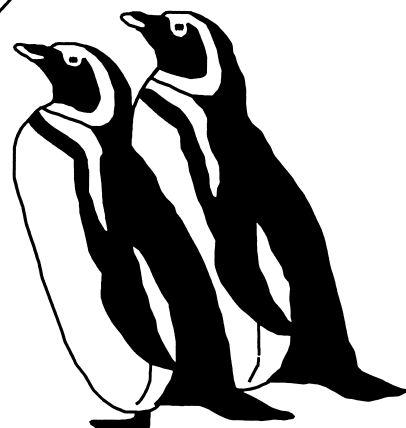
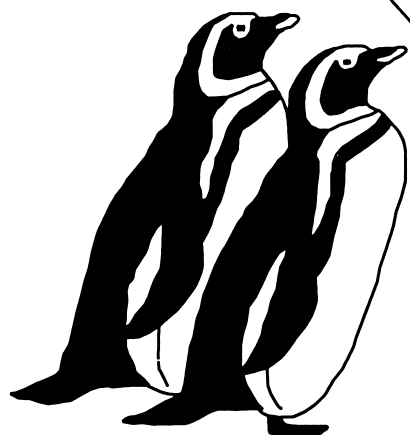


**ANTARCTIC PENINSULA
JOIDES RESOLUTIONS**



Leg 178

PUNTA ARENAS TO CAPE TOWN

FEB. 9 - APRIL 11, 1998