AMENDMENT TO RULES COMMITTEE PRINT 116–22

OFFERED BY MRS. MURPHY OF FLORIDA

At the end of title VII, add the following:

SEC. 708. REPORT ON DEEPFAKE TECHNOLOGY, FOREIGN WEAPONIZATION OF DEEPFAKES, AND RELATED NOTIFICATIONS.

(a) Report on Foreign Weaponization of Deepfakes and Deepfake Technology.—

(1) Report required.—Not later than 180 days after the date of the enactment of this Act, the Director of National Intelligence, in consultation with the heads of the elements of the intelligence community determined appropriate by the Director, shall submit to the congressional intelligence committees a report on—

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

(B) the actual or potential use of machine-manipulated media by foreign governments to spread disinformation or engage in other malign activities.
(2) MATTERS TO BE INCLUDED.—The report under subsection (a) shall include the following:

(A) An assessment of the technical capabilities of foreign governments, including foreign intelligence services, foreign government-affiliated entities, and foreign individuals, with respect to machine-manipulated media, machine-generated text, generative adversarial networks, and related machine-learning technologies, including—

(i) an assessment of the technical capabilities of the People’s Republic of China and the Russian Federation with respect to the production and detection of machine-manipulated media; and

(ii) an annex describing those governmental elements within China and Russia known to have supported or facilitated machine-manipulated media research, development, or dissemination, as well as any civil-military fusion, private-sector, academic, or non-governmental entities which have meaningfully participated in such activities.
(B) An updated assessment of how foreign governments, including foreign intelligence services, foreign government-affiliated entities, and foreign individuals, could use or are using machine-manipulated media and machine-generated text to harm the national security interests of the United States, including an assessment of the historic, current, or potential future efforts of China and Russia to use machine-manipulated media, including with respect to—

(i) the overseas or domestic dissemination of misinformation;

(ii) the attempted discrediting of political opponents or disfavored populations; and

(iii) intelligence or influence operations directed against the United States, allies or partners of the United States, or other jurisdictions believed to be subject to Chinese or Russian interference.

(C) An updated identification of the counter-technologies that have been or could be developed and deployed by the United States Government, or by the private sector with Government support, to deter, detect, and attribute
the use of machine-manipulated media and ma-
chine-generated text by foreign governments,
foreign-government affiliates, or foreign individ-
uals, along with an analysis of the benefits, lim-
itations and drawbacks of such identified
counter-technologies, including any emerging
contems related to privacy.

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

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

(ii) a detailed description of the exist-
ing capabilities, tools, and relevant expert-
tise of such elements to determine whether
a piece of media has been machine manip-
ulated or machine generated, including the
speed at which such determination can be
made, the confidence level of the element
in the ability to make such a determination
accurately, and how increasing volume and
improved quality of machine-manipulated
media or machine-generated text may neg-
atively impact such capabilities; and

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

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

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

(G) Other additional information the Di-
rector determines appropriate.
(b) FORM.—The report under subsection (a) shall be submitted in unclassified form, but may include a classified annex.

(c) REQUIREMENT FOR NOTIFICATION.—The Director of National Intelligence, in cooperation with the heads of any other relevant departments or agencies of the Federal Government, shall notify the congressional intelligence committees each time the Director of National Intelligence determines—

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

(2) that such intrusion or campaign can be attributed to a foreign government, a foreign government-affiliated entity, or a foreign individual.

(d) ANNUAL UPDATE.—Upon submission of the report in subsection (a), on an annual basis, the Director of National Intelligence, in consultation with the heads of the elements of the intelligence community determined appropriate by the Director, shall submit to the congressional intelligence committees any significant updates with respect to the matters described in subsection (a).
(e) **DEFINITIONS.**—

1. **MACHINE-GENERATED TEXT.**—The term “machine-generated text” means text generated using machine-learning techniques in order to resemble writing in natural language.

2. **MACHINE-MANIPULATED MEDIA.**—The term “machine-manipulated media” has the meaning given that term in section 707.