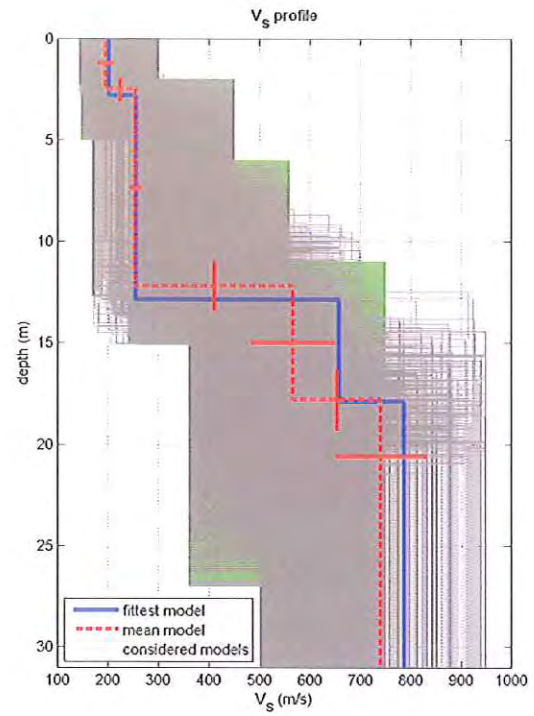


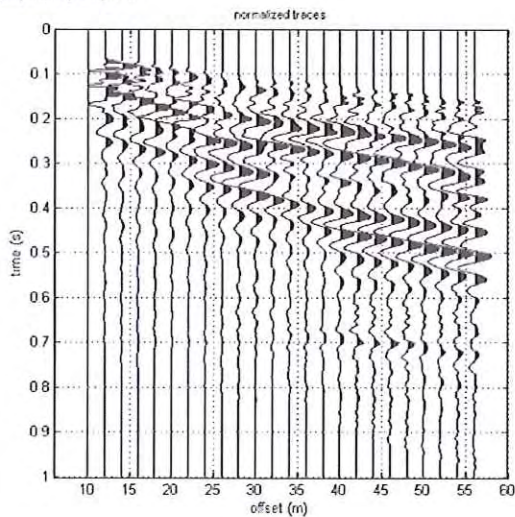
www.winmasw.com



dataset: 10mok.SGY  
dispersion curve: 10m.cdp  
 $V_{s30}$  (best model): 393 m/s  
 $V_{s30}$  (mean model): 387 m/s

#### #1: uploading & processing (MASW analyses)

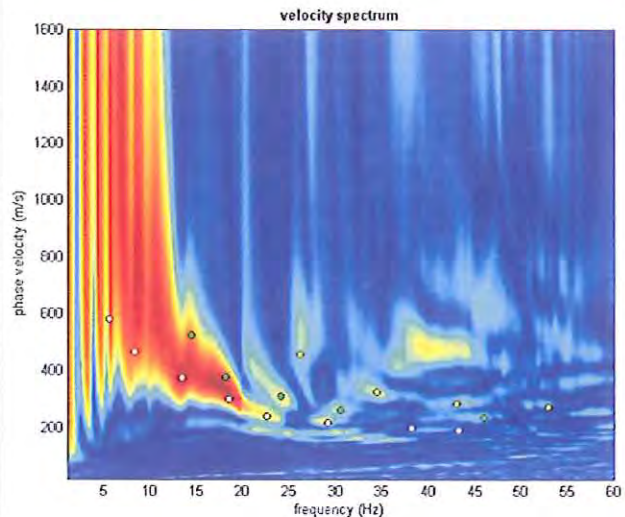
dataset: 10mok.SGY  
sampling: 0.131 ms  
minimum offset: 10 m  
geophone spacing: 2 m



resampling: 1  
data selection: activate, select, 60, cancel, save  
filtering & spectra: filter, cancel, spectrum, spectrogram  
refraction: refraction, 100, upload, save, clear refraction  
other tools & setting: 1 00215, time length to visualize (s), done, flip traces, zero padding

#### #2: velocity spectrum, modelling & picking (MASW & RefM analyses)

MASW: compute velocity spectrum  
phase velocity ☐ f-k ☐ group velocity  
handling the spectra: save, upload, merge  
explore spectrum  
mode separation



$V_s$  (m/s) Poisson's ratio thickness (m)  
general setting: Rayleigh 3 phase vel  
Reference depth: 0  
HV body waves: ☐  
HV modes (SV ellipticity): 0  
modelling: calculate, upload mod, save model, refresh, report  
synthetics: ZvF, elastic, various DC, synthetics

visualize curves  
Input curve ?

picking  
show f-k  
second higher  
to select the last point of the considered mode click the right button  
save picking ?  
10m.cdp  
cancel picking

Inversion  
inversion  
Joint DC-HV inv.

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