



Derive trajectory, direction and speed of objects at strategically important locations. Burst provides five frames of BlackSky imagery collected in a single satellite pass for motion analysis.

### Benefits of Burst

- Task imagery using secure web portal or API connection
- Understand the motion of objects like aircraft and vessels
- Derive speed
- Derive direction of travel
- Predict future location of vessels
- For automated analysis, characterize the motion of aircraft and vessels by adding BlackSky Detect



**Sydney Harbour, Australia**  
Ferries cross the waterway in this burst imagery collection.

# BURST SPECIFICATIONS

Analyze moving objects with timely imagery.

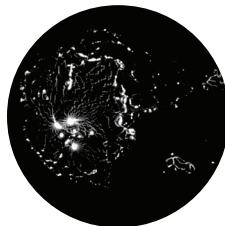
	Burst
Collection to delivery	90 minutes <sup>1</sup>
Revisit	60 minutes <sup>1</sup>
Frames, frame rate and collection length	5 frames at 0.3 Hz over 12 seconds
Minimum solar elevation angle	+10° (above horizon)
Estimated NIIRS (eNIIRS) image quality class	eNIIRS 4.0, eNIIRS 3.5
Best Ground Sample Distance (GSD) at nadir	83 cm
Minimum scene size	24 km <sup>2</sup> (4 x 6 km)
Spectral bands	RGB, Panchromatic
Geolocation accuracy	< 10 m CE90 in Australia, United States < 20 m CE90 rest of world
File formats	GeoTIFF, NITF 2.1
Processing level	Non-ortho, Ortho
Available in Archive	Yes

<sup>1</sup> Timelines are subject to change and vary by customer and architecture.

## Explore BlackSky products



**Daytime**  
Get insights in time to decide



**Nighttime**  
See activity after dark



**Area 2x1**  
See larger areas



**Stereo**  
Build your own 3D products



**Detect**  
Automatically understand objects

To learn more about how BlackSky can help your organization, contact [sales@blacksky.com](mailto:sales@blacksky.com) or visit [blacksky.com](http://blacksky.com).

**BLACK(SKY)**