

Consultation response form

Question	Your response
Question 1: Do you agree with our proposed additional technical conditions for using 2.6 GHz D2D services in order to protect 2.7-3.1 GHz radars?	Confidential? – NA
Question 2: Do you have any comments relating to the proposed licence conditions?	Confidential? – N So Starlink has just introduced a £4.50 Standby Mode at 500KBPS (0.5 MBPS), a bit faster than the old dial up 56K, This is essential if you need to pay for a service package or activate a data service in an emergency or disaster when there is no terrestrial connection. This base active data is essential for receiving emergency family or friend/dependent communications in a disaster, e.g, you may not have your card details or any access to digital funds if you have no money. At this speed you can at least watch a first aid youtube video if emergency services are overwhelmed and set up a relief outpost. I would propose that the licence conditions go 1 step further than this and offer a base free unlimited throttled data allowance so that

	messages, calls and basic news and 1st aid/vehicle troubleshooting youtube information can be accessed in the event of a large and unforeseen calamity, especially for the destitute and or people with disabilities. As a person on a very low income with various mental and physical impairments I have experienced the distress of not having access to basic data and communications in a crisis. In effect, I have been the victim of organised signal jamming simply because I did not have access to stable digital cashflow due to my disabilities
Question 3: Do you have any comments on our drafting of the Proposed Regulations? Please give reasons supported by evidence for your views.	Confidential? – N Communications can fail at the best of times, due consideration should be considered for the provision of contingency data for vulnerable society members in line with the Equality Act 2010, and the Civil Contingencies Act as well as the govenments's "Prepare" Campaign.

Disaster and Emergency Power and Communications

DAEPAC

M7CRO

A Voluntary Disaster Relief Outpost
Prototype Project for RIBA/ARB Part 3:
As Recommended by the RIBA Part 3
Handbook by Stephen Brookhouse.

Best regards, Lewis Croftley

Master Craftsperson, Architect, Trader and Concept Designer (Retired with
Disabilities, Work/Volunteer Occasionally).

BA (Hons Architecture) RIBA/ARB Part 1, March RIBA/ARB Part 2, FCOip 1100V,
ARIS Part 3 Exam Candidate.

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Partial A Level Training in Business, Law, Art, English and French. 4 Year Traditional
Reading and Cheltenham Apprenticeships, Industrial Drawing and Cheltenham, EML.
Partial, The RIBA/ARB Awarding Apprenticeship & Trade College, Steel Corrugated
Plumber's Mate Apprenticeship by the District, CTH FAVO Level 3 Site Carpentry and
Joinery Carpenter Apprenticeship & Trade College, 3 Year Working Apprenticeship.
CTH FAVO Level 2 Brickwork with Light Scaffold Tower and Pulley (Brickwork).
Homeowner & Power College, 3 Year Working Apprenticeship, 10 Years.
Architecture (Hons) Part 1, Greenway University, MA Architecture (Hons) Part 2,
Part 2, Arts University Apprenticeship, Management, Practice and Law in Architecture.
PDR/CAP, Full Time on the Site Construction Site, Office and Factory Master
Craftsperson, Designer and Contractor, Full Comprehensive Professional Practice
Experience (Theatre, Circus, Amateur Foundation Radio Licence (Examination) Holder,
2 Construction Contracts, 10 Year Residential Award, Global Award for Basketball
Coaching with Students Going on to Play Top Level Basketball.

Architect, Training Complete, Not Registered With The Board, Working on
Retirement, Hobby/Residential Projects.



COMMUNICATIONS SOFTWARE, COMMUNICATE
IF UTILITIES SEVERED RADIOS PCS MOBILE
PHONES

Communicate in Communities if Utilities Severed.

The DAEPAC MK1 Prototype Outpost Research:
Disaster & Emergency Power & Communications
File is a software procurement thesis/dissertation
written by M7CRO. This publication focuses on the
development of a prototype system designed for
disaster and emergency situations, providing
power and communication solutions in challenging
environments. The research aims to provide
insights into the design and functionality of the
DAEPAC MK1 prototype outpost, offering a
valuable contribution to the field of emergency
response and communication technology.

A prototype depends on the resources and assets available in any given situation. While any build will require professional and qualified guidance and input, the file available here shows how to use household items, software and equipment to achieve a fully operational civilian communications system in the event of a disaster or economic collapse or similar overwhelming crisis.

The file has free open source commonly used software packages to help you receive, manage and communicate with most common equipment. As well as common software used by amateur radio operators. All of the software can be used without a licence, offering solutions to communities if all utilities become severed.

Also included is a GLD amateur 3D scan of the project that can be used in Unreal Engine, for example when assessing response simulations.

Use your phones as walkie talkies if no signal.

Get online in the most dire circumstances.

Send text messages with old walkie talkies.

Set up a civilian communications base station with offline global maps.

Learn about ham radio software.

Plus many more systems to manage communications independently from infrastructure.

Download Links:

https://www.mediafire.com/file/lc0bfcqm9dca9y4/M7CRO_Research_Project_DAEpac_Mark_1_-_Disaster_and_Emergency_Power_and_Communications_-_Disaster_Relief_Emergency_Comms_Software_Package_Test_Sept_2023_Update_2025_%25282%2529.7z/file

https://www.mediafire.com/file/ph1oiary5rkemo6/daepac_model_%25281%2529.zip/file

Question 4: Do you have any comments relating to any other matter in this Notice of Proposed Regulations?	Confidential? – N This move ("Enabling satellite direct to device services in mobile spectrum bands") has the potential to put an emergency comms base station into the hands of anyone with a phone. But not everyone will have access unless (and there would be huge problems in an emergency or disaster) there is a free basic standby mode service similar to Starlink's new model. There is a further option to unleash the 900mhz transceiver in all phones with a walkie talkie app using the 900mhz band. This would put a fully off grid walkie talkie network into the hands of everyone in a disaster zone (where all data connections have been severed) with a much longer range than the bluetooth walkie talkie app range. With a tweak such as this people within a few mile radius would still be able to call each other and anyone connecting to a satellite could relay low bandwidth data connectivity to nearby devices. Similar to Amazon's Sidewalk mesh system.

Please complete this form in full and return to mobilefromskyandspace@ofcom.org.uk.