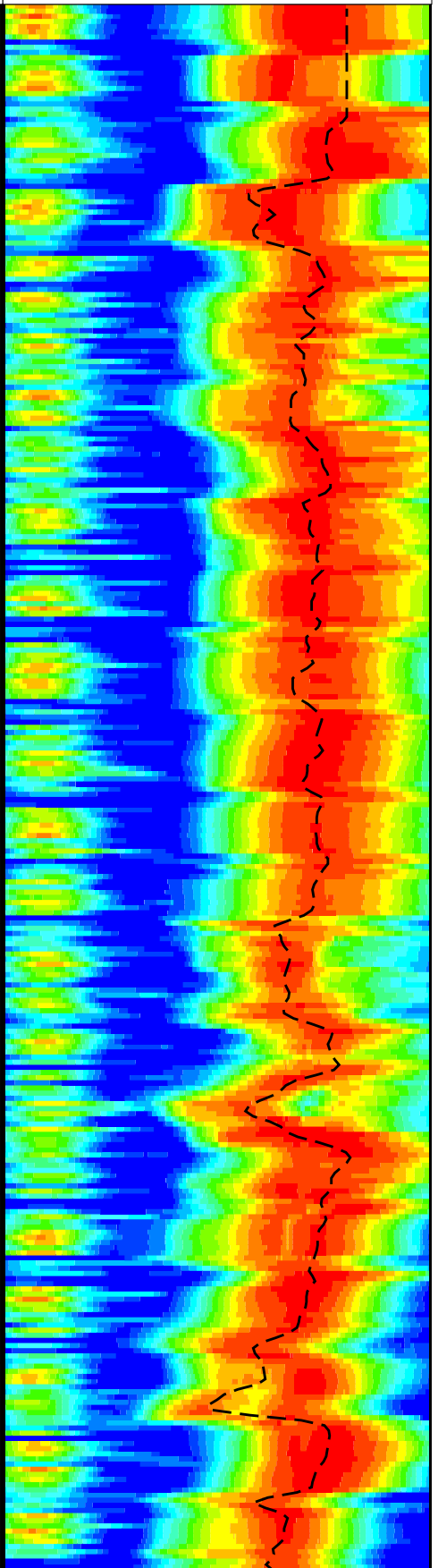
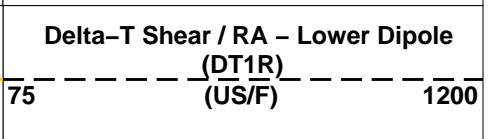
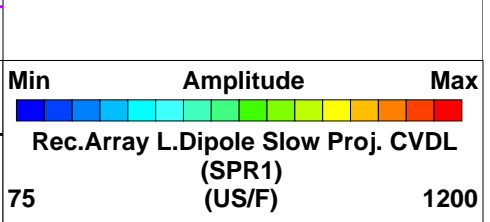
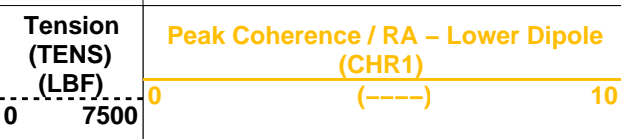
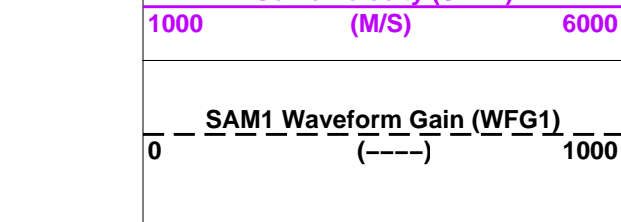
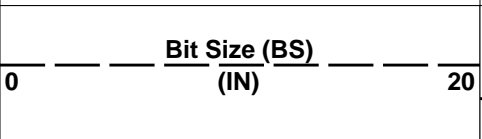
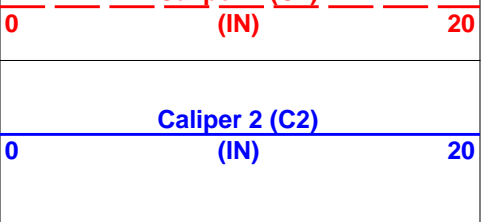
PIP SUMMARY

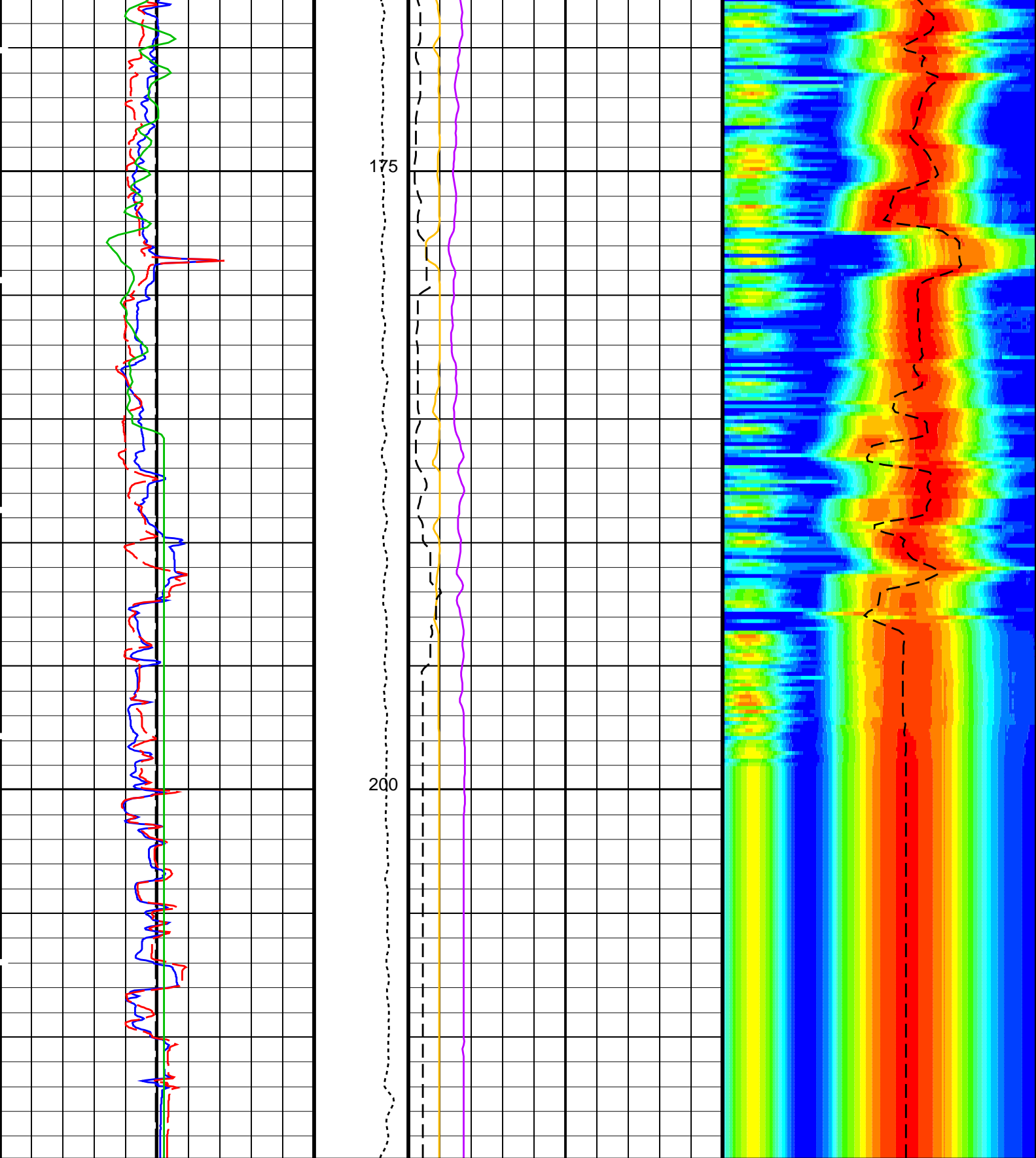
Time Mark Every 60 S

| | |
|---------------------|--|
| Gamma Ray (GR_EDTC) | |
| 0 (GAPI) 150 | |

Caliper 1 (C1)

Sonic Velocity (SVEL)





0 **Bit Size (BS)** (IN) 20

0 **Tension (TENS)** (LBF) 7500

0 **Peak Coherence / RA - Lower Dipole (CHR1)** (----) 10

75 **Delta-T Shear / RA - Lower Dipole (DT1R)** (US/F) 1200

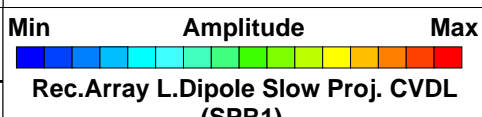
0 **Caliper 2 (C2)** (IN) 20

0 **SAM1 Waveform Gain (WFG1)** (----) 1000

75 **Rec.Array L.Dipole Slow Proj. CVDL (SPR1)** (US/F) 1200

Caliper 1 (C1)

Sonic Velocity (SVEL)



PIP SUMMARY

Time Mark Every 60 S

Parameters

| DLIS Name | Description | Value | |
|--|--|------------|------|
| DSST-B: Dipole Shear Imager - B | | | |
| DDE1 | Digitizing Delay 1 | 0 | US |
| DDEX | Digitizing Delay X | 0 | US |
| DLCS | Label Compressional Source - Dipole Shear | USE | |
| DSHL | Label Slowness Lower Limit - Dipole Shear | 220 | US/F |
| DSHU | Label Slowness Upper Limit - Dipole Shear | 1200 | US/F |
| DSI1 | Digitizer Sample Interval 1 | 40 | US |
| DSIX | Digitizer Sample Interval X | 40 | US |
| DTC5 | Compressional Delta-T Source for DTCO Channel | PS_COMP | |
| DWC1 | Digitizer Word Count 1 | 512 | |
| DWCX | Digitizer Word Count X | 512 | |
| LTXG | Lower Dipole Transmitter Geometry | 156 | IN |
| NW11 | Number Waveform Items 1 | 8 | |
| NW1X | Number Waveform Items X | 0 | |
| RX1G | Receiver 1 Geometry | 294 | IN |
| RX2G | Receiver 2 Geometry | 300 | IN |
| RX3G | Receiver 3 Geometry | 306 | IN |
| RX4G | Receiver 4 Geometry | 312 | IN |
| RX5G | Receiver 5 Geometry | 318 | IN |
| RX6G | Receiver 6 Geometry | 324 | IN |
| RX7G | Receiver 7 Geometry | 330 | IN |
| RX8G | Receiver 8 Geometry | 336 | IN |
| SAM1 | DSST Sonic Acquisition Mode 1 - Lower Dipole Mode | LFD_EVEN | |
| SAMX | DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert | OFF | |
| SAS1 | STC Sonic Array Status - Lower Dipole | 255 | |
| SBO1 | STC Search Band Offset - Lower Dipole | 3000 | US |
| SBW1 | STC Search Bandwidth - Lower Dipole | 8000 | US |
| SFC1 | STC Formation Character - Lower Dipole | SELECTABLE | |
| SFM1 | STC Filter - Lower Dipole | B.3-1.5K | |
| SLL1 | STC Slowness Lower Limit - Lower Dipole | 75 | US/F |
| SST1 | STC Slowness Step - Lower Dipole | 4 | US/F |
| SSW1 | STC Source Waveform - Lower Dipole | WF_SAM1 | |
| SUL1 | STC Slowness Upper Limit - Lower Dipole | 1200 | US/F |
| SWD1 | STC Slowness Width - Lower Dipole | 40 | US/F |
| TBF1 | STC Time for Baseline Fill - Lower Dipole | 0 | US |
| TLL1 | STC Time Lower Limit - Lower Dipole | 600 | US |
| TST1 | STC Time Step - Lower Dipole | 200 | US |
| TUL1 | STC Time Upper Limit - Lower Dipole | 20440 | US |
| TWD1 | STC Time Width - Lower Dipole | 2000 | US |
| TWI1 | STC Integration Time Window - Lower Dipole | 1600 | US |
| TWSX | Transmitter Waveform Select X | 0 | |
| WFM1 | Waveform Mode 1 | W1 | |
| System and Miscellaneous | | | |
| BS | Bit Size | 9.875 | IN |
| DO | Depth Offset for Playback | -3688.5 | M |
| PP | Playback Processing | RECOMPUTE | |

Format: DSST_LOWER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 19-Mar-2015 14:37

OP System Version: 19C0-187

| | | | |
|---------|----------|--------|----------------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
| DSST-B | 19C0-187 | HNGC-B | 19C0-187 |
| HNGS-BA | 19C0-187 | EDTC-B | SKK-5169-EDTCB |

Input DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|----------|----------|
| DEFAULT | FMS_DSI_NGS_025LUP | FN:17 | PRODUCER | 17-Mar-2015 15:40 | 3904.5 M | 3810.8 M |
|---------|--------------------|-------|----------|-------------------|----------|----------|

Output DLIS Files

| | | | | |
|---------|--------------------|-------|----------|-------------------|
| DEFAULT | FMS_DSI_NGS_043PUP | FN:34 | PRODUCER | 19-Mar-2015 14:37 |
|---------|--------------------|-------|----------|-------------------|

Company: Integrated Ocean Discovery Program

Well: Expedition 354, Site U1453A

Input DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|----------|----------|
| DEFAULT | FMS_DSI_NGS_025LUP | FN:17 | PRODUCER | 17-Mar-2015 15:40 | 3904.5 M | 3810.8 M |
|---------|--------------------|-------|----------|-------------------|----------|----------|

Output DLIS Files

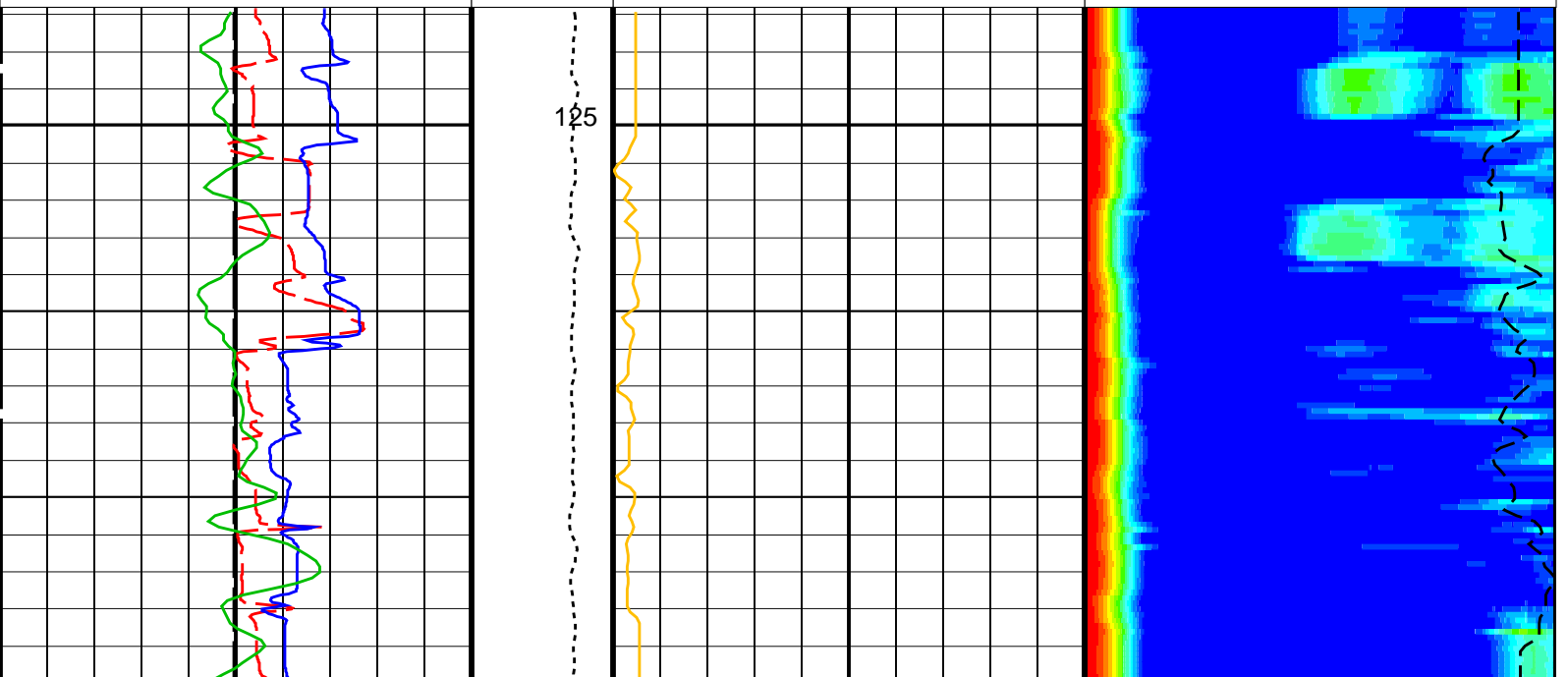
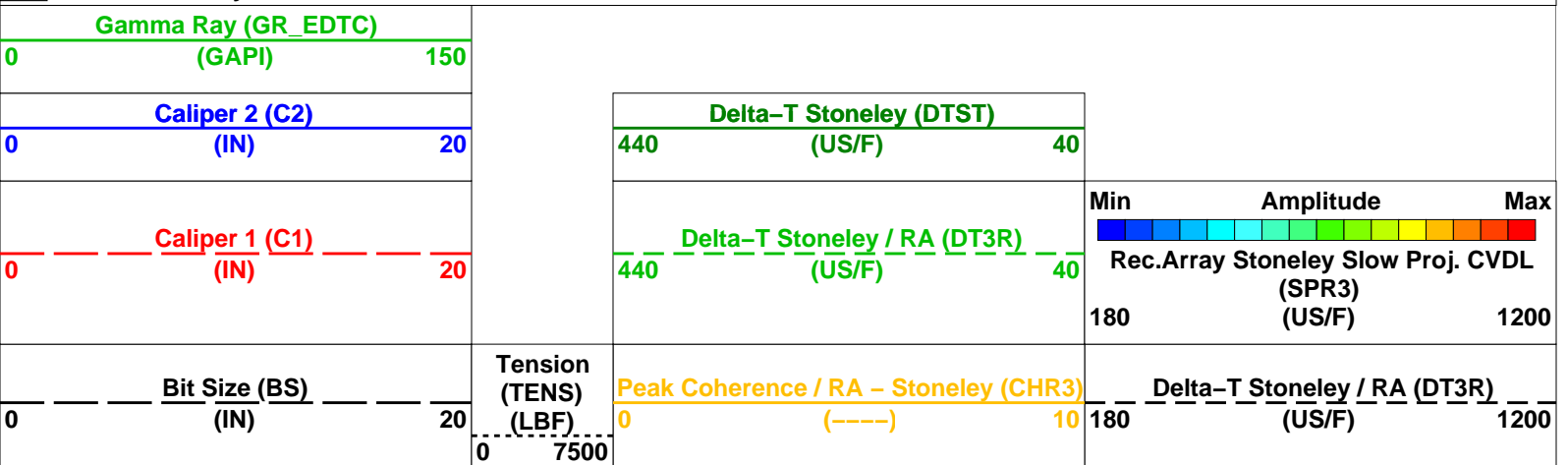
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|---------|--------------------|-------|----------|-------------------|---------|---------|
| DEFAULT | FMS_DSI_NGS_043PUP | FN:34 | PRODUCER | 19-Mar-2015 14:37 | 214.9 M | 121.8 M |
|---------|--------------------|-------|----------|-------------------|---------|---------|

