

STARLINK



SpaceX has articulated the explicit goal of providing broadband 'hops' via ground stations. The first launch of 60 satellites was considered Starlink-0, so this flight is designated Starlink-6. Some of these satellites will include some inter-satellite communications planned for the follow-on sats in the constellation. Inter-satellite laser comm links will allow faster internet connections without multi-ple 'hops' via ground stations.

The launch will be from the Kennedy Space Center's Pad 39A, which is leased by NASA to SpaceX. The first stage of the Falcon 9 booster is expected to land on a barge in the Atlantic Ocean off Charleston SC. The landing will be too far to see from launch viewing areas, though upper atmosphere course correction burns might be visible about 7 minutes after launch. The launch will be from the Kennedy Space Center's Pad 39A, which is leased by NASA to SpaceX. The first stage of the Falcon 9 booster is expected to land on a barge in the Atlantic Ocean off Charleston SC. The landing will be too far to see from launch viewing areas, though upper atmosphere course correction burns might be visible about 7 minutes after launch.

While two test satellites were placed in orbit in 2018, today's launch will put the seventh 'batch' of 60 operational satellites into orbit. The first launch of 60 satellites was considered Starlink-0, so this flight is designated Starlink-6. Some of these satellites will include some inter-satellite communications planned for the mid-2020s: initially placing approximately 1600 in a 550-kilometer (340 mi)-altitude shell, and subsequently placing ~2800 Ku- and Ka-band spectrum sats at 1,150 km (710 mi) and ~7500 V-band sats at 340 km (210 mi).

Starlink 6
A Starlink Satellite Constellation Mission

http://spacelaunchinfo.com/booklets/



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Starlink 6
Launching multiple satellites on a Falcon 9 Rocket
For Space Exploration Technologies Corp
2020-04-22 3:30:30 pmEDT



Hours:
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 Sun 7 am - 2 pm
 Mon - Thu: 4pm - 11pm
 Fri 11:30 am - 12 Midnight
 Sat 12:00 Noon - 12 Midnight
 Sun 12:00 Noon - 9 pm

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