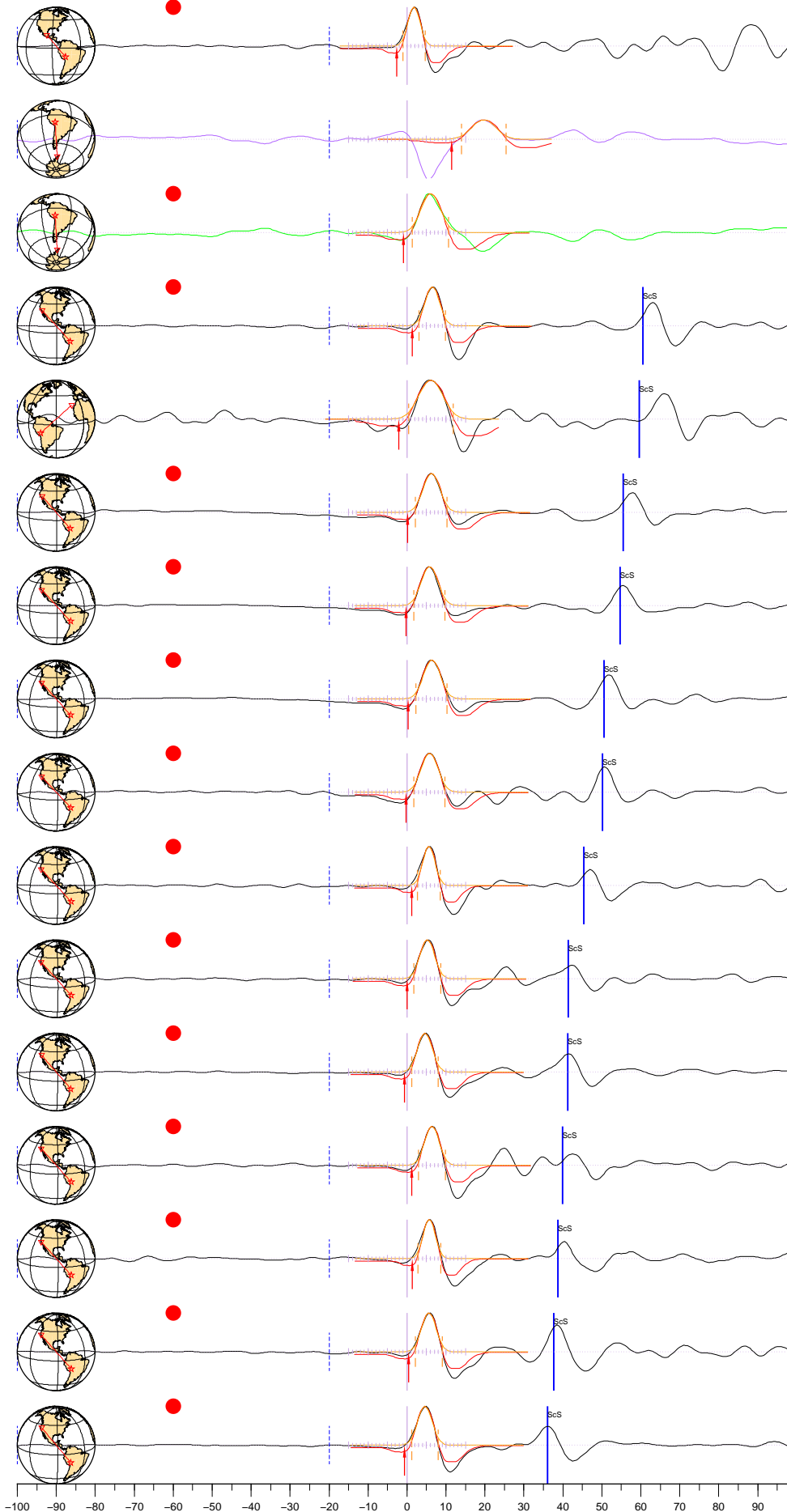


# Catalog Plot for 199401101553 PHASE: S COMP:T PAGE:1 in velocity filter: bp NUM: 50

EQ\_lat: -13.3 EQ\_lon: -69.4 EQ\_depth: 604.9 Mw: 6.9

flipped



UNM G 43.7 19.3 -99.2 misfit: 0.15/0.05/0.16  
ccc:0.87 SNR:29.64 CCC3: 0.99 dt:-2.6 gau\_factor: 15.5  
stretch\_ccc: 0.99 factor: 0.60 tstar: 0.50 ccc: 0.99  
AZ:317.3 weight: 0.50 polar: -0.27

