2. Governments may permit, as administrative exceptions, the shipment of the following cryptographic equipment, provided	b. Incorporating other than lead zirconate titanate as the transduction element; or
they are reasonably satisfied that the equipment is intended for civil use:	<ol> <li>Designed to measure distances to objects at ranges exceeding 5,120 m;</li> </ol>
a. Access control equipment, such as automatic teller machines, self-service statement printers or point of sale terminals,	1061. 1. a. 1. c. Acoustic projectors, including transducers, incor- porating piezoelectric, magnetostrictive, elec-
which protects password or personal identification numbers (PIN) or similar data to prevent unauthorized access to	trostrictive, electrodynamic or hydraulic elements operating individually or in a designed combina-
facilities but does not allow for encryption of files or text, except as directly related to the password or PIN protection:	tion, having any of the following:
<ul> <li>b. Data authentication equipment which calculates a Message</li> <li>b. Authentication Goda (MAC) or similar result to anyware accurate to the second sec</li></ul>	The embargo status of acoustic projectors, including
alteration of text has taken place, or to authenticate users, but does not allow for encryption of data, text or other media	is determined by the embargo 1 status of the other equipment.
other than that needed for the authentication;	1061. 1. a. 1. c. 1. An instantaneous radiated acoustic power density exceeding 0.01 mW/mm <sup>2</sup> /Hz for
modified for use in machines for banking or money	devices operating at frequencies below 10
statement printers, point of sale terminals, or equipment for	2. A continuously radiated acoustic power den-
the encryption of interbanking transactions, and intended for use only in such applications.	sity exceeding 0.001 mW/mm*/Hz for devices operating at frequencies below 10 kHz;
<ol> <li>Governments may permit, as administrative exceptions, the shipment of the following cryptographic "software":</li> </ol>	Technical Note: Acoustic power density is obtained by dividing the
a. "Software" required for the "use" of equipment eligible for Administrative Exceptions under Notes 1 and 2:	output acoustic power by the product of the area of the radiating surface and the frequency of operation.
b. "Software" providing any of the functions of equipment	3. Designed to withstand pressure during normal
engible for Administrative Exceptions under fyotes 1 and 2.	4. Side-lobe suppression exceeding 22 dB;
1060. SENSORS AND LASERS	1061.1.a.1.c. does not embargo electronic sources
1061. EQUIPMENT, ASSEMBLIES AND	which direct the sound vertically only, or mechani- cal (e.g., air gun or vapour-shock gun) or chemical
COMPONENTS	(e.g., explosive) sources. 1061. 1. a. 1. d. Acoustic systems, equipment or specially designed
1061. 1. ACOUSTICS	components for determining the position of surface vessels or underwater vehicles designed;
1061. 1. a. Marine acoustic systems, equipment or specially designed components therefor, as follows:	<b>NOTE:</b> 10611 a 1 d includes equipment using coherent
1061. 1. a. 1. Active (transmitting or transmitting-and-receiving) systems, equipment or specially designed components	"signal processing" between two or more beacons
therefor, as follows: NOTE:	vessel or underwater vehicle, or capable of automat-
1061.1.a.1. does not embargo depth sounders operating	for calculation of a point.
function exceeding ± 10°, and limited to measuring the depth of water, the distance of submerged or buried objects or fish finding	1061. 1. a. 1. d. 1. To operate at a range exceeding 1,000 m with a positioning accuracy of less than 10 m rms (root mean square) when measured at a range
1061. 1. a. 1. a. Wide-swath bathymetric survey systems for sea	of 1,000 m; or 2. To withstand pressure at depths exceeding
1. Designed:	1,000 m; 1061. 1. a. 2. Passive (receiving, whether or not related in normal
a. To take measurements at an angle exceed- ing 10° from the vertical; and	application to separate active equipment) systems, equipment or specially designed components therefor,
b. To measure depths exceeding 600 m below the water surface; and	as follows: a Hydrophones (transducers) with any of the
2. Designed:	following characteristics:
which is less than 2°; or	assemblies of discrete sensor elements with
0.5% of water depth across the swath	and with a separation between elements of less
ments within the swath;	2. Having any of the following sensing elements:
1061. 1. a. 1. b. Object detection or location systems having any of the following:	a. Optical fibres; b. Piezoelectric polymers; or
<ol> <li>A transmitting frequency below 10 kHz;</li> <li>Sound pressure level exceeding 224 dB</li> </ol>	<ul><li>c. Flexible piezoelectric ceramic materials;</li><li>3. Hydrophone sensitivity better than -180 dB at</li></ul>
(reference 1 micropascal at 1 m) for equip- ment with an operating frequency in the band	any depth with no acceleration compensation; 4. When designed to operate at depths not
from 10 kHz to 24 kHz inclusive;	exceeding 35 m, hydrophone sensitivity better than -186 dB with acceleration compensation:
(reference 1 micropascal at 1 m) for equip-	5. When designed for normal operation at depths
between 24 kHz and 30 kHz;	than -192 dB with acceleration compensation;
<ol> <li>Forming beams of less than 1° on any axis and having an operating frequency of less than</li> </ol>	6. When designed for normal operation at depths exceeding 100 m, hydrophone sensitivity bet-
100 kHz; 5. Designed to withstand pressure during normal	ter than -204 dB; or 7. Designed for operation at depths exceeding
operation at depths exceeding 1,000 m and having transducers:	1,000 m; Technical Note:
a. Dynamically compensated for pressure; or	Hydrophone sensitivity is defined as twemty
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