GPS OCX OVERVIEW

WHAT IS GPS?
FIRST DEVELOPED IN 1960
GPS IMPACTS EVERYONE IN THEIR DAILY LIVES

GPS TECHNOLOGY SUPPORTS:

- AERIALS
- SHIPMENTS
- NAVIGATION
- FARMING
- BANKING
- MILITARY
- CONSTRUCTION

GPS HAS TWO KEY SEGMENTS:

SPACE:
- INCLUDES ORBITING SATELLITES

GROUND CONTROL:
- TRACKS, MONITORS AND MANEUVERS THE SATELLITES

WHAT ABOUT GPS OCX MODERNIZATION?
RAYTHEON WILL DELIVER THE ENHANCED GROUND CONTROL SEGMENT, COMMONLY REFERRED TO AS GPS NEXT-GENERATION OPERATIONAL CONTROL SYSTEM, OR GPS OCX.

GPS OCX WILL HAVE:

- 2x TWO TIMES MORE SATELLITES
- MODERN CYBERSECURE INFRASTRUCTURE
- IMPROVED ACCURACY
- GLOBALLY DEPLOYED MODERNIZED RECEIVERS WITH ANTI-JAM CAPABILITIES
- IMPROVED AVAILABILITY IN DIFFICULT TERRAIN

WHEN IS GPS OCX AVAILABLE?

BLOCK 0:
Delivered: 2017
- Provides computing hardware, operations center workstations and mission application
- Essential elements to support first GPS III satellite launch in 2018

BLOCK 1:
Delivery: 2021
- Will provide full operational capability
- Includes legacy and modernized satellites and signals
- Adds control of international and military code signals

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