PMSA IU 51.5 -64.8 -64.0 misfit: 0.94/0.03/0.34  
ccc:0.81 SNR:5.12 CCC3: 0.99 dt:11.5 gau\_factor: 30.6  
stretch\_ccc: 0.97 factor: 1.10 tstar: 0.01 ccc: 0.96  
AZ:177.1 weight: 0.28 polar: 0.13

PMSA\_PPP IU 51.5 -64.8 -64.0 misfit: 0.03/0.05/0.26  
ccc:0.95 SNR:9.95 CCC3: 0.99 dt:-0.9 gau\_factor: 24.6  
stretch\_ccc: 0.97 factor: 0.85 tstar: 0.80 ccc: 0.99  
AZ:177.1 weight: 0.70 polar: 0.13

PFO II 64.7 33.6 -116.5 misfit: 0.12/0.04/0.27  
ccc:0.92 SNR:34.44 CCC3: 0.99 dt:1.3 gau\_factor: 18.5  
stretch\_ccc: 0.99 factor: 0.60 tstar: 0.60 ccc: 1.00  
AZ:317.5 weight: 0.70 polar: -0.39

TBT IU 65.0 28.7 -17.9 misfit: 0.08/0.07/0.32  
ccc:0.97 SNR:7.34 CCC3: 0.99 dt:-2.1 gau\_factor: 30.6  
stretch\_ccc: 0.97 factor: 1.10 tstar: 0.01 ccc: 0.96  
AZ:49.4 weight: 1.00 polar: 0.27

GSC CI 66.0 35.3 -116.8 misfit: 0.04/0.03/0.16  
ccc:0.93 SNR:15.65 CCC3: 1.00 dt:0.2 gau\_factor: 21.6  
stretch\_ccc: 0.98 factor: 0.60 tstar: 0.70 ccc: 1.00  
AZ:318.8 weight: 0.70 polar: -0.39

PAS CI 66.2 34.1 -118.2 misfit: 0.04/0.04/0.16  
ccc:0.92 SNR:29.84 CCC3: 1.00 dt:-0.3 gau\_factor: 21.6  
stretch\_ccc: 0.99 factor: 0.60 tstar: 0.70 ccc: 1.00  
AZ:317.0 weight: 0.70 polar: -0.40

ISA CI 67.3 35.7 -118.5 misfit: 0.05/0.02/0.14  
ccc:0.94 SNR:32.46 CCC3: 1.00 dt:0.3 gau\_factor: 21.6  
stretch\_ccc: 0.98 factor: 0.60 tstar: 0.70 ccc: 1.00  
AZ:318.2 weight: 0.70 polar: -0.40

SBC CI 67.4 34.4 -119.7 misfit: 0.08/0.03/0.15  
ccc:0.94 SNR:28.74 CCC3: 1.00 dt:-0.3 gau\_factor: 21.6  
stretch\_ccc: 0.98 factor: 0.60 tstar: 0.70 ccc: 1.00  
AZ:316.5 weight: 0.70 polar: -0.41

PKD1 BK 68.7 35.9 -120.4 misfit: 0.13/0.06/0.22  
ccc:0.89 SNR:32.84 CCC3: 0.99 dt:1.2 gau\_factor: 15.4  
stretch\_ccc: 1.00 factor: 0.60 tstar: 0.50 ccc: 0.99  
AZ:317.3 weight: 0.50 polar: -0.41

