





<p>Feifei Jiang: preexisting arc observed by THEMIS, FAST, and ground ASI. The preexisting arc just before onset is located at the boundary between the dusk Region 1 and 2 current region. Preexisting arc is located at the poleward part of the energetic ion precipitation. preexisting arc corresponds to the inverted-V region.</p>									
<p>James Weygant: Locating the Harang discontinuity from equivalent ionospheric current using magnetometer arrays. The onset arc is close to the Harang discontinuity. The onset arc is mostly at the boundary between region 1 and 2 current systems.</p>	<p>magnetometer array and radars can show location of Harang discontinuity and region 1/2 current.</p>								
<p>Stefan Kiehas: A series of plasmoids observed by ARTEMIS at X=-56 Re and -70 Re. Two-satellite measurements give propagating velocity of the plasmoid. The plasmoid velocity increases for later times. B and V are highly correlated.</p>									

excuse, other explanations, criticism, comments
What makes the localized antisunward flow bursts? It may be related to the patchy dayside reconnection and/or polar-cap high- density plasma patches.
breakup arc is located in the inner plasma sheet

field-line mapping (correspondence between THEMIS and ground proton aurora) is difficult

pre-existing arc is located in the inner plasma sheet