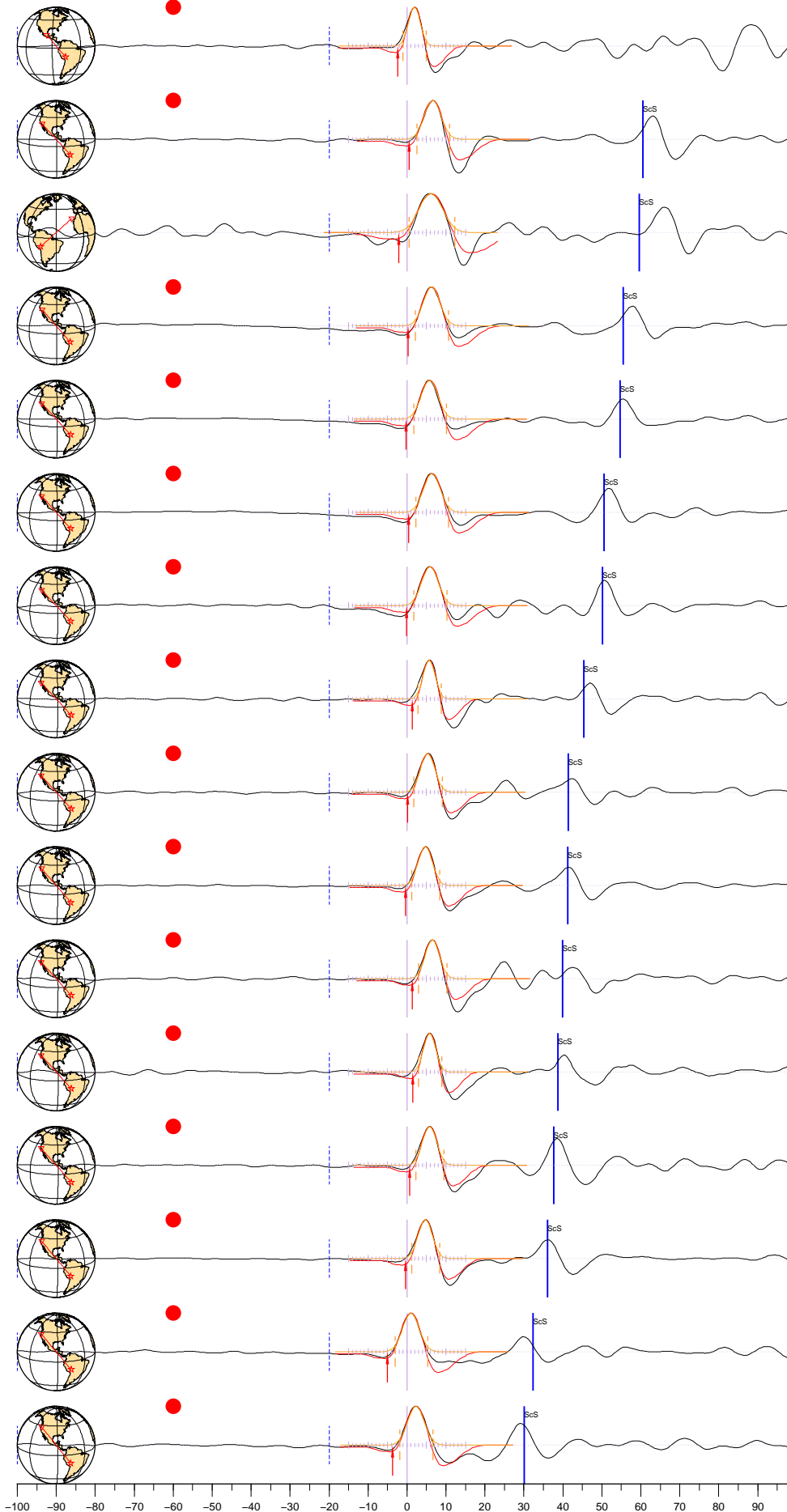


# Catalog Plot for 199401101553 PHASE: S COMP:T PAGE:1 in velocity filter: bp NUM: 49

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: 0.13/0.05/0.12  
ccc:0.88 SNR:29.07 CCC3: 0.99 dt:-2.4 gau\_factor: 15.1  
stretch\_ccc: 1.00 factor: 0.60 tstar: 0.50 ccc: 0.99  
AZ:317.3 weight: 0.50 polar: -0.72