SAO BK 69.9 36.8 -121.4 misfit: 0.09/0.05/0.15  
ccc:0.91 SNR:29.61 CCC3: 0.99 dt:-0.0 gau\_factor: 18.5  
stretch\_ccc: 1.00 factor: 0.60 tstar: 0.60 ccc: 1.00  
AZ:317.6 weight: 0.70 polar: -0.41

CMB BK 69.9 38.0 -120.4 misfit: 0.10/0.03/0.13  
ccc:0.91 SNR:39.96 CCC3: 1.00 dt:-0.6 gau\_factor: 18.5  
stretch\_ccc: 1.00 factor: 0.60 tstar: 0.60 ccc: 1.00  
AZ:319.2 weight: 0.70 polar: -0.40

MHC BK 70.3 37.3 -121.6 misfit: 0.07/0.03/0.27  
ccc:0.90 SNR:25.46 CCC3: 1.00 dt:1.2 gau\_factor: 18.5  
stretch\_ccc: 1.00 factor: 0.60 tstar: 0.60 ccc: 1.00  
AZ:318.0 weight: 0.70 polar: -0.41

STAN BK 70.7 37.4 -122.2 misfit: 0.10/0.07/0.21  
ccc:0.89 SNR:20.54 CCC3: 0.99 dt:1.3 gau\_factor: 15.4  
stretch\_ccc: 0.99 factor: 0.60 tstar: 0.50 ccc: 0.99  
AZ:317.8 weight: 0.50 polar: -0.42

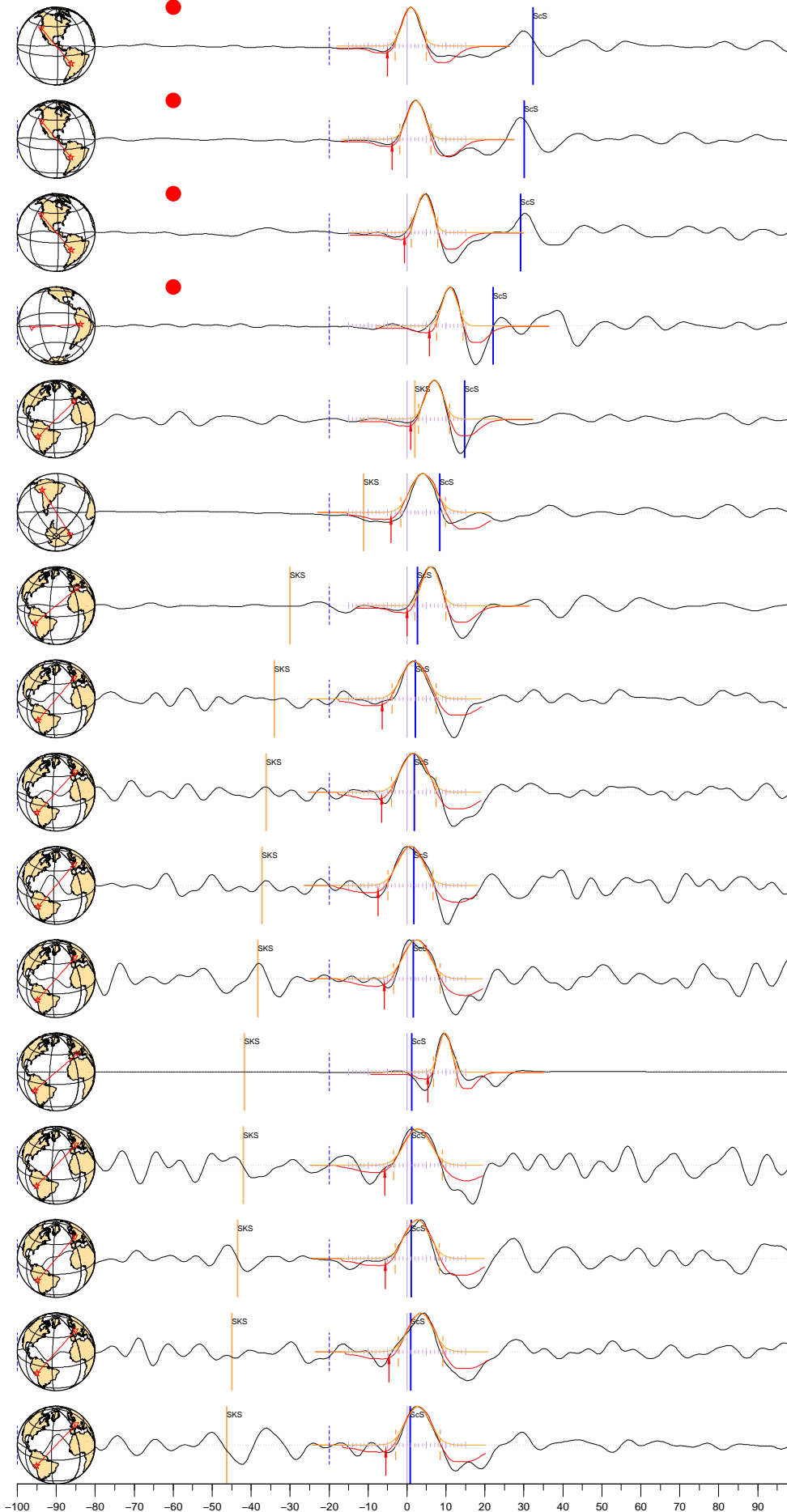
BKS BK 71.0 37.9 -122.2 misfit: 0.09/0.03/0.16  
ccc:0.91 SNR:38.08 CCC3: 0.99 dt:0.4 gau\_factor: 18.5  
stretch\_ccc: 1.00 factor: 0.60 tstar: 0.60 ccc: 1.00  
AZ:318.2 weight: 0.70 polar: -0.42