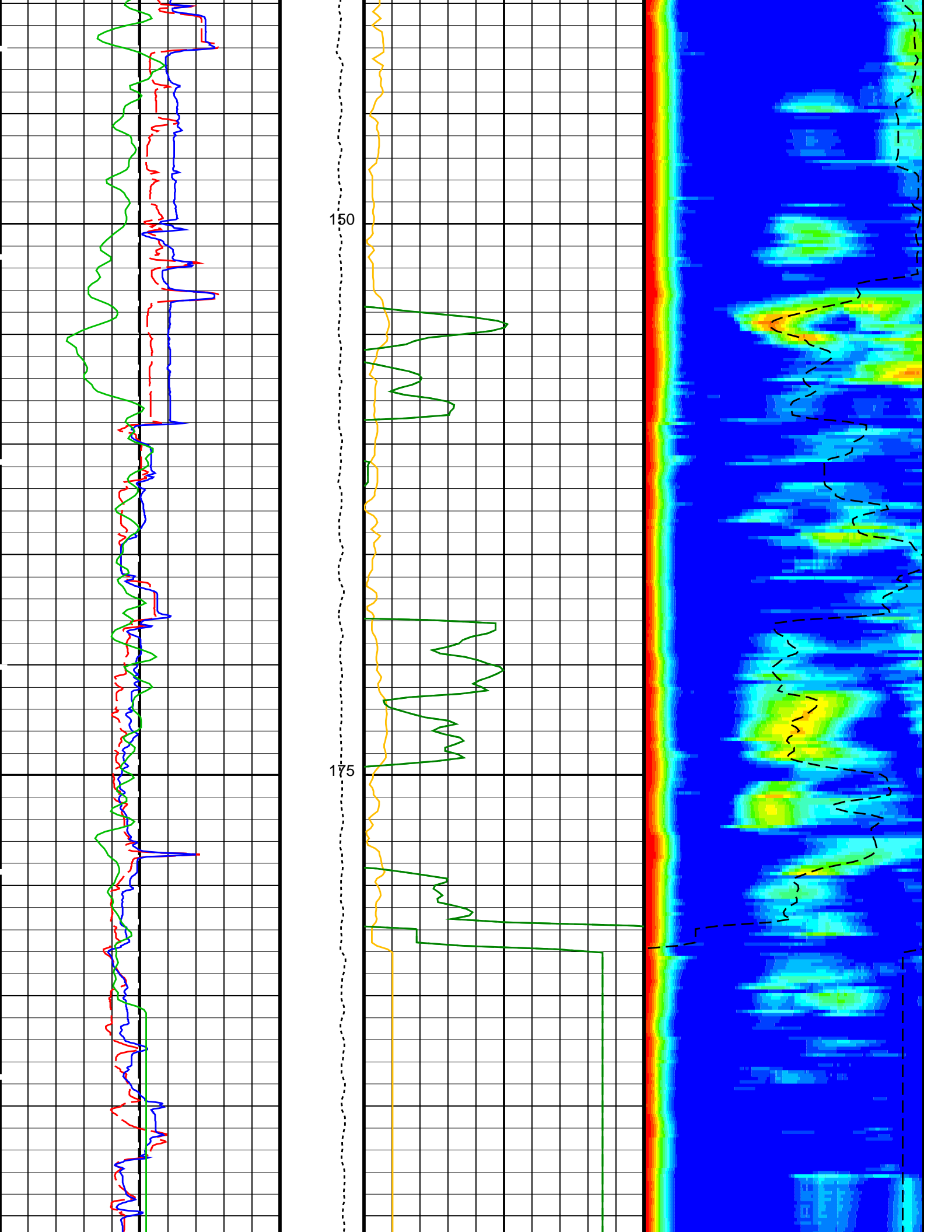
OP System Version: 19C0-187

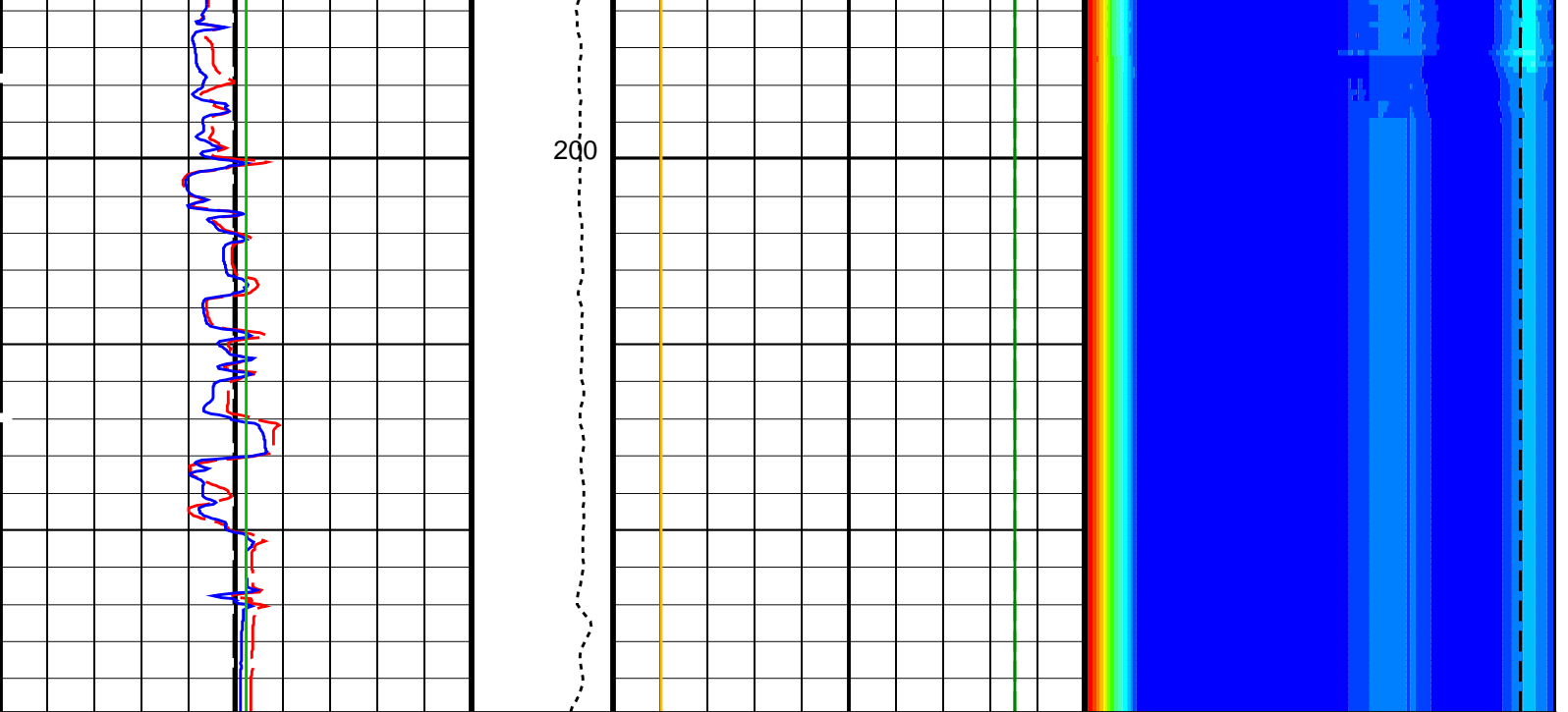
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|---------|----------|--------|----------------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
| DSST-B | 19C0-187 | HNGC-B | 19C0-187 |
| HNGS-BA | 19C0-187 | EDTC-B | SKK-5169-EDTCB |

PIP SUMMARY

Time Mark Every 60 S







| | | | |
|-------------------------------|----------------------------|---|---|
| Bit Size (BS) (IN) | Tension (TENS) (LBF) | Peak Coherence / RA - Stoneley (CHR3) (----) | Delta-T Stoneley / RA (DT3R) (US/F) |
| 0 20 | 0 7500 | 0 10 | 180 1200 |
| Caliper 1 (C1) (IN) | | Delta-T Stoneley / RA (DT3R) (US/F) | Min Amplitude Max Rec.Array Stoneley Slow Proj. CVDL (SPR3) (US/F) |
| 0 20 | | 440 40 | 180 1200 |
| Caliper 2 (C2) (IN) | | Delta-T Stoneley (DTST) (US/F) | |
| 0 20 | | 440 40 | |
| Gamma Ray (GR_EDTC) (GAPI) | | | |
| 0 150 | | | |

PIP SUMMARY

Time Mark Every 60 S

Parameters

| DLIS Name | Description | Value |
|---------------------------------|--|------------|
| DSST-B: Dipole Shear Imager - B | | |
| DDE3 | Digitizing Delay 3 | 0 US |
| DDEX | Digitizing Delay X | 0 US |
| DSI3 | Digitizer Sample Interval 3 | 40 US |
| DSIX | Digitizer Sample Interval X | 40 US |
| DTC3 | Compressional Delta-T Source for DTCO Channel | PS_COMP |
| DWC3 | Digitizer Word Count 3 | 512 |
| DWCX | Digitizer Word Count X | 512 |
| MTXG | Monopole Transmitter Geometry | 186 IN |
| NWI3 | Number Waveform Items 3 | 8 |
| NWIX | Number Waveform Items X | 0 |
| RX1G | Receiver 1 Geometry | 294 IN |
| RX2G | Receiver 2 Geometry | 300 IN |
| RX3G | Receiver 3 Geometry | 306 IN |
| RX4G | Receiver 4 Geometry | 312 IN |
| RX5G | Receiver 5 Geometry | 318 IN |
| RX6G | Receiver 6 Geometry | 324 IN |
| RX7G | Receiver 7 Geometry | 330 IN |
| RX8G | Receiver 8 Geometry | 336 IN |
| SAM3 | DSST Sonic Acquisition Mode 3 - Monopole Mode for Stoneley | ODD |
| SAMX | DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert | OFF |
| SAS3 | STC Sonic Array Status - Monopole Stoneley | 255 |
| SBO3 | STC Search Band Offset - Monopole Stoneley | 2000 US |
| SBW3 | STC Search Bandwidth - Monopole Stoneley | 6000 US |
| SFC3 | STC Formation Character - Monopole Stoneley | SELECTABLE |
| SFM3 | STC Filter - Monopole Stoneley | B.5-1.5K |
| SLI2 | STC Slowness Lower Limit - Monopole Stoneley | 100 US/F |

| | | | |
|---------------------------------|---|-----------|------|
| SLL3 | STC Slowness Lower Limit - Monopole Stoneley | 180 | US/F |
| SST3 | STC Slowness Step - Monopole Stoneley | 4 | US/F |
| SSW3 | STC Source Waveform - Monopole Stoneley | WF_SAM3 | |
| STLL | Label Slowness Lower Limit - Monopole Stoneley | 300 | US/F |
| STUL | Label Slowness Upper Limit - Monopole Stoneley | 1200 | US/F |
| SUL3 | STC Slowness Upper Limit - Monopole Stoneley | 1200 | US/F |
| SWD3 | STC Slowness Width - Monopole Stoneley | 40 | US/F |
| TBF3 | STC Time for Baseline Fill - Monopole Stoneley | 0 | US |
| TLL3 | STC Time Lower Limit - Monopole Stoneley | 620 | US |
| TST3 | STC Time Step - Monopole Stoneley | 200 | US |
| TUL3 | STC Time Upper Limit - Monopole Stoneley | 15800 | US |
| TWD3 | STC Time Width - Monopole Stoneley | 2000 | US |
| TWI3 | STC Integration Time Window - Monopole Stoneley | 1600 | US |
| TWSX | Transmitter Waveform Select X | 0 | |
| System and Miscellaneous | | | |
| BS | Bit Size | 9.875 | IN |
| DO | Depth Offset for Playback | -3688.5 | M |
| PP | Playback Processing | RECOMPUTE | |

Format: DSST_STONELEY_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 19-Mar-2015 14:37

OP System Version: 19C0-187

| | | | |
|---------|----------|--------|----------------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
| DSST-B | 19C0-187 | HNGC-B | 19C0-187 |
| HNGS-BA | 19C0-187 | EDTC-B | SKK-5169-EDTCB |

Input DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|----------|----------|
| DEFAULT | FMS_DSI_NGS_025LUP | FN:17 | PRODUCER | 17-Mar-2015 15:40 | 3904.5 M | 3810.8 M |
|---------|--------------------|-------|----------|-------------------|----------|----------|

Output DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|--|--|
| DEFAULT | FMS_DSI_NGS_043PUP | FN:34 | PRODUCER | 19-Mar-2015 14:37 | | |
|---------|--------------------|-------|----------|-------------------|--|--|



MAXIS Field Log

Company: Integrated Ocean Discovery Program Well: Expedition 354, Site U1453A

Input DLIS Files

| | | | | | | |
|---------|-------------------------|--|----------|-------------------|----------|----------|
| DEFAULT | Flip_FMS_DSI_NGS_044LUP | | PRODUCER | 19-Mar-2015 14:39 | 3872.1 M | 3646.2 M |
|---------|-------------------------|--|----------|-------------------|----------|----------|

Output DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|---------|---------|
| DEFAULT | FMS_DSI_NGS_045PUP | FN:35 | PRODUCER | 19-Mar-2015 14:40 | 182.0 M | -22.6 M |
|---------|--------------------|-------|----------|-------------------|---------|---------|

OP System Version: 19C0-187


| | | | |
|---------|----------|--------|----------------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
| DSST-B | 19C0-187 | HNGC-B | 19C0-187 |
| HNGS-BA | 19C0-187 | EDTC-B | SKK-5169-EDTCB |

