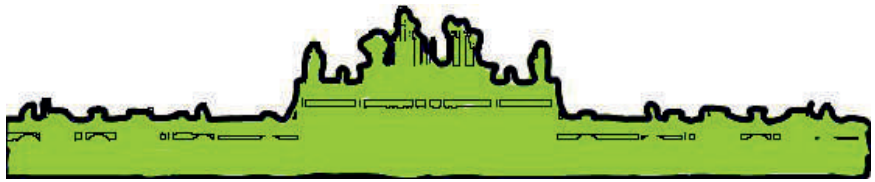
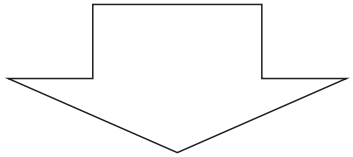
Electron density large enough to produce plasma





Plasma produces electric potential