ORV BK 71.5 39.6 -121.5 misfit: 0.11/0.03/0.14  
ccc:0.91 SNR:42.48 CCC3: 0.99 dt:-0.6 gau\_factor: 18.5  
stretch\_ccc: 1.00 factor: 0.60 tstar: 0.60 ccc: 1.00  
AZ:320.0 weight: 0.70 polar: -0.41

## Catalog Plot for 199401101553 PHASE: S COMP:T PAGE:2 in velocity filter: bp NUM: 50

EQ\_lat: -13.3 EQ\_lon: -69.4 EQ\_depth: 604.9 Mw: 6.9

● flipped



WDC BK 72.8 40.6 -122.5 misfit: 0.06/0.03/0.13  
ccc:0.92 SNR:26.13 CCC3: 1.00 dt:-5.0 gau\_factor: 21.1  
stretch\_ccc: 0.99 factor: 0.60 tstar: 0.70 ccc: 1.00  
AZ:320.4 weight: 0.70 polar: -0.41

YBH BK 73.5 41.7 -122.7 misfit: 0.06/0.04/0.07  
ccc:0.95 SNR:25.11 CCC3: 1.00 dt:-3.8 gau\_factor: 21.1  
stretch\_ccc: 0.98 factor: 0.60 tstar: 0.70 ccc: 1.00  
AZ:321.3 weight: 0.70 polar: -0.41

ARC BK 73.9 40.9 -124.1 misfit: 0.09/0.04/0.22  
ccc:0.92 SNR:14.31 CCC3: 1.00 dt:-0.7 gau\_factor: 18.5  
stretch\_ccc: 0.99 factor: 0.60 tstar: 0.60 ccc: 1.00  
AZ:319.9 weight: 0.70 polar: -0.42

PPT G 76.9 -17.6 -149.6 misfit: 0.11/0.04/0.34  
ccc:0.90 SNR:26.81 CCC3: 0.99 dt:5.8 gau\_factor: 18.5  
stretch\_ccc: 0.99 factor: 0.60 tstar: 0.60 ccc: 0.99  
AZ:254.8 weight: 0.70 polar: -0.70

PAB IU 80.1 39.5 -4.3 misfit: 0.08/0.04/0.25  
ccc:0.93 SNR:6.55 CCC3: 0.99 dt:0.9 gau\_factor: 21.63  
stretch\_ccc: 0.99 factor: 0.60 tstar: 0.70 ccc: 1.00  
AZ:45.4 weight: 0.70 polar: 0.29

