



Figure 2: SAR interferogram, obtained during January of 1996, of a section of the Ross Ice Shelf containing our study area. This unpublished interferogram was provided as a courtesy by Dr. Ron Kwok (pers. com.) of JPL, who has conducted this pioneering interferometry of the Ross Ice Shelf using the tandem ERS 1&2 mission in 1994. Rifts, the melange of sea ice, wind-blown snow and ice-shelf fragments that fill rifts, and proto-icebergs, are indicated for reference. The fringe lines represent contours of displacement (c.i. approximately 2.5 cm) toward the satellite antenna during the 1-day repeat pass period of the ERS tandem mission.