APPENDIX A

Proposed arrangements for foundation, standard and advanced licensing options

	Foundation	Standard	Advanced
Qualifications: regulations	Regulations in limited detail: ▪ nature of amateur radio ▪ callsigns & identification ▪ no codes, broadcasting, music ▪ subject to ITU Radio Regulations ▪ permitted frequencies, modes & power. ▪ operation of transmitters and receivers ▪ amateur operating procedures	Full regulations as required at present, plus: ▪ CEPT compatibility rules ▪ EMR requirements	Full regulations as required at present, plus: ▪ CEPT compatibility rules ▪ EMR requirements ▪ advanced interference legislation
Qualifications: theory	Derived from UK foundation licence and CQVK discovery licence proposals, including: ▪ electronic & spectrum units ▪ electronic laws & equations ▪ spectrum principles ▪ transceiver block diagrams ▪ antennas ▪ safety	Basic theory, perhaps tending to lower than the current novice standard, similar to UK intermediate licence. Items to be removed from syllabus: ▪ vacuum tubes ▪ advanced modes of transmission & reception Assessment standards for other items to be redefined. Safety to include electrical & RF safety, including EMR.	Unrestricted theory as at present with some additions: ▪ interference location and resolution ▪ EMR assessment of sites ▪ antenna gain & radiation pattern calculations Safety to include electrical and RF safety, including EMR.
Assessment	Non-compulsory training course. Written examination or continuous assessment by accredited institution. Practical training/assessment of operating procedures and operation of equipment required.	Non-compulsory training course. To include practical assessment e.g. assemble and operate a station from supplied transceiver, antenna tuner, power supply, etc. Written examination or continuous assessment by accredited institution.	Non-compulsory training course. To include some form of practical assessment, e.g. construction of a measuring instrument or antenna tuner, or teaching classes for lower levels. Written examination or continuous assessment by accredited institution.
Bands	3.5–3.7 MHz 7.0–7.3 MHz 21.0–21.45 MHz 28.0–29.7 MHz 144–148 MHz 430–450 MHz. Maximum occupied bandwidth: 8 kHz below 28 MHz, 16 kHz from 28 to 148 MHz, within band edges above 148 MHz.	As for foundation, plus 14.000–14.350 MHz 52.000–54.000 MHz 1.240–1.300 GHz 2.400–2.450 GHz 5.650–5.850 GHz Maximum occupied bandwidth: 8 kHz below 28 MHz, 16 kHz from 28 to 148 MHz, within band edges above 148 MHz.	All bands as currently available. Maximum occupied bandwidth: 8 kHz below 28 MHz, 16 kHz from 28 to 148 MHz, within band edges above 148 MHz.
Permitted power	10 W PEP for all permitted modes	100 W PEP for all permitted modes	400 W PEP, all modes.
Modes	Voice or morse code modulation only.	As in current Amateur Determination for novice.	As in current Amateur Determination for unrestricted.
Additional notes	Only unmodified transmitting equipment of commercial manufacture is permitted. Antenna experimentation is permitted.	May construct any parts of the station.	Access to two-letter callsigns if available.
Translation of present licensing options	New level	Novice Novice limited	Unrestricted Intermediate Limited