SYO PS 84.3 -69.0 39.6 misfit: 0.08/0.13/0.25  
ccc:0.97 SNR:26.69 CCC3: 0.99 dt:-4.1 gau\_factor: 30.6  
stretch\_ccc: 0.95 factor: 1.10 tstar: 0.01 ccc: 0.94  
AZ:160.0 weight: 1.00 polar: 0.45

VSL MN 89.9 39.5 9.4 misfit: 0.08/0.06/0.24  
ccc:0.96 SNR:20.04 CCC3: 1.00 dt:0.0 gau\_factor: 21.6  
stretch\_ccc: 0.97 factor: 0.60 tstar: 0.70 ccc: 0.99  
AZ:49.4 weight: 1.00 polar: 0.37

HGN NL 91.2 50.8 5.9 misfit: 0.10/0.09/0.30  
ccc:0.96 SNR:4.97 CCC3: 0.98 dt:-6.4 gau\_factor: 30.6  
stretch\_ccc: 0.96 factor: 1.10 tstar: 0.01 ccc: 0.95  
AZ:37.9 weight: 0.70 polar: 0.24

BFO GR 91.9 48.3 8.3 misfit: 0.17/0.07/0.28  
ccc:0.96 SNR:5.89 CCC3: 0.98 dt:-6.5 gau\_factor: 30.6  
stretch\_ccc: 0.96 factor: 1.10 tstar: 0.01 ccc: 0.95  
AZ:40.7 weight: 0.70 polar: 0.27

BUG GR 92.2 51.4 7.3 misfit: 0.13/0.06/0.20  
ccc:0.95 SNR:4.80 CCC3: 0.98 dt:-7.4 gau\_factor: 31.1  
stretch\_ccc: 0.97 factor: 1.10 tstar: 0.64 ccc: 0.95  
AZ:37.5 weight: 0.70 polar: 0.24

TNS GR 92.5 50.2 8.4 misfit: 0.14/0.10/0.27  
ccc:0.94 SNR:3.55 CCC3: 0.96 dt:-5.9 gau\_factor: 31.7  
stretch\_ccc: 0.95 factor: 1.10 tstar: 1.24 ccc: 0.93  
AZ:38.9 weight: 0.35 polar: 0.25

AQU MN 93.6 42.4 13.4 misfit: 0.18/0.06/0.25  
ccc:0.86 SNR:367.34 CCC3: 0.98 dt:5.3 gau\_factor: 15.1  
stretch\_ccc: 0.97 factor: 0.60 tstar: 0.50 ccc: 0.99  
AZ:47.5 weight: 0.50 polar: 0.36

FUR GR 93.7 48.2 11.3 misfit: 0.18/0.07/0.38  
ccc:0.96 SNR:2.78 CCC3: 0.98 dt:-5.7 gau\_factor: 32.4  
stretch\_ccc: 0.97 factor: 1.10 tstar: 2.09 ccc: 0.94  
AZ:41.5 weight: 0.20 polar: 0.28

CLZ GR 94.2 51.8 10.4 misfit: 0.11/0.10/0.22  
ccc:0.99 SNR:4.62 CCC3: 0.95 dt:-5.6 gau\_factor: 30.6  
stretch\_ccc: 0.99 factor: 1.10 tstar: 0.01 ccc: 0.95  
AZ:37.7 weight: 0.70 polar: 0.24

