

SOUTHERN OCEAN CIRCULATION CHART

Hydrographic Survey Reference of Antarctic Circumpolar Current (ACC)

ANTARCTICA

[Polar Projection Template]

Current Classification

Cold Surface Current (West Wind Drift)

Subtropical Convergence Inflow

Key Features

of Antarctic Convergence (Polar Front)

of Weddell Sea Gyre

of Ross Sea Gyre

Major Current	Direction	Typical Velocity
Antarctic Circumpolar	Eastward	~20 cm/s (surface)
Antarctic Coastal	Westward	Variable
Agulhas Return	Eastward	High

Document Ref: SO-MAP-001 | Scale: Not to Scale | Projection: South Polar Stereographic