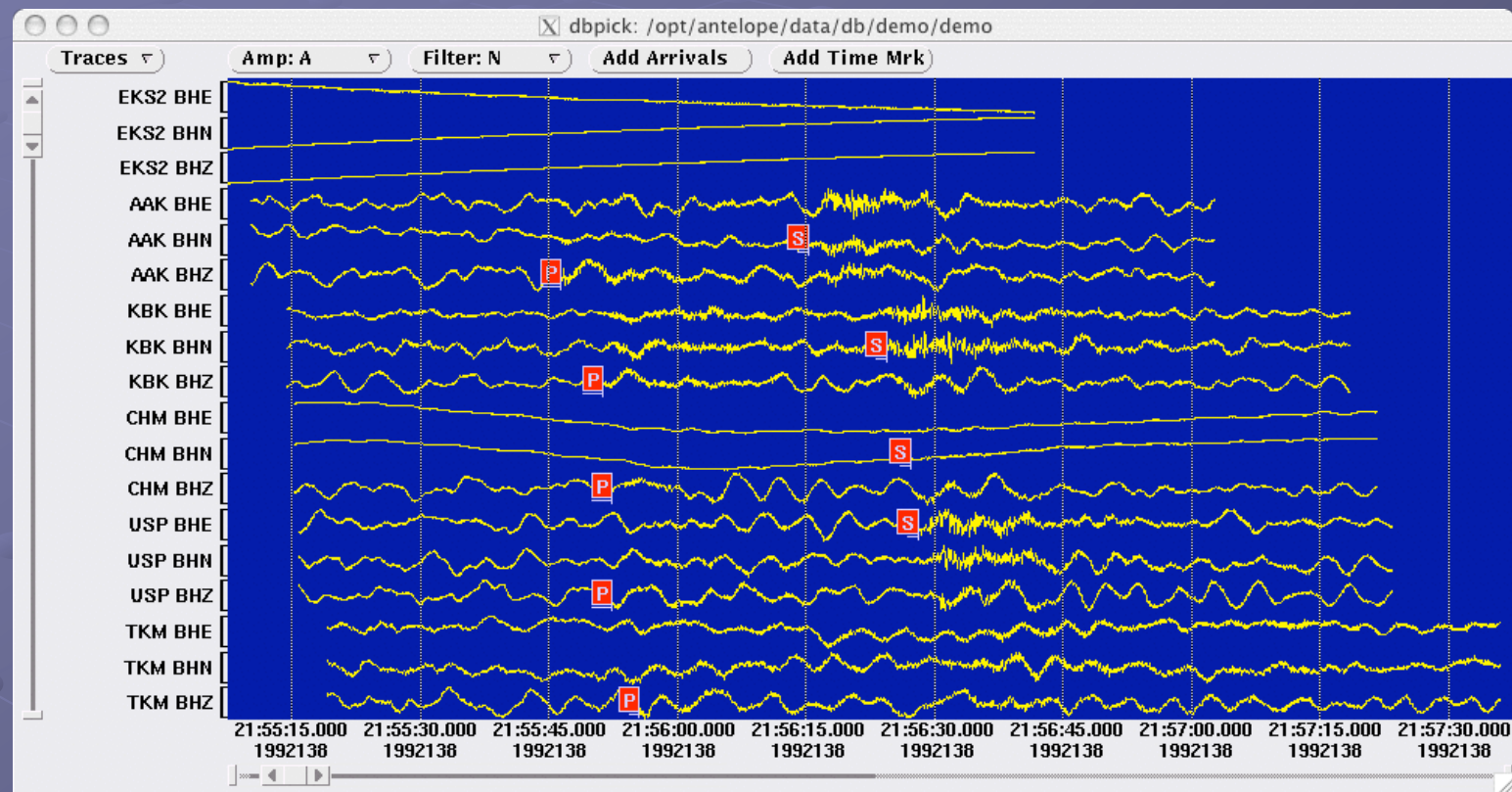


# Smartpick

*Antelope Users' Group Meeting  
February 27-28, 2007  
Trieste, Italy*

*Dr. Kent Lindquist  
Lindquist Consulting, Inc.*

# dbpick



February 27-28, 2007

Lindquist Consulting, Inc.

# Dbpick command interface

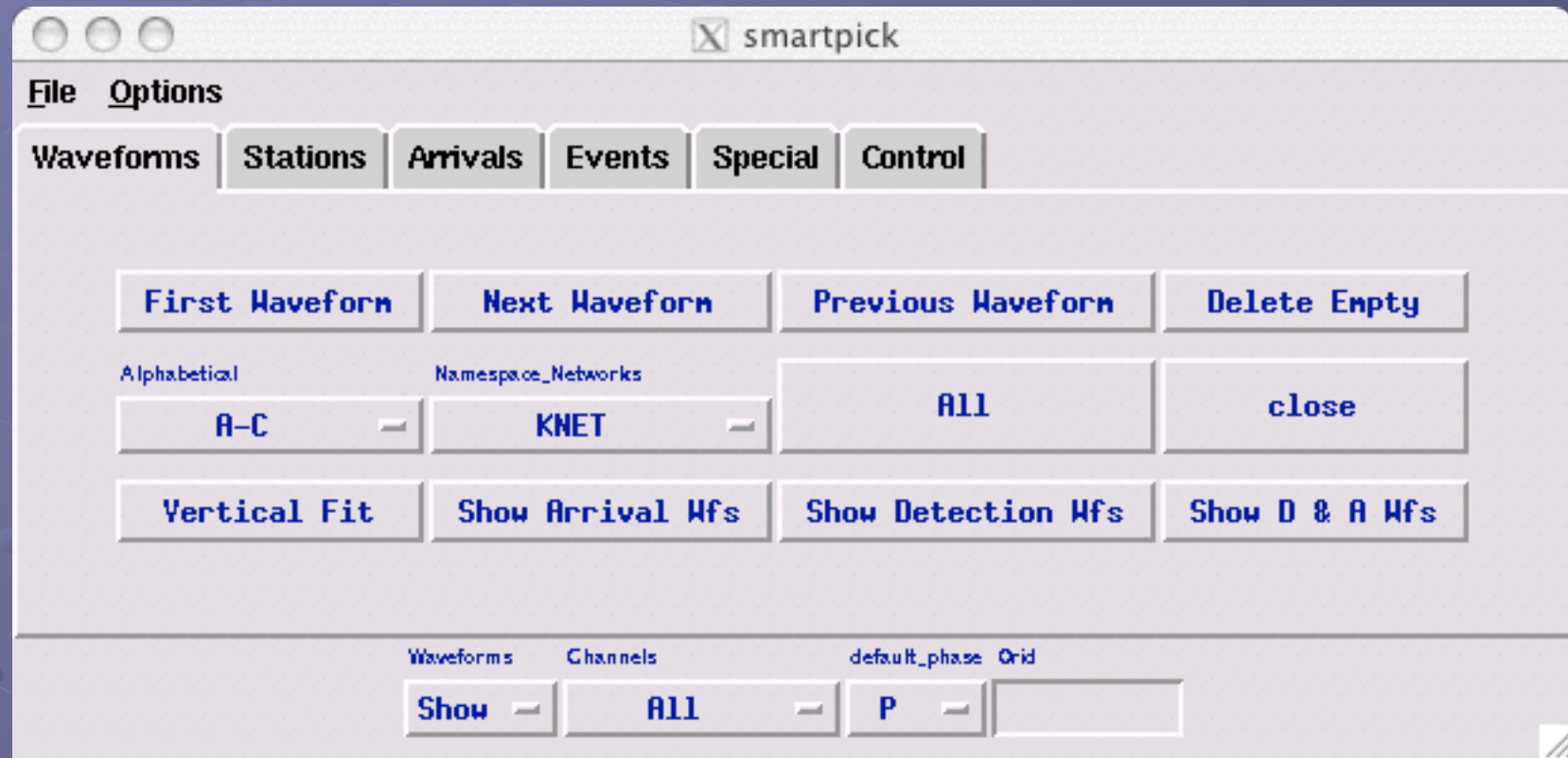
```
eagle: /Users/kent/Desktop/2007_AUG/smartpick
dbpick> sc KBK:.*
dbpick> ph S
dbpick> ph P
dbpick> se 645

  orid  time      lat      lon  depth    mb      ms      ml  auth
  645   5/17/92 1992138 21:55  41.608  72.293  0.000  2.20 -999.00 -999.
00 JSPC
  sta    distance  esaz    seaz
EKS2    1.524    45.758  226.753
AAK     1.928    57.140  238.616
KBK     2.230    61.078  242.860
CHM     2.289    51.767  233.422
USP     2.325    43.731  225.221
TKM     2.566    59.785  241.819
dbpick> rec
dbpick> sw off

dbpick: Hide waveforms
dbpick> sw on

dbpick: Show waveforms
dbpick> █
```

