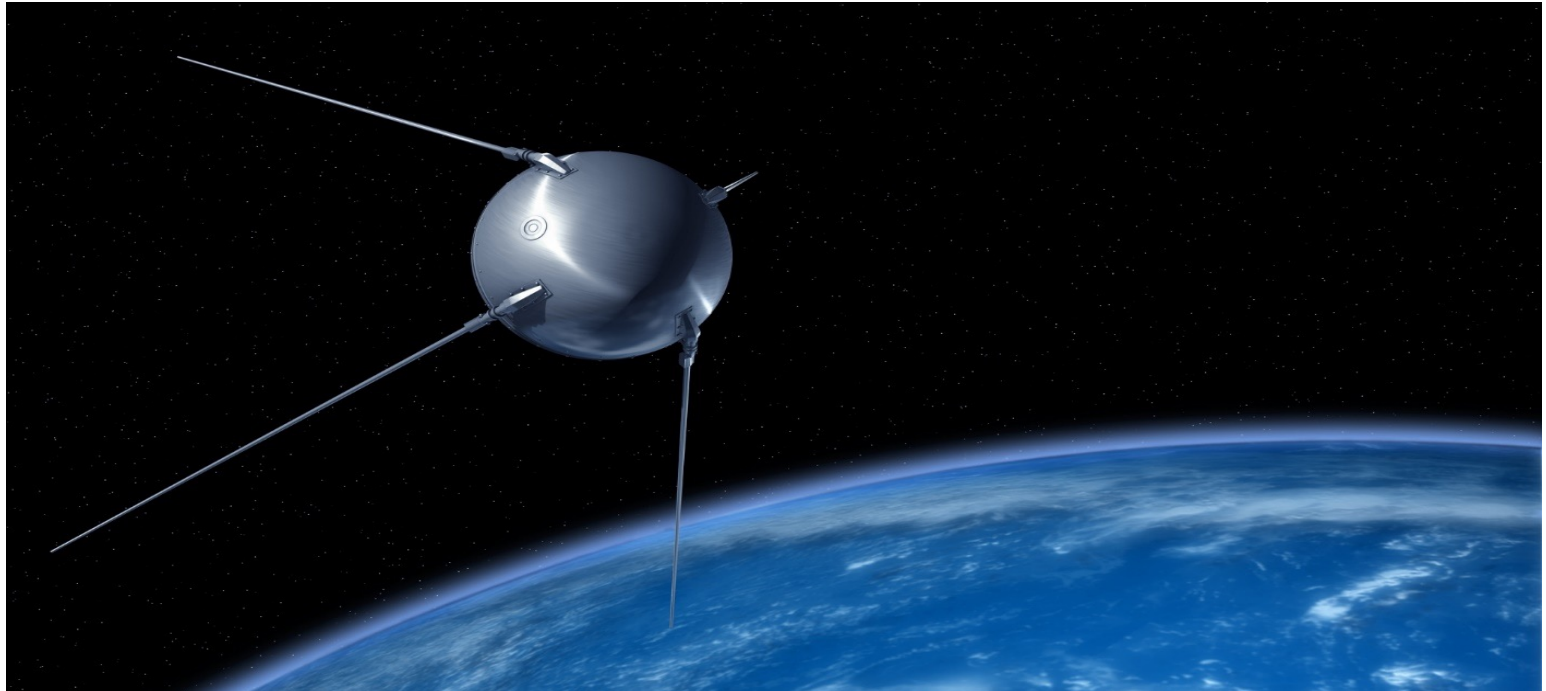


It All Started with Sputnik on Oct 4 1957

