

AMENDMENT TO H.R. 5089
OFFERED BY M^s. Lofgren_____

Page 40, line 2, insert “-owned and -operated” after “Administration”.

Page 40, line 3, strike “platforms” and insert “systems, including weather satellites systems, and including ground-based operation services and infrastructure,”.

Page 40, beginning line 8, insert after “natural phenomena.” the following: “In carrying out this paragraph, the Administration shall maintain a Federal Government-owned capacity for satellite command and control, and data transmission and processing.”.

Page 40, beginning line 17, insert before the period the following: “, in order to augment or complement the data and information provided by the fleet of systems under paragraph (1).”.

Page 40, beginning line 18, insert the following:

1 “(3) CALIBRATION, VERIFICATION, AND VALI-
2 DATION.—With respect to any space-based observa-
3 tion data and information obtained or provided by
4 the Administration (whether from the Federal Gov-

1 ernment or private sector entities), including under
2 paragraphs (1) and (2), the Under Secretary shall
3 provide independent Federal Government calibration,
4 verification, and validation, develop scientific algo-
5 rithms, and develop and distribute user products.

6 “(4) REQUIREMENTS.—In maintaining the fleet
7 of systems under this subsection, the Under Sec-
8 retary shall develop future space-based platforms to
9 maintain continuity of observations, maintain or im-
10 prove redundancy and resilience, and maintain or
11 improve existing capabilities. In carrying out this
12 paragraph, the Under Secretary shall, as appro-
13 priate, coordinate with the Administrator of the Na-
14 tional Aeronautics and Space Administration
15 (NASA) through the integrated NOAA-NASA pro-
16 gram office under the Joint Agency Satellite Divi-
17 sion of NASA’s Goddard Space Flight Center. For
18 the National Oceanic and Atmospheric Administra-
19 tion’s (NOAA) current and next generation of sat-
20 ellite systems, the Under Secretary shall—

21 “(A) coordinate with the Administrator of
22 NASA to have NASA serve as the procurement
23 agency for such satellite systems; and

24 “(B) take such actions as may be nec-
25 essary to ensure —

1 “(i) such fleet of systems possess an
2 on-orbit capacity such that a minimum of
3 two failures of space-based observation sys-
4 tems are required to occur before a gap re-
5 sults in space-based data or information
6 service; and
7 “(ii) NOAA possesses the ability to
8 restore, not later than one year after any
9 such failure, such fleet of systems to a
10 two-failure condition described in clause
11 (i).”.

Page 41, line 4, strike “and”.

Page 41, beginning line 5, insert the following:

12 (3) in subsection (c), by adding at the end the
13 following new paragraph:
14 “(3) GEOSTATIONARY EXTENDED OBSERVA-
15 TIONS SATELLITE SYSTEM.—The Under Secretary
16 shall—
17 “(A) develop the next generation geo-
18 stationary extended observations satellite sys-
19 tem, known as GeoXO, including by maintain-
20 ing continuity of data in geostationary orbit
21 while modernizing and improving space-based
22 weather-monitoring capabilities, and maintain-

1 ing first launch in 2032, with data quality
2 standards that meet or exceed GOES-R re-
3 quirements;

4 “(B) maintain imaging and sounding capa-
5 bilities as core instruments for all GeoXO sat-
6 ellites, and retain additional instruments that
7 satisfy cost and schedule commitments to sat-
8 isfy NOAA’s requirements and improve existing
9 capabilities, including evaluating previous
10 NOAA and NASA investments in developing,
11 testing, and demonstrating space-based observ-
12 ing systems to transition such capabilities into
13 operations;

14 “(C) not later than August 31, 2026, with-
15 draw any orders or directives issued to NASA
16 or contractors with existing awards under the
17 GeoXO program that stop or pause work on
18 such awards; and

19 “(D) prior to the termination of any cur-
20 rent GeoXO program element for any reason,
21 submit to the Committee on Appropriations and
22 the Committee on Science, Space, and Tech-
23 nology of the House of Representatives and the
24 Committee on Appropriations and the Com-
25 mittee on Commerce, Science, and Transpor-

1 tation of the Senate a revised mission architec-
2 ture and implementation plan, including compo-
3 nent costs, a planned launch schedule, and any
4 projected termination liability costs.”; and