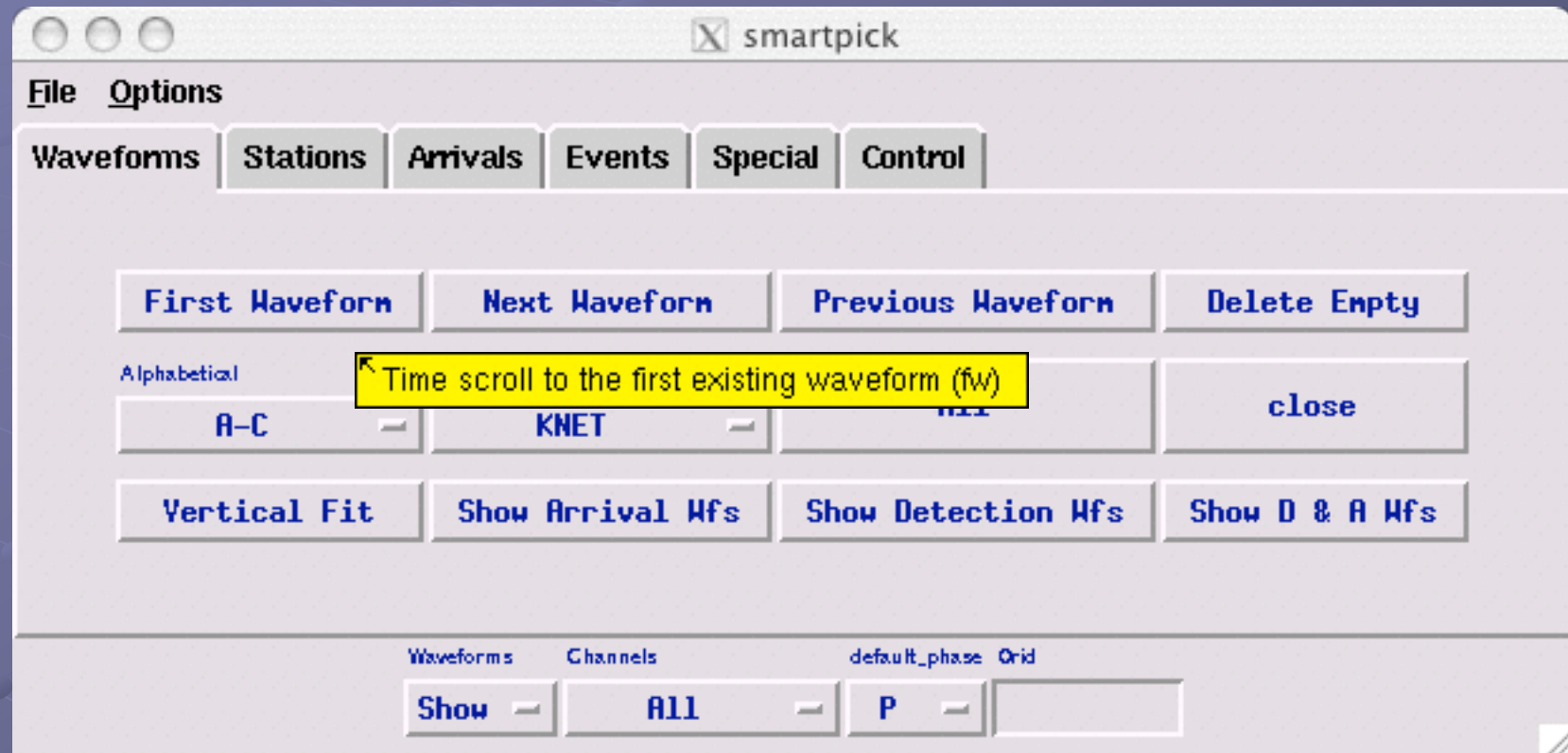
# Smartpick: GUI control of dbpick



# Smartpick: GUI control of dbpick

- Rewrite: old version is smartpick\_classic
- Parameter-file controlled
- Includes user control of the GUI !!
- All dbpick features supported
- Taint-checked Perl/Tk code with D. Quinlan's ptkform library

