TRADE AND INDUSTRY DEPARTMENT
TELECOMMUNICATIONS QUESTIONNAIRE

Name of Applicant :
_____

Brand Name & Model of equipment :
_____
(use separate questionnaires for different models)

Complete all questions. If not applicable state N/A. Expressions in double quotation marks and contents of the categories referred to this questionnaire are defined in the Import and Export (Strategic Commodities) Regulations and/or the Import and Export (Strategic Commodities) Regulations (Amendment of Schedules 1 and 2) Order 2001.

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5A1 SYSTEMS, EQUIPMENT AND COMPONENTS

Does the system contain the following equipment or exceed any of the limits below?
If yes, please provide details and technical literature in that particular respect.

5A001(a) Telecommunications equipment having any of the following characteristics, functions or features:

(1) Specially designed to withstand transitory electronic effects or electro-magnetic pulse effects, both arising from a nuclear explosion; Yes/No

(2) Specially hardened to withstand gamma, neutron or ion radiation; Yes/No

(3) Specially designed to operate outside the temperature range from 218 K (-55°C) to 397 K (124°C); Yes/No

5A001(b) Telecommunication Transmission Equipment and Systems? Yes/No

5A001(b)(1) Underwater communications systems:

(a) Acoustic carrier frequency (kHz); _____

(b) Electromagnetic carrier frequency (kHz); _____

(c) Using electronic beam steering techniques; Yes/No

5A001(b)(2) Radio equipment, state the operating frequency band (MHz):

_____

The radio equipment incorporating:

(a) Adaptive techniques to provide suppression of the interfering signal, state the suppression in dB;

_____

(b)(1) Automatic prediction and selection of frequencies and "total digital transfer rates" per channel to optimize the transmission; Yes/No

(b)(2) A linear power amplifier configuration and has the capability to support multiple signals simultaneously; Yes/No

If ' Yes' , state the:

(i) Output power (kW); _____

(ii) Frequency range (MHz);

(iii) "Instantaneous bandwidth of one octave or more and with an output harmonic and distortion content of better than (dB); _____

5A001(b)(3) Radio equipment employing "spread spectrum" techniques, including "frequency hopping" techniques:

(a) User programmable spreading codes; Yes/No

(b) (i) Total transmitted bandwidth (kHz); _____

(ii) The bandwidth (kHz) of any one information channel; _____

5A001(b)(4) For digitally controlled radio receivers, state the operating frequency bands:

_____

State:

(a) The number of channels; _____

(b) "Frequency switching time" (ms); _____

(c) Search or scan automatically a part of the electromagnetic spectrum; Yes/No

(d) Identify the received signals or the type of transmitter; Yes/No

5A001(b)(5) Employing functions of digital "signal processing" to provide voice coding at rate (bit/s) of; _____

5A001(c) Optical fibre communications cables, optical fibres and accessories? Yes/No

5A001(c)(1) (a) Length of optical fibres (m); _____

(b) Proof test tensile stress of optical fibre (N/m^2); _____

5A001(c)(2) Optical fibre cables and accessories designed for underwater use; Yes/No

5A001(d) "Electronically steerable phased array antenna", its operating frequency (GHz); _____

5A101 Telemetering and telecontrol equipment usable for "missiles"; Yes/No

5B1 TEST, INSPECTION AND PRODUCTION EQUIPMENT

5B001(a) Equipment specially designed for the "development", "production" or "use" of equipment, materials, functions or features controlled by 5A001, 5B001, 5D001, 5E001; Yes/No

5B001(b) Equipment specially designed or modified for the "development" of any of the following telecommunication transmission or "stored programme controlled" switching equipment:

5B001(b)(1) Equipment employing digital techniques, including "Asynchronous Transfer Mode" ("ATM"), designed to operate at a "total digital transfer rate" (Gbit/s); _____

5B001(b)(2) Equipment employing a "laser" and having any of the following :

(a) A transmission wavelength (nm); _____

(b) Performing "optical amplification"; Yes/No

(c) Employing coherent optical transmission or coherent optical detection techniques (also called optical heterodyne or homodyne techniques); Yes/No

(d) (i) Employing analogue techniques and having a bandwidth (GHz);

(ii) Equipment specially designed for the "development" of commercial TV systems. Yes/No

5B001(b)(3) Equipment employing "optical switching"; Yes/No

5B001(b)(4) Radio equipment employing Quadrature-amplitude-modulation (QAM) techniques at level of;

5B001(b)(5) Equipment employing "common channel signalling" operating in either non-associated or quasi-associated mode of operation; Yes/No

5D1 SOFTWARE

Is there any "software" included with the telecommunications equipment? Yes/No

If yes, complete the following:

5D001(a) "Software" specially designed or modified for the "development", "production" or "use" of equipment, functions or features controlled by 5A001 or 5B001; Yes/No

If 'Yes', state below which functionality is described by 5A001 or 5B001 (e.g. 5A001(c)(2), ...etc.):

5D001(b) "Software" specially designed or modified to support "technology" controlled by 5E001; Yes/No

5D001(c) Specific "software" as follows:

5D001(c)(1) "Software" specially designed or modified to provide characteristics functions or features of equipment controlled by5A001 or 5B001; Yes/No

5D001(c)(3) "Software" other than in machine-executable form, specially designed for "dynamic adaptive routing"; Yes/No

5D001(d) "Software" specially designed or modified for the "development" of any of the following telecommunication transmission or "stored programme controlled" switching equipment:

5D001(d)(1) Equipment employing digital techniques, including "Asynchronous Transfer Mode" ("ATM"), designed to operate at a "total digital transfer rate" (Gbit/s);

5D001(d)(2) Equipment employing a "laser" and having any of the following :

(a) A transmission wavelength (nm);

(b) (i) Employing analogue techniques and having a bandwidth (GHz);

(ii) "Software" specially designed for the "development" of commercial TV systems. Yes/No

5D001(d)(3) Equipment employing "optical switching"; Yes/No

5D001(d)(4) Radio equipment employing Quadrature-amplitude-modulation (QAM) techniques at level of;

5A2/5D2 "INFORMATION SECURITY"

5A002/5D002

The equipment contain hardware or software that provides cryptographic capabilities on password, PIN or authentication for access control only;	Yes/No
The equipment contain hardware or software that provides cryptographic capabilities on data; (* If "yes", please also complete the questionnaire of Cryptography.)	Yes/No*

Block diagram showing the proposed telecommunications system configuration :

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I declare to the best of my knowledge and belief the information given above is true and correct.

Signature & Company chop :

Name & Title : **Date:**

July 2001
Trade and Industry Department