

AMENDMENT TO RULES COMMITTEE PRINT 116-

22

OFFERED BY MRS. MURPHY OF FLORIDA

At the end of title VII, add the following:

1 **SEC. 708. REPORT ON DEEPPAKE TECHNOLOGY, FOREIGN**
2 **WEAPONIZATION OF DEEPPAKES, AND RE-**
3 **LATED NOTIFICATIONS.**

4 (a) REPORT ON FOREIGN WEAPONIZATION OF
5 DEEPPAKES AND DEEPPAKE TECHNOLOGY.—

6 (1) REPORT REQUIRED.—Not later than 180
7 days after the date of the enactment of this Act, the
8 Director of National Intelligence, in consultation
9 with the heads of the elements of the intelligence
10 community determined appropriate by the Director,
11 shall submit to the congressional intelligence com-
12 mittees a report on—

13 (A) the potential national security impacts
14 of machine-manipulated media (commonly
15 known as “deepfakes”); and

16 (B) the actual or potential use of machine-
17 manipulated media by foreign governments to
18 spread disinformation or engage in other malign
19 activities.

1 (2) MATTERS TO BE INCLUDED.—The report
2 under subsection (a) shall include the following:

3 (A) An assessment of the technical capa-
4 bilities of foreign governments, including for-
5 eign intelligence services, foreign government-
6 affiliated entities, and foreign individuals, with
7 respect to machine-manipulated media, ma-
8 chine-generated text, generative adversarial net-
9 works, and related machine-learning tech-
10 nologies, including—

11 (i) an assessment of the technical ca-
12 pabilities of the People’s Republic of China
13 and the Russian Federation with respect to
14 the production and detection of machine-
15 manipulated media; and

16 (ii) an annex describing those govern-
17 mental elements within China and Russia
18 known to have supported or facilitated ma-
19 chine-manipulated media research, develop-
20 ment, or dissemination, as well as any
21 civil-military fusion, private-sector, aca-
22 demic, or non-governmental entities which
23 have meaningfully participated in such ac-
24 tivities.

1 (B) An updated assessment of how foreign
2 governments, including foreign intelligence serv-
3 ices, foreign government-affiliated entities, and
4 foreign individuals, could use or are using ma-
5 chine-manipulated media and machine-gen-
6 erated text to harm the national security inter-
7 ests of the United States, including an assess-
8 ment of the historic, current, or potential future
9 efforts of China and Russia to use machine-ma-
10 nipulated media, including with respect to—

11 (i) the overseas or domestic dissemi-
12 nation of misinformation;

13 (ii) the attempted discrediting of polit-
14 ical opponents or disfavored populations;
15 and

16 (iii) intelligence or influence oper-
17 ations directed against the United States,
18 allies or partners of the United States, or
19 other jurisdictions believed to be subject to
20 Chinese or Russian interference.

21 (C) An updated identification of the
22 counter-technologies that have been or could be
23 developed and deployed by the United States
24 Government, or by the private sector with Gov-
25 ernment support, to deter, detect, and attribute

1 the use of machine-manipulated media and ma-
2 chine-generated text by foreign governments,
3 foreign-government affiliates, or foreign individ-
4 uals, along with an analysis of the benefits, lim-
5 itations and drawbacks of such identified
6 counter-technologies, including any emerging
7 concerns related to privacy.

8 (D) An identification of the offices within
9 the elements of the intelligence community that
10 have, or should have, lead responsibility for
11 monitoring the development of, use of, and re-
12 sponse to machine-manipulated media and ma-
13 chine-generated text, including—

14 (i) a description of the coordination of
15 such efforts across the intelligence commu-
16 nity;

17 (ii) a detailed description of the exist-
18 ing capabilities, tools, and relevant exper-
19 tise of such elements to determine whether
20 a piece of media has been machine manip-
21 ulated or machine generated, including the
22 speed at which such determination can be
23 made, the confidence level of the element
24 in the ability to make such a determination
25 accurately, and how increasing volume and

1 improved quality of machine-manipulated
2 media or machine-generated text may neg-
3 atively impact such capabilities; and

4 (iii) a detailed description of planned
5 or ongoing research and development ef-
6 forts intended to improve the ability of the
7 intelligence community to detect machine-
8 manipulated media and machine-generated
9 text.

10 (E) A description of any research and de-
11 velopment activities carried out or under consid-
12 eration to be carried out by the intelligence
13 community, including the Intelligence Advanced
14 Research Projects Activity, relevant to machine-
15 manipulated media and machine-generated text
16 detection technologies.

17 (F) Updated recommendations regarding
18 whether the intelligence community requires ad-
19 ditional legal authorities, financial resources, or
20 specialized personnel to address the national se-
21 curity threat posed by machine-manipulated
22 media and machine generated text.

23 (G) Other additional information the Di-
24 rector determines appropriate.

1 (b) FORM.—The report under subsection (a) shall be
2 submitted in unclassified form, but may include a classi-
3 fied annex.

4 (c) REQUIREMENT FOR NOTIFICATION.—The Direc-
5 tor of National Intelligence, in cooperation with the heads
6 of any other relevant departments or agencies of the Fed-
7 eral Government, shall notify the congressional intel-
8 ligence committees each time the Director of National In-
9 telligence determines—

10 (1) there is credible information or intelligence
11 that a foreign entity has attempted, is attempting,
12 or will attempt to deploy machine-manipulated
13 media or machine-generated text aimed at the elec-
14 tions or domestic political processes of the United
15 States; and

16 (2) that such intrusion or campaign can be at-
17 tributed to a foreign government, a foreign govern-
18 ment-affiliated entity, or a foreign individual.

19 (d) ANNUAL UPDATE.—Upon submission of the re-
20 port in subsection (a), on an annual basis, the Director
21 of National Intelligence, in consultation with the heads of
22 the elements of the intelligence community determined ap-
23 propriate by the Director, shall submit to the congres-
24 sional intelligence committees any significant updates with
25 respect to the matters described in subsection (a).

1 (e) DEFINITIONS.—

2 (1) MACHINE-GENERATED TEXT.—The term
3 “machine-generated text” means text generated
4 using machine-learning techniques in order to resem-
5 ble writing in natural language.

6 (2) MACHINE-MANIPULATED MEDIA.—The term
7 “machine-manipulated media” has the meaning
8 given that term in section 707.