PFO II 64.7 33.6 -116.5 misfit: 0.09/0.06/0.21  
ccc:0.93 SNR:30.81 CCC3: 0.98 dt:0.6 gau\_factor: 21.1  
stretch\_ccc: 0.99 factor: 0.60 tstar: 0.70 ccc: 1.00  
AZ:317.5 weight: 0.70 polar: -0.72

TBT IU 65.0 28.7 -17.9 misfit: 0.10/0.06/0.30  
ccc:0.97 SNR:7.25 CCC3: 0.99 dt:-2.1 gau\_factor: 30.0  
stretch\_ccc: 0.98 factor: 1.10 tstar: 0.01 ccc: 0.96  
AZ:49.4 weight: 1.00 polar: 0.56

GSC CI 66.0 35.3 -116.8 misfit: 0.05/0.03/0.21  
ccc:0.94 SNR:15.18 CCC3: 1.00 dt:0.3 gau\_factor: 21.1  
stretch\_ccc: 0.98 factor: 0.60 tstar: 0.70 ccc: 1.00  
AZ:318.8 weight: 0.70 polar: -0.70

PAS CI 66.2 34.1 -118.2 misfit: 0.06/0.03/0.22  
ccc:0.93 SNR:28.84 CCC3: 1.00 dt:-0.2 gau\_factor: 21.1  
stretch\_ccc: 0.99 factor: 0.60 tstar: 0.70 ccc: 1.00  
AZ:317.0 weight: 0.70 polar: -0.72

ISA CI 67.3 35.7 -118.5 misfit: 0.06/0.04/0.19  
ccc:0.95 SNR:31.57 CCC3: 0.99 dt:0.4 gau\_factor: 21.1  
stretch\_ccc: 0.97 factor: 0.60 tstar: 0.70 ccc: 1.00  
AZ:318.2 weight: 0.70 polar: -0.71

SBC CI 67.4 34.4 -119.7 misfit: 0.09/0.03/0.21  
ccc:0.95 SNR:27.65 CCC3: 1.00 dt:-0.1 gau\_factor: 21.1  
stretch\_ccc: 0.98 factor: 0.60 tstar: 0.70 ccc: 1.00  
AZ:316.5 weight: 0.70 polar: -0.72

PKD1 BK 68.7 35.9 -120.4 misfit: 0.12/0.06/0.19  
ccc:0.90 SNR:32.13 CCC3: 0.98 dt:1.4 gau\_factor: 15.1  
stretch\_ccc: 1.00 factor: 0.60 tstar: 0.50 ccc: 0.99  
AZ:317.3 weight: 0.70 polar: -0.72

SAO BK 69.9 36.8 -121.4 misfit: 0.07/0.05/0.10  
ccc:0.93 SNR:28.55 CCC3: 1.00 dt:0.2 gau\_factor: 18.1  
stretch\_ccc: 1.00 factor: 0.60 tstar: 0.60 ccc: 1.00  
AZ:317.6 weight: 0.70 polar: -0.71

CMB BK 69.9 38.0 -120.4 misfit: 0.09/0.03/0.08  
ccc:0.92 SNR:38.56 CCC3: 1.00 dt:-0.4 gau\_factor: 18.1  
stretch\_ccc: 1.00 factor: 0.60 tstar: 0.60 ccc: 1.00  
AZ:319.2 weight: 0.70 polar: -0.70

MHC BK 70.3 37.3 -121.6 misfit: 0.05/0.04/0.23  
ccc:0.91 SNR:24.63 CCC3: 0.99 dt:1.4 gau\_factor: 18.1  
stretch\_ccc: 1.00 factor: 0.60 tstar: 0.60 ccc: 1.00  
AZ:318.0 weight: 0.70 polar: -0.71

STAN BK 70.7 37.4 -122.2 misfit: 0.10/0.08/0.21  
ccc:0.90 SNR:20.22 CCC3: 0.99 dt:1.5 gau\_factor: 15.1  
stretch\_ccc: 1.00 factor: 0.60 tstar: 0.50 ccc: 0.99  
AZ:317.8 weight: 0.70 polar: -0.71

BKS BK 71.0 37.9 -122.2 misfit: 0.08/0.02/0.12  
ccc:0.92 SNR:36.75 CCC3: 0.99 dt:0.7 gau\_factor: 18.1  
stretch\_ccc: 1.00 factor: 0.60 tstar: 0.60 ccc: 1.00  
AZ:318.2 weight: 0.70 polar: -0.71

ORV BK 71.5 39.6 -121.5 misfit: 0.09/0.03/0.09  
ccc:0.93 SNR:41.04 CCC3: 0.99 dt:-0.4 gau\_factor: 18.1  
stretch\_ccc: 1.00 factor: 0.60 tstar: 0.60 ccc: 1.00  
AZ:320.0 weight: 0.70 polar: -0.69

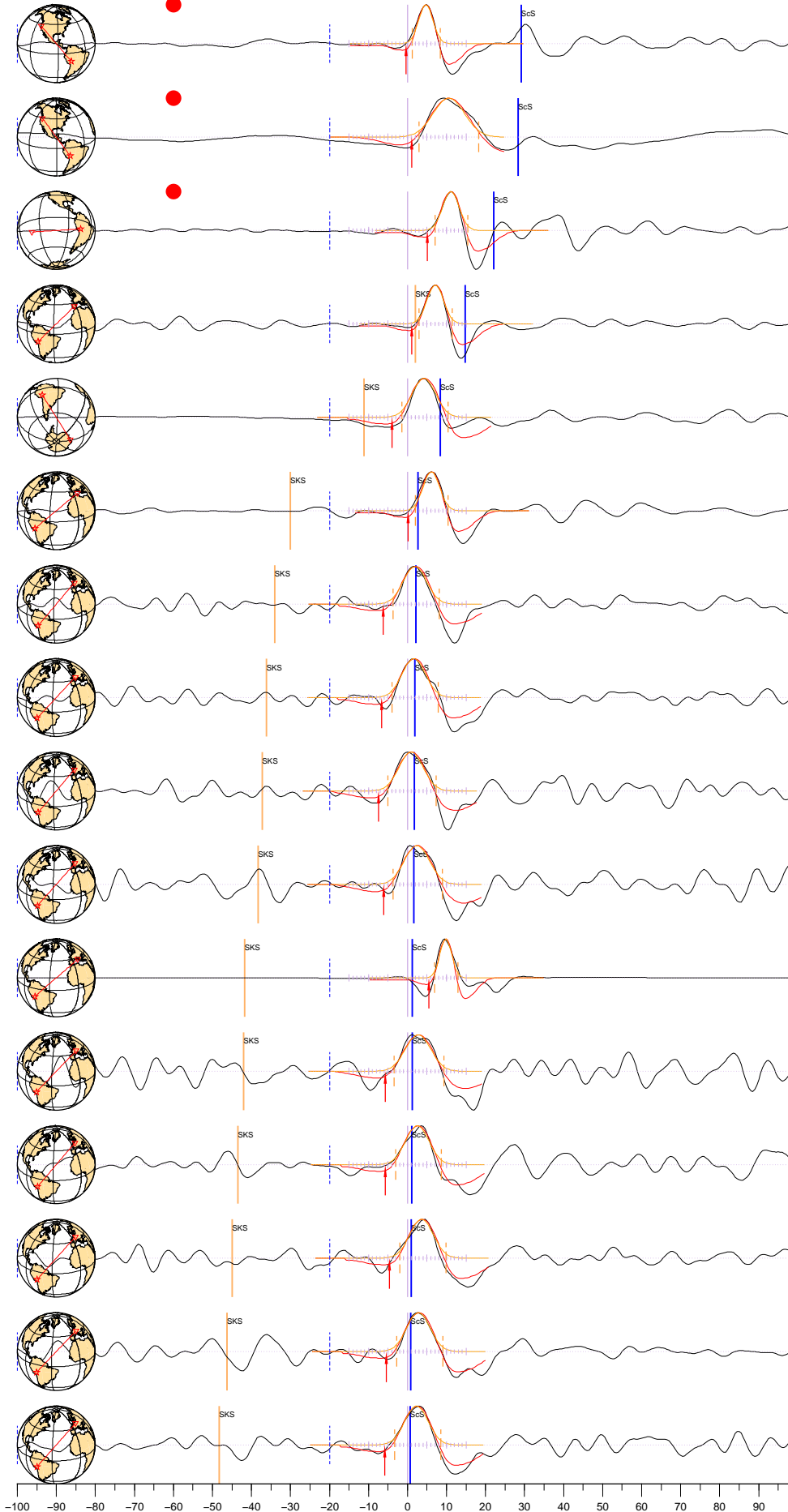
WDC BK 72.8 40.6 -122.5 misfit: 0.04/0.03/0.18  
ccc:0.93 SNR:25.36 CCC3: 1.00 dt:-5.0 gau\_factor: 21.1  
stretch\_ccc: 0.98 factor: 0.60 tstar: 0.70 ccc: 1.00  
AZ:320.4 weight: 0.70 polar: -0.69

YBH BK 73.5 41.7 -122.7 misfit: 0.05/0.05/0.10  
ccc:0.95 SNR:24.50 CCC3: 0.99 dt:-3.7 gau\_factor: 21.1  
stretch\_ccc: 0.97 factor: 0.60 tstar: 0.70 ccc: 1.00  
AZ:321.3 weight: 1.00 polar: -0.68

## Catalog Plot for 199401101553 PHASE: S COMP:T PAGE:2 in velocity filter: bp NUM: 49

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

● flipped



ARC BK 73.9 40.9 -124.1 misfit: 0.08/0.03/0.19  
ccc:0.93 SNR:13.80 CCC3: 0.99 dt:-0.4 gau\_factor: 18.  
stretch\_ccc: 0.99 factor: 0.60 tstar: 0.60 ccc: 1.00  
AZ:319.9 weight: 0.70 polar: -0.69

A44 XZ 74.1 44.4 -121.0 misfit: 0.09/0.08/0.08  
ccc:0.86 SNR:10.28 CCC3: 0.97 dt:1.1 gau\_factor: 40.1  
stretch\_ccc: 0.93 factor: 3.60 tstar: 10.20 ccc: 0.94  
AZ:324.3 weight: 0.50 polar: -0.65

PPT G 76.9 -17.6 -149.6 misfit: 0.06/0.06/0.31  
ccc:0.92 SNR:24.13 CCC3: 0.97 dt:5.1 gau\_factor: 21.1  
stretch\_ccc: 0.99 factor: 0.60 tstar: 0.70 ccc: 1.00  
AZ:254.8 weight: 0.70 polar: -0.80

PAB IU 80.1 39.5 -4.3 misfit: 0.07/0.03/0.22  
ccc:0.94 SNR:6.42 CCC3: 0.99 dt:1.1 gau\_factor: 21.18  
stretch\_ccc: 0.98 factor: 0.60 tstar: 0.70 ccc: 1.00  
AZ:45.4 weight: 0.70 polar: 0.51

SYO PS 84.3 -69.0 39.6 misfit: 0.09/0.12/0.28  
ccc:0.98 SNR:26.29 CCC3: 0.99 dt:-4.0 gau\_factor: 30.  
stretch\_ccc: 0.96 factor: 1.10 tstar: 0.01 ccc: 0.95  
AZ:160.0 weight: 1.00 polar: 0.46

VSL MN 89.9 39.5 9.4 misfit: 0.06/0.07/0.20  
ccc:0.97 SNR:19.41 CCC3: 1.00 dt:0.1 gau\_factor: 21.1  
stretch\_ccc: 0.96 factor: 0.60 tstar: 0.70 ccc: 0.99  
AZ:49.4 weight: 1.00 polar: 0.56

HGN NL 91.2 50.8 5.9 misfit: 0.09/0.08/0.25  
ccc:0.97 SNR:4.88 CCC3: 0.98 dt:-6.3 gau\_factor: 30.0  
stretch\_ccc: 0.97 factor: 1.10 tstar: 0.01 ccc: 0.95  
AZ:37.9 weight: 0.70 polar: 0.41

BFO GR 91.9 48.3 8.3 misfit: 0.15/0.08/0.24  
ccc:0.96 SNR:5.81 CCC3: 0.96 dt:-6.6 gau\_factor: 30.0  
stretch\_ccc: 0.97 factor: 1.10 tstar: 0.01 ccc: 0.95  
AZ:40.7 weight: 0.70 polar: 0.45

BUG GR 92.2 51.4 7.3 misfit: 0.12/0.06/0.20  
ccc:0.95 SNR:4.60 CCC3: 0.98 dt:-7.4 gau\_factor: 31.1  
stretch\_ccc: 0.97 factor: 1.10 tstar: 1.43 ccc: 0.95  
AZ:37.5 weight: 0.49 polar: 0.40

TNS GR 92.5 50.2 8.4 misfit: 0.13/0.11/0.25  
ccc:0.93 SNR:3.44 CCC3: 0.96 dt:-6.1 gau\_factor: 32.2  
stretch\_ccc: 0.95 factor: 1.10 tstar: 2.72 ccc: 0.93  
AZ:38.9 weight: 0.35 polar: 0.42

AQU MN 93.6 42.4 13.4 misfit: 0.19/0.09/0.28  
ccc:0.88 SNR:362.62 CCC3: 0.96 dt:5.5 gau\_factor: 15.  
stretch\_ccc: 0.97 factor: 0.60 tstar: 0.50 ccc: 0.98  
AZ:47.5 weight: 0.50 polar: 0.53

FUR GR 93.7 48.2 11.3 misfit: 0.18/0.08/0.36  
ccc:0.95 SNR:2.73 CCC3: 0.98 dt:-5.7 gau\_factor: 32.4  
stretch\_ccc: 0.97 factor: 1.10 tstar: 2.94 ccc: 0.94  
AZ:41.5 weight: 0.20 polar: 0.46

CLZ GR 94.2 51.8 10.4 misfit: 0.11/0.09/0.20  
ccc:0.99 SNR:4.55 CCC3: 0.97 dt:-5.7 gau\_factor: 30.0  
stretch\_ccc: 0.99 factor: 1.10 tstar: 0.01 ccc: 0.95  
AZ:37.7 weight: 0.70 polar: 0.41

MOX GR 94.6 50.6 11.6 misfit: 0.12/0.09/0.13  
ccc:1.00 SNR:4.25 CCC3: 0.96 dt:-4.6 gau\_factor: 30.0  
stretch\_ccc: 0.99 factor: 1.10 tstar: 0.01 ccc: 0.95  
AZ:39.1 weight: 0.70 polar: 0.42

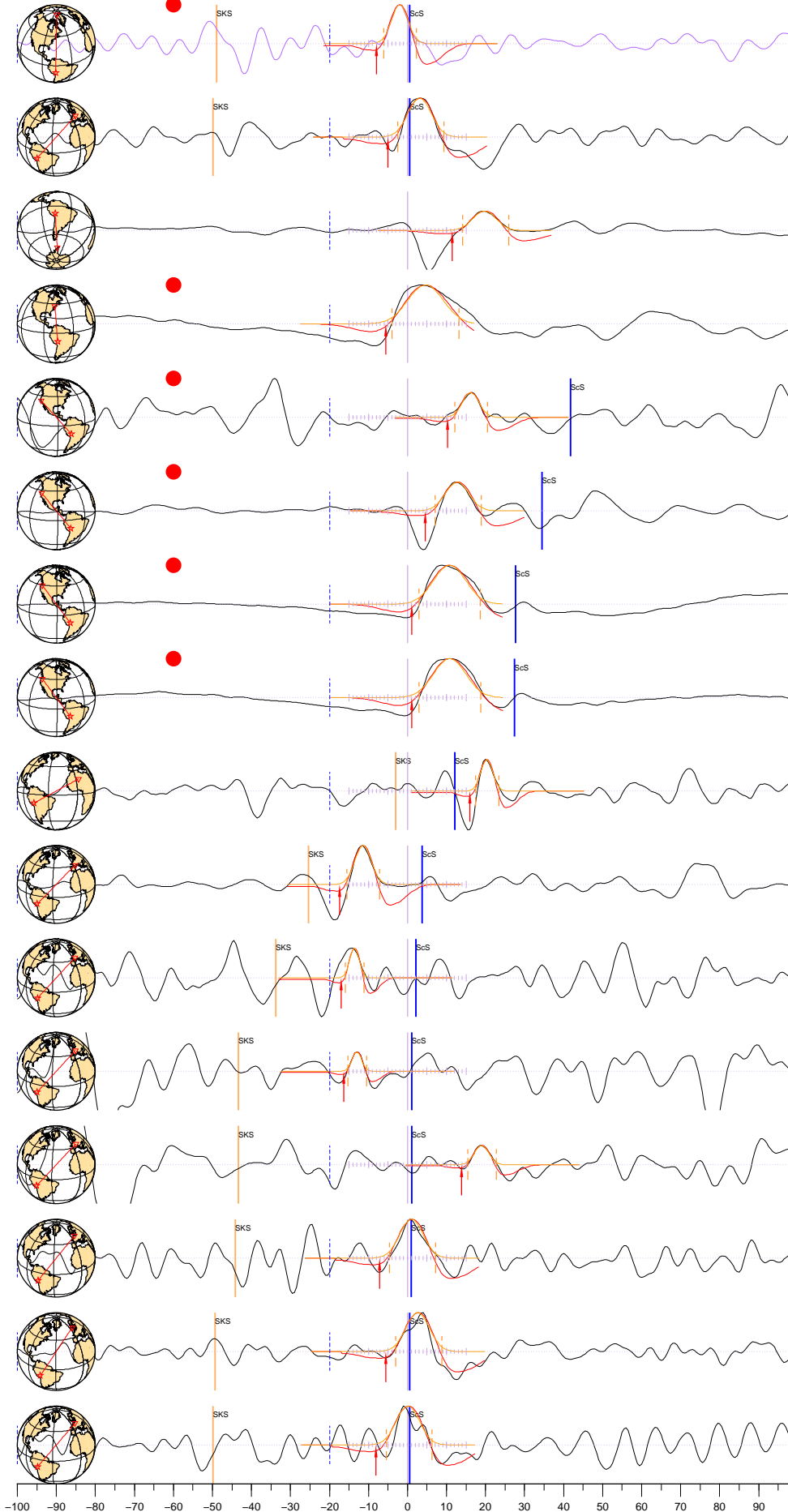
WET GR 95.0 49.1 12.9 misfit: 0.12/0.05/0.12  
ccc:0.98 SNR:3.19 CCC3: 0.99 dt:-5.4 gau\_factor: 30.0  
stretch\_ccc: 0.98 factor: 1.10 tstar: 0.01 ccc: 0.96  
AZ:40.8 weight: 0.20 polar: 0.45

CLL GR 95.6 51.3 13.0 misfit: 0.04/0.05/0.14  
ccc:0.99 SNR:4.99 CCC3: 0.99 dt:-5.9 gau\_factor: 30.0  
stretch\_ccc: 0.99 factor: 1.10 tstar: 0.01 ccc: 0.96  
AZ:38.7 weight: 0.70 polar: 0.42

## Catalog Plot for 199401101553 PHASE: S COMP:T PAGE:3 in velocity filter: bp NUM: 49

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

● flipped



ALE II 95.8 82.5 -62.3 misfit: 0.16/0.05/0.29  
ccc:0.91 SNR:2.34 CCC3: 0.98 dt:-8.0 gau\_factor: 21.1  
stretch\_ccc: 0.98 factor: 0.60 tstar: 0.70 ccc: 1.00  
AZ:0.9 weight: 0.00 polar: -0.15

BRG GR 96.1 50.9 13.9 misfit: 0.20/0.06/0.22  
ccc:0.98 SNR:3.94 CCC3: 0.99 dt:-5.1 gau\_factor: 30.0  
stretch\_ccc: 0.98 factor: 1.10 tstar: 0.01 ccc: 0.96  
AZ:39.3 weight: 0.50 polar: 0.43

PMSA IU 51.5 -64.8 -64.0 misfit: 0.94/0.04/0.40  
ccc:0.82 SNR:4.99 CCC3: 0.98 dt:11.5 gau\_factor: 30.0  
stretch\_ccc: 0.97 factor: 1.10 tstar: 0.01 ccc: 0.96  
AZ:177.1 weight: 0.28 polar: 0.21

PAL LD 54.2 41.0 -73.9 misfit: 0.33/0.12/0.35  
ccc:0.81 SNR:4.58 CCC3: 0.93 dt:-5.6 gau\_factor: 45.4  
stretch\_ccc: 0.93 factor: 1.85 tstar: 14.75 ccc: 0.82  
AZ:355.8 weight: 0.28 polar: -0.23

SCZ G 69.7 36.6 -121.4 misfit: 0.14/0.05/0.37  
ccc:0.91 SNR:0.94 CCC3: 0.98 dt:10.2 gau\_factor: 21.1  
stretch\_ccc: 0.99 factor: 0.60 tstar: 0.70 ccc: 1.00  
AZ:317.5 weight: 0.00 polar: -0.72

MIN BK 72.0 40.3 -121.6 misfit: 0.56/0.10/0.47  
ccc:0.94 SNR:11.16 CCC3: 0.95 dt:4.5 gau\_factor: 30.0  
stretch\_ccc: 0.97 factor: 1.10 tstar: 0.01 ccc: 0.95  
AZ:320.6 weight: 0.70 polar: -0.69

A39 XZ 74.4 44.4 -121.5 misfit: 0.16/0.10/0.07  
ccc:0.83 SNR:15.38 CCC3: 0.96 dt:1.1 gau\_factor: 41.5  
stretch\_ccc: 0.95 factor: 1.60 tstar: 11.44 ccc: 0.88  
AZ:324.0 weight: 0.40 polar: -0.65

A375 XZ 74.5 44.4 -121.7 misfit: 0.24/0.10/0.03  
ccc:0.83 SNR:8.54 CCC3: 0.96 dt:1.1 gau\_factor: 41.52  
stretch\_ccc: 0.97 factor: 1.60 tstar: 11.40 ccc: 0.88  
AZ:324.0 weight: 0.40 polar: -0.65

TAM G 81.7 22.8 5.5 misfit: 0.63/0.13/0.24  
ccc:0.53 SNR:4.60 CCC3: 0.94 dt:16.0 gau\_factor: 15.1  
stretch\_ccc: 0.96 factor: 0.60 tstar: 0.50 ccc: 0.99  
AZ:64.2 weight: 0.00 polar: 0.72

SSB G 88.4 45.3 4.5 misfit: 0.42/0.08/0.38  
ccc:0.89 SNR:4.77 CCC3: 0.97 dt:-17.4 gau\_factor: 21.1  
stretch\_ccc: 0.98 factor: 0.60 tstar: 0.70 ccc: 0.99  
AZ:42.7 weight: 0.25 polar: 0.47

ECH G 91.1 48.2 7.2 misfit: 0.54/0.22/0.23  
ccc:0.69 SNR:0.94 CCC3: 0.92 dt:-17.0 gau\_factor: 12.1  
stretch\_ccc: 0.93 factor: 0.35 tstar: 0.40 ccc: 0.96  
AZ:40.6 weight: 0.00 polar: 0.44

GRA1 GR 94.1 49.7 11.2 misfit: 0.28/0.02/0.22  
ccc:0.54 SNR:0.38 CCC3: 0.99 dt:-16.4 gau\_factor: 12.1  
stretch\_ccc: 0.98 factor: 0.35 tstar: 0.40 ccc: 1.00  
AZ:40.0 weight: 0.00 polar: 0.44

GRC1 GR 94.1 49.0 11.5 misfit: 0.17/0.05/0.17  
ccc:0.76 SNR:0.47 CCC3: 0.98 dt:13.9 gau\_factor: 18.1  
stretch\_ccc: 0.98 factor: 0.60 tstar: 0.60 ccc: 1.00  
AZ:40.7 weight: 0.00 polar: 0.45

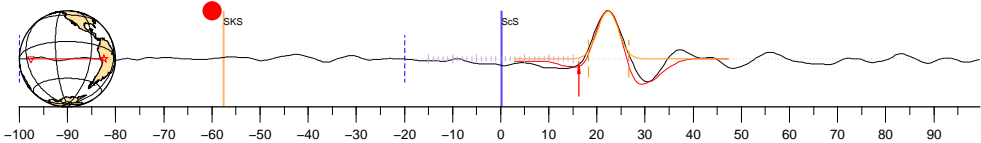
HAM GR 94.4 53.5 9.9 misfit: 0.22/0.11/0.29  
ccc:0.95 SNR:1.78 CCC3: 0.97 dt:-7.2 gau\_factor: 30.0  
stretch\_ccc: 0.96 factor: 1.10 tstar: 0.01 ccc: 0.94  
AZ:36.1 weight: 0.00 polar: 0.38

KONO IU 95.9 59.6 9.6 misfit: 0.13/0.18/0.11  
ccc:0.97 SNR:3.85 CCC3: 0.93 dt:-5.6 gau\_factor: 30.0  
stretch\_ccc: 0.96 factor: 1.10 tstar: 0.01 ccc: 0.92  
AZ:30.1 weight: 0.50 polar: 0.30

BRNL GR 96.1 52.4 13.4 misfit: 0.31/0.25/0.13  
ccc:0.83 SNR:2.11 CCC3: 0.83 dt:-8.1 gau\_factor: 30.0  
stretch\_ccc: 0.88 factor: 3.10 tstar: 0.01 ccc: 0.86  
AZ:37.7 weight: 0.00 polar: 0.40

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

flipped



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AFI IU 98.5 -13.9 -171.8 misfit: 0.13/0.38/0.14  
ccc:0.53 SNR:21.52 CCC3: 0.99 dt:16.3 gau\_factor: 21.  
stretch\_ccc: 0.95 factor: 0.60 tstar: 0.70 ccc: 0.99  
AZ:253.5 weight: 0.00 polar: -0.79