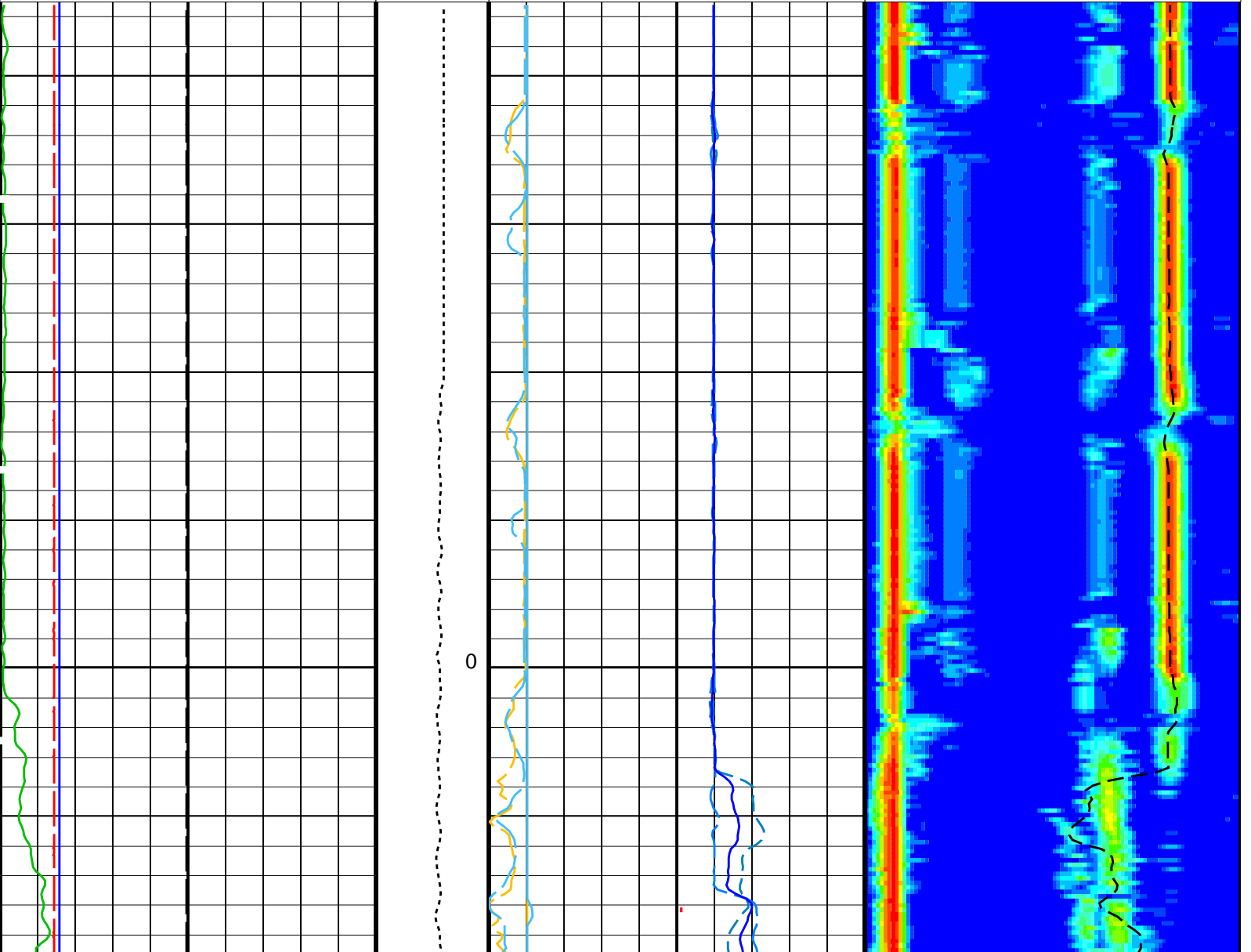
PIP SUMMARY

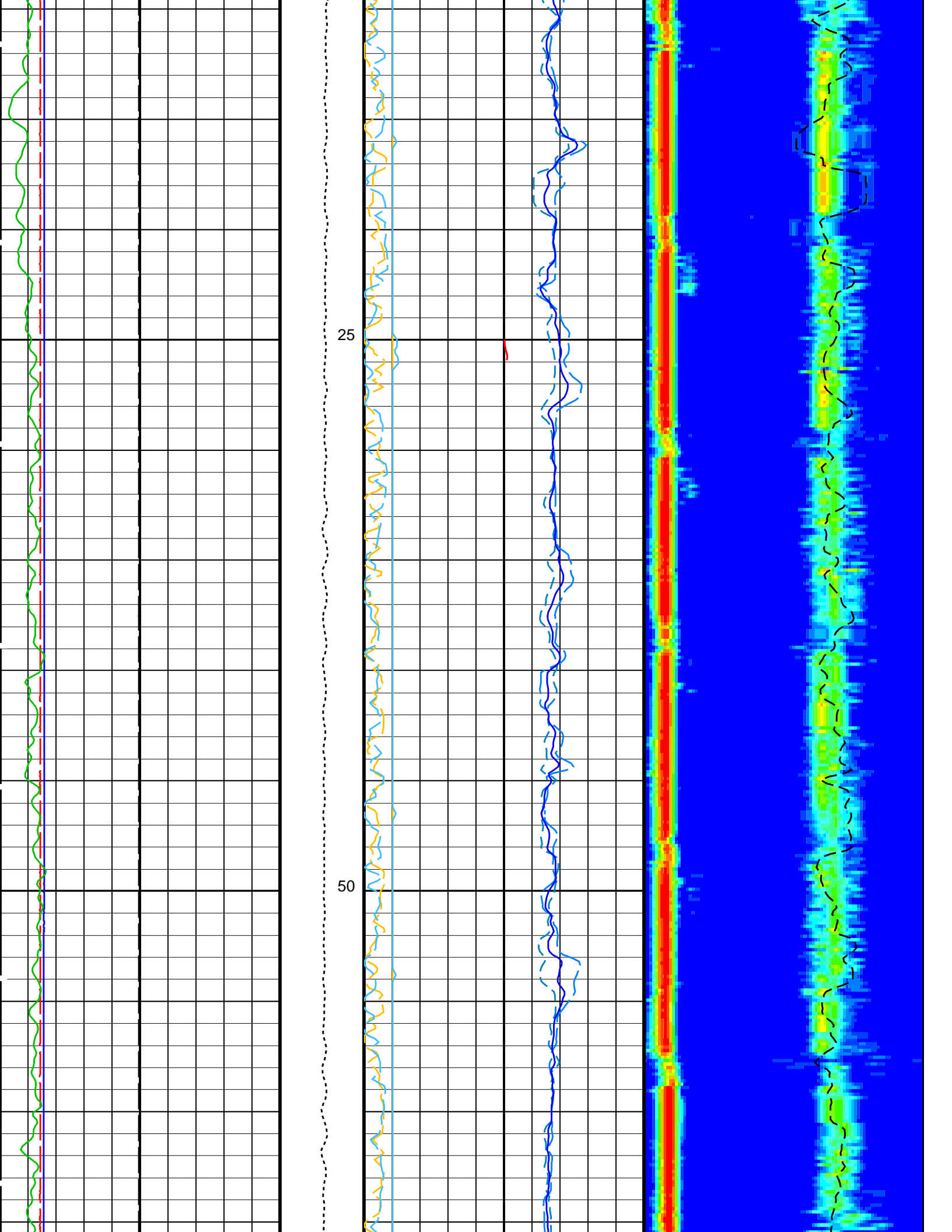
Time Mark Every 60 S

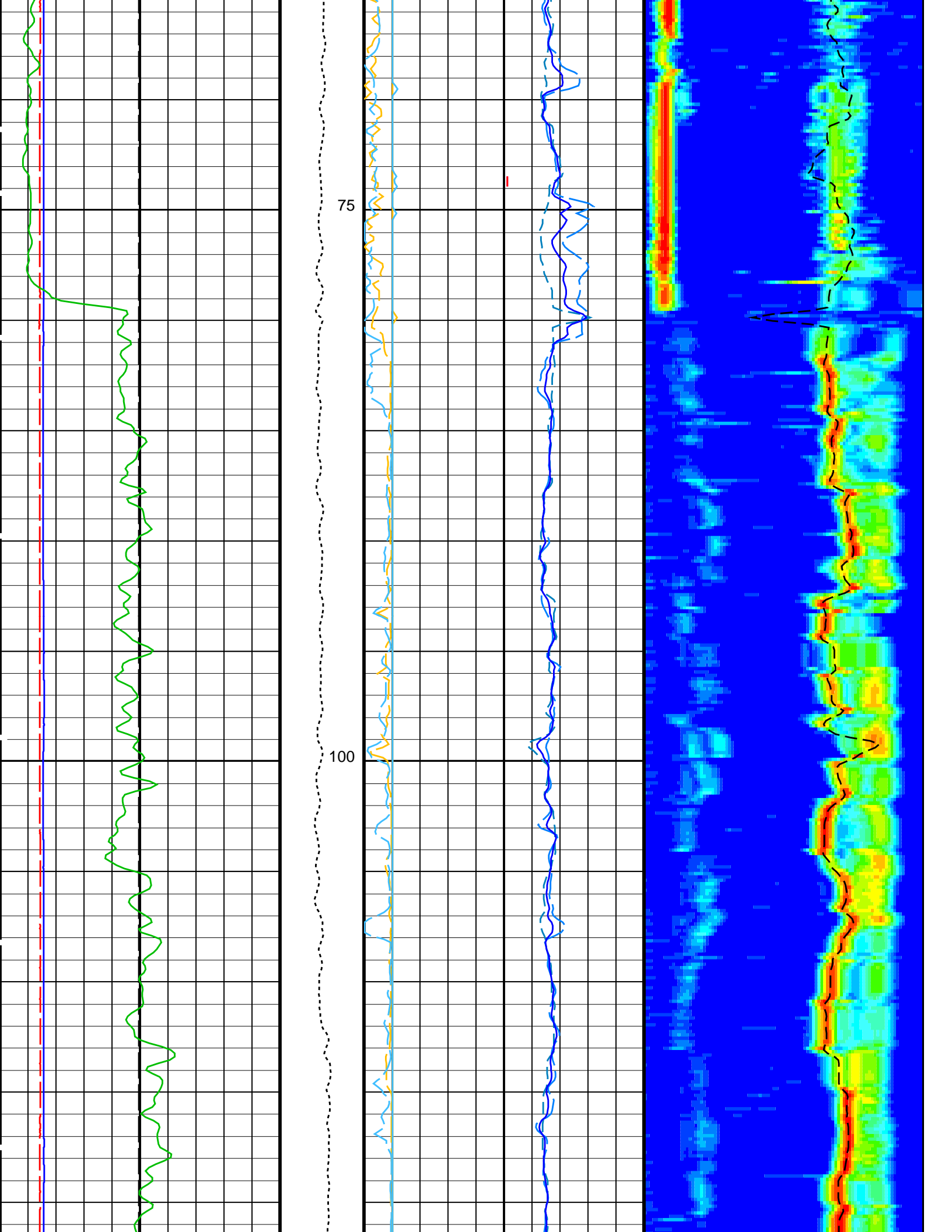
| | | |
|------------------------------|--------|----|
| Delta-T Shear - P & S (DT4S) | | |
| 440 | (US/F) | 40 |

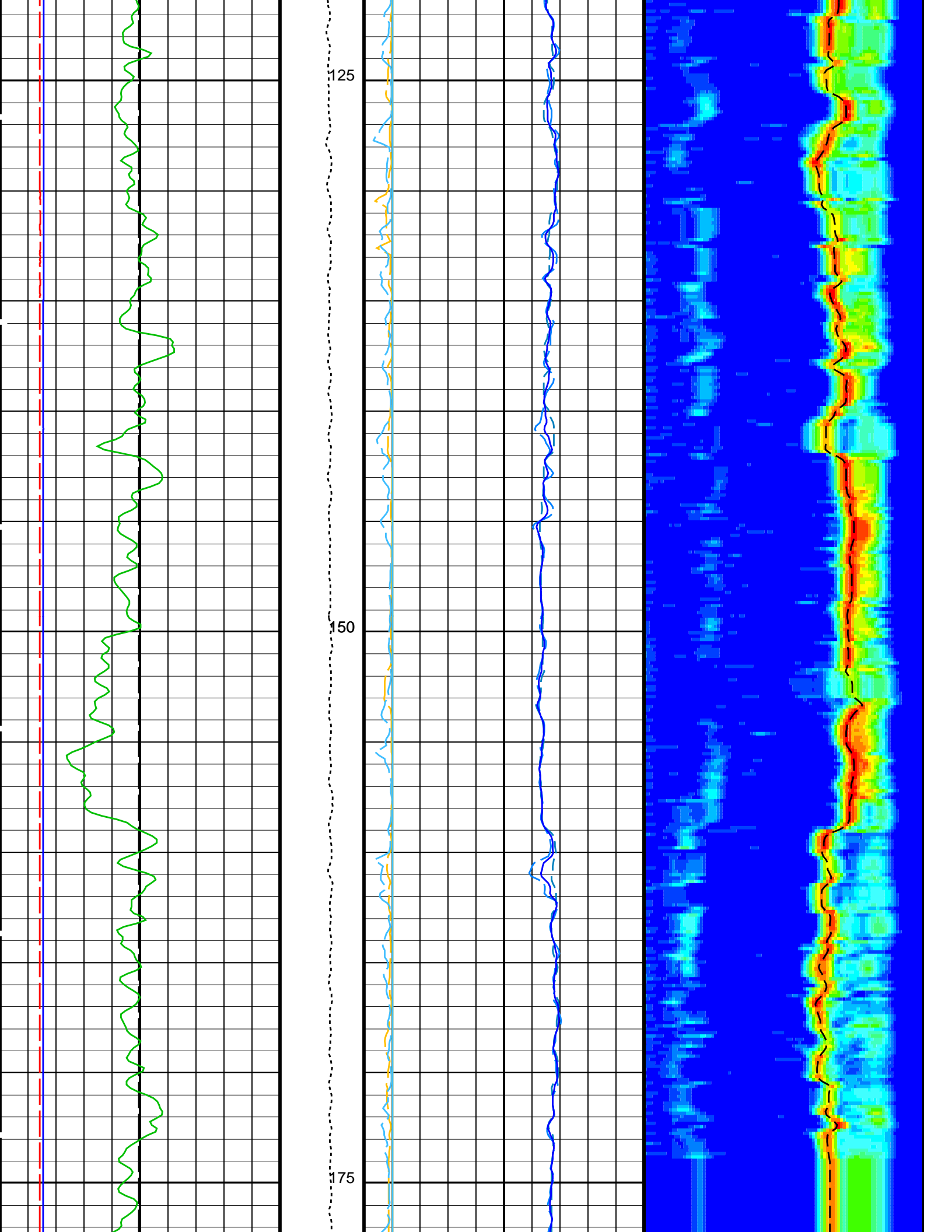
| | | |
|-----------------------------------|--------|----|
| Delta-T Shear / TA - P & S (DTTS) | | |
| 440 | (US/F) | 40 |

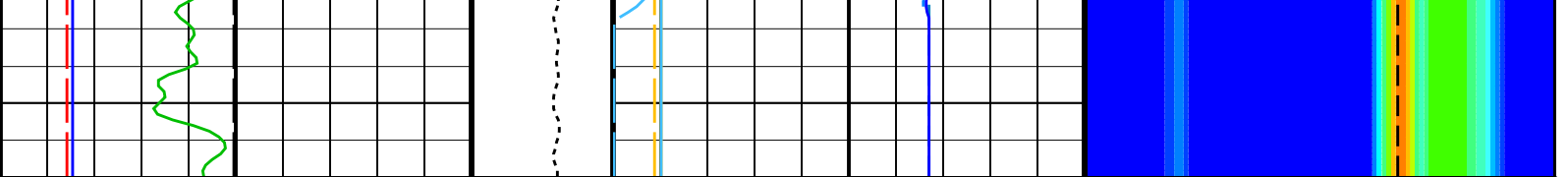
| | | | | |
|--------------------------------------|--------------------------------|-----|--|--|
| | | | $\frac{\text{Delta-T Shear / RA - P \& S (DTRS)}}{440 \text{ (US/F)} 40}$ | |
| | | | $\frac{\text{Delta-T Comp - P \& S (DT4P)}}{440 \text{ (US/F)} 40}$ | |
| | | | $\frac{\text{Delta-T Comp / TA - P \& S (DTTP)}}{440 \text{ (US/F)} 40}$ | |
| | | | $\frac{\text{Delta-T Comp / RA - P \& S (DTRP)}}{440 \text{ (US/F)} 40}$ | |
| Gamma Ray (GR_EDTC) (GAPI) | 0 | 150 | $\frac{\text{Peak Coherence / TA - P \& S Shear (CHTS)}}{-1 \text{ (----)} 9}$ | |
| Caliper 2 (C2) (IN) | 0 | 20 | $\frac{\text{Peak Coherence / RA - P \& S Shear (CHRS)}}{-1 \text{ (----)} 9}$ | Min  Max Rec.Array P&S Slow Proj. CVDL (SPR4) 40 (US/F) 240 |
| Caliper 1 (C1) (IN) | 0 | 20 | $\frac{\text{Peak Coherence / TA - P \& S Comp (CHTP)}}{0 \text{ (----)} 10}$ | $\frac{\text{Delta-T Shear / RA - P \& S (DTRS)}}{40 \text{ (US/F)} 240}$ |
| Bit Size (BS) (IN) | 0 | 20 | $\frac{\text{Peak Coherence / RA - P \& S Comp (CHRP)}}{0 \text{ (----)} 10}$ | $\frac{\text{Delta-T Comp / RA - P \& S (DTRP)}}{40 \text{ (US/F)} 240}$ |
| | Tension (TENS) (LBF) | 0 | 7500 | |











| | | | |
|-------------------------------|----------------------------|---|---|
| Bit Size (BS) (IN) | Tension (TENS) (LBF) | Peak Coherence / RA - P & S Comp (CHRP) | Delta-T Comp / RA - P & S (DTRP) |
| 0 --- 20 | 0 --- 7500 | 0 --- 10 | 40 --- 240 |
| Caliper 1 (C1) (IN) | | Peak Coherence / TA - P & S Comp (CHTP) | Delta-T Shear / RA - P & S (DTRS) |
| 0 --- 20 | | 0 --- 10 | 40 --- 240 |
| Caliper 2 (C2) (IN) | | Peak Coherence / RA - P & S Shear (CHRS) | Min Amplitude Max Rec.Array P&S Slow Proj. CVDL (SPR4) (US/F) |
| 0 --- 20 | | -1 --- 9 | 40 --- 240 |
| Gamma Ray (GR_EDTC) (GAPI) | | Peak Coherence / TA - P & S Shear (CHTS) | |
| 0 --- 150 | | -1 --- 9 | |
| | | Delta-T Comp / RA - P & S (DTRP) | |
| | | 440 --- 40 | |
| | | Delta-T Comp / TA - P & S (DTTP) | |
| | | 440 --- 40 | |
| | | Delta-T Comp - P & S (DT4P) | |
| | | 440 --- 40 | |
| | | Delta-T Shear / RA - P & S (DTRS) | |
| | | 440 --- 40 | |
| | | Delta-T Shear / TA - P & S (DTTS) | |
| | | 440 --- 40 | |
| | | Delta-T Shear - P & S (DT4S) | |
| | | 440 --- 40 | |

