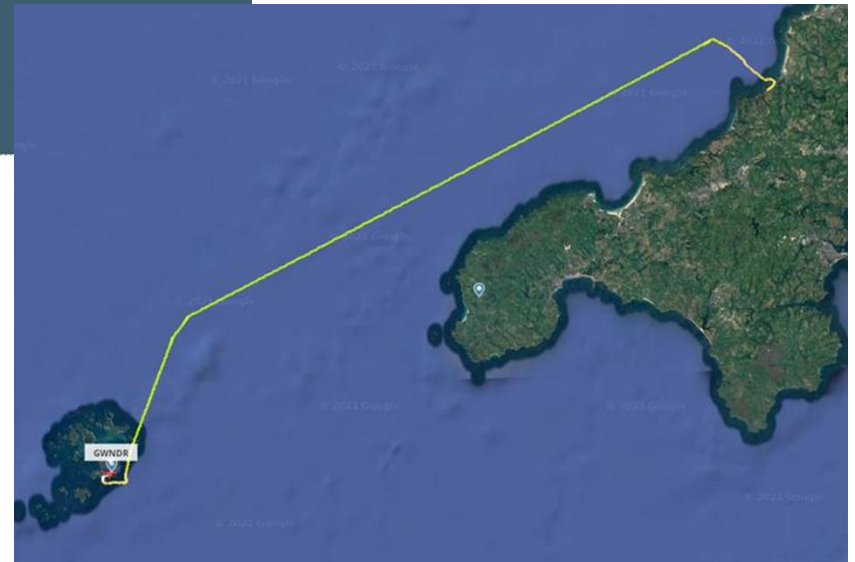
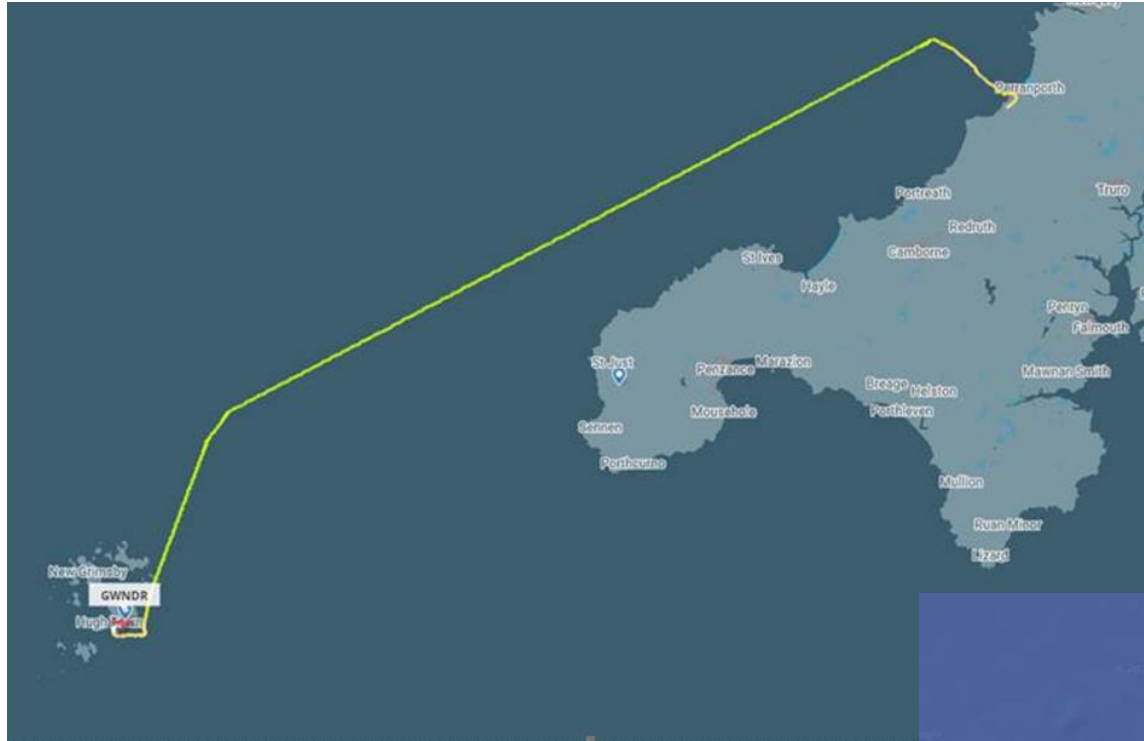


