

THE VEHICLE

THE SATELLITE

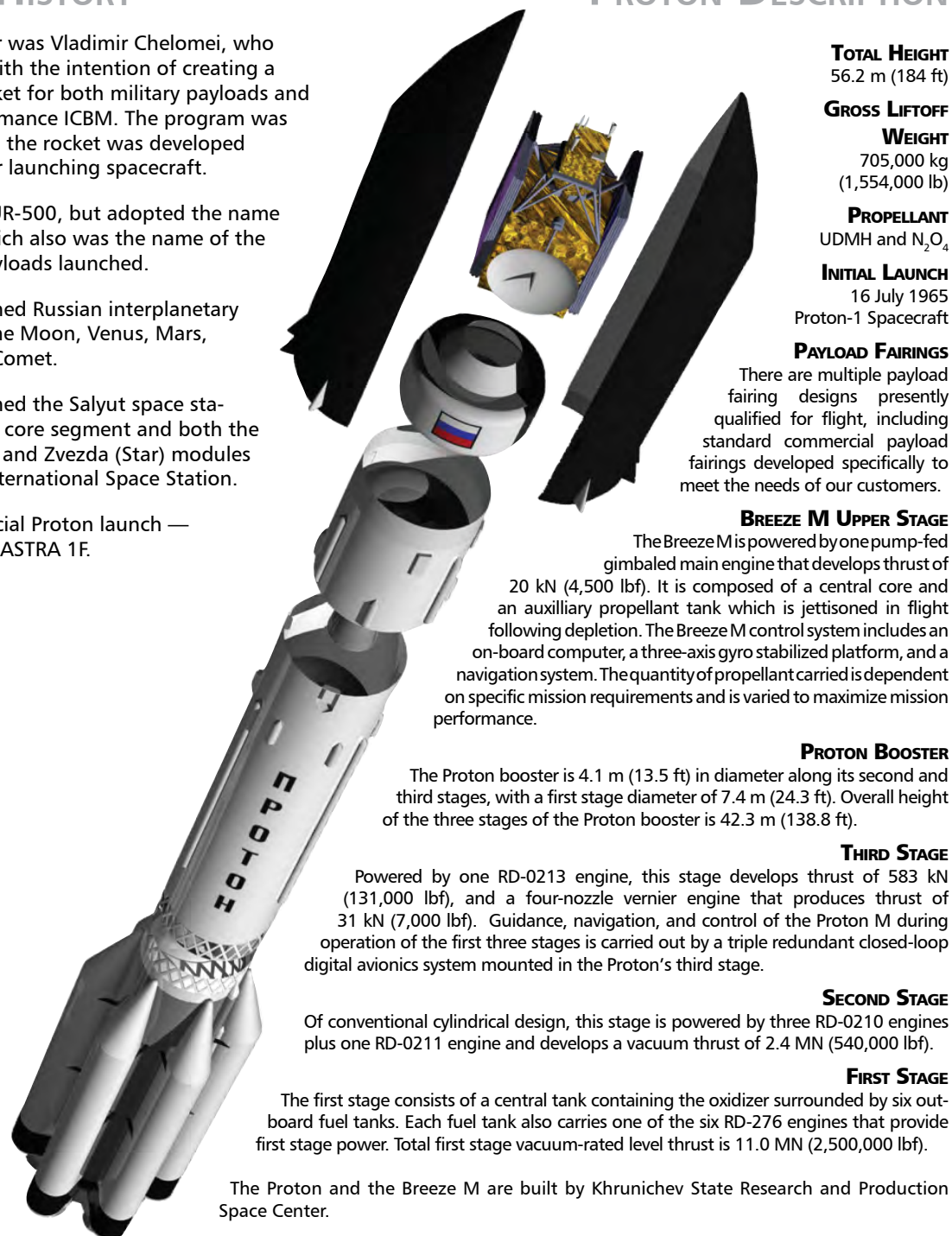


www.ilslaunch.com

PROTON HISTORY

- Lead designer was Vladimir Chelomei, who designed it with the intention of creating a powerful rocket for both military payloads and a high-performance ICBM. The program was changed, and the rocket was developed exclusively for launching spacecraft.
- First named UR-500, but adopted the name "Proton," which also was the name of the first three payloads launched.
- Proton launched Russian interplanetary missions to the Moon, Venus, Mars, and Halley's Comet.
- Proton launched the Salyut space stations, the Mir core segment and both the Zarya (Dawn) and Zvezda (Star) modules for today's International Space Station.
- First commercial Proton launch — 9 April 1996, ASTRA 1F.

PROTON DESCRIPTION



SATELLITE OPERATOR

Telesat
www.telesat.com

SATELLITE MANUFACTURER

Space Systems/Loral
www.ssloral.com

PLATFORM

1300 Spacecraft Bus

SEPARATED MASS

4745 kg

SATELLITE DESIGN LIFE

15 Years

SATELLITE MISSION

Nimiq 5 is a commercial communications satellite built by Space Systems/Loral. The satellite has a 32 transponder Ku-Band payload with capability to switch capacity between Canada and the Continental United States coverage areas. The satellite will be located at 72.7° West longitude. This satellite will be dedicated to the provision of direct-to-home services as part of Telesat's DTH fleet



Nimiq 5

MISSION OVERVIEW

- 7th Proton Launch of 2009/
5th ILS Proton Launch of 2009
- 54th Proton Launch for ILS
- 6th Telesat satellite launch with
ILS Proton
- 13th Space Systems/Loral Satellite
Launched on a Proton



THE MISSION