PIP SUMMARY

Time Mark Every 60 S

Parameters

| DLIS Name | Description | Value |
|---------------------------------|---|------------|
| DSST-B: Dipole Shear Imager - B | | |
| BHS | Borehole Status | OPEN |
| CASF | Label Casing Function - Monopole P&S | 50 |
| COLL | Label Slowness Lower Limit - Monopole P&S Compressional | 100 US/F |
| COUL | Label Slowness Upper Limit - Monopole P&S Compressional | 209 US/F |
| DDE4 | Digitizing Delay 4 | 0 US |
| DDEX | Digitizing Delay X | 0 US |
| DSI4 | Digitizer Sample Interval 4 | 10 US |
| DSIX | Digitizer Sample Interval X | 40 US |
| DTF | Delta-T Fluid | 210 US/F |
| DWC4 | Digitizer Word Count 4 | 512 |
| DWCX | Digitizer Word Count X | 512 |
| FILG | Label Fill Gap Control - Monopole P&S | COMP |
| LFC | Label Formation Character - Monopole P&S | COMP_FIRST |
| MCS | Mean Casing Slowness | 57 US/F |
| MTXG | Monopole Transmitter Geometry | 186 IN |
| NWI4 | Number Waveform Items 4 | 8 |
| NWIX | Number Waveform Items X | 0 |
| RSMN | Label Shear/Compressional Minimum Ratio - Monopole P&S | 1.4 |
| RSMX | Label Shear/Compressional Maximum Ratio - Monopole P&S | 2.12 |
| RX1G | Receiver 1 Geometry | 294 IN |
| RX2G | Receiver 2 Geometry | 300 IN |
| RX3G | Receiver 3 Geometry | 306 IN |
| RX4G | Receiver 4 Geometry | 312 IN |
| RX5G | Receiver 5 Geometry | 318 IN |
| RX6G | Receiver 6 Geometry | 324 IN |
| RX7G | Receiver 7 Geometry | 330 IN |

| | | | |
|------|--|------------|------|
| RX8G | Receiver Geometry | 336 | IN |
| SAM4 | DSST Sonic Acquisition Mode 4 – Monopole Mode for P&S | EVEN | |
| SAMX | DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert | OFF | |
| SAS4 | STC Sonic Array Status – Monopole P&S | 255 | |
| SBO4 | STC Search Band Offset – Monopole P&S | 500 | US |
| SBR4 | STC Baseline Removal – Monopole P&S | ON | |
| SBW4 | STC Search Bandwidth – Monopole P&S | 2000 | US |
| SFC4 | STC Formation Character – Monopole P&S | SELECTABLE | |
| SFM4 | STC Filter – Monopole P&S | B3–20K | |
| SHLL | Label Slowness Lower Limit – Monopole P&S Shear | 235 | US/F |
| SHUL | Label Slowness Upper Limit – Monopole P&S Shear | 240 | US/F |
| SLL4 | STC Slowness Lower Limit – Monopole P&S | 40 | US/F |
| SST4 | STC Slowness Step – Monopole P&S | 2 | US/F |
| SSW4 | STC Source Waveform – Monopole P&S | WF_SAM4 | |
| STLL | Label Slowness Lower Limit – Monopole Stoneley | 300 | US/F |
| STUL | Label Slowness Upper Limit – Monopole Stoneley | 1200 | US/F |
| SUL4 | STC Slowness Upper Limit – Monopole P&S | 240 | US/F |
| SWD4 | STC Slowness Width – Monopole P&S | 10 | US/F |
| TBF4 | STC Time for Baseline Fill – Monopole P&S | 300 | US |
| TLL4 | STC Time Lower Limit – Monopole P&S | 150 | US |
| TST4 | STC Time Step – Monopole P&S | 50 | US |
| TUL4 | STC Time Upper Limit – Monopole P&S | 3660 | US |
| TWD4 | STC Time Width – Monopole P&S | 1000 | US |
| TWI4 | STC Integration Time Window – Monopole P&S | 500 | US |
| TWSX | Transmitter Waveform Select X | 0 | |
| BHS | HNGS–BA: Hostile Natural Gamma Ray Sonde Borehole Status | OPEN | |
| BHS | EDTC–B: Enhanced DTS Cartridge Borehole Status | OPEN | |
| BS | System and Miscellaneous Bit Size | 9.875 | IN |
| DO | Depth Offset for Playback | –3690.0 | M |
| PP | Playback Processing | RECOMPUTE | |

Format: DSST_P_S_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 19–Mar–2015 14:40

OP System Version: 19C0–187

| | | | |
|---------|----------|--------|----------------|
| MEST–B | 19C0–187 | DTA–A | 8453 |
| DSST–B | 19C0–187 | HNGC–B | 19C0–187 |
| HNGS–BA | 19C0–187 | EDTC–B | SKK–5169–EDTCB |

Input DLIS Files

| | | | | | |
|---------|-------------------------|----------|-------------------|----------|----------|
| DEFAULT | Flip_FMS_DSI_NGS_044LUP | PRODUCER | 19–Mar–2015 14:39 | 3872.1 M | 3646.2 M |
|---------|-------------------------|----------|-------------------|----------|----------|

Output DLIS Files

| | | | | |
|---------|--------------------|-------|----------|-------------------|
| DEFAULT | FMS_DSI_NGS_045PUP | FN:35 | PRODUCER | 19–Mar–2015 14:40 |
|---------|--------------------|-------|----------|-------------------|



Upper Dipole Downlog

MAXIS Field Log

Input DLIS Files

| | | | | | |
|---------|-------------------------|----------|-------------------|----------|----------|
| DEFAULT | Flip_FMS_DSI_NGS_044LUP | PRODUCER | 19–Mar–2015 14:39 | 3872.1 M | 3646.2 M |
|---------|-------------------------|----------|-------------------|----------|----------|

Output DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|---------|---------|
| DEFAULT | FMS_DSI_NGS_045PUP | FN:35 | PRODUCER | 19–Mar–2015 14:40 | 182.0 M | –22.6 M |
|---------|--------------------|-------|----------|-------------------|---------|---------|

OP System Version: 19C0–187

MEST-B 19C0-187
 DSST-B 19C0-187
 HNGS-BA 19C0-187

DTA-A
 HNGC-B
 EDTC-B

8453
 19C0-187
 SKK-5169-EDTCB

PIP SUMMARY

Time Mark Every 60 S

Gamma Ray (GR_EDTC)
 (GAPI) 0 150

Caliper 2 (C2)
 (IN) 0 20

Caliper 1 (C1)
 (IN) 0 20

Bit Size (BS)
 (IN) 0 20

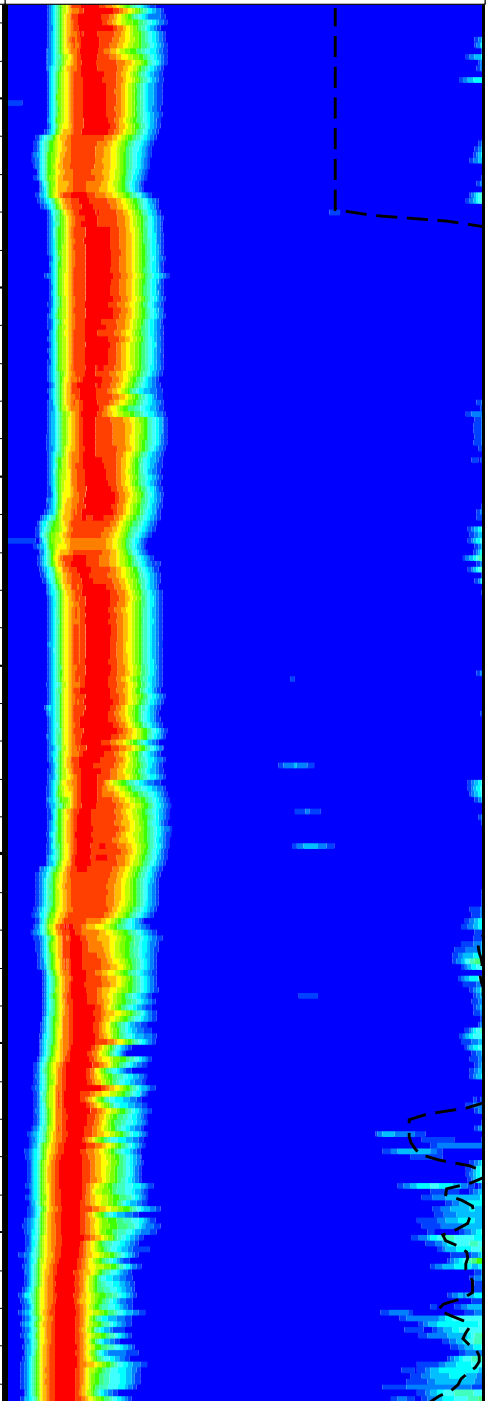
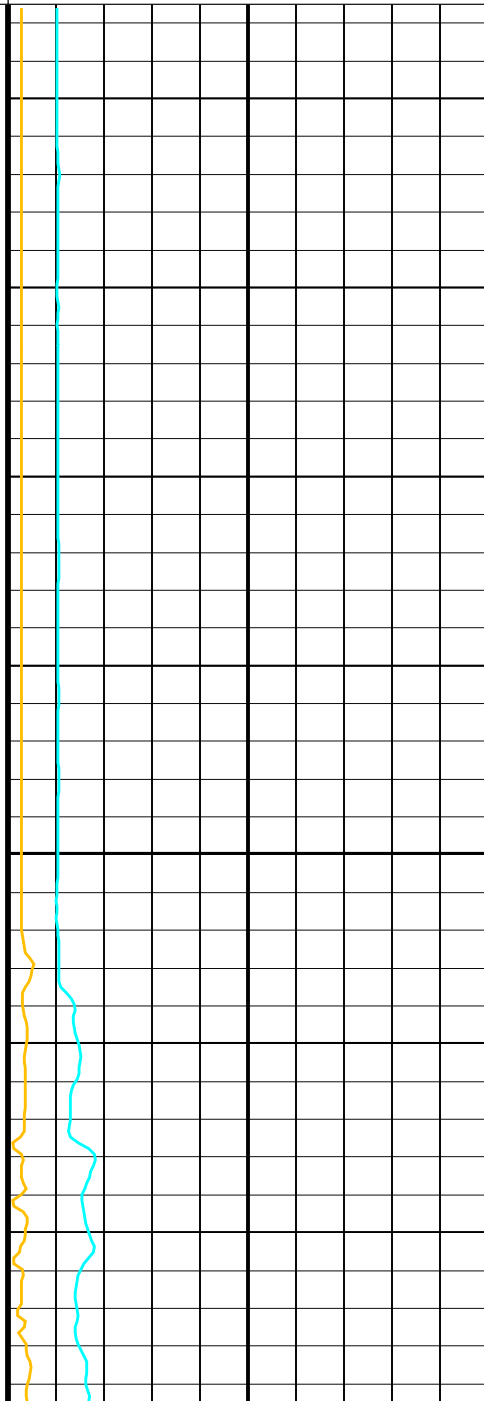
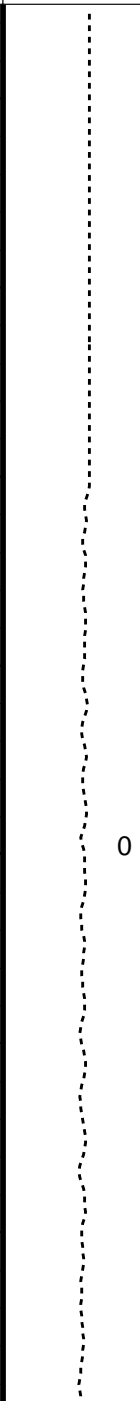
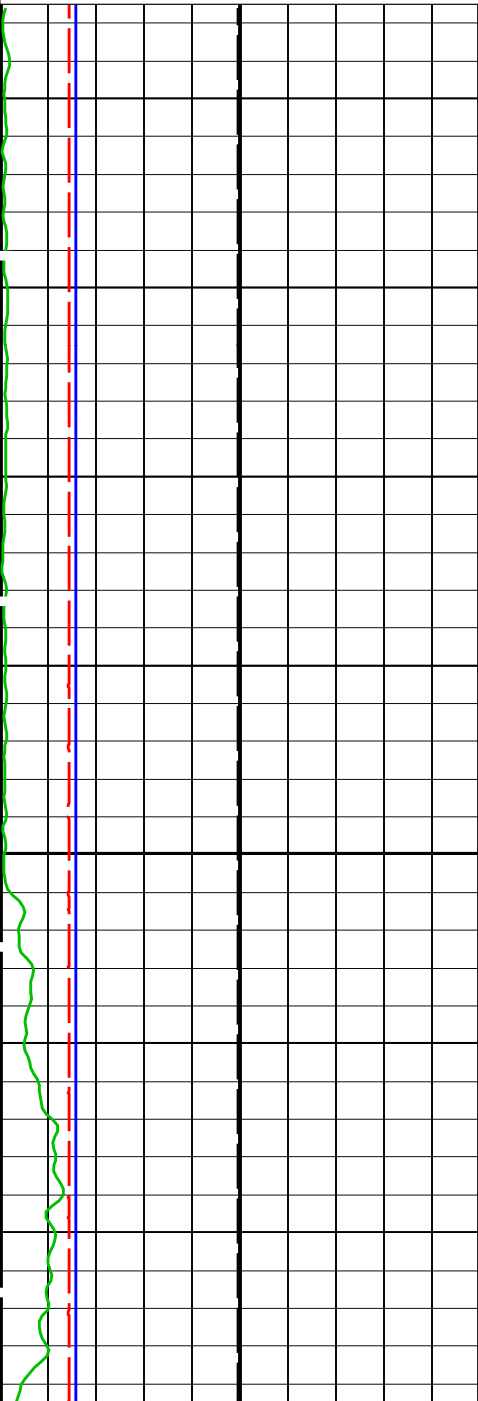
Sonic Velocity (SVEL)
 (M/S) 1000 6000

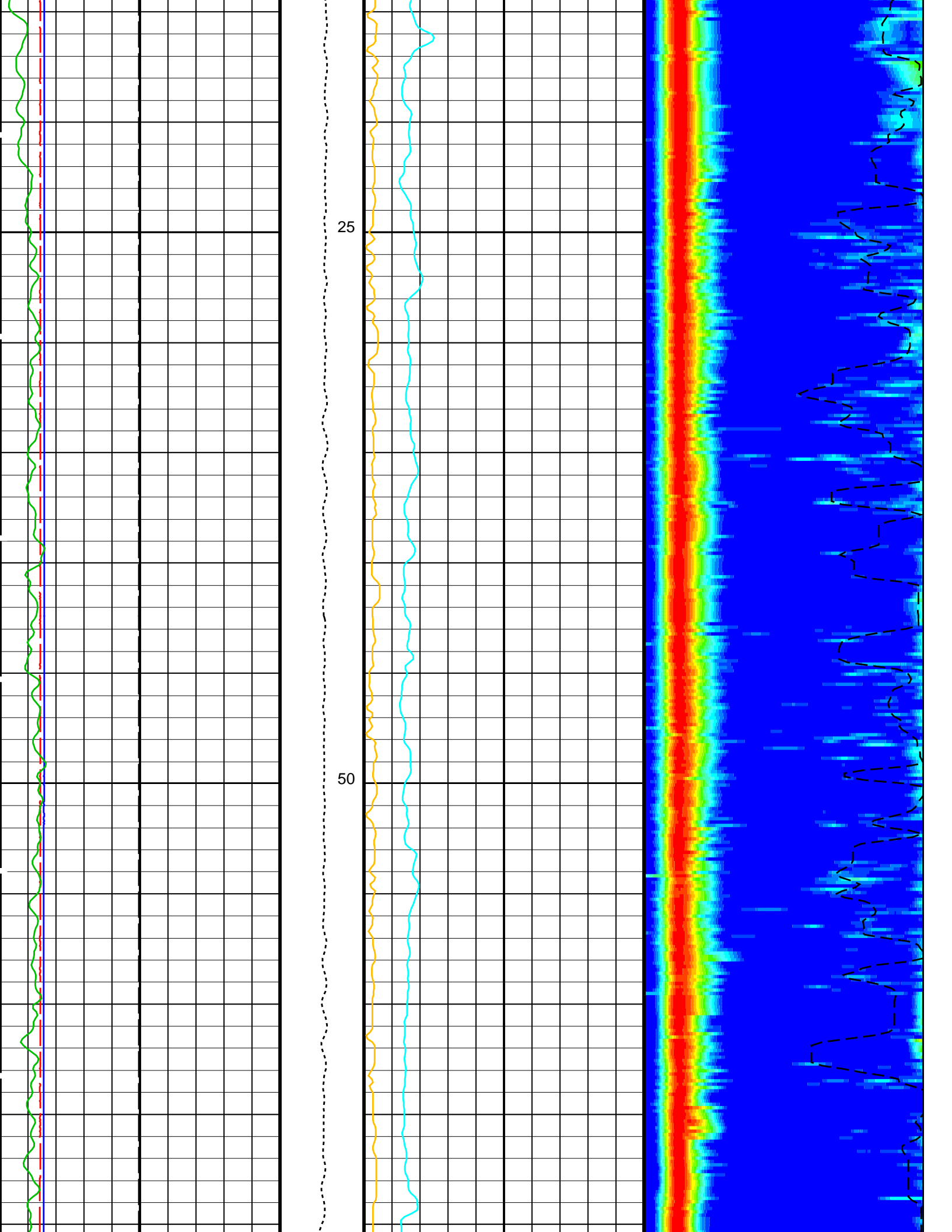
Min Amplitude Max
 Rec.Array U.Dipole Slow Proj. CVDL
 (SPR2)
 (US/F) 75 1200