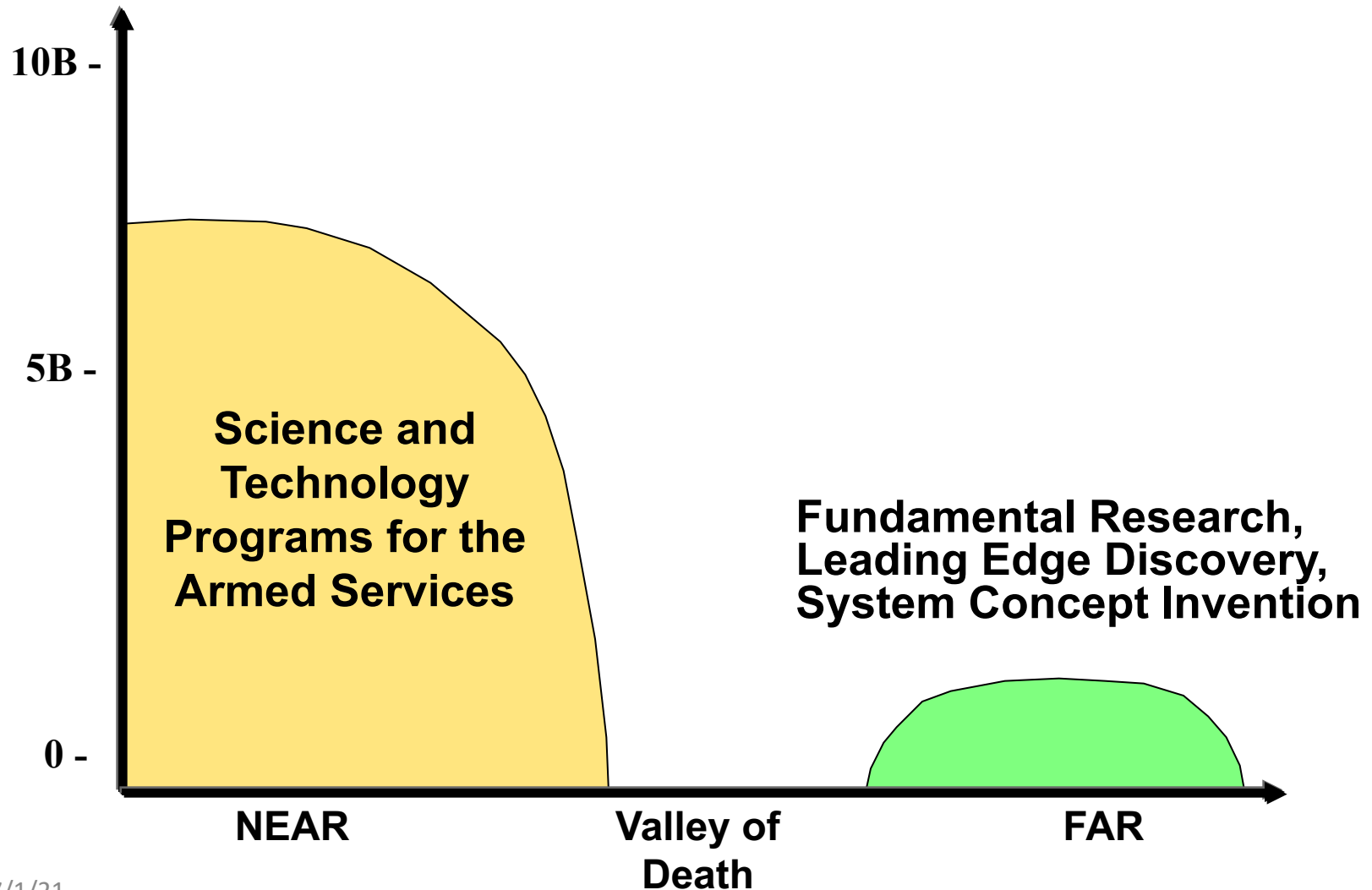


President Eisenhower Asked