# Smartpick: GUI control of dbpick

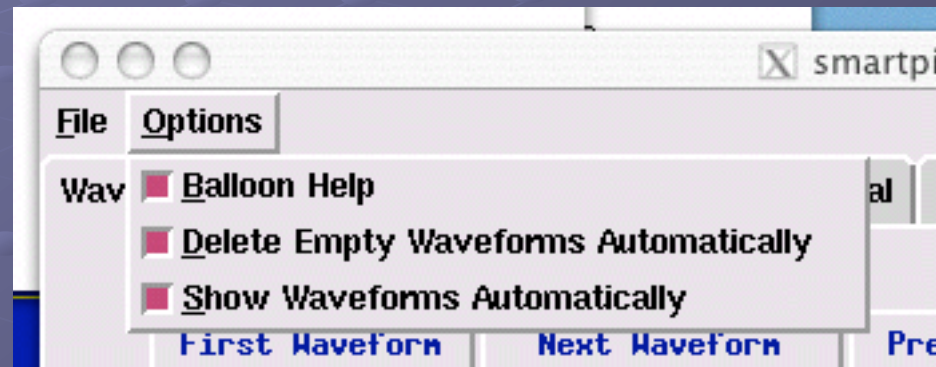
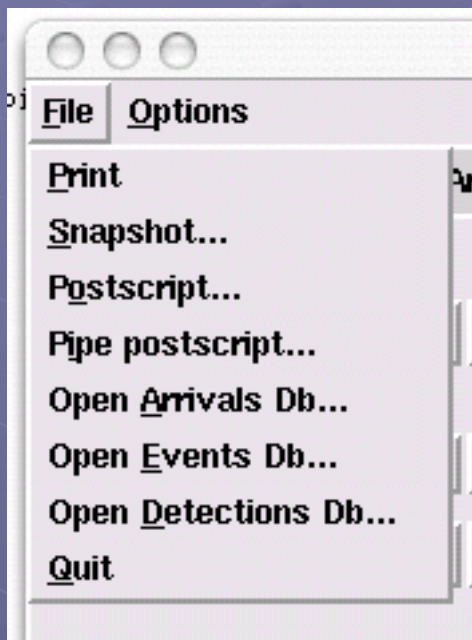


Balloon Help



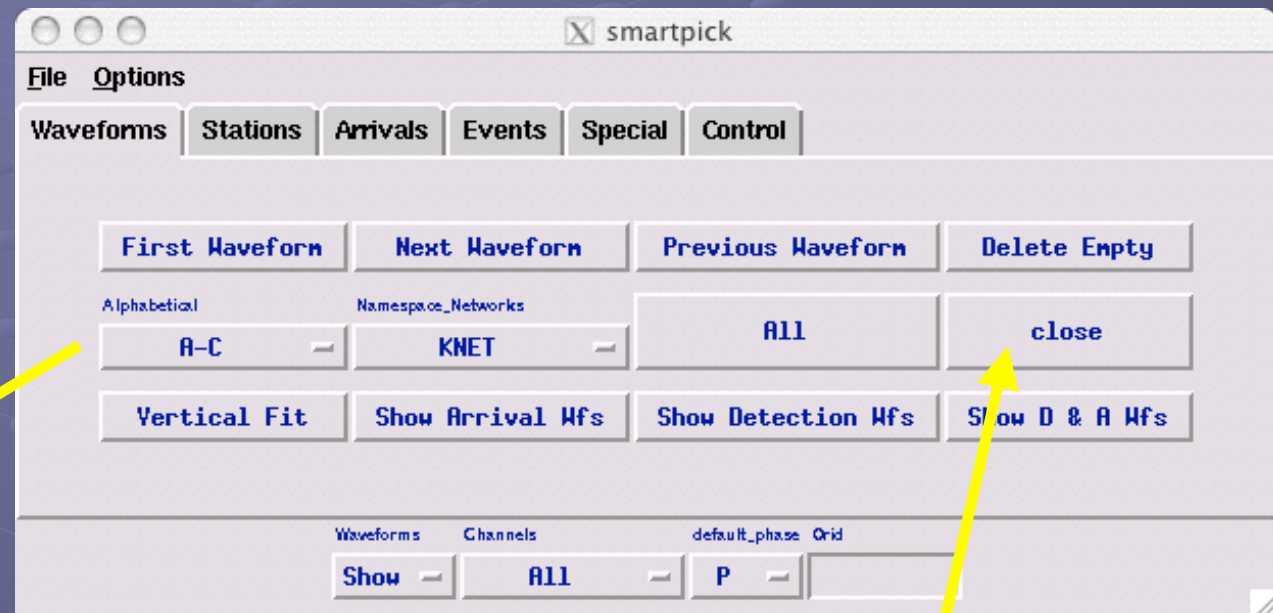
# Smartpick: GUI control of dbpick

## Options:



# Smartpick: GUI control of dbpick

Define  
Custom  
Station  
Groups:

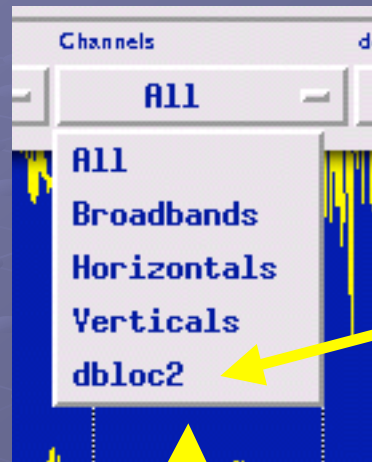


Define groups with  
Database expressions

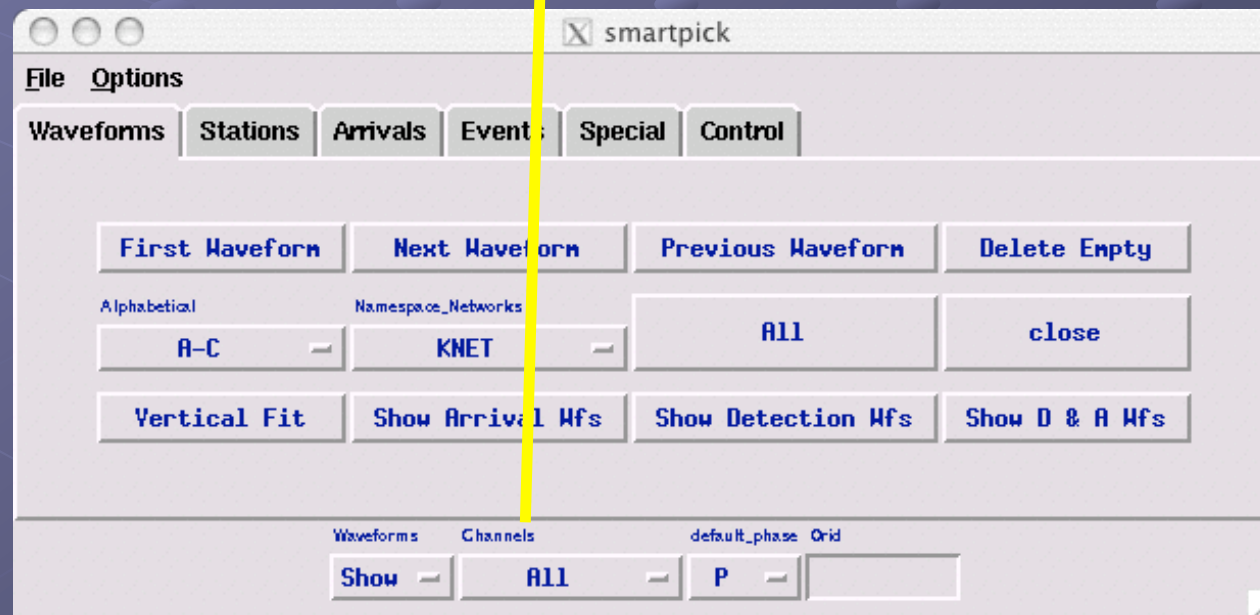


# Smartpick: GUI control of dbpick

Define  
Custom  
Channel  
Groups:



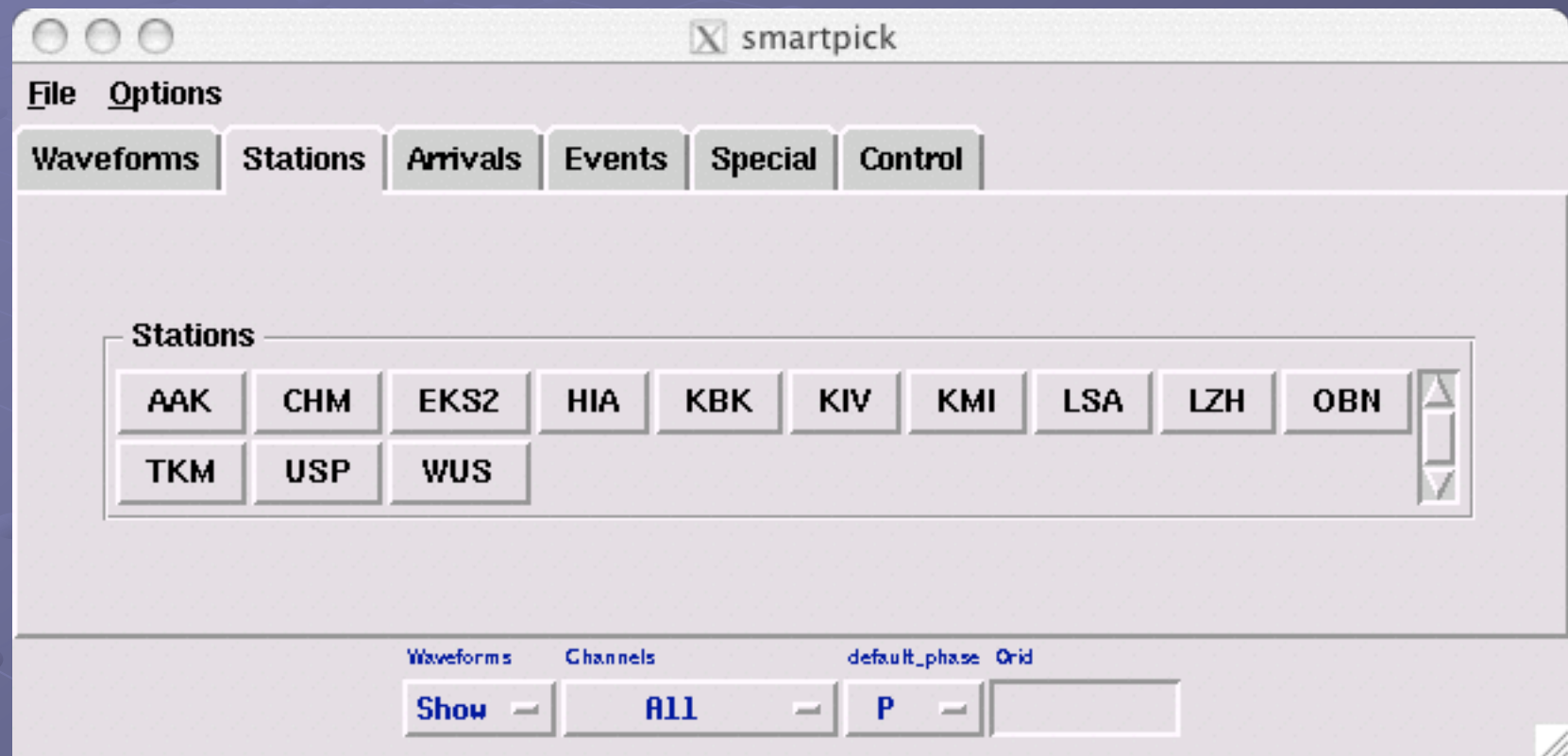
Synchronize  
With dbloc2



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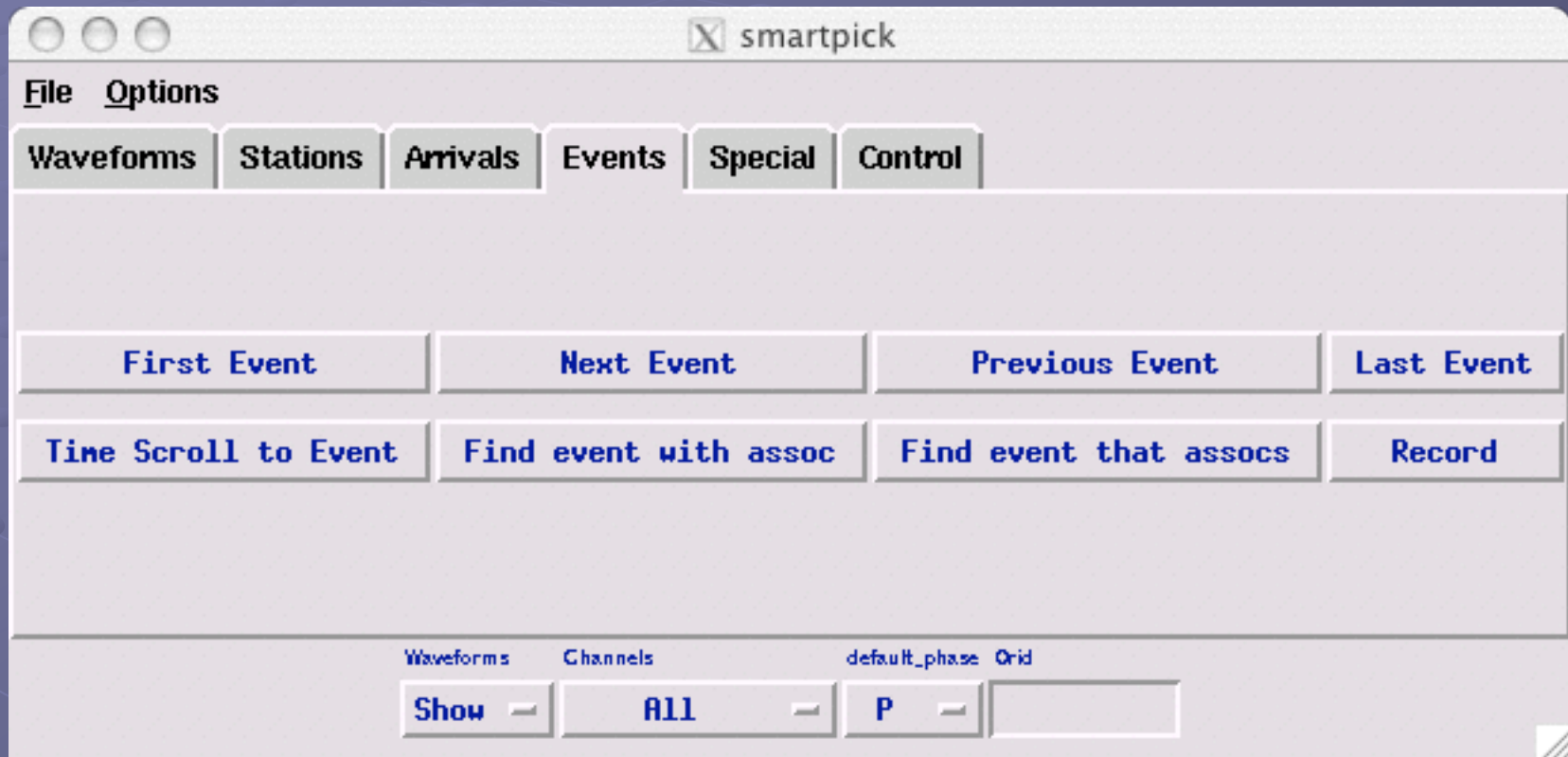
# Smartpick: GUI control of dbpick