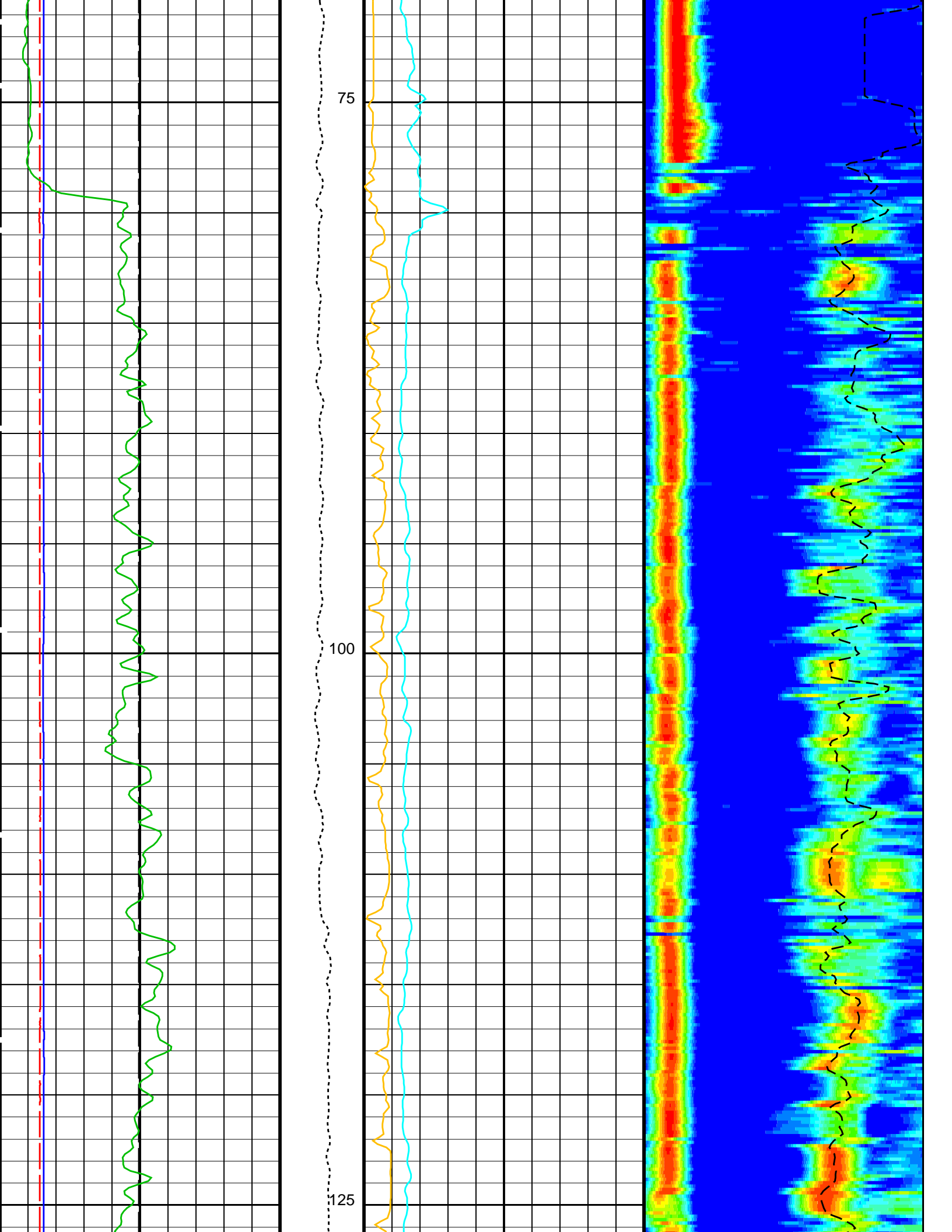
Tension
 (TENS)
 (LBF) 0 7500

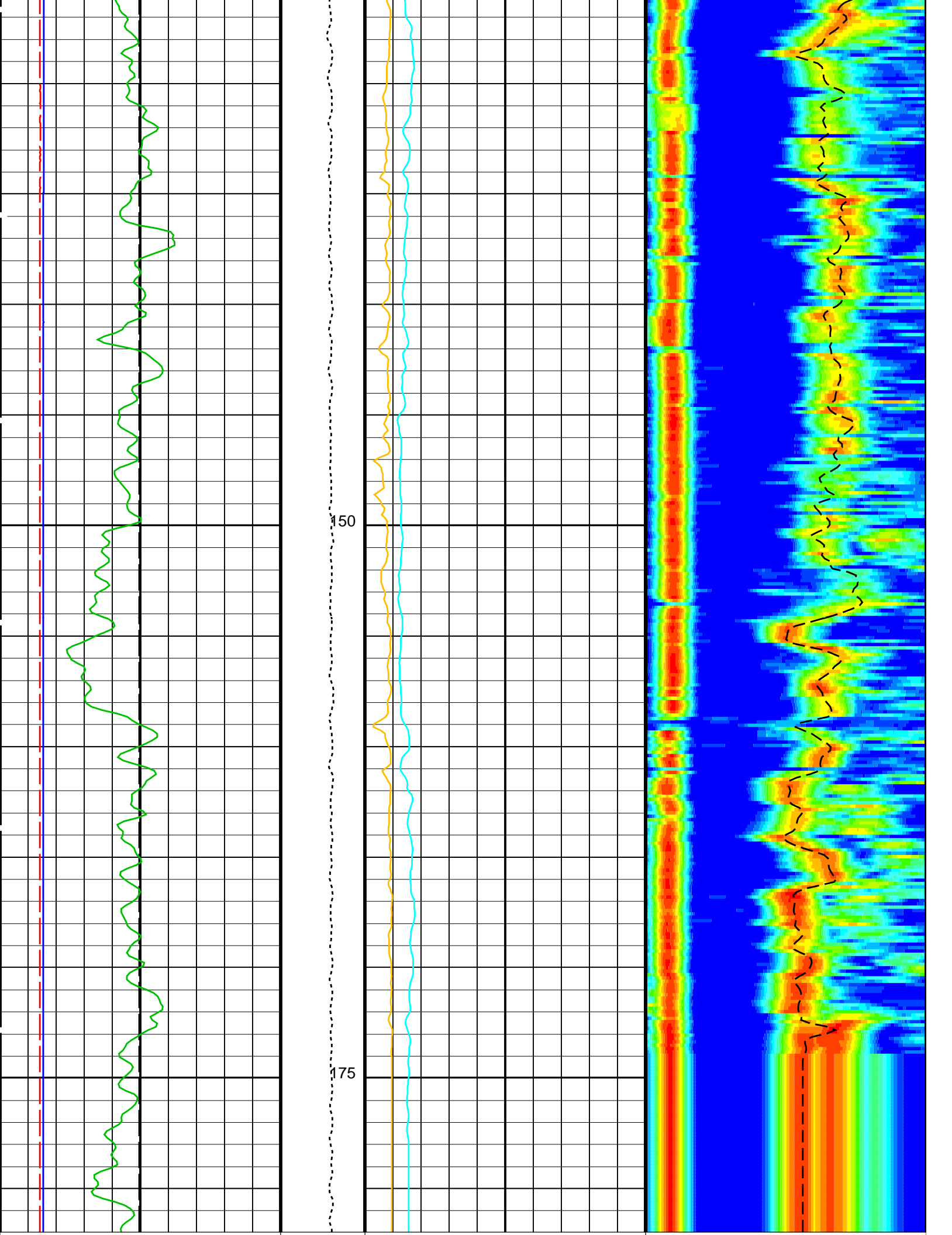
Peak Coherence / RA - Upper Dipole
 (CHR2) 0 10

Delta-T Shear / RA - Upper Dipole
 (DT2R)
 (US/F) 75 1200









| | | | | | | | | | | |
|---|-------------------------------|-----|----------------------------|---|------|---|------|---|----|------|
| 0 | Bit Size (BS) (IN) | 20 | Tension (TENS) (LBF) | 0 | 7500 | Peak Coherence / RA – Upper Dipole (CHR2) (-----) | 10 | Delta-T Shear / RA – Upper Dipole (DT2R) (US/F) | 75 | 1200 |
| 0 | Caliper 1 (C1) (IN) | 20 | | | | Sonic Velocity (SVEL) (M/S) | 1000 | | 75 | 1200 |
| 0 | Caliper 2 (C2) (IN) | 20 | | | | | | | | |
| 0 | Gamma Ray (GR_EDTC) (GAPI) | 150 | | | | | | | | |

PIP SUMMARY

Time Mark Every 60 S

Parameters

| DLIS Name | Description | Value |
|---------------------------------|--|------------|
| DSST-B: Dipole Shear Imager – B | | |
| DDE2 | Digitizing Delay 2 | 0 US |
| DDEX | Digitizing Delay X | 0 US |
| DLCS | Label Compressional Source – Dipole Shear | USE |
| DSHL | Label Slowness Lower Limit – Dipole Shear | 220 US/F |
| DSHU | Label Slowness Upper Limit – Dipole Shear | 1200 US/F |
| DSI2 | Digitizer Sample Interval 2 | 40 US |
| DSIX | Digitizer Sample Interval X | 40 US |
| DTCS | Compressional Delta-T Source for DTCO Channel | PS_COMP |
| DWC2 | Digitizer Word Count 2 | 512 |
| DWCX | Digitizer Word Count X | 512 |
| NWI2 | Number Waveform Items 2 | 8 |
| NWIX | Number Waveform Items X | 0 |
| RX1G | Receiver 1 Geometry | 294 IN |
| RX2G | Receiver 2 Geometry | 300 IN |
| RX3G | Receiver 3 Geometry | 306 IN |
| RX4G | Receiver 4 Geometry | 312 IN |
| RX5G | Receiver 5 Geometry | 318 IN |
| RX6G | Receiver 6 Geometry | 324 IN |
| RX7G | Receiver 7 Geometry | 330 IN |
| RX8G | Receiver 8 Geometry | 336 IN |
| SAM2 | DSST Sonic Acquisition Mode 2 – Upper Dipole Mode | ODD |
| SAMX | DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert | OFF |
| SAS2 | STC Sonic Array Status – Upper Dipole | 255 |
| SBO2 | STC Search Band Offset – Upper Dipole | 3000 US |
| SBW2 | STC Search Bandwidth – Upper Dipole | 8000 US |
| SFC2 | STC Formation Character – Upper Dipole | SELECTABLE |
| SFM2 | STC Filter – Upper Dipole | B1-2K |
| SLL2 | STC Slowness Lower Limit – Upper Dipole | 75 US/F |
| SST2 | STC Slowness Step – Upper Dipole | 4 US/F |
| SSW2 | STC Source Waveform – Upper Dipole | WF_SAM2 |
| SUL2 | STC Slowness Upper Limit – Upper Dipole | 1200 US/F |
| SWD2 | STC Slowness Width – Upper Dipole | 40 US/F |
| TBF2 | STC Time for Baseline Fill – Upper Dipole | 0 US |
| TLL2 | STC Time Lower Limit – Upper Dipole | 600 US |
| TST2 | STC Time Step – Upper Dipole | 200 US |
| TUL2 | STC Time Upper Limit – Upper Dipole | 20200 US |
| TWD2 | STC Time Width – Upper Dipole | 2000 US |
| TWI2 | STC Integration Time Window – Upper Dipole | 1600 US |
| TWSX | Transmitter Waveform Select X | 0 |
| UTXG | Upper Dipole Transmitter Geometry | 162 IN |
| System and Miscellaneous | | |
| BS | Bit Size | 9.875 IN |
| DO | Depth Offset for Playback | -3690.0 M |
| PP | Playback Processing | RECOMPUTE |

Format: DSST_UPPER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 19-Mar-2015 14:40

OP System Version: 19C0-187

| | | | |
|---------|----------|--------|----------------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
| DSST-B | 19C0-187 | HNGC-B | 19C0-187 |
| HNGS-BA | 19C0-187 | EDTC-B | SKK-5169-EDTCB |

Input DLIS Files

DEFAULT Flip_FMS_DSI_NGS_044LUP PRODUCER 19-Mar-2015 14:39 3872.1 M 3646.2 M

Output DLIS Files

DEFAULT FMS_DSI_NGS_045PUP FN:35 PRODUCER 19-Mar-2015 14:40



Lower Dipole Downlog

MAXIS Field Log

Input DLIS Files

DEFAULT Flip_FMS_DSI_NGS_044LUP PRODUCER 19-Mar-2015 14:39 3872.1 M 3646.2 M

Output DLIS Files

DEFAULT FMS_DSI_NGS_045PUP FN:35 PRODUCER 19-Mar-2015 14:40 182.0 M -22.6 M

OP System Version: 19C0-187

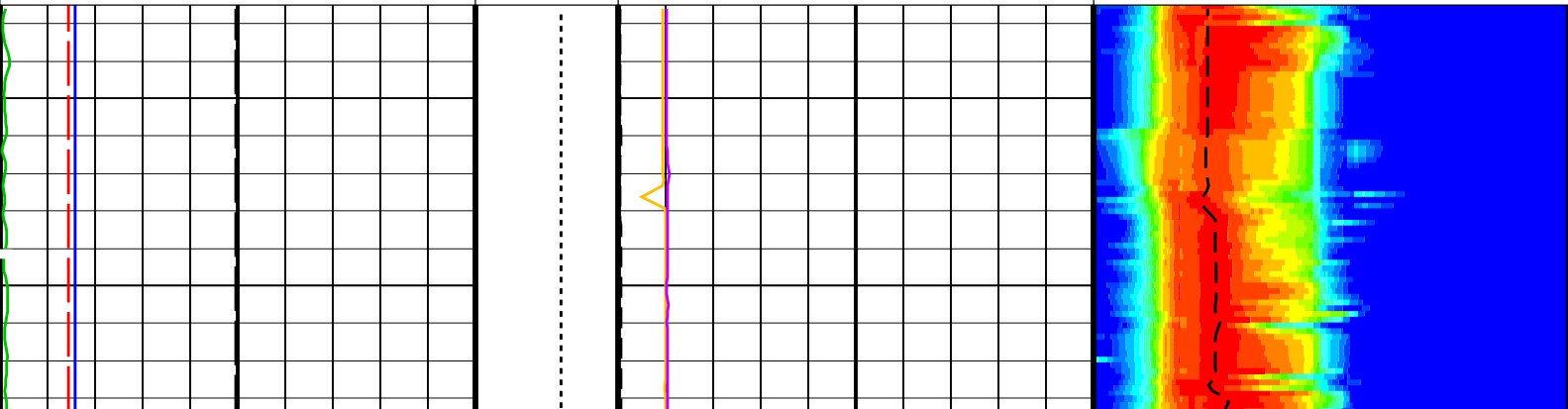
MEST-B 19C0-187
 DSST-B 19C0-187
 HNGS-BA 19C0-187

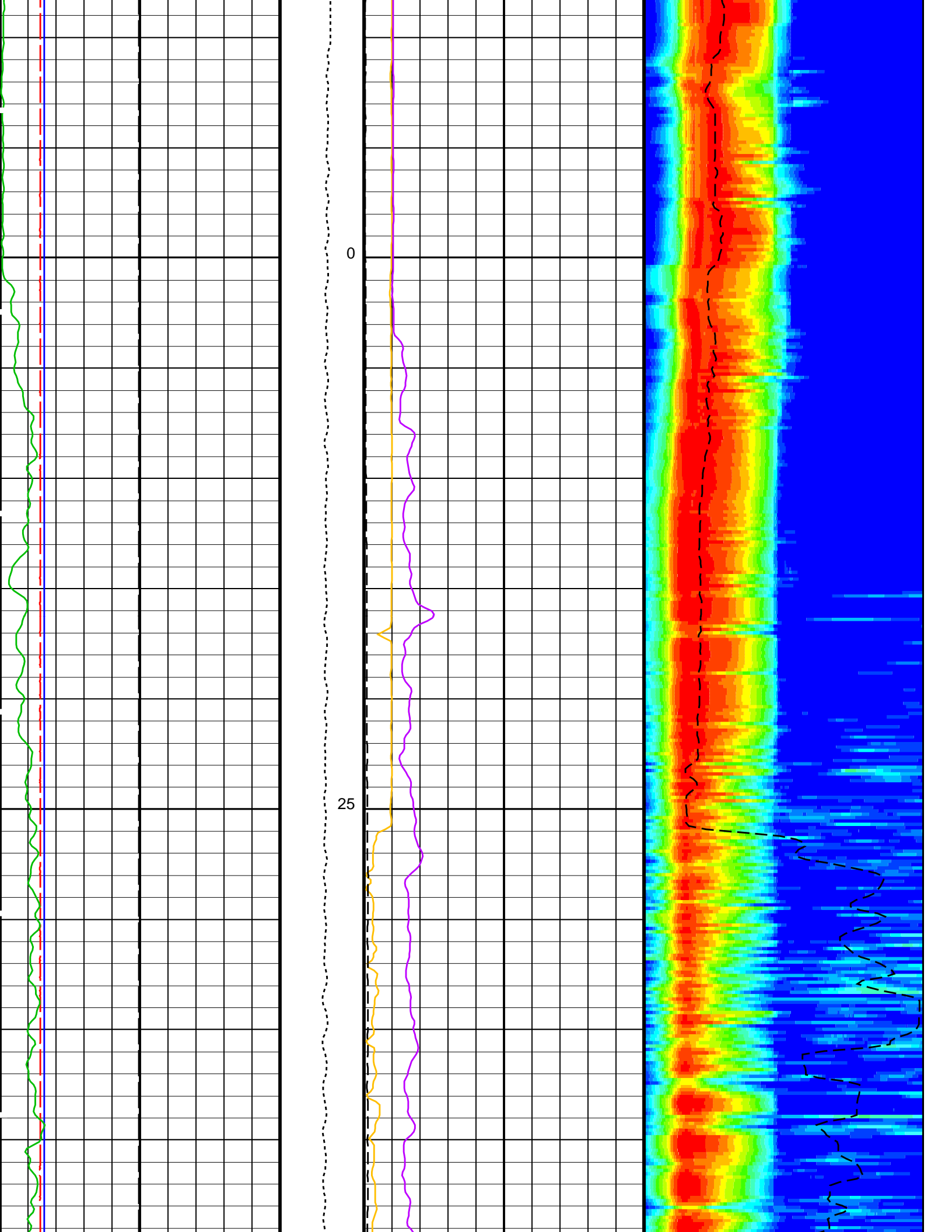
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 HNGC-B 19C0-187
 EDTC-B SKK-5169-EDTCB

