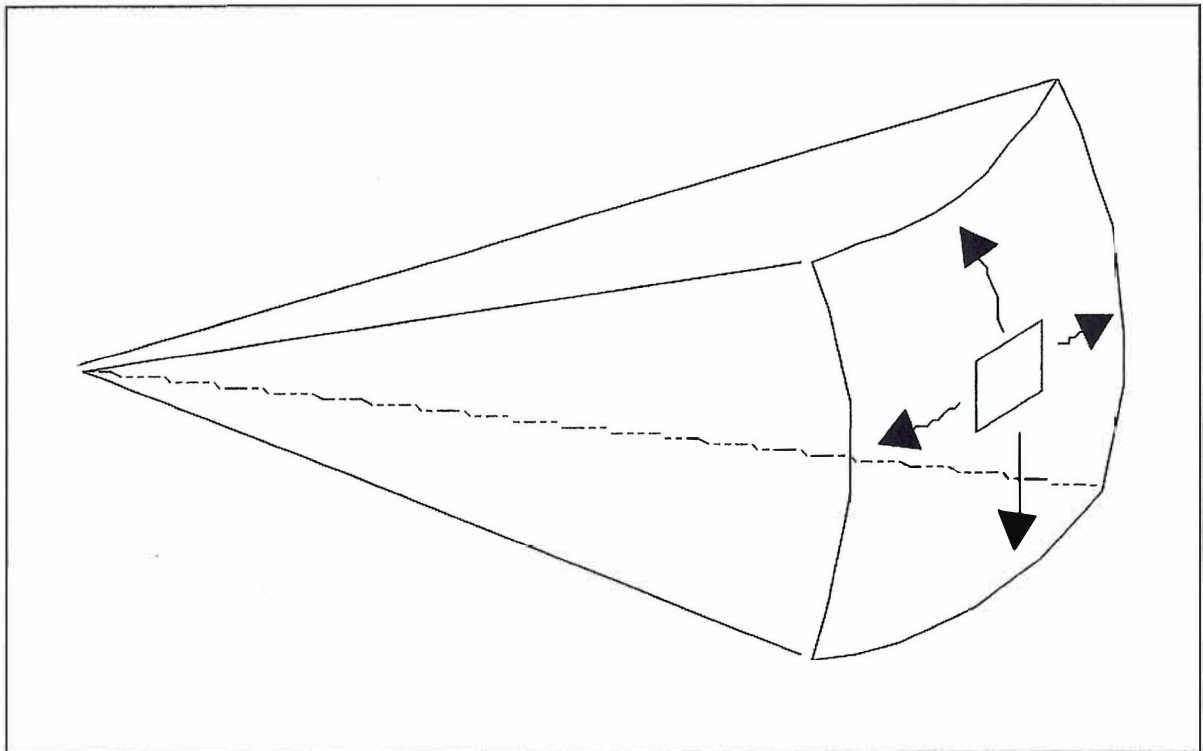
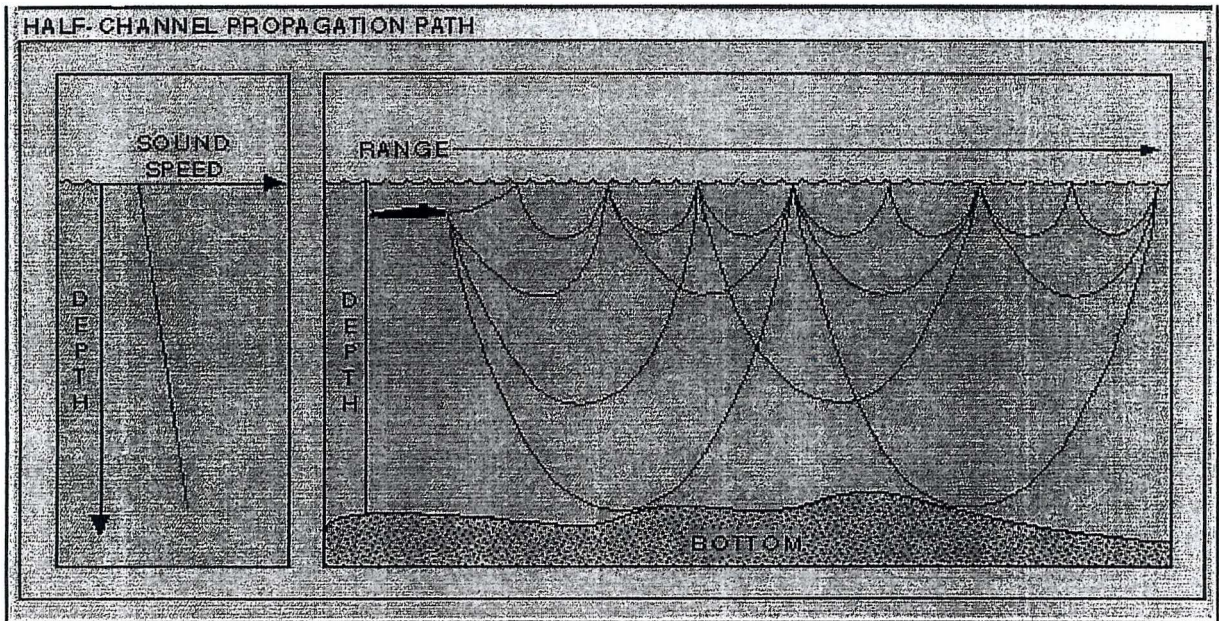