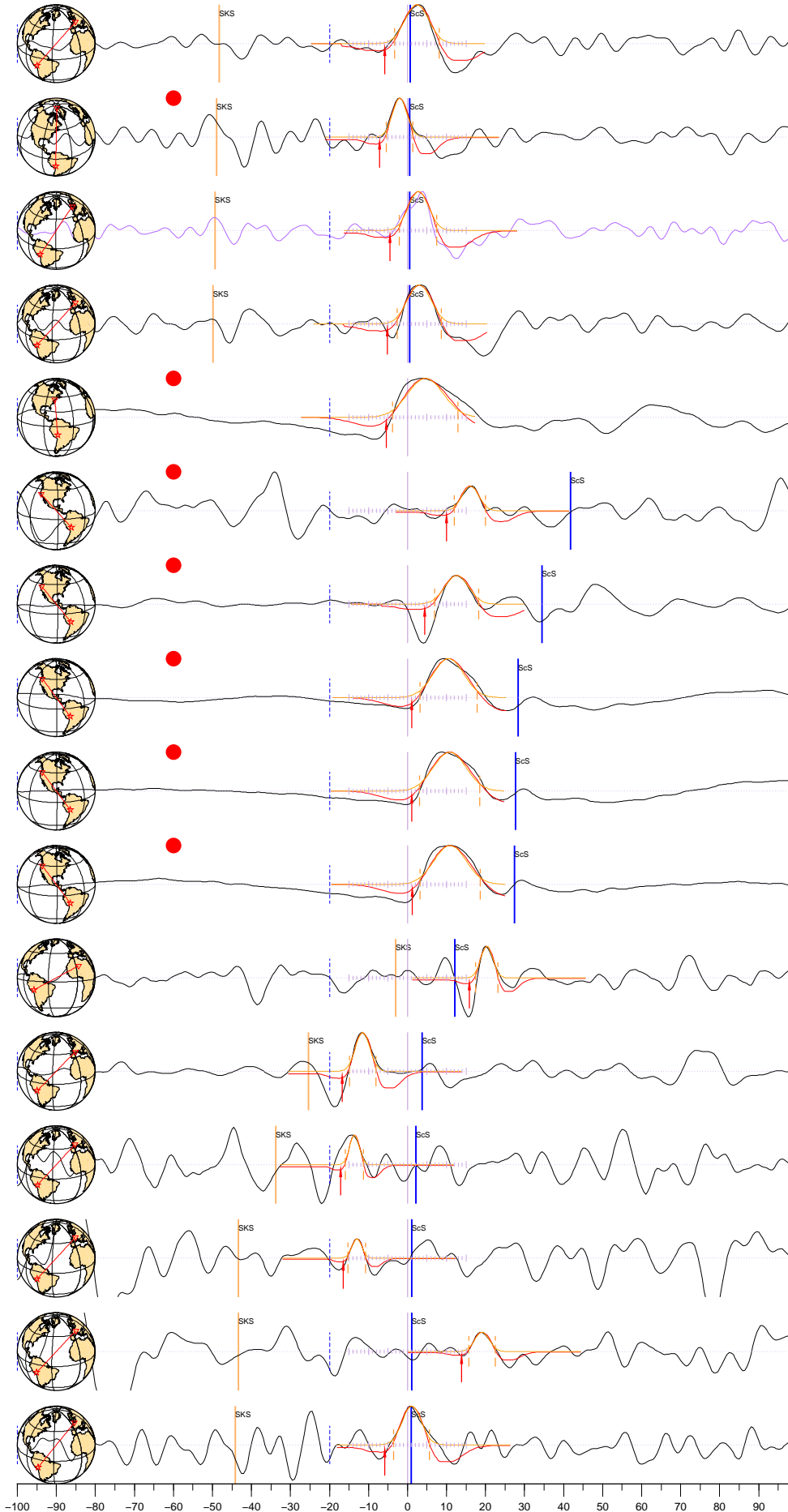
MOX GR 94.6 50.6 11.6 misfit: 0.12/0.10/0.19  
ccc:0.99 SNR:4.32 CCC3: 0.96 dt:-4.7 gau\_factor: 30.6  
stretch\_ccc: 0.99 factor: 1.10 tstar: 0.01 ccc: 0.95  
AZ:39.1 weight: 0.70 polar: 0.26

WET GR 95.0 49.1 12.9 misfit: 0.12/0.05/0.15  
ccc:0.97 SNR:3.29 CCC3: 1.00 dt:-5.4 gau\_factor: 30.6  
stretch\_ccc: 0.97 factor: 1.10 tstar: 0.01 ccc: 0.96  
AZ:40.8 weight: 0.20 polar: 0.28

