Mariner II: 50 years since first planetary visit On December 14, 1962, NASA's Mariner II passed within 35,000km of

Venus, becoming the first spacecraft to successfully fly by another planet MARINER II - TWO SCIENTIFIC BREAKTHROUGHS

MARINER LAUNCHES

Mariner I Jul 22, 1962

Destroyed after veering off course

Mariner II Aug 27, 1962

First successful planetary encounter

Mariner III Nov 5. 1964

Lost nine hours after launch to Mars

Mariner IV Nov 28, 1964 First successful

Mars flyby Mariner V

Jun 14, 1967 Venus flyby

Mariner VI Feb 24, 1969

Mars flyby Mariner VII

Mar 27, 1969 Mars flyby

Mariner VIII

May 9, 1971 Crashed into Atlantic

Ocean shortly after launch to Mars Mariner IX

May 30, 1971 First craft to orbit

another planet (Mars) Mariner X

Nov 3, 1973 First spacecraft to use gravity of one planet

(Venus) to reach another (Mercury)