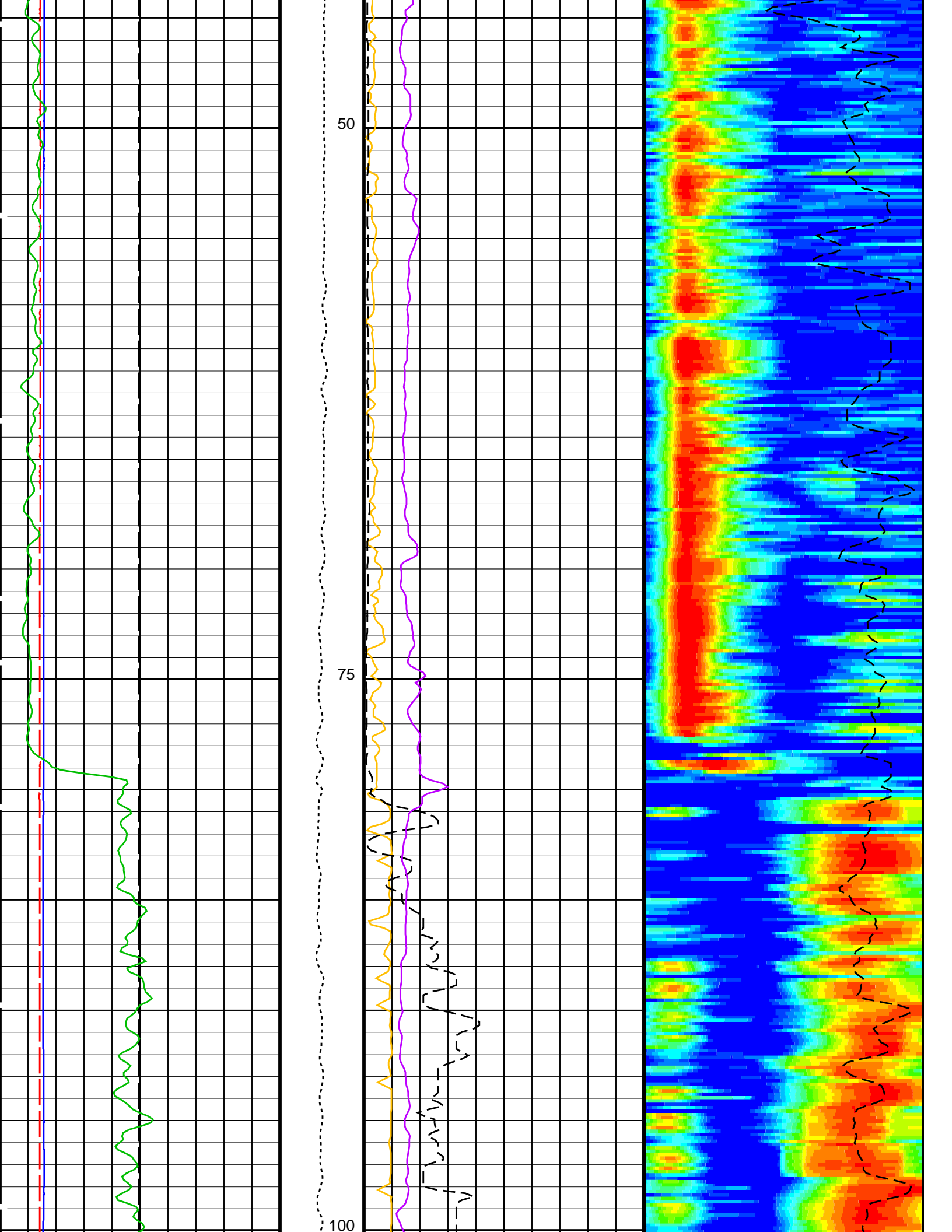
PIP SUMMARY

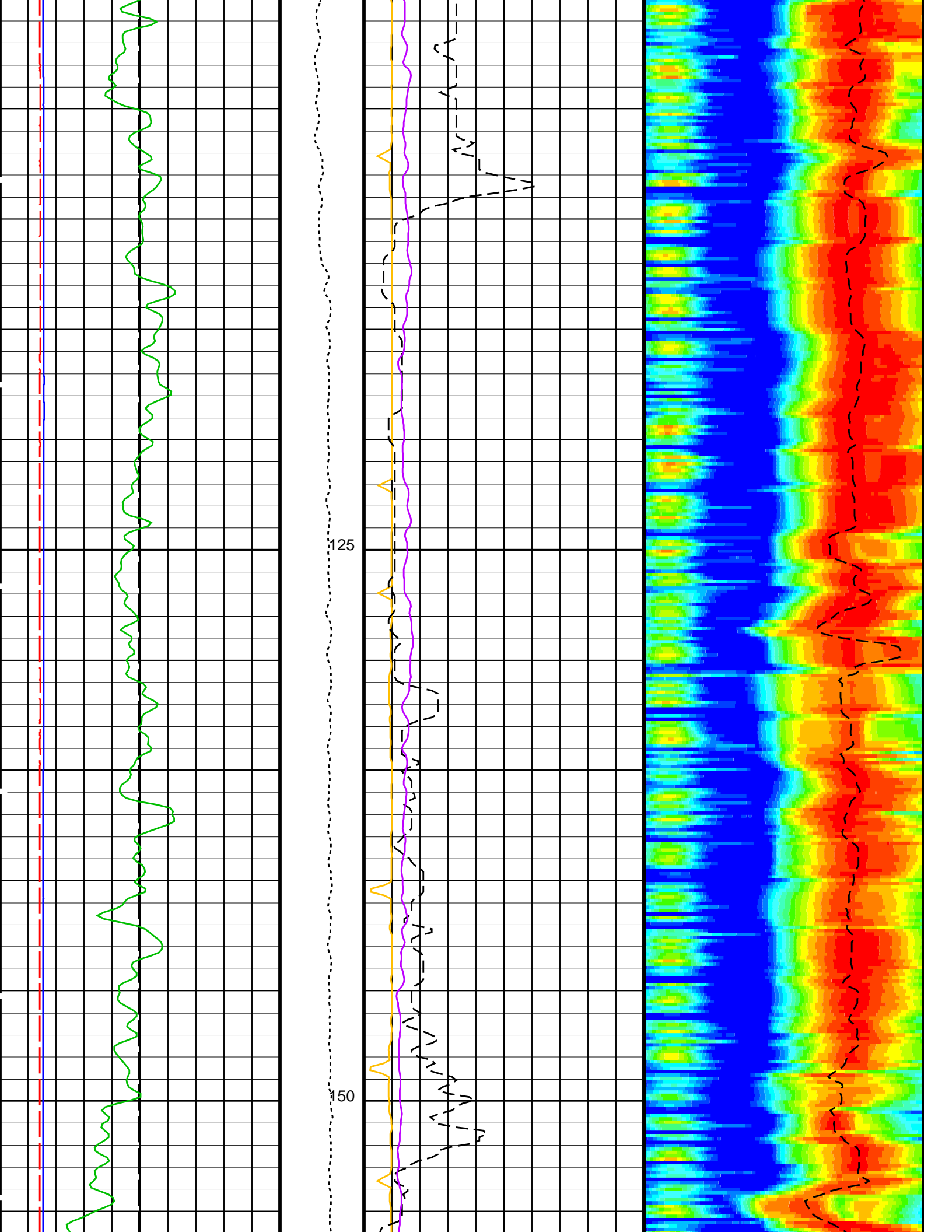
Time Mark Every 60 S

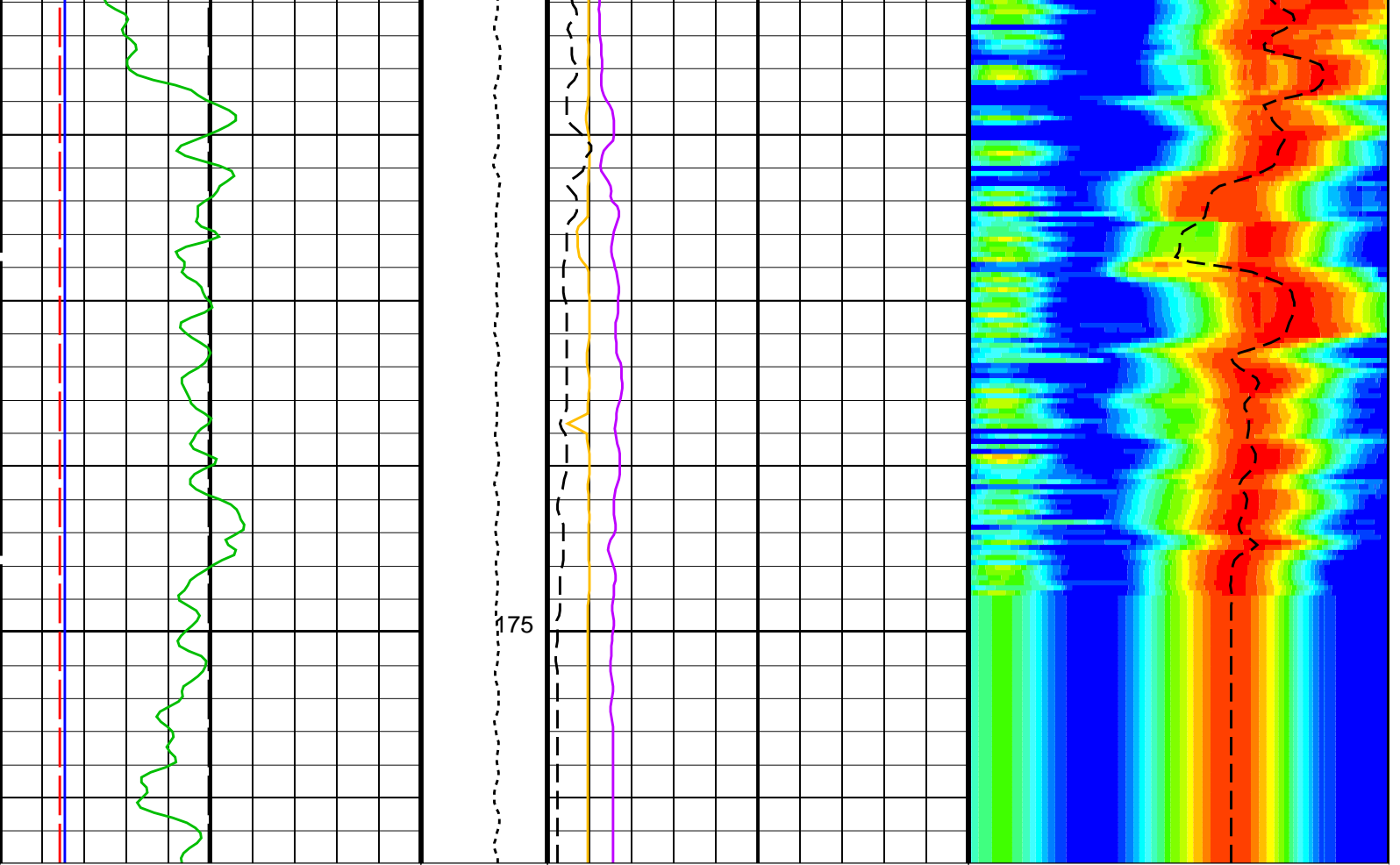
| | | |
|--|--|---|
| <p>Gamma Ray (GR_EDTC) (GAPI) 0 150</p> <p>Caliper 1 (C1) (IN) 0 20</p> <p>Caliper 2 (C2) (IN) 0 20</p> <p>Bit Size (BS) (IN) 0 20</p> | <p>Sonic Velocity (SVEL) (M/S) 1000 6000</p> <p>SAM1 Waveform Gain (WFG1) (----) 0 1000</p> <p>Tension (TENS) (LBF) 0 7500</p> | <p>Peak Coherence / RA - Lower Dipole (CHR1) (----) 0 10</p> <p>Delta-T Shear / RA - Lower Dipole (DT1R) (US/F) 75 1200</p> <p>Min Amplitude Max Rec.Array L.Dipole Slow Proj. CVDL (SPR1) (US/F) 75 1200</p> |
|--|--|---|











| | | | | | | | | | | | |
|---|-------------------------------|-----|------|--------------------------------------|------|----|---|------|----|--|------|
| 0 | Bit Size (BS) (IN) | 20 | 0 | Tension (TENS) (LBF) | 7500 | 0 | Peak Coherence / RA - Lower Dipole (CHR1) (-----) | 10 | 75 | Delta-T Shear / RA - Lower Dipole (DT1R) (US/F) | 1200 |
| 0 | Caliper 2 (C2) (IN) | 20 | 0 | SAM1 Waveform Gain (WFG1) (-----) | 1000 | 0 | Sonic Velocity (SVEL) (M/S) | 1000 | 75 | Rec.Array L.Dipole Slow Proj. CVDL (SPR1) (US/F) | 1200 |
| 0 | Caliper 1 (C1) (IN) | 20 | 1000 | Sonic Velocity (SVEL) (M/S) | 6000 | 75 | | | | | |
| 0 | Gamma Ray (GR_EDTC) (GAPI) | 150 | | | | | | | | | |

PIP SUMMARY

Time Mark Every 60 S

Parameters

| DLIS Name | Description | Value |
|---------------------------------|---|-----------|
| DSST-B: Dipole Shear Imager - B | | |
| DDE1 | Digitizing Delay 1 | 0 US |
| DDEX | Digitizing Delay X | 0 US |
| DLCS | Label Compressional Source - Dipole Shear | USE |
| DSHL | Label Slowness Lower Limit - Dipole Shear | 220 US/F |
| DSHU | Label Slowness Upper Limit - Dipole Shear | 1200 US/F |
| DSI1 | Digitizer Sample Interval 1 | 40 US |
| DSIX | Digitizer Sample Interval X | 40 US |
| DTCS | Compressional Delta-T Source for DTCO Channel | PS_COMP |
| DWC1 | Digitizer Word Count 1 | 512 |
| DWCX | Digitizer Word Count X | 512 |
| LTXG | Lower Dipole Transmitter Geometry | 156 IN |
| NW11 | Number Waveform Items 1 | 8 |
| NW1X | Number Waveform Items X | 0 |
| RX1G | Receiver 1 Geometry | 294 IN |
| RX2G | Receiver 2 Geometry | 300 IN |
| RX3G | Receiver 3 Geometry | 306 IN |

| | | | |
|---------------------------------|--|------------|------|
| RX4G | Receiver 4 Geometry | 312 | IN |
| RX5G | Receiver 5 Geometry | 318 | IN |
| RX6G | Receiver 6 Geometry | 324 | IN |
| RX7G | Receiver 7 Geometry | 330 | IN |
| RX8G | Receiver 8 Geometry | 336 | IN |
| SAM1 | DSST Sonic Acquisition Mode 1 – Lower Dipole Mode | LFD_EVEN | |
| SAMX | DSST Sonic Acquisition Mode X – Both Dipoles or Monopole Mode for Expert | OFF | |
| SAS1 | STC Sonic Array Status – Lower Dipole | 255 | |
| SBO1 | STC Search Band Offset – Lower Dipole | 3000 | US |
| SBW1 | STC Search Bandwidth – Lower Dipole | 8000 | US |
| SFC1 | STC Formation Character – Lower Dipole | SELECTABLE | |
| SFM1 | STC Filter – Lower Dipole | B.3–1.5K | |
| SLL1 | STC Slowness Lower Limit – Lower Dipole | 75 | US/F |
| SST1 | STC Slowness Step – Lower Dipole | 4 | US/F |
| SSW1 | STC Source Waveform – Lower Dipole | WF_SAM1 | |
| SUL1 | STC Slowness Upper Limit – Lower Dipole | 1200 | US/F |
| SWD1 | STC Slowness Width – Lower Dipole | 40 | US/F |
| TBF1 | STC Time for Baseline Fill – Lower Dipole | 0 | US |
| TLL1 | STC Time Lower Limit – Lower Dipole | 600 | US |
| TST1 | STC Time Step – Lower Dipole | 200 | US |
| TUL1 | STC Time Upper Limit – Lower Dipole | 20440 | US |
| TWD1 | STC Time Width – Lower Dipole | 2000 | US |
| TWI1 | STC Integration Time Window – Lower Dipole | 1600 | US |
| TWSX | Transmitter Waveform Select X | 0 | |
| WFM1 | Waveform Mode 1 | W1 | |
| System and Miscellaneous | | | |
| BS | Bit Size | 9.875 | IN |
| DO | Depth Offset for Playback | -3690.0 | M |
| PP | Playback Processing | RECOMPUTE | |

Format: DSST_LOWER_DIPOLE_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 19-Mar-2015 14:40

OP System Version: 19C0-187

| | | | |
|---------|----------|--------|----------------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
| DSST-B | 19C0-187 | HNGC-B | 19C0-187 |
| HNGS-BA | 19C0-187 | EDTC-B | SKK-5169-EDTCB |

Input DLIS Files

| | | | | | |
|---------|-------------------------|----------|-------------------|----------|----------|
| DEFAULT | Flip_FMS_DSI_NGS_044LUP | PRODUCER | 19-Mar-2015 14:39 | 3872.1 M | 3646.2 M |
|---------|-------------------------|----------|-------------------|----------|----------|

Output DLIS Files

| | | | | |
|---------|--------------------|-------|----------|-------------------|
| DEFAULT | FMS_DSI_NGS_045PUP | FN:35 | PRODUCER | 19-Mar-2015 14:40 |
|---------|--------------------|-------|----------|-------------------|



MAXIS Field Log

Company: Integrated Ocean Discovery Program Well: Expedition 354, Site U1453A

Input DLIS Files

| | | | | | |
|---------|-------------------------|----------|-------------------|----------|----------|
| DEFAULT | Flip_FMS_DSI_NGS_044LUP | PRODUCER | 19-Mar-2015 14:39 | 3872.1 M | 3646.2 M |
|---------|-------------------------|----------|-------------------|----------|----------|