Recreational Airspace Users on-line Workshop:

Managing drones in shared airspace



Scilly Isles



Pilot

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Consultation and obfuscation

I hope Pilot brings you at least a small measure of vicarious flying pleasure in these rather grim times. As we go to press with this edition, the rather splendid Pfizer and Astra-Zeneca/Oxford vaccines are being delivered in impressive quantities – if not without the odd bottleneck in distribution – and, for once, a commendable government strategy is



“chopping out great chunks of Class G exclusively for drones is unacceptable and has to be resisted”.

FLYER
THE UK'S MOST READ GA MAGAZINE flyer.co.uk

March of the Drones

GENERAL AVIATION RISKS BEING EXCLUDED FROM MORE AIRSPACE. LET'S INTEGRATE, NOT SEGREGATE!



~ 100 Attendees

>30 GA pilots

4 Glider pilots

8 Microlight pilots

HEMS operator

CFI Lasham

Neuron; Networked EC

Transport Catapult

LAA CEO

BHA CEO

Editors of Pilot, Flyer, GASCo Flight Safety

Transponder experts (uAvionix, PilotAware)

NATS

AOPA

BMAA

GAA

BMFA

MCA

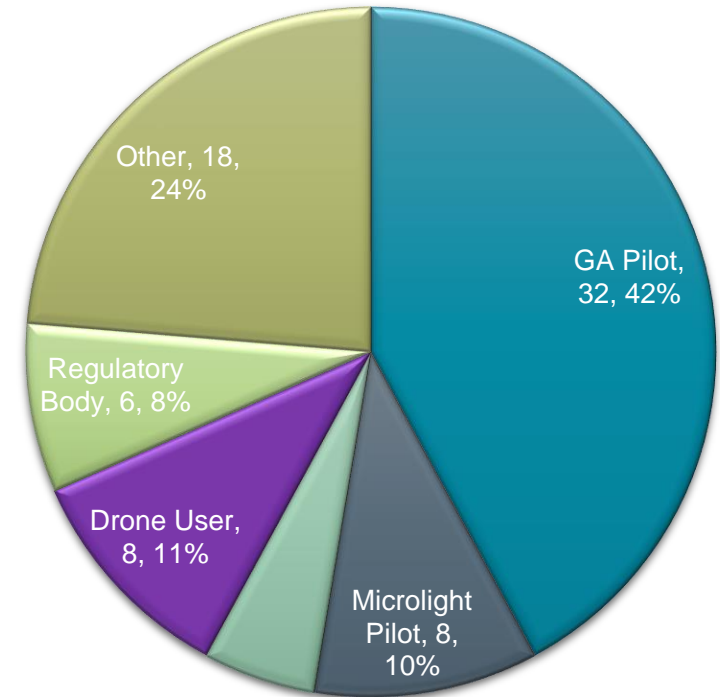
ARPAS

CAA

SATE operations Orkney

Air Traffic Controller

8 Drone users



Typical response

“Hello Matt,

Thank you for the invitation to attend your recent workshop. I found it an interesting session and I fully support your objective of finding an integrated solution to use of airspace by UAS and GA aircraft. The existing solution of segregation using TDA/DAs makes inefficient use of airspace and **is frankly unworkable at scale.**

I look forward to receiving further outputs from the workshop and **I would like to participate in future research if that is possible,**

With Best Wishes,

”