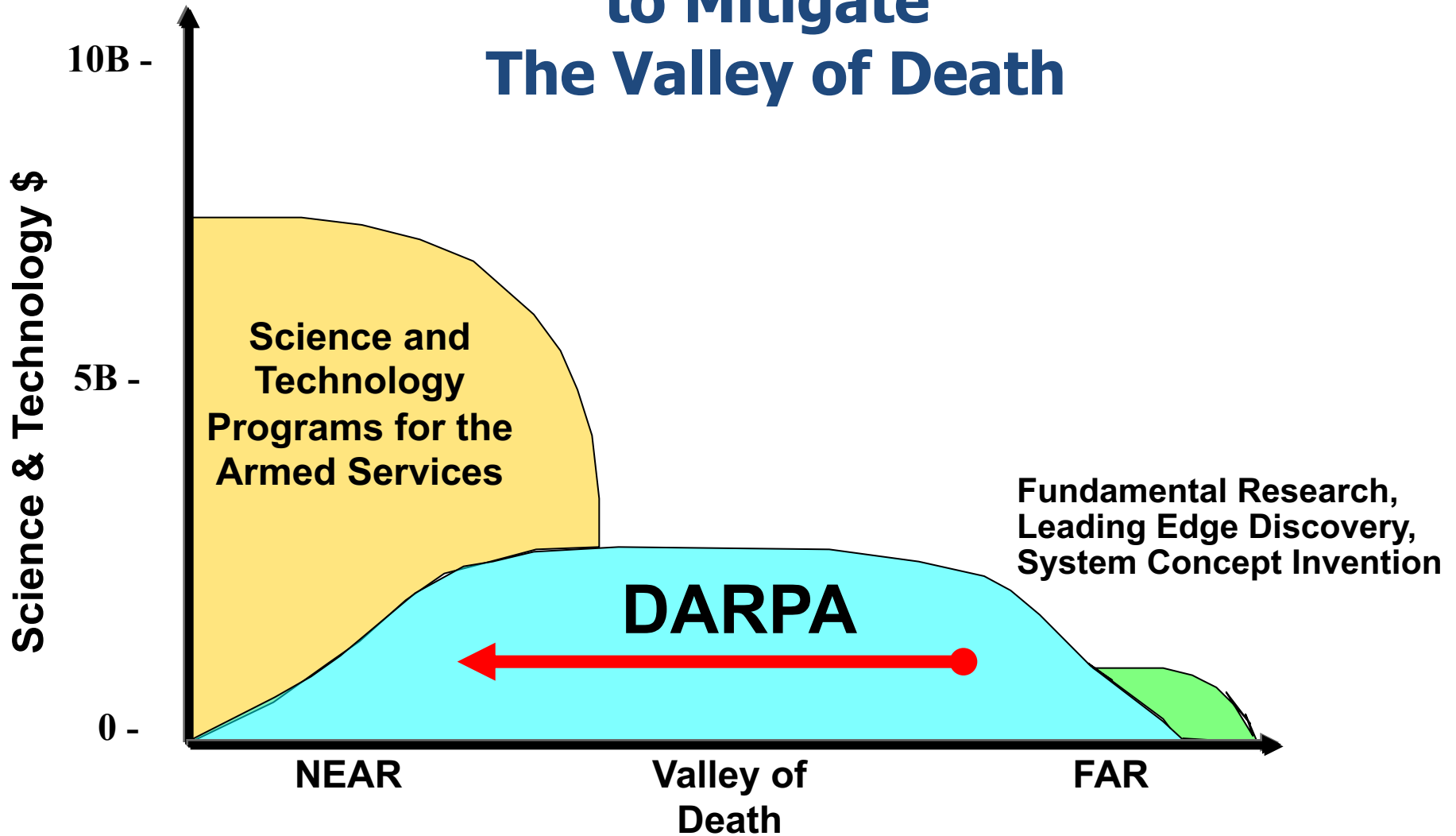
How did the US

Get Beat Going to Space?