Output DLIS Files

| | | | | | | |
|---------|--------------------|-------|----------|-------------------|---------|---------|
| DEFAULT | FMS_DSI_NGS_045PUP | FN:35 | PRODUCER | 19-Mar-2015 14:40 | 182.0 M | -22.6 M |
|---------|--------------------|-------|----------|-------------------|---------|---------|

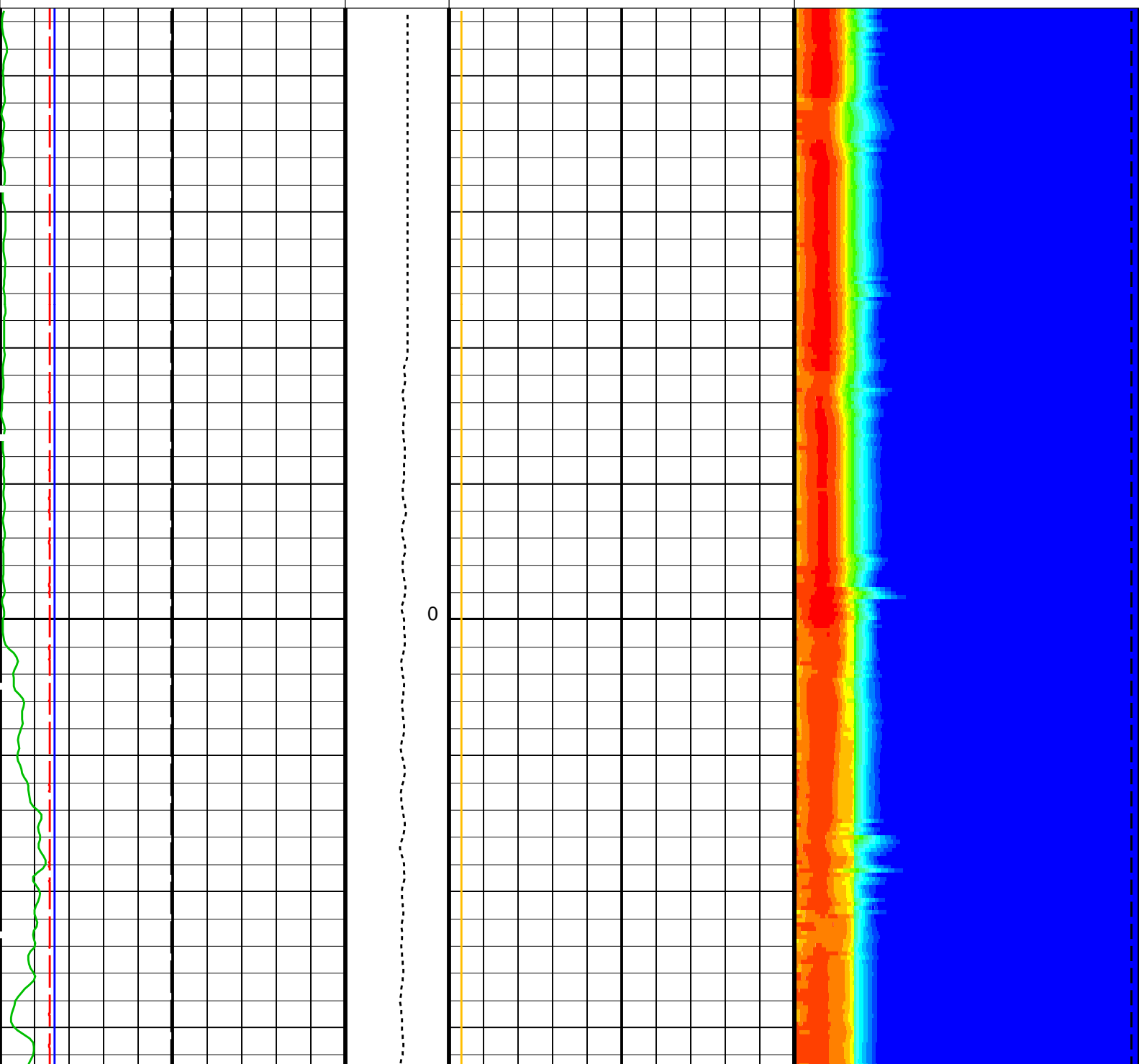
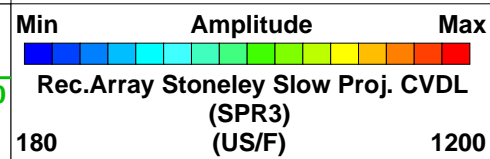
OP System Version: 19C0-187

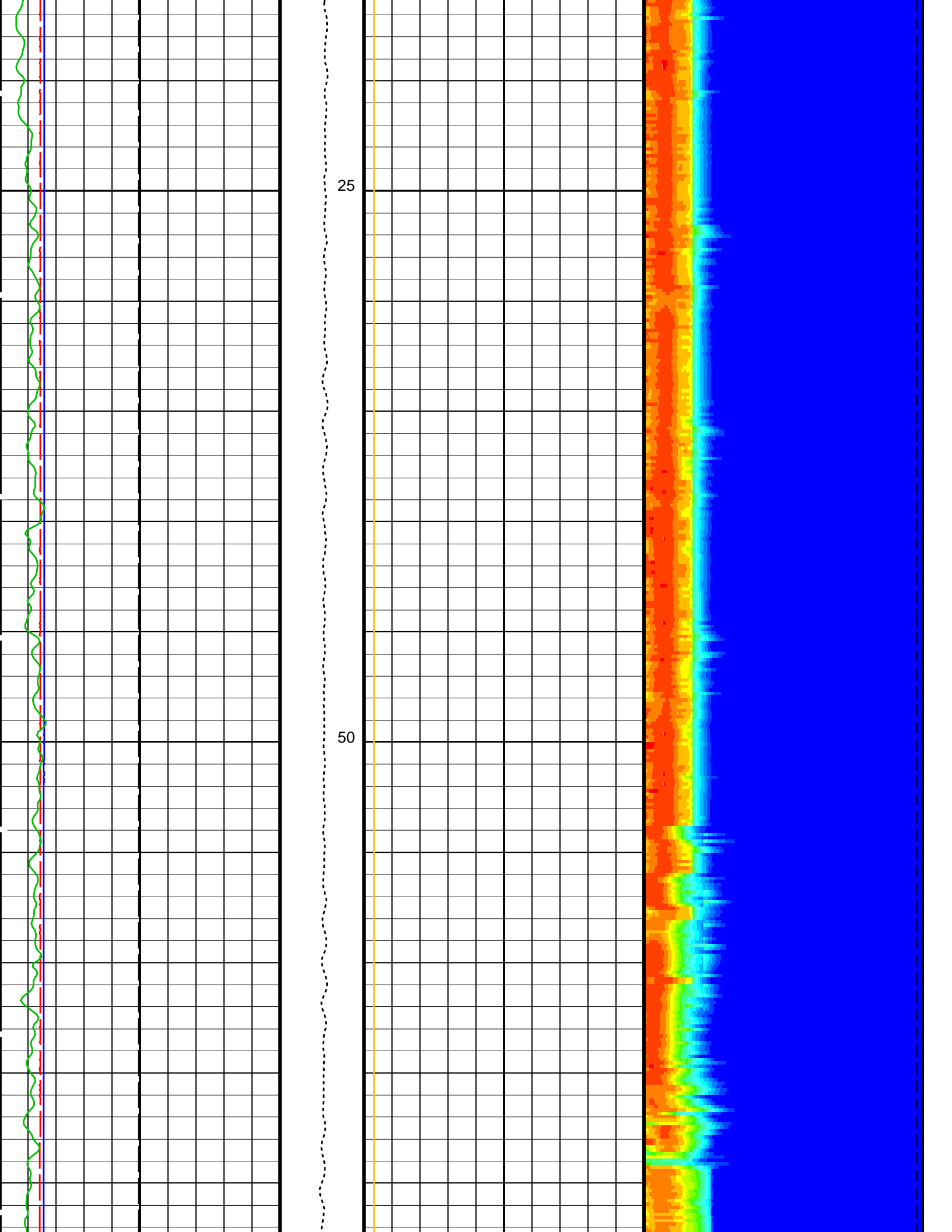
| | | | |
|--------|----------|-------|------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
|--------|----------|-------|------|

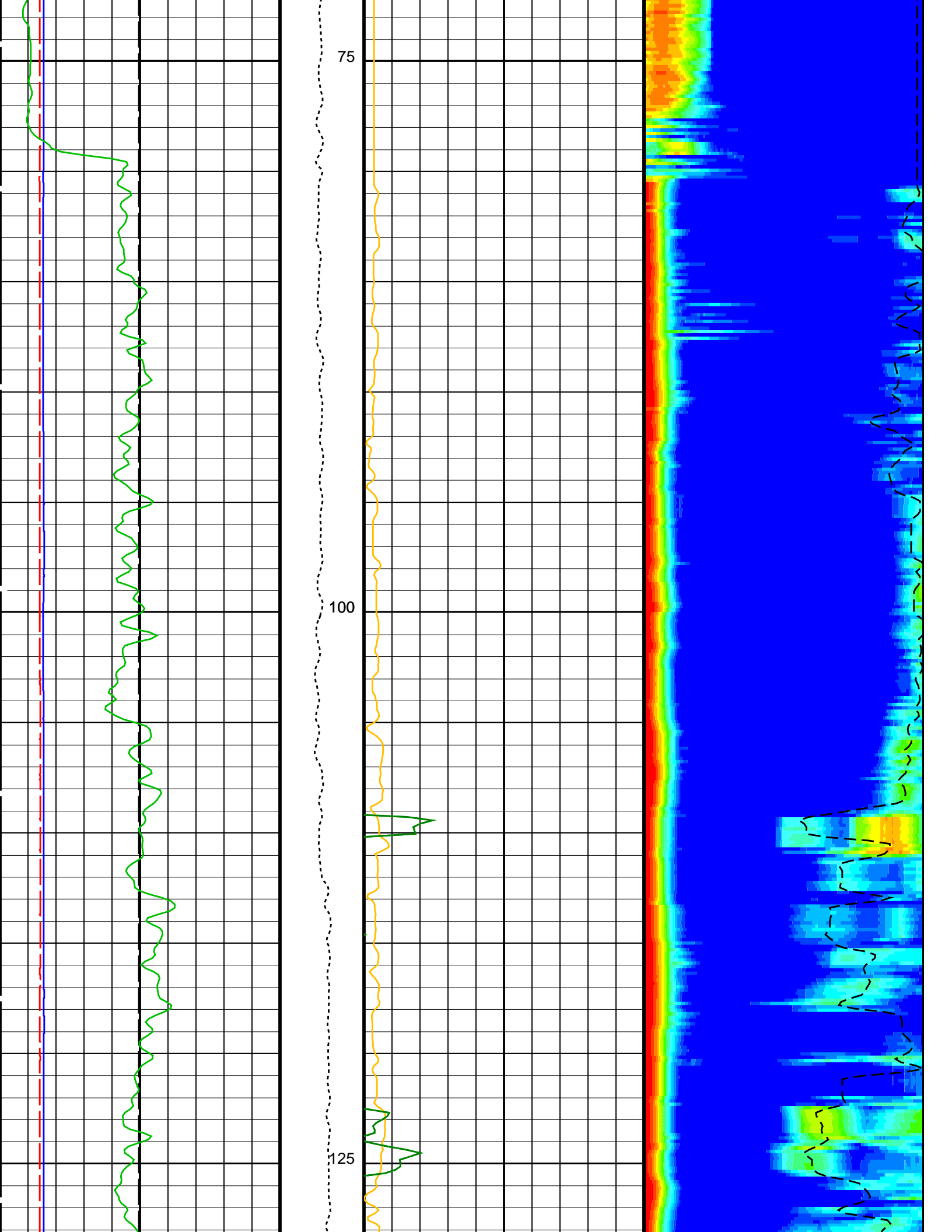
PIP SUMMARY

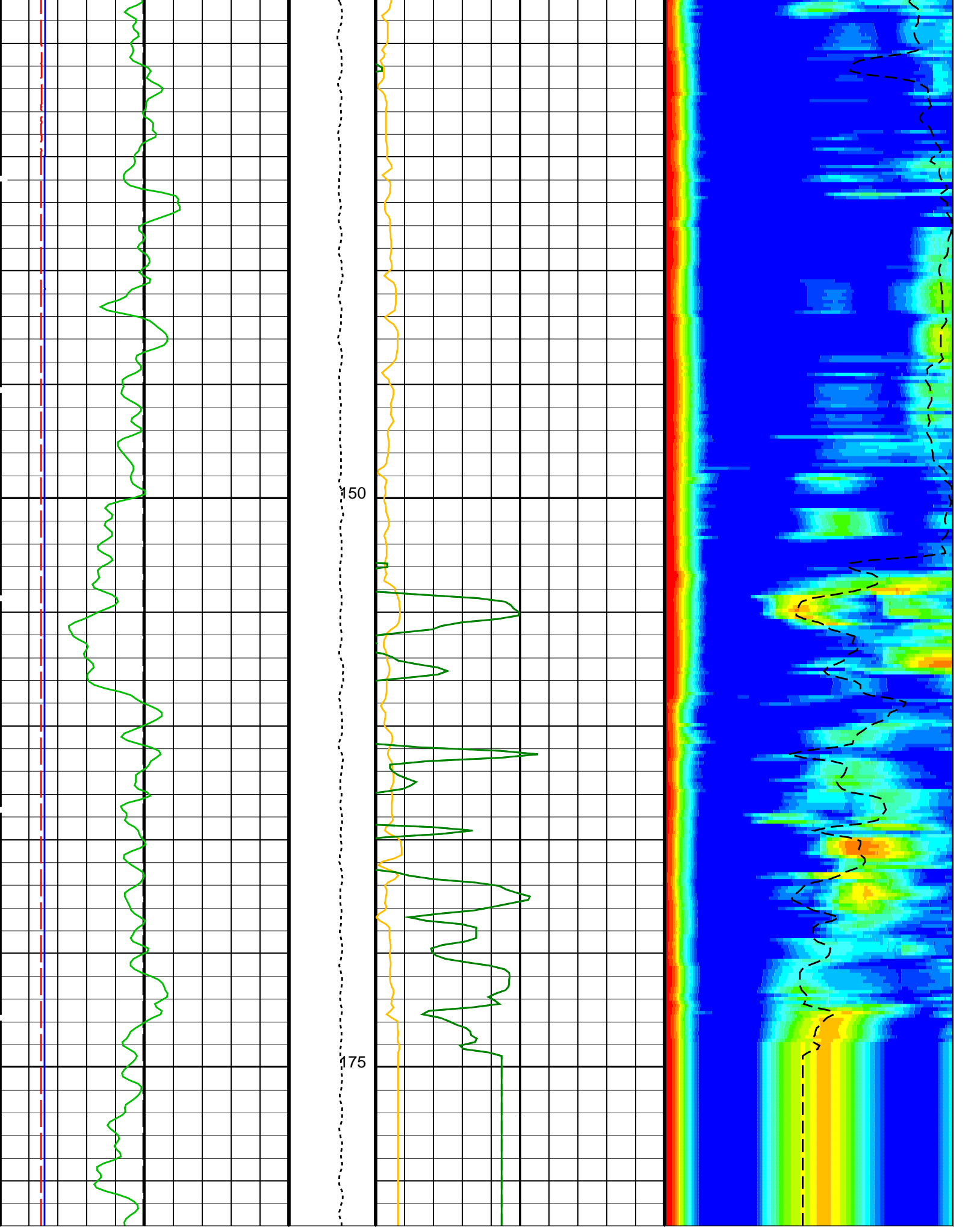
Time Mark Every 60 S

| | | | |
|--------------------------------------|--------|---|--|
| Gamma Ray (GR_EDTC) (GAPI) | | Delta-T Stoneley (DTST) (US/F) | |
| 0 150 | | 440 40 | |
| Caliper 2 (C2) (IN) | | Delta-T Stoneley / RA (DT3R) (US/F) | |
| 0 20 | | 440 40 | |
| Caliper 1 (C1) (IN) | | Peak Coherence / RA - Stoneley (CHR3) (-----) | |
| 0 20 | | 0 10 | |
| Bit Size (BS) (IN) | | Tension (TENS) (LBF) | |
| 0 20 | 0 7500 | | |
| | | Delta-T Stoneley / RA (DT3R) (US/F) | |
| | | 180 1200 | |









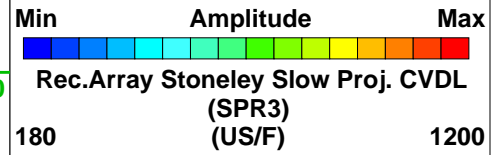
Bit Size (BS)

Tension (TENS)

Peak Coherence / RA - Stoneley (CHR3)

Delta-T Stoneley / RA (DT3R)

| | | | | | | | | |
|--------------------------------------|----|-------|---|------|----|---|--------|------|
| (IN) | 20 | (LBF) | 0 | 7500 | 10 | 180 | (US/F) | 1200 |
| Caliper 1 (C1) (IN) | | 0 | | 20 | | Delta-T Stoneley / RA (DT3R) (US/F) | | 40 |
| Caliper 2 (C2) (IN) | | 0 | | 20 | | Delta-T Stoneley (DTST) (US/F) | | 40 |
| Gamma Ray (GR_EDTC) (GAPI) | | 0 | | 150 | | | | |