## Catalog Plot for 199401101553 PHASE: S COMP:T PAGE:3 in velocity filter: bp NUM: 50

EQ\_lat: -13.3 EQ\_lon: -69.4 EQ\_depth: 604.9 Mw: 6.9

● flipped



CLL GR 95.6 51.3 13.0 misfit: 0.04/0.06/0.19  
ccc:0.99 SNR:5.08 CCC3: 0.98 dt:-5.8 gau\_factor: 30.6  
stretch\_ccc: 0.99 factor: 1.10 tstar: 0.01 ccc: 0.96  
AZ:38.7 weight: 0.70 polar: 0.25

ALE II 95.8 82.5 -62.3 misfit: 0.16/0.05/0.29  
ccc:0.90 SNR:2.61 CCC3: 1.00 dt:-7.2 gau\_factor: 18.5  
stretch\_ccc: 0.99 factor: 0.60 tstar: 0.60 ccc: 1.00  
AZ:0.9 weight: 0.00 polar: -0.16

KONO IU 95.9 59.6 9.6 misfit: 0.11/0.15/0.13  
ccc:0.96 SNR:4.15 CCC3: 0.93 dt:-4.5 gau\_factor: 26.0  
stretch\_ccc: 0.95 factor: 0.60 tstar: 0.85 ccc: 0.96  
AZ:30.1 weight: 0.50 polar: 0.15

BRG GR 96.1 50.9 13.9 misfit: 0.22/0.07/0.17  
ccc:0.98 SNR:4.03 CCC3: 0.99 dt:-5.2 gau\_factor: 30.6  
stretch\_ccc: 0.98 factor: 1.10 tstar: 0.01 ccc: 0.96  
AZ:39.3 weight: 0.50 polar: 0.26

PAL LD 54.2 41.0 -73.9 misfit: 0.31/0.11/0.32  
ccc:0.82 SNR:4.61 CCC3: 0.95 dt:-5.5 gau\_factor: 45.7  
stretch\_ccc: 0.93 factor: 1.85 tstar: 13.62 ccc: 0.82  
AZ:355.8 weight: 0.28 polar: -0.17

SCZ G 69.7 36.6 -121.4 misfit: 0.13/0.05/0.32  
ccc:0.90 SNR:0.98 CCC3: 0.98 dt:10.0 gau\_factor: 21.6  
stretch\_ccc: 0.99 factor: 0.60 tstar: 0.70 ccc: 0.99  
AZ:317.5 weight: 0.00 polar: -0.41

MIN BK 72.0 40.3 -121.6 misfit: 0.57/0.12/0.42  
ccc:0.94 SNR:11.74 CCC3: 0.97 dt:4.4 gau\_factor: 30.6  
stretch\_ccc: 0.96 factor: 1.10 tstar: 0.01 ccc: 0.95  
AZ:320.6 weight: 0.70 polar: -0.41

A44 XZ 74.1 44.4 -121.0 misfit: 0.07/0.08/0.07  
ccc:0.87 SNR:10.43 CCC3: 0.97 dt:1.1 gau\_factor: 39.4  
stretch\_ccc: 0.94 factor: 1.60 tstar: 8.44 ccc: 0.90  
AZ:324.3 weight: 0.50 polar: -0.39

A39 XZ 74.4 44.4 -121.5 misfit: 0.14/0.09/0.05  
ccc:0.84 SNR:15.54 CCC3: 0.97 dt:1.1 gau\_factor: 41.8  
stretch\_ccc: 0.95 factor: 1.60 tstar: 10.50 ccc: 0.88  
AZ:324.0 weight: 0.40 polar: -0.40

A375 XZ 74.5 44.4 -121.7 misfit: 0.22/0.10/0.03  
ccc:0.84 SNR:8.64 CCC3: 0.97 dt:1.2 gau\_factor: 41.52  
stretch\_ccc: 0.97 factor: 1.60 tstar: 10.20 ccc: 0.89  
AZ:324.0 weight: 0.40 polar: -0.40