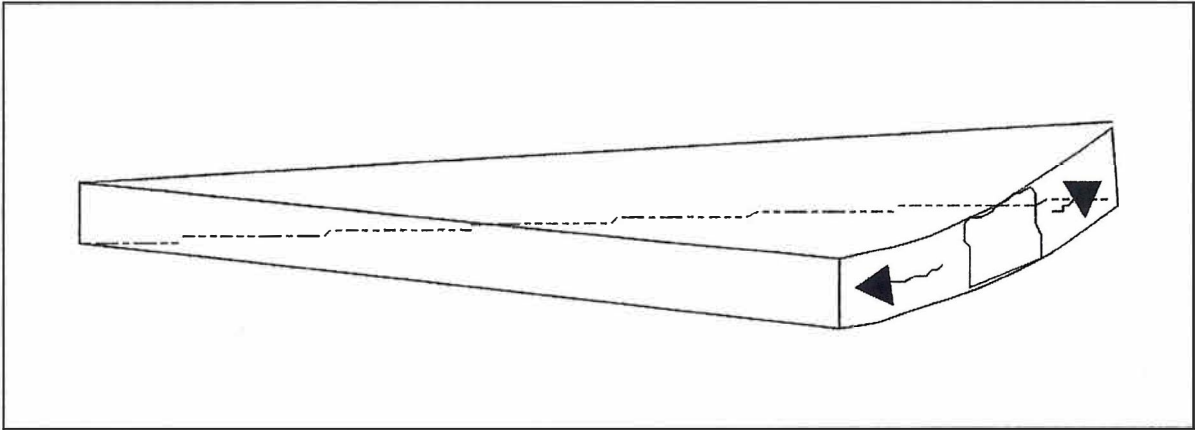
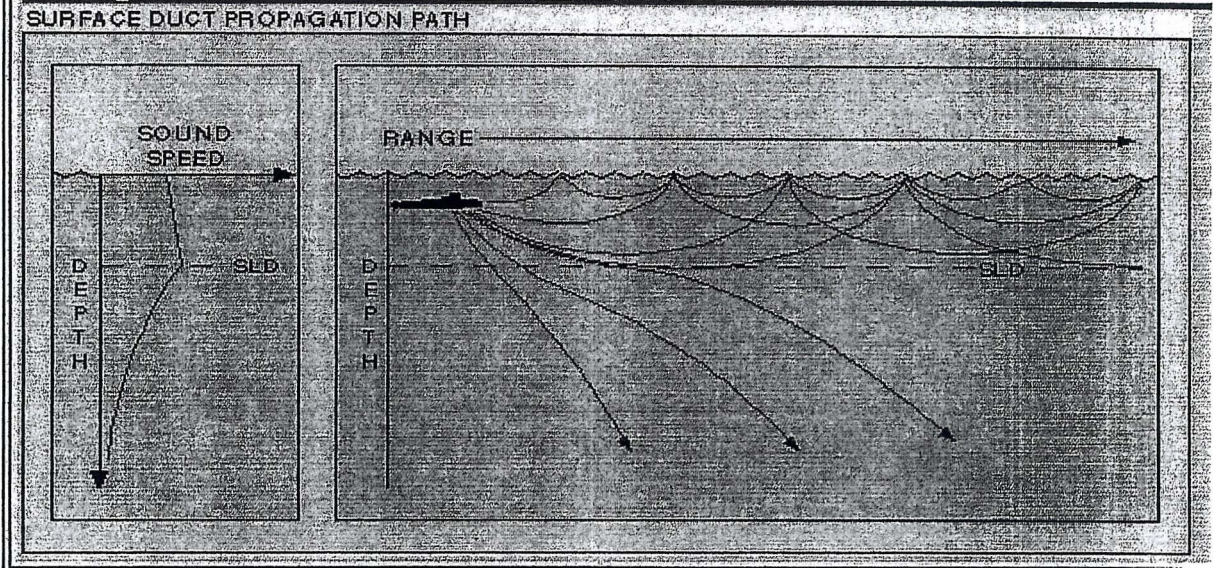


