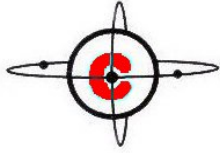
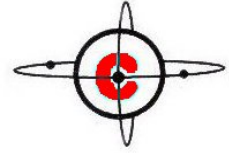


# CANADIAN SATELLITE TRACKING AND ORBIT RESEARCH



60 BUELL ST. SUITE #2  
BROCKVILLE ONTARIO, CANADA K6V 4Y3



## THE CASTOR SATELLITE SURVEYS

In 2007, CASTOR conducted a survey to determine the portion of the total satellite population that could be detected with ground-based optical telescopes with apertures of 0.2 to 0.4 metres using research-grade CCD detectors. During 2007, CASTOR detected a total of 2,053 unique satellites from all major orbit types; nearly one sixth of the total known satellite population at that time.

In 2009, CASTOR conducted a second survey of satellites to continue where the 2007 survey left off. During that year, CASTOR detected an additional 1,100 satellites, bringing its total to 3,153 individual satellites.

The CASTOR Satellite Catalogue currently contains all satellites detected by CASTOR from January 1, 2007 to the present day. The complete catalogue is located at [www.castor2.ca/13\\_Catalogue](http://www.castor2.ca/13_Catalogue). This catalogue continues to be amended as new satellites are detected and tracked.

CASTOR has recently published a research paper based on the satellite surveys of 2007 and 2009. This paper demonstrates the enormous potential of private ground-based satellite tracking installations and illustrates CASTOR's commitment to ground-breaking satellite tracking research.

To read CASTOR's 2007 research paper, please visit [www.castor2.ca/08\\_Papers/sputnik\\_50\\_2.pdf](http://www.castor2.ca/08_Papers/sputnik_50_2.pdf).

For more information, you are invited to visit [www.castor2.ca](http://www.castor2.ca) or contact CASTOR at [info@castor2.ca](mailto:info@castor2.ca).

Michael A. Earl  
Owner and Founder  
Canadian Satellite Tracking and Orbit Research  
1-613-791-0413