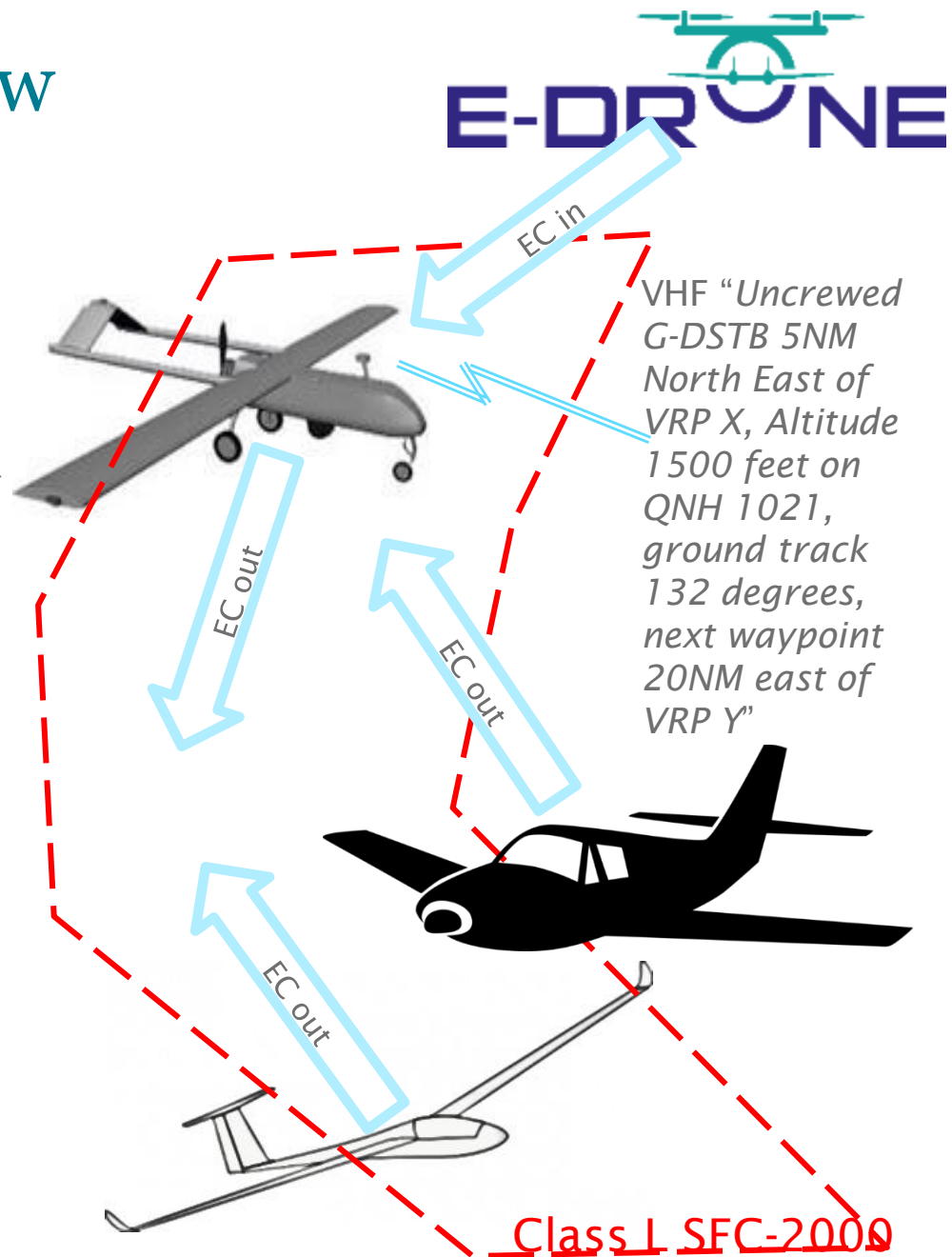
Key finding

Table 3. I am supportive of the class Lima airspace management concept

		Frequency	Percent
Valid	strongly agree	6	13.3
	agree	12	26.7
	neutral	15	33.3
	disagree	8	17.8
	strongly disagree	4	8.9
	Total	45	100.0

“Class Lima” Overview

- Web published flight plans / live platform status
- UAV onboard automatic collision avoidance
- UAV ADS-B out
- Dynamic flight plan airprox minimisation
- Automatic VHF position reports on published frequency
- UAV Multi-spherical compliance....



Status

New CAA regime

Focus on low risk areas

Mostly class “G”

UTM stepping stone

“Class Lima” Overview

- Web published flight plans / live platform status
- Full EC coverage and promulgation/ rebroadcast for the zone (Neuron)
- UAV onboard automatic collision avoidance
- UAV ADS-B out
- Dynamic flight plan airprox minimisation
- Automatic VHF position reports on published frequency
- UAV Multi-spherical compliance....