# ISOVELOCITY



SURFACE DUCT



SL                      256                      Height                      50

range                      Spherical                      Cylindrical

1	256	
2	250	
4	244	
8	238	
16	232	
32	226	
64	220	221
128	214	218
256	208	215
512	202	212
1000	196	209
2000	190	206
4000	184	203
8000	178	200
16000	172	197
32000	166	194
64000	160	191
128000	154	188
256000	148	185

↑  
metres

↑  
attenuation  
 $2\phi \log \text{range}$

↑  
attenuation  
 $1\phi \log \text{range plus}$   
 $1\phi \log \text{height}$



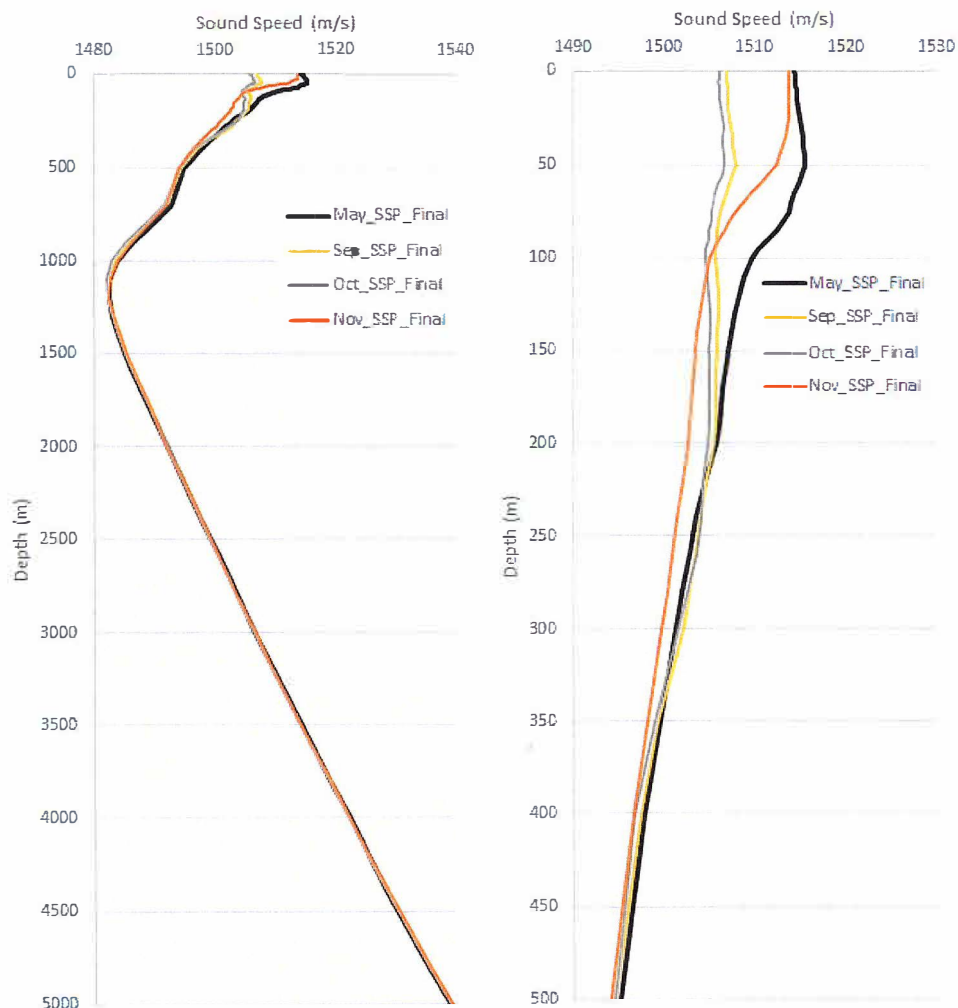


Figure D-3. The mean sound speed profiles for May, September, October, and November: full water depth (left), <500 m (right) at all sites. The profiles were calculated from temperature and salinity profiles from GDEM V 3.0 (GDEM; Teague et al. 1990, Carnes 2009).