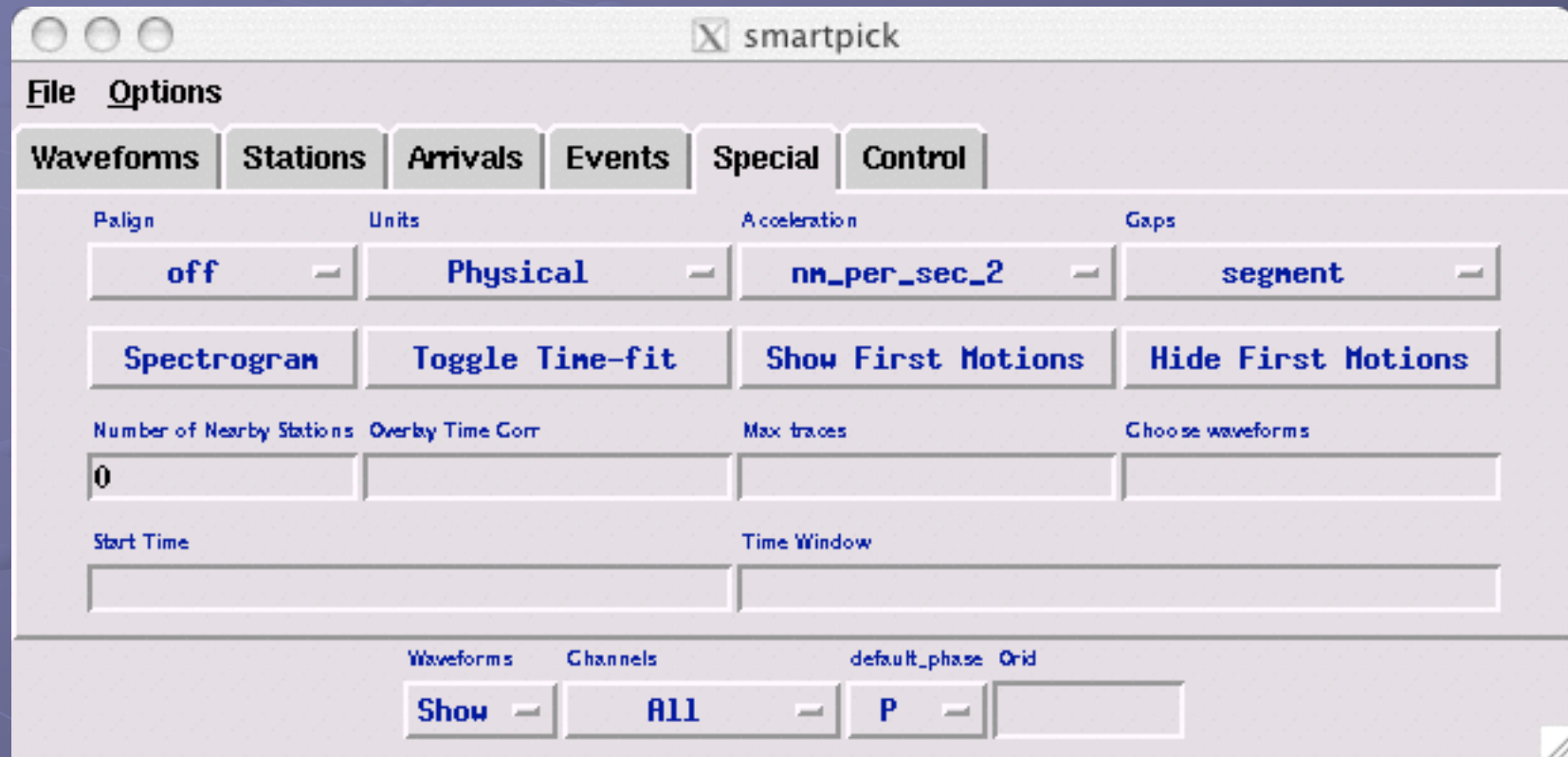
# Smartpick: GUI control of dbpick



# Smartpick: GUI control of dbpick

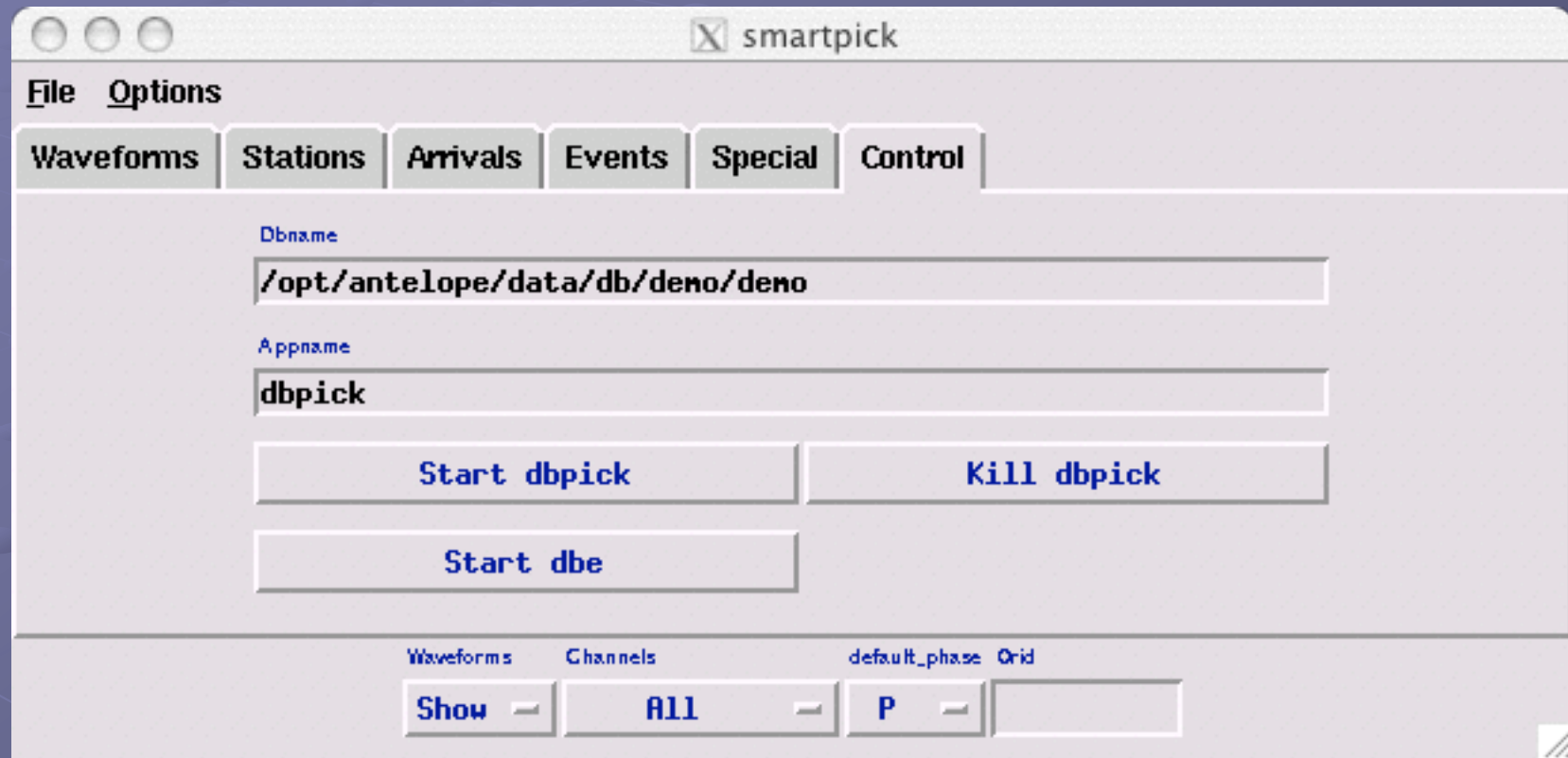


# Smartpick: GUI control of dbpick



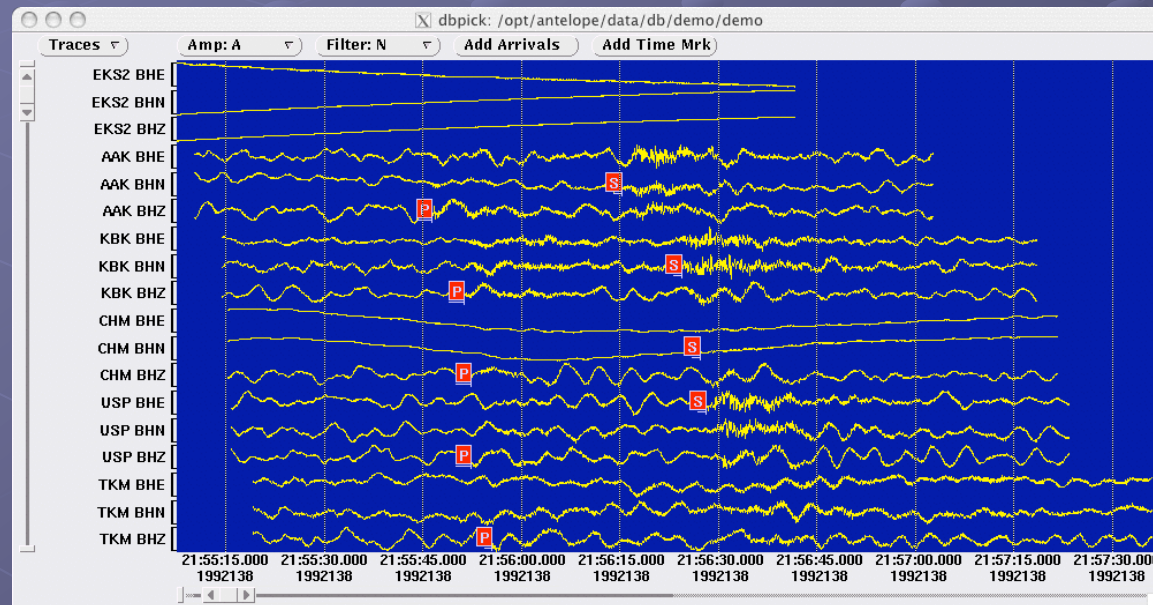


# Smartpick: GUI control of dbpick



# Smartpick: GUI control of dbpick

One-button layout