TAM G 81.7 22.8 5.5 misfit: 0.63/0.11/0.19  
ccc:0.52 SNR:4.62 CCC3: 0.96 dt:15.9 gau\_factor: 15.4  
stretch\_ccc: 0.95 factor: 0.35 tstar: 0.50 ccc: 0.99  
AZ:64.2 weight: 0.00 polar: 0.51

SSB G 88.4 45.3 4.5 misfit: 0.48/0.05/0.36  
ccc:0.88 SNR:5.34 CCC3: 0.99 dt:-16.7 gau\_factor: 18.5  
stretch\_ccc: 0.98 factor: 0.60 tstar: 0.60 ccc: 0.99  
AZ:42.7 weight: 0.25 polar: 0.29

ECH G 91.1 48.2 7.2 misfit: 0.52/0.20/0.17  
ccc:0.67 SNR:0.94 CCC3: 0.92 dt:-17.1 gau\_factor: 12.5  
stretch\_ccc: 0.93 factor: 0.35 tstar: 0.40 ccc: 0.96  
AZ:40.6 weight: 0.00 polar: 0.27

GRA1 GR 94.1 49.7 11.2 misfit: 0.28/0.01/0.27  
ccc:0.53 SNR:0.39 CCC3: 0.99 dt:-16.5 gau\_factor: 12.5  
stretch\_ccc: 0.98 factor: 0.35 tstar: 0.40 ccc: 1.00  
AZ:40.0 weight: 0.00 polar: 0.27

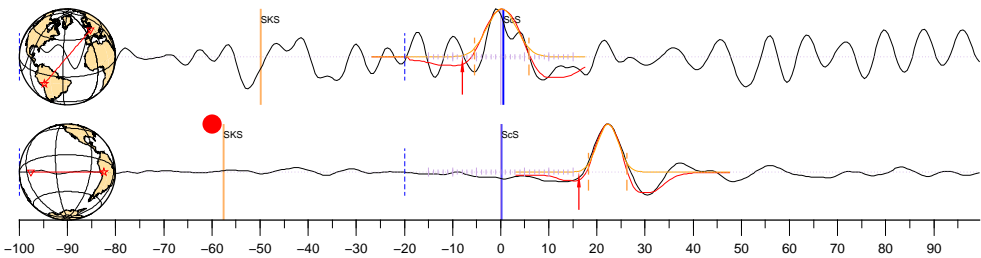
GRC1 GR 94.1 49.0 11.5 misfit: 0.18/0.04/0.18  
ccc:0.75 SNR:0.49 CCC3: 0.99 dt:13.9 gau\_factor: 18.5  
stretch\_ccc: 0.98 factor: 0.60 tstar: 0.60 ccc: 1.00  
AZ:40.7 weight: 0.00 polar: 0.27

HAM GR 94.4 53.5 9.9 misfit: 0.19/0.06/0.20  
ccc:0.95 SNR:1.95 CCC3: 0.98 dt:-5.9 gau\_factor: 24.6  
stretch\_ccc: 0.97 factor: 0.85 tstar: 0.80 ccc: 0.99  
AZ:36.1 weight: 0.00 polar: 0.22

Catalog Plot for 199401101553 PHASE: S COMP:T PAGE:4 in velocity filter: bp NUM: 50

EQ\_lat: -13.3 EQ\_lon: -69.4 EQ\_depth: 604.9 Mw: 6.9

flipped



BRNL GR 96.1 52.4 13.4 misfit: 0.30/0.25/0.12  
ccc:0.82 SNR:2.17 CCC3: 0.84 dt:-8.0 gau\_factor: 30.6  
stretch\_ccc: 0.88 factor: 3.10 tstar: 0.01 ccc: 0.87  
AZ:37.7 weight: 0.00 polar: 0.24

AFI IU 98.5 -13.9 -171.8 misfit: 0.11/0.38/0.17  
ccc:0.52 SNR:22.03 CCC3: 1.00 dt:16.2 gau\_factor: 21.1  
stretch\_ccc: 0.96 factor: 0.60 tstar: 0.70 ccc: 0.99  
AZ:253.5 weight: 0.00 polar: -0.75