He discovered The Valley of Death

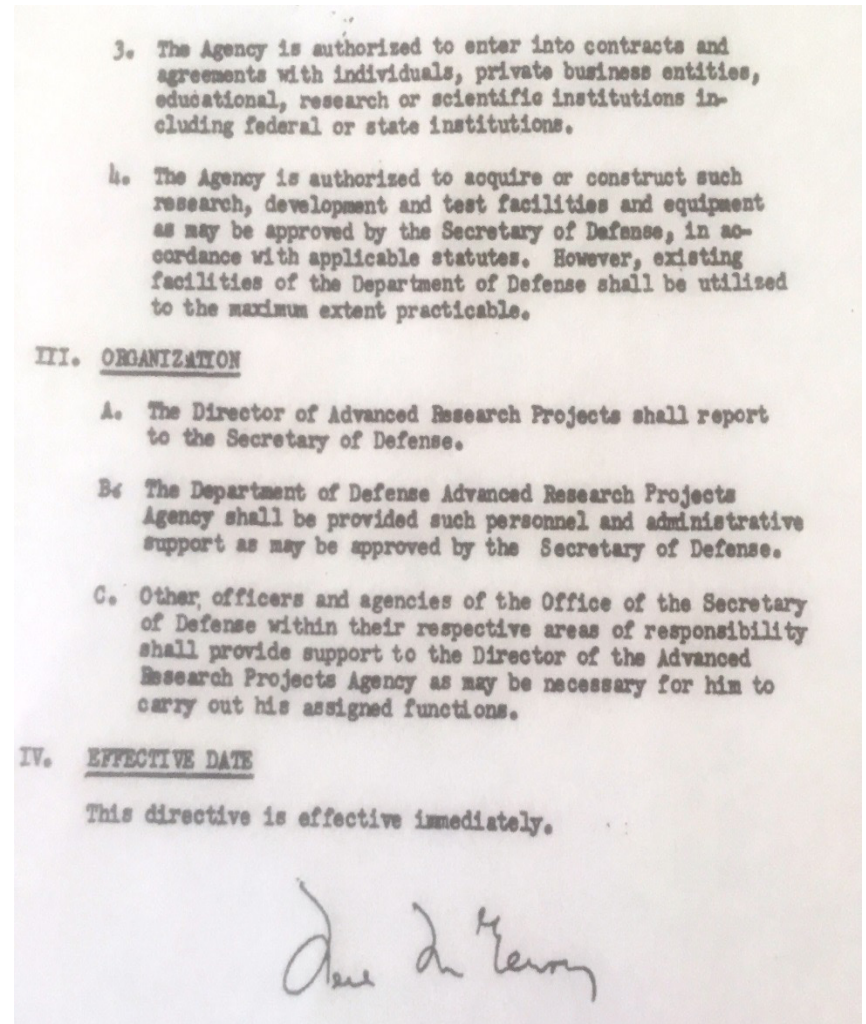
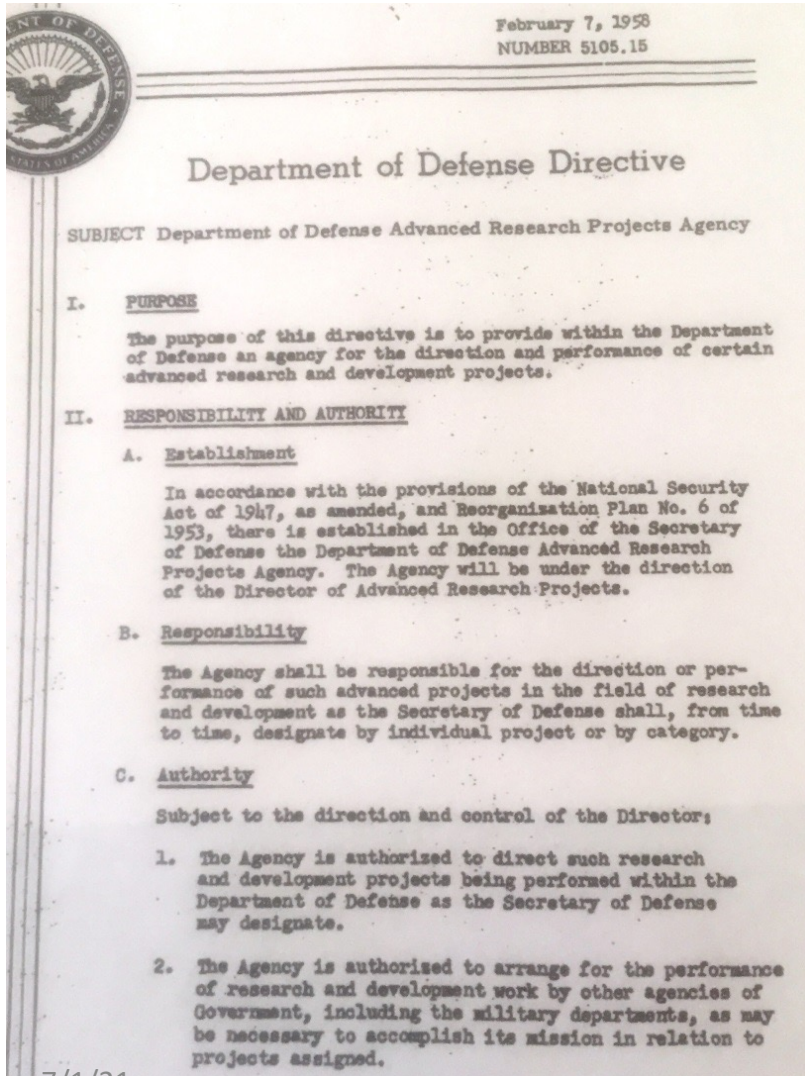