PIP SUMMARY

Time Mark Every 60 S

Parameters

| DLIS Name | Description | Value |
|---------------------------------|--|------------|
| DSST-B: Dipole Shear Imager - B | | |
| DDE3 | Digitizing Delay 3 | 0 US |
| DDEX | Digitizing Delay X | 0 US |
| DSI3 | Digitizer Sample Interval 3 | 40 US |
| DSIX | Digitizer Sample Interval X | 40 US |
| DTC3 | Compressional Delta-T Source for DTCO Channel | PS_COMP |
| DWC3 | Digitizer Word Count 3 | 512 |
| DWCX | Digitizer Word Count X | 512 |
| MTXG | Monopole Transmitter Geometry | 186 IN |
| NWI3 | Number Waveform Items 3 | 8 |
| NWIX | Number Waveform Items X | 0 |
| RX1G | Receiver 1 Geometry | 294 IN |
| RX2G | Receiver 2 Geometry | 300 IN |
| RX3G | Receiver 3 Geometry | 306 IN |
| RX4G | Receiver 4 Geometry | 312 IN |
| RX5G | Receiver 5 Geometry | 318 IN |
| RX6G | Receiver 6 Geometry | 324 IN |
| RX7G | Receiver 7 Geometry | 330 IN |
| RX8G | Receiver 8 Geometry | 336 IN |
| SAM3 | DSST Sonic Acquisition Mode 3 - Monopole Mode for Stoneley | ODD |
| SAMX | DSST Sonic Acquisition Mode X - Both Dipoles or Monopole Mode for Expert | OFF |
| SAS3 | STC Sonic Array Status - Monopole Stoneley | 255 |
| SBO3 | STC Search Band Offset - Monopole Stoneley | 2000 US |
| SBW3 | STC Search Bandwidth - Monopole Stoneley | 6000 US |
| SFC3 | STC Formation Character - Monopole Stoneley | SELECTABLE |
| SFM3 | STC Filter - Monopole Stoneley | B.5-1.5K |
| SLL3 | STC Slowness Lower Limit - Monopole Stoneley | 180 US/F |
| SST3 | STC Slowness Step - Monopole Stoneley | 4 US/F |
| SSW3 | STC Source Waveform - Monopole Stoneley | WF_SAM3 |
| STLL | Label Slowness Lower Limit - Monopole Stoneley | 300 US/F |
| STUL | Label Slowness Upper Limit - Monopole Stoneley | 1200 US/F |
| SUL3 | STC Slowness Upper Limit - Monopole Stoneley | 1200 US/F |
| SWD3 | STC Slowness Width - Monopole Stoneley | 40 US/F |
| TBF3 | STC Time for Baseline Fill - Monopole Stoneley | 0 US |
| TLL3 | STC Time Lower Limit - Monopole Stoneley | 620 US |
| TST3 | STC Time Step - Monopole Stoneley | 200 US |
| TUL3 | STC Time Upper Limit - Monopole Stoneley | 15800 US |
| TWD3 | STC Time Width - Monopole Stoneley | 2000 US |
| TWI3 | STC Integration Time Window - Monopole Stoneley | 1600 US |
| TWSX | Transmitter Waveform Select X | 0 |
| System and Miscellaneous | | |
| BS | Bit Size | 9.875 IN |
| DO | Depth Offset for Playback | -3690.0 M |
| PP | Playback Processing | RECOMPUTE |

Format: DSST_STONELEY_VDL_COLOR Vertical Scale: 1:200 Graphics File Created: 19-Mar-2015 14:40

OP System Version: 19C0-187

| | | | |
|---------|----------|--------|----------------|
| MEST-B | 19C0-187 | DTA-A | 8453 |
| DSST-B | 19C0-187 | HNGC-B | 19C0-187 |
| HNGS-BA | 19C0-187 | EDTC-B | SKK-5169-EDTCB |

Input DLIS Files

| | | | | | |
|---------|---------------------------|----------|-------------------|----------|----------|
| DEFAULT | Flip_FMS_DSI_NGS_0441.UIP | PRODUCER | 19-Mar-2015 14:39 | 3872.1 M | 3646.2 M |
|---------|---------------------------|----------|-------------------|----------|----------|

Output DLIS Files

DEFAULT

FMS_DSI_NGS_045PUP

FN:35

PRODUCER

19-Mar-2015 14:40



Calibrations

MAXIS Field Log

Calibration and Check Summary

| Measurement | Nominal | Master | Before | After | Change | Limit | Units |
|---|---------|--------|--------|-------|----------|---------|-------|
| Micro Electrical Scanner – B (Slim) Wellsite Calibration – Caliper Calibration | | | | | | | |
| Before: Calibration out of date 4-Feb-2014 2:22 | | | | | | | |
| Caliper 1 Zero Measurement | 12.00 | N/A | 11.98 | N/A | N/A | N/A | IN |
| Caliper 2 Zero Measurement | 12.00 | N/A | 12.05 | N/A | N/A | N/A | IN |
| Caliper 1 Plus Measurement | 15.19 | N/A | 15.18 | N/A | N/A | N/A | IN |
| Caliper 2 Plus Measurement | 15.19 | N/A | 15.38 | N/A | N/A | N/A | IN |
| Micro Electrical Scanner – B (Slim) Wellsite Calibration – CROUZET ACCELEROMETER PROM HAS BEEN READ CORRECTLY | | | | | | | |
| Before: 17-Mar-2015 13:36 | | | | | | | |
| TEMPERATURE REFERENCE : | N/A | N/A | 20 | N/A | N/A | N/A | DEGC |
| YEAR OF CALIBRATION : | N/A | N/A | 99 | N/A | N/A | N/A | |
| MONTH OF CALIBRATION : | N/A | N/A | 3 | N/A | N/A | N/A | |
| SERIAL NUMBER : | N/A | N/A | 743 | N/A | N/A | N/A | |
| Micro Electrical Scanner – B (Slim) Wellsite Calibration – CROUZET MAGNETOMETER PROM HAS BEEN READ CORRECTLY | | | | | | | |
| Before: 17-Mar-2015 13:36 | | | | | | | |
| TEMPERATURE REFERENCE : | N/A | N/A | 23 | N/A | N/A | N/A | DEGC |
| YEAR OF CALIBRATION : | N/A | N/A | 3 | N/A | N/A | N/A | |
| MONTH OF CALIBRATION : | N/A | N/A | 9 | N/A | N/A | N/A | |
| SERIAL NUMBER : | N/A | N/A | 507 | N/A | N/A | N/A | |
| Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 1 Check | | | | | | | |
| Master: 22-Jan-2015 20:16 Before: 22-Jan-2015 20:28 After: 22-Jan-2015 21:03 | | | | | | | |
| Na 511 Peak Loc | 40.00 | 38.74 | 38.84 | 38.66 | -0.1769 | 1.000 | |
| Na 511 Peak Res | 15.50 | 17.62 | 16.00 | 17.16 | 1.160 | 2.000 | % |
| High Voltage | 1150 | 1229 | 1228 | 1229 | 1.039 | N/A | V |
| Na 1785 Peak Loc | 142.6 | 141.5 | 140.7 | 141.4 | 0.7113 | 7.000 | |
| Na 1785 Peak Res | 8.500 | 8.658 | 7.946 | 8.913 | 0.9675 | 2.000 | % |
| Temperature | 15.50 | 35.80 | 35.81 | 35.86 | 0.04572 | N/A | DEGC |
| Na Count Rate | 45.00 | 22.06 | 21.80 | 21.96 | 0.1542 | 8.000 | CPS |
| Hostile Natural Gamma Ray Sonde Wellsite Calibration – Detector 2 Check | | | | | | | |
| Master: 22-Jan-2015 20:16 Before: 22-Jan-2015 20:28 After: 22-Jan-2015 21:03 | | | | | | | |
| Na 511 Peak Loc | 40.00 | 39.60 | 39.65 | 39.50 | -0.1502 | 1.000 | |
| Na 511 Peak Res | 15.50 | 16.72 | 16.78 | 16.35 | -0.4244 | 2.000 | % |
| High Voltage | 1150 | 1110 | 1111 | 1110 | -1.013 | N/A | V |
| Na 1785 Peak Loc | 142.6 | 143.1 | 143.8 | 142.4 | -1.332 | 7.000 | |
| Na 1785 Peak Res | 8.500 | 9.464 | 8.298 | 8.688 | 0.3900 | 2.000 | % |
| Temperature | 15.50 | 35.58 | 35.60 | 35.63 | 0.03379 | N/A | DEGC |
| Na Count Rate | 45.00 | 22.07 | 21.71 | 21.76 | 0.04912 | 8.000 | CPS |
| Hostile Natural Gamma Ray Sonde Wellsite Calibration – Ratio Of Detector 1 To Detector 2 | | | | | | | |
| Master: 22-Jan-2015 20:16 Before: 22-Jan-2015 20:28 After: 22-Jan-2015 21:03 | | | | | | | |
| Coincidence Count Rate Ratio | 1.000 | 0.9971 | 1.002 | 1.007 | 0.004985 | 0.05000 | |
| Enhanced DTS Cartridge Wellsite Calibration – EDTC Accelerometer Calibration | | | | | | | |
| Before: 10-Mar-2015 19:08 | | | | | | | |
| EDTC Z-Axis Acceleration | 9.810 | N/A | 9.777 | N/A | N/A | N/A | M/S2 |
| Enhanced DTS Cartridge Wellsite Calibration – Detector Calibration | | | | | | | |
| Before: 10-Mar-2015 19:00 After: Calibration out of date 22-Jan-2015 21:00 | | | | | | | |

| | | | | | | | |
|------------------------|-------|-----|-------|-------|--------|-------|------|
| Gamma Ray (Jig - Bkg) | 155.6 | N/A | 155.6 | 151.3 | -4.280 | 14.15 | GAPI |
| Gamma Ray (Calibrated) | 165.0 | N/A | 165.0 | 160.5 | -4.539 | 15.00 | GAPI |

Micro Electrical Scanner - B (Slim) / Equipment Identification

Primary Equipment:

| | | |
|----------------------------------|-----------|-----|
| MEST Sonde - B | MEDS - B | 724 |
| MEST Preamplifier Cartridge - AB | MEPC - AB | 807 |
| GPIT Cartridge - AC | GPIC - AC | 840 |
| MEST Acquisition Cartridge - A | MEAC - A | 875 |

Auxiliary Equipment:

| | | |
|---|----------|-----|
| MEST-B Preamplifier Cartridge Housing | MEPH - A | 702 |
| MEST Acquisition Cartridge Housing (Slim) | MEAH - B | 769 |

Hostile Natural Gamma Ray Cartridge - B / Equipment Identification

Primary Equipment:

| | | |
|----------------|----------|-----|
| HNGC Cartridge | HNGC - B | 439 |
|----------------|----------|-----|

Auxiliary Equipment:

| | | |
|--------------|----------|-----|
| HNGC Housing | HNGH - A | 380 |
|--------------|----------|-----|

Hostile Natural Gamma Ray Sonde / Equipment Identification

Primary Equipment:

| | | |
|------------|-----------|-----|
| HNGS Sonde | HNGS - BA | 177 |
|------------|-----------|-----|

Auxiliary Equipment:

| | | |
|--------------------------|-----------|--------|
| HNGS Sonde Housing | HNSH - BA | 174 |
| Gamma Source Radioactive | GSR - U | 616008 |

Hostile Natural Gamma Ray Sonde Wellsite Calibration

Detector 1 Check

| Phase | Na 511 Peak Loc | Value | Phase | Na 511 Peak Res % | Value | Phase | High Voltage V | Value |
|--------|---|-------|--------|---|-------|--------|---|-------|
| Master | | 38.74 | Master | | 17.62 | Master | | 1229 |
| Before | | 38.84 | Before | | 16.00 | Before | | 1228 |
| After | | 38.66 | After | | 17.16 | After | | 1229 |
| | 37.50 (Minimum) 40.00 (Nominal) 43.50 (Maximum) | | | 12.00 (Minimum) 15.50 (Nominal) 19.00 (Maximum) | | | 900.0 (Minimum) 1150 (Nominal) 1600 (Maximum) | |

| Phase | Na 1785 Peak Loc | Value | Phase | Na 1785 Peak Res % | Value | Phase | Temperature DEGC | Value |
|--------|---|-------|--------|---|-------|--------|--|-------|
| Master | | 141.5 | Master | | 8.658 | Master | | 35.80 |
| Before | | 140.7 | Before | | 7.946 | Before | | 35.81 |
| After | | 141.4 | After | | 8.913 | After | | 35.86 |
| | 135.0 (Minimum) 142.6 (Nominal) 150.3 (Maximum) | | | 7.000 (Minimum) 8.500 (Nominal) 11.00 (Maximum) | | | -28.89 (Minimum) 15.50 (Nominal) 60.00 (Maximum) | |

| Phase | Na Count Rate CPS | Value |
|--------|---|-------|
| Master | | 22.06 |
| Before | | 21.80 |
| After | | 21.96 |
| | 10.00 (Minimum) 45.00 (Nominal) 100.0 (Maximum) | |

Master: 22-Jan-2015 20:16 Before: 22-Jan-2015 20:28 After: 22-Jan-2015 21:03

Hostile Natural Gamma Ray Sonde Wellsite Calibration

Detector 2 Check

| Phase | Na 511 Peak Loc | Value | Phase | Na 511 Peak Res % | Value | Phase | High Voltage V | Value |
|--------|-----------------|-------|--------|-------------------|-------|--------|----------------|-------|
| Master | | 39.60 | Master | | 16.72 | Master | | 1110 |
| Before | | 39.65 | Before | | 16.78 | Before | | 1111 |

| | | | | | | | | | | | | | | | | | |
|---------------------------|--------------------|--------------------|--------------------|---------------------------|--------------------|--------------------|--------------------|--------------------------|---------------------|--------------------|--------------------|-------|--|--------------------|-------------------|-------------------|------|
| After | | 37.50 (Minimum) | 40.00 (Nominal) | 43.50 (Maximum) | 39.50 | After | | 12.00 (Minimum) | 15.50 (Nominal) | 19.00 (Maximum) | 16.35 | After | | 900.0 (Minimum) | 1150 (Nominal) | 1600 (Maximum) | 1110 |
| Phase | Na 1785 Peak Loc | | | Value | Phase | Na 1785 Peak Res % | | | Value | Phase | Temperature DEGC | | | Value | | | |
| Master | | 143.1 | Master | | 9.464 | Master | | 35.58 | | | | | | | | | |
| Before | | 143.8 | Before | | 8.298 | Before | | 35.60 | | | | | | | | | |
| After | | 142.4 | After | | 8.688 | After | | 35.63 | | | | | | | | | |
| | 135.0 (Minimum) | 142.6 (Nominal) | 150.3 (Maximum) | | 7.000 (Minimum) | 8.500 (Nominal) | 11.00 (Maximum) | | -28.89 (Minimum) | 15.50 (Nominal) | 60.00 (Maximum) | | | | | | |
| Phase | Na Count Rate CPS | | | Value | | | | | | | | | | | | | |
| Master | | 22.07 | | | | | | | | | | | | | | | |
| Before | | 21.71 | | | | | | | | | | | | | | | |
| After | | 21.76 | | | | | | | | | | | | | | | |
| | 10.00 (Minimum) | 45.00 (Nominal) | 100.0 (Maximum) | | | | | | | | | | | | | | |
| Master: 22-Jan-2015 20:16 | | | | Before: 22-Jan-2015 20:28 | | | | After: 22-Jan-2015 21:03 | | | | | | | | | |

| | | | |
|--|------------------------------|--------------------|--------------------|
| Hostile Natural Gamma Ray Sonde Wellsite Calibration | | | |
| Ratio Of Detector 1 To Detector 2 | | | |
| Phase | Coincidence Count Rate Ratio | Value | |
| Master | | 0.9971 | |
| Before | | 1.002 | |
| After | | 1.007 | |
| | 0.9500 (Minimum) | 1.000 (Nominal) | 1.050 (Maximum) |
| Master: 22-Jan-2015 20:16 | | | |
| Before: 22-Jan-2015 20:28 | | | |
| After: 22-Jan-2015 21:03 | | | |

| | | |
|---|------------|------|
| Enhanced DTS Cartridge / Equipment Identification | | |
| Primary Equipment: | | |
| EDTC Gamma Ray Detector | EDTG - A/B | 8305 |
| Enhanced DTS Cartridge | EDTC - B | 8317 |
| Auxiliary Equipment: | | |
| EDTC Housing | EDTH - B | 8303 |

| | | | |
|---|-------------------------------|--------------------|--------------------|
| Enhanced DTS Cartridge Wellsite Calibration | | | |
| EDTC Accelerometer Calibration | | | |
| Phase | EDTC Z-Axis Acceleration M/S2 | Value | |
| Before | | 9.777 | |
| | 9.610 (Minimum) | 9.810 (Nominal) | 10.01 (Maximum) |
| Before: 10-Mar-2015 19:08 | | | |

| | | | | | | | | | |
|---|---------------------------|--------------------|--|----------------------------|--------------------|--------------------|-----------------------------|--------------------|--------------------|
| Enhanced DTS Cartridge Wellsite Calibration | | | | | | | | | |
| Detector Calibration | | | | | | | | | |
| Phase | Gamma Ray Background GAPI | Value | Phase | Gamma Ray (Jig - Bkg) GAPI | Value | Phase | Gamma Ray (Calibrated) GAPI | Value | |
| Before | | 11.66 | Before | | 155.6 | Before | | 165.0 | |
| After | | 8.711 | After | | 151.3 | After | | 160.5 | |
| | 0 (Minimum) | 30.00 (Nominal) | 120.0 (Maximum) | 141.5 (Minimum) | 155.6 (Nominal) | 169.7 (Maximum) | 150.0 (Minimum) | 165.0 (Nominal) | 180.0 (Maximum) |
| Before: 10-Mar-2015 19:00 | | | After: Calibration out of date 22-Jan-2015 21:00 | | | | | | |

Company: **Integrated Ocean Discovery Program**

Schlumberger

Well: **Expedition 354, Site U1453A**

Field: **Bengal Fan**

Rig: **JOIDES Resolution**

Country:

FMS-Sonic
Microresistivity,
Sonic P&S, Dipole Shear, Stoneley