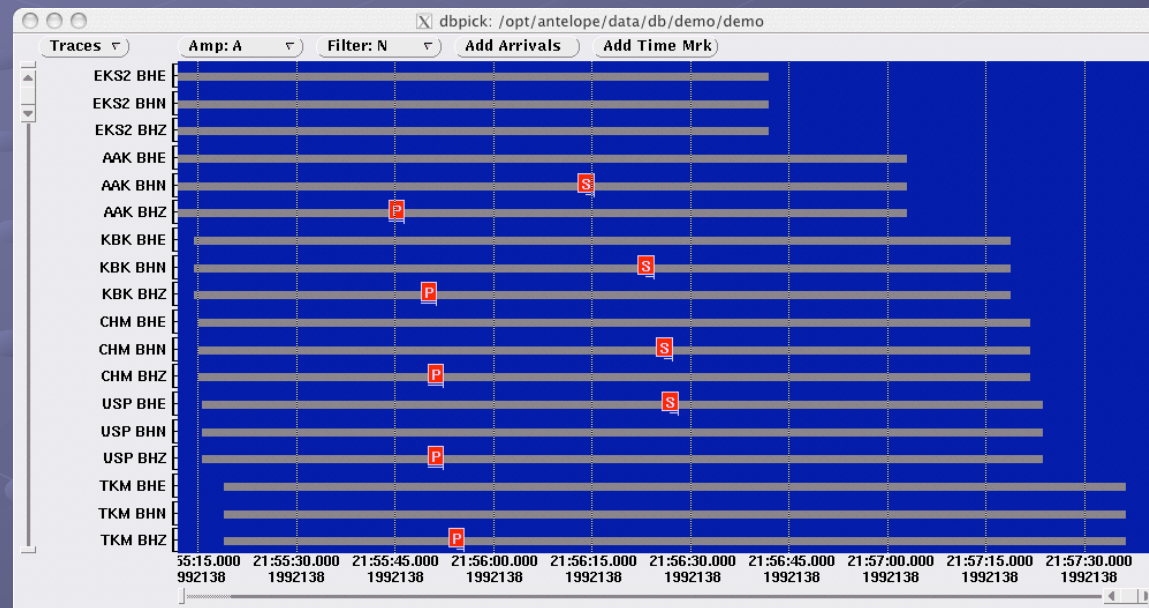


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# Smartpick: GUI control of dbpick

One-button layout

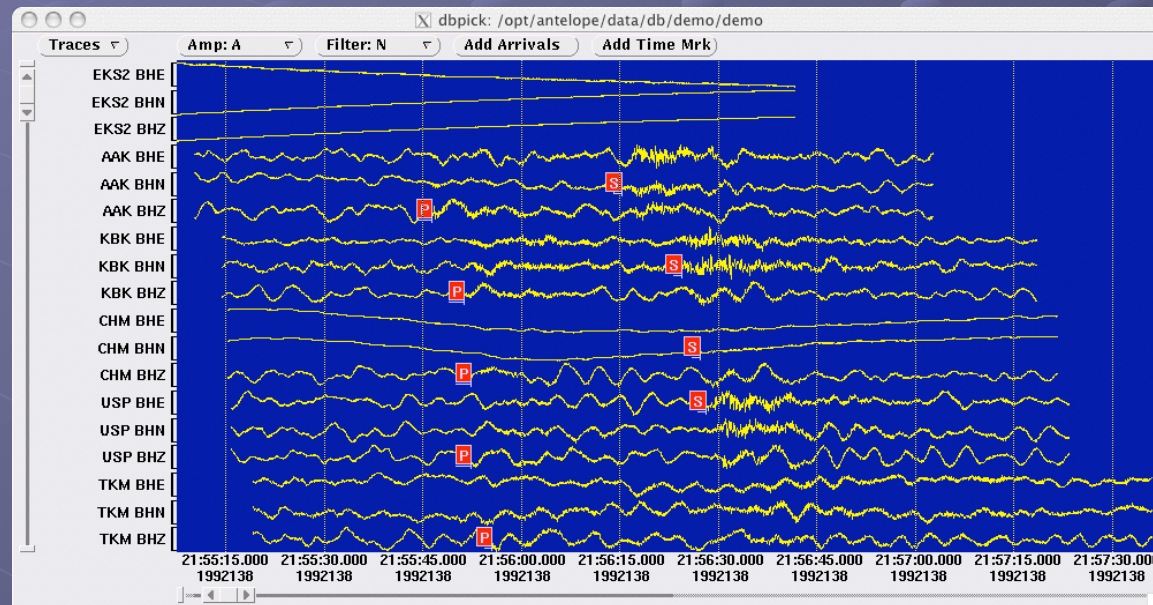
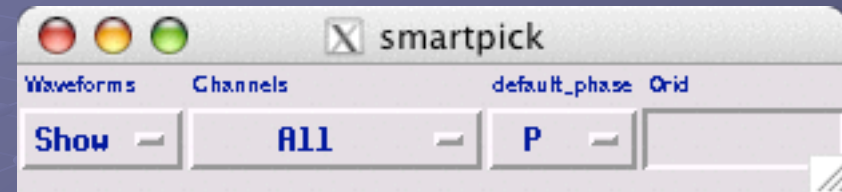


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# Smartpick: GUI control of dbpick

Favorite-buttons layout

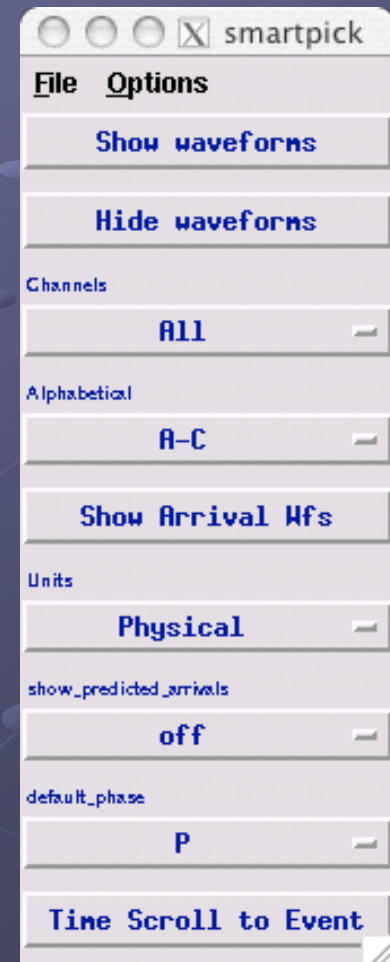
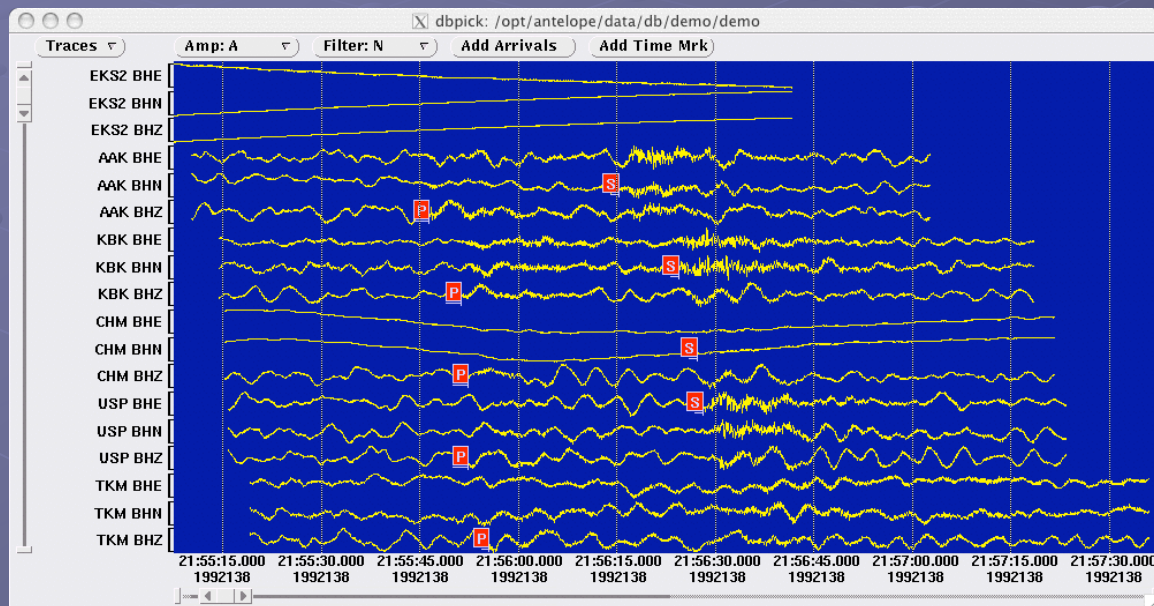


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# Smartpick: GUI control of dbpick

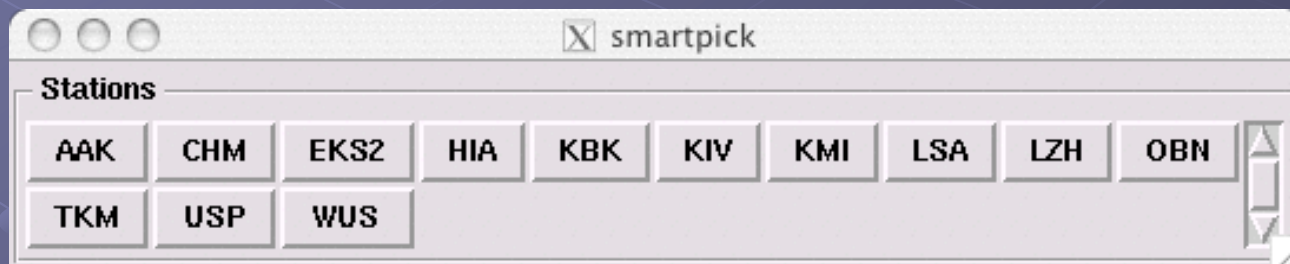
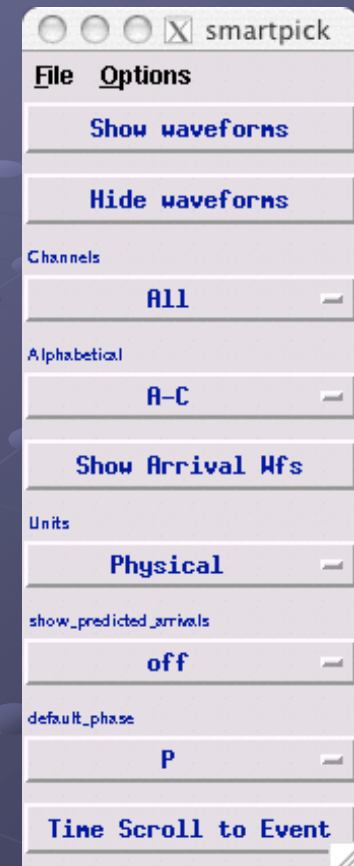
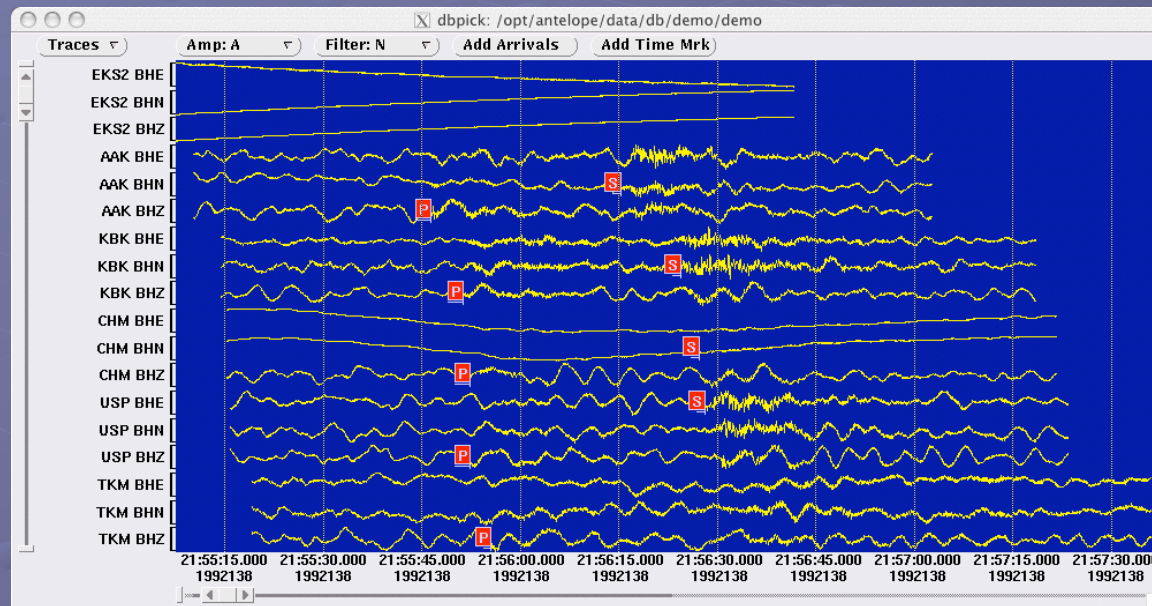
## Vertical-column layout





# Smartpick: GUI control of dbpick

## Vertical-column layout with stations tear-off



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# Smartpick: GUI control of dbpick

Default layout:  
Notebook pages