DARPA Was Created to Mitigate The Valley of Death

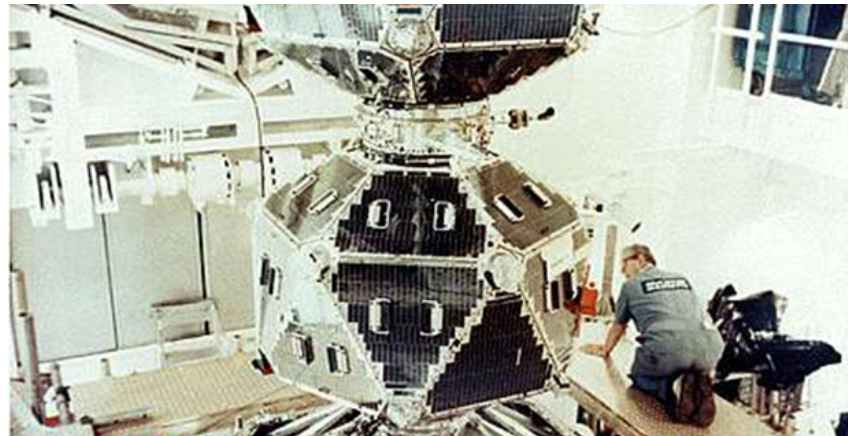


DARPA Creation

Created by President Eisenhower in response to the Soviet launching of Sputnik 1 in 1957
DoD Directive 5105.15 dated Feb 7, 1958



DARPA Early Accomplishments



Nuclear Explosion Detection (Project Vela)

Heilmeier Questions

- A set of questions credited to George Heilmeier that anyone proposing a research project or product development effort should be able to answer.
 - What is the problem you want to solve? Articulate your objectives using absolutely no jargon.
 - How is it done today, and what are the limits of current practice?
 - What's new in your approach and why do you think it will be successful?
 - Who cares? If you're successful, what difference will it make?(transition)
 - What are the risks and the payoffs?
 - How much will it cost?
 - How long will it take?
 - What are the midterm and final "exams" (go/no go criteria)to check for success?