

AMENDMENT TO H.R. 4909
OFFERED BY MR. FRANKS OF ARIZONA

At the appropriate place in title XVI, add the following new section:

1 **SEC. 16 ____ . DEVELOPMENT AND RESEARCH OF NON-TER-**
2 **RESTRIAL MISSILE DEFENSE LAYER.**

3 (a) **DEVELOPMENT.—**

4 (1) **IN GENERAL.—**Not later than 30 days after
5 the date of the enactment of this Act, the Director
6 of the Missile Defense Agency, with the support of
7 federally funded research and development centers
8 with subject matter expertise, shall commence the
9 concept definition, design, research, development, en-
10 gineering evaluation, and test of a space-based bal-
11 listic missile intercept and defeat layer to the bal-
12 listic missile defense system that—

13 (A) shall provide defense options to bal-
14 listic missiles and re-entry vehicles, independent
15 of adversary country size and threat trajectory;
16 and

17 (B) may provide a boost-phase missile de-
18 fense capability, as well as additional defensive
19 options against direct ascent anti-satellite weap-

1 ons, hypersonic boost glide vehicles, and maneu-
2 vering re-entry vehicles.

3 (2) ACTIVITIES.—The activities authorized
4 under paragraph (1) shall include, at a minimum,
5 the following:

6 (A) The initiation of formal steps for po-
7 tential integration into the ballistic missile de-
8 fense system architecture.

9 (B) Mature planning for early proof of
10 concept component demonstrations.

11 (C) Draft operation concepts in the context
12 of a multi-layer architecture.

13 (D) Identification of proof of concept ven-
14 dor sources for demo components and sub-
15 assemblies.

16 (E) The development of multi-year tech-
17 nology and risk reduction investment plan.

18 (F) The commencement of the develop-
19 ment of a proof of concept master program
20 phasing schedule.

21 (G) Identification of proof of concept long
22 lead items.

23 (H) Initiation of requests for proposals
24 from industry with significant commercial, civil,

1 and national security space experience, includ-
2 ing for space launch services.

3 (I) Mature options for an aggressive but
4 low-risk acquisition strategy.

5 (b) SPACE TEST BED.—Not later than 60 days after
6 the date of the enactment of this Act, the Director shall
7 commence research, development, test, and evaluation ac-
8 tivities with respect to a space test bed for a missile inter-
9 ceptor capability.

10 (c) BUDGET SUBMISSIONS.—The Director shall in-
11 clude in the budget of the President submitted to Congress
12 under section 1105(a) of title 31, United States Code, for
13 fiscal year 2018, and in the future-years defense program
14 under section 221 of title 10, United States Code, that
15 is submitted in 2017, a detailed budget and development
16 plan, irrespective of planned budgetary total obligation au-
17 thority, for the activities described in subsections (a) and
18 (b), assuming initial demonstration, on-orbit, of such the
19 capabilities described in such subsections by 2025.

