

TEKEVER



TEKEVER

Mission Report: *058 OP DEVERAN*

Date 24/11/2021



AUDIENCE

INTERNAL – TEKEVER AS ONLY	
RESTRICTED – COMMERCIAL IN CONFIDENCE	✓
PUBLIC – ALL AUDIENCES	

REVISION HISTORY

Version	Date	Comment
0.1	23/05/2021	Revised.

DISTRIBUTION

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Mission Report: 058

LOCATION	FLIGHT/ MISSION No	DATE
Swingate	058	24/11/2021

UAS MODEL, Mk	AR3 Mk.8.5
TAIL Number	#334
CALLSIGN	AR3A
PAYLOAD CONFIG.	STANDARD
Fuel Load (L)	4L
Take-off Weight (Kg)	20.56Kg

MISSION COMMANDER	NAME	JOAO TORRES
	TELEPHONE	Personal Data 073 Personal Data 400 Ext 2516
	E-mail	Personal Data@tekever.com
FLIGHT TEAM	INTERNAL PILOTS & PAYLOAD OPERATORS	Name
	SAFETY PILOT	Name
	MAINTENANCE TECH	Name

TIMINGS				
PLANNED TAKE-OFF TIME (Local)	RECORDED TAKE-OFF TIME (Local)	PLANNED LANDING TIME (Local)	RECORDED LANDING TIME (Local)	FLIGHT TIME (HH:MM)
05:30	07:10	13:30	14:00	06:50

METEOROLOGICAL CONDITIONS	
WIND(DIRECTION/ SPEED)	330° 04G06kt
WAVE HEIGHT	0.7m
VISIBILITY (M)	9999
CLOUDS	OVK
OTHER	NTR

INITIAL AGENCY REPORTING SIGHTING OF VESSEL	
FLIGHT TEAM	6
LO/MCA	1
TOTAL VESSELS OBSERVED	7
REMARKS	Nil

Pre-Flight and Take-Off		
Serial	Time (L)	Event Narrative
01	05:00	Flight team crewed in to Dover GCS to begin the MET assessment and Daily Brief.
02	06:00	AR3 TO was delayed due to rain over the channel.
03	07:10	AR3 TO at Swingate.

Pre-Flight and Take-Off		
Serial	Time (L)	Event Narrative
04	08:03	Rihb was detected track Quebec was seen with 25 POB's.
05	08:14	AR3 requested to search close to the fishing vessel Sylvia Bowers positioned at 50 45N 01 13E.
06	08:43	On the way to the position of Sylvia Bowers,a Rihb Track Victor with approximately 40 POBs was detected, and the LO was informed, we were told to keep moving towards the vessel Sylvia Bowers.
07	08:50	Reached the vicinity of the vessel Sylvia Bowers and conducted a search.
08	09:09	RIHB found, track Zulu with more than 20 POB all wearing life jackets, the rhib was taking on water with the bow not completely inflated and several migrants bailing water.
09	09:39	Requested to move to 50 47.0N 001 03.0 E Track DELTA and search for two potential Rhibs in the vicinity. Nothing to report.
10	10:44	Requested to search in the vicinity of the British vessel the Louise Jane.
11	10:46	Green Rhib sighted next to the Louise Jane. 20 POB, Green Rhib with black detailing. Not all personnel wearing life jackets.

Pre-Flight and Take-Off		
Serial	Time (L)	Event Narrative
12	11:38	AR3 moved to Echo 4 due to CG175 entering the airspace.
13	11:50	AR3 observed 1x black Rhib with 25 POB at 51 05.7668 N 001 40.5213 E under power.
14	12:55	AR3 observed 1 X grey RHIB. CPV Hunter intercepting. Driver on Port side at rear of RHIB.
15	13:05	Advