

Shornclif-Candadian Land Acquisition

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ABSTRACT

Dense arrays of receivers.

Raw Data On tape **CMP gather** /data_/shorncliff_land_3dgeom/wind.H

Velocity Model /data_3d/shorncliff_land_3dgeom/rms.H

Stack /data_3d/shorncliff_land_3dgeom/stack.H

Usage Nizar's thesis

Geometry

```
-----
                ***** shorn_sort.H *****
          4 -esize           Synched           data_format-xdr_float
-----
n1=1000                o1=0.000000          d1=0.002000          label1=time
n2=1440633             o2=1.000000          d2=1.000000          label2=trace_number
Data: in=/scrka3/bob/shorn_sort.H@
      1440633 elements, 5762532000 bytes in data file
-----
keynumber=1           keytype=scalar_int           keyname=sx
keynumber=2           keytype=scalar_int           keyname=sy
keynumber=3           keytype=scalar_int           keyname=gx
keynumber=4           keytype=scalar_int           keyname=gy
keynumber=5           keytype=scalar_int           keyname=cdp
keynumber=6           keytype=scalar_int           keyname=offset
keynumber=7           keytype=scalar_int           keyname=sstat
keynumber=8           keytype=scalar_int           keyname=gstat
keynumber=9           keytype=scalar_float         keyname=s_x
keynumber=10          keytype=scalar_float         keyname=g_x
keynumber=11          keytype=scalar_float         keyname=s_y
keynumber=12          keytype=scalar_float         keyname=g_y
keynumber=13          keytype=scalar_float         keyname=cmp_x
keynumber=14          keytype=scalar_float         keyname=cmp_y
keynumber=15          keytype=scalar_float         keyname=aoffset
keynumber=16          keytype=scalar_float         keyname=azimuth
keynumber=17          keytype=scalar_int           keyname=data_record_number
```

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```

n2=1440633      o2=1.000000      d2=1.000000      label2=trace_number
Headers in=/scrka3/bob/shorn_sort.H@@@
  24490761 elements,    97963044 bytes in data file
-----
grid axis2      n2=129      o2=1.000000      d2=1.000000      label2=trace_in_bin
grid axis3      n3=61      o3=0.000000      d3=50.000000      label3=aoffset
grid axis4      n4=33      o4=-1.600000      d4=0.100000      label4=azimuth
grid axis5      n5=40      o5=500.000000      d5=75.000000      label5=cmp_x
grid axis6      n6=40      o6=700.000000      d6=120.000000      label6=cmp_y
Grid   in=/scrka3/bob/shorn_sort.H@@@@@
  415483200 elements,  1661932800 bytes in data file
-----
-----

```

Problem**History of Data****Preprocessing** Nmo, Statics**Proprietary Considerations** ????**REFERENCES**

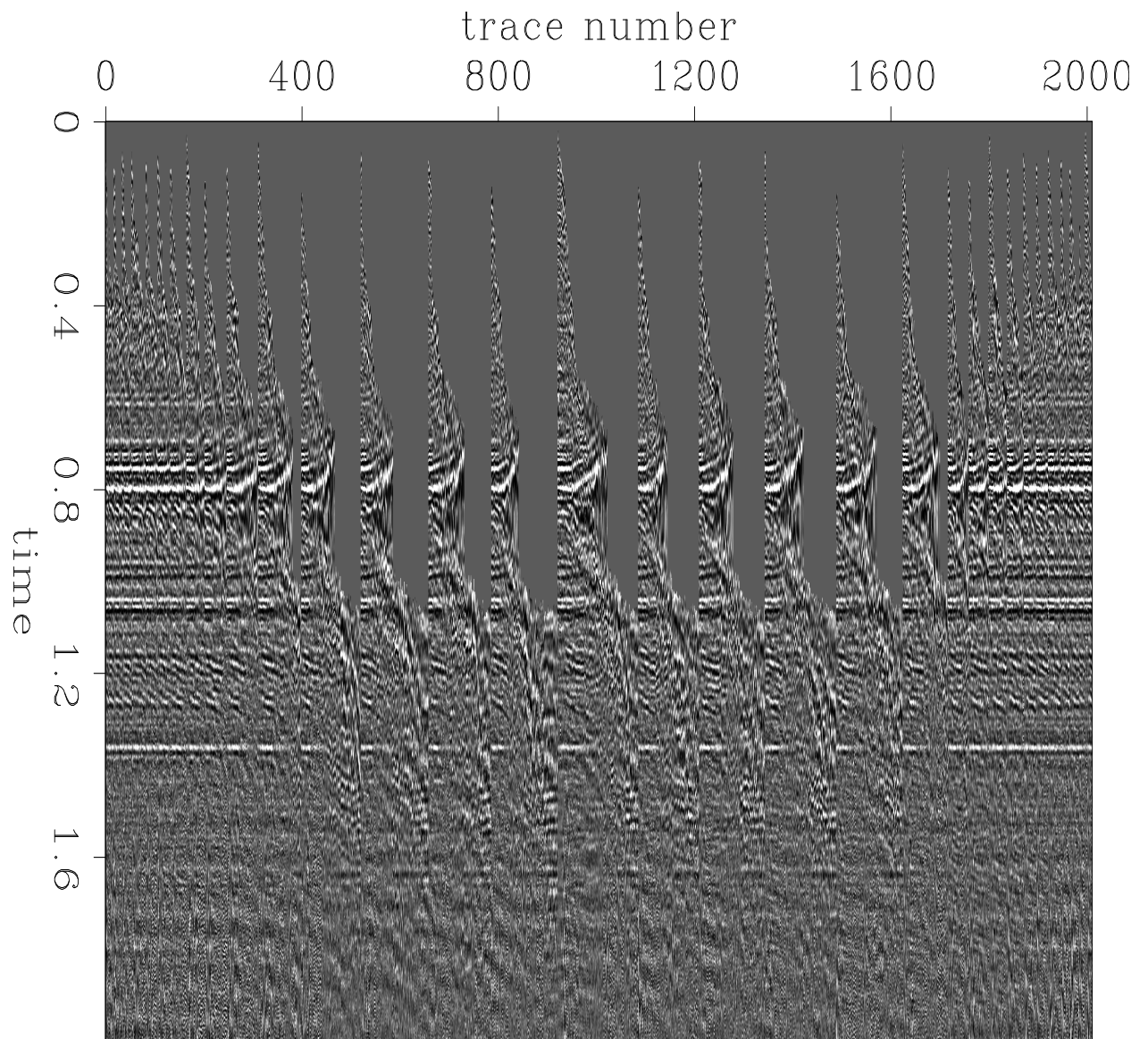
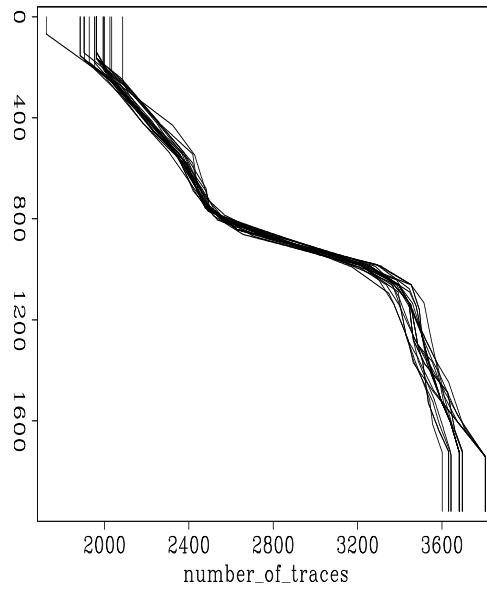


Figure 1: Raw Data `canadian-land-acquisition-window` [ER]

Figure 2: Velocity model
canadian-land-acquisition-velocity
[ER]



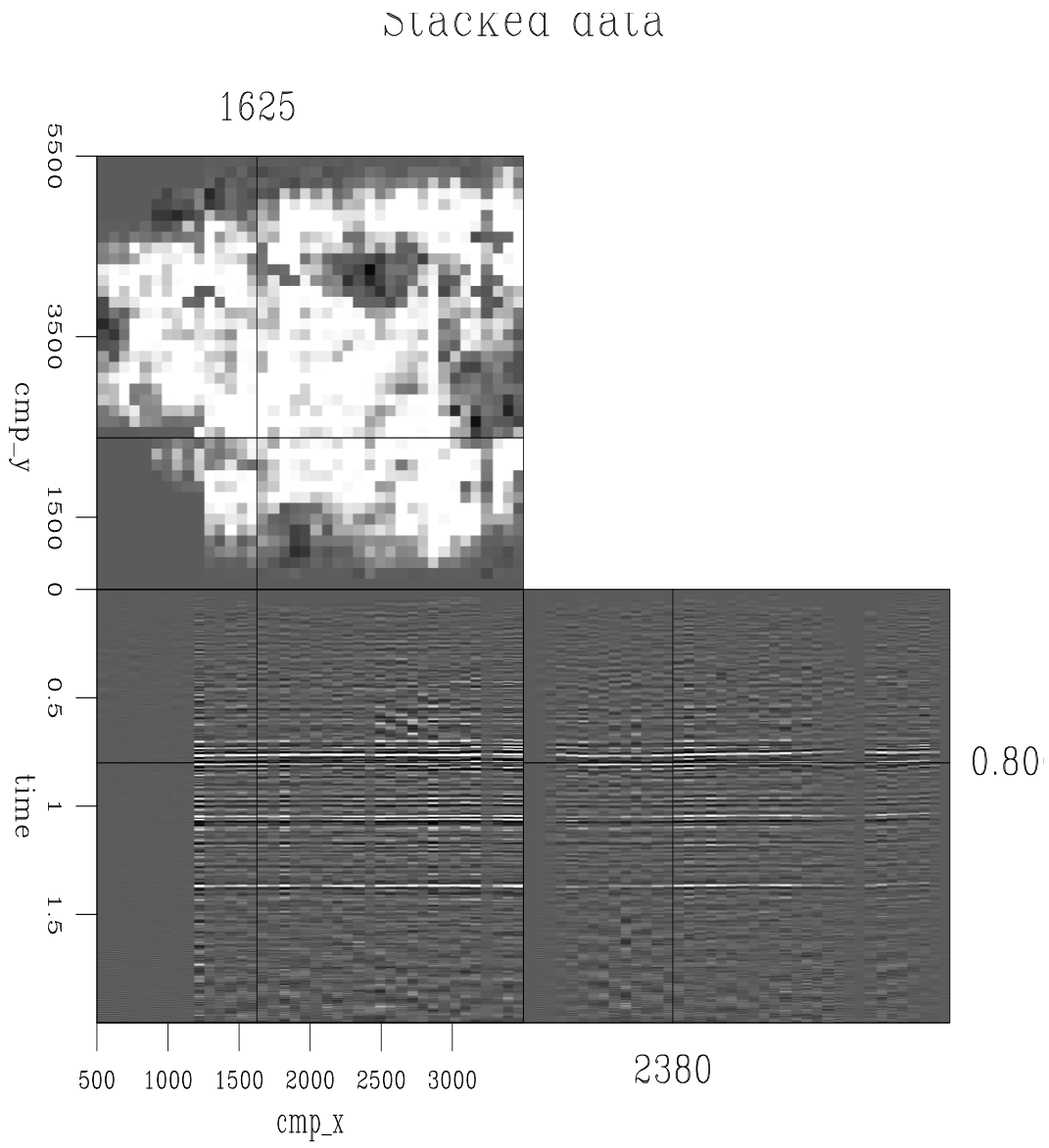


Figure 3: Stacked data `canadian-land-acquisition-stack` [ER]

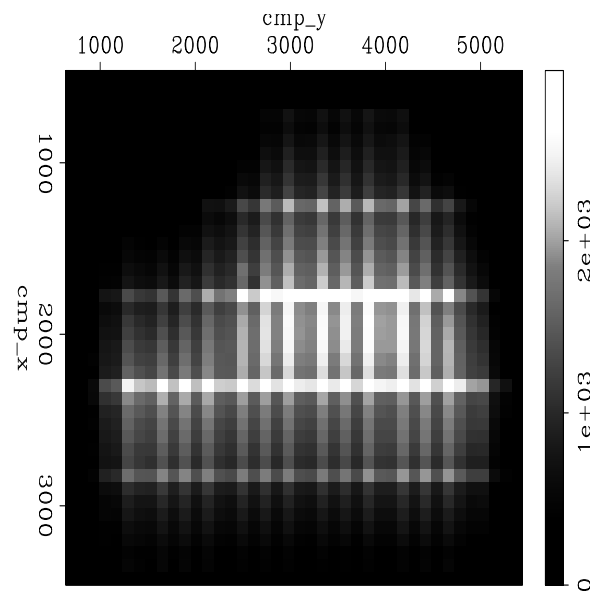


Figure 4: Fold `canadian-land-acquisition-fold` [ER]

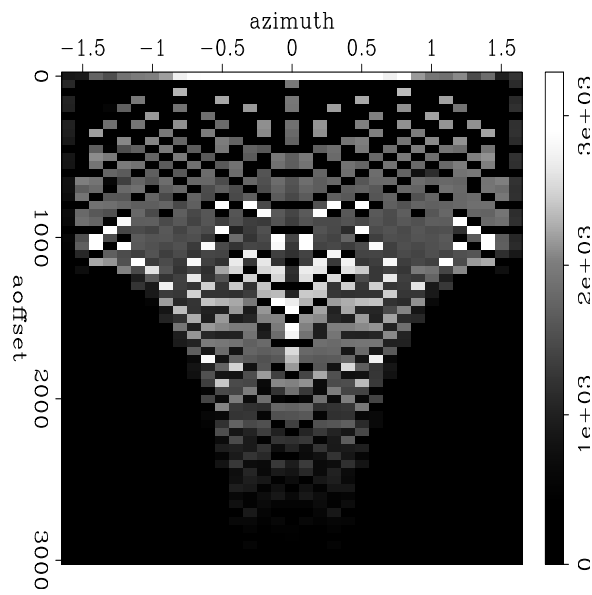


Figure 5: Azimuth-angle `canadian-land-acquisition-azimuth-angle` [ER]

