Abstract Details <u>AOGS 1st Annual Meeting</u> > <u>Ocean and Atmospheres</u> > Wintertime Circulation of the South Sea > Corresponding Author : Dr. Heung-Jae Lie (hjlie@kordi.re.kr) **Organization:** Korea Ocean Research & Development Inst. Category: Ocean and Atmospheres Paper ID: 57-00A-A1411 Title: Wintertime Circulation of the Southern Yellow Sea Abstract: What is the typical pattern of the southern Yellow Sea circulation in v We have attempted to understand the circulation by analyzing CTD d satellite-tracked drifter positions collected in February 2001 and 2003 usual in winter, the thermohaline front was developed in a tongue sha The northwestern part of the front appeared to be partly collapsed in February 2001, suggesting a northwest intrusion of saline water to the Chinese coast, while the Chinese coastal water appeared to flow to the southeast along a 50 m isobath. A fast along-front current was direct the west in the northern frontal zone. The north-south fluctuations of drifters are highly correlated each other, although the drifters were d and they are also highly correlated with the wind. Presentation Mode: Poster Keywords: Yellow Sea, front, satellite-tracked drifter Status: Pending. **Co-Authors** Title No. **First Name Family Name** Organization 1 Dr. Cheol-Ho Cho KORDI 2 Dr. KORDI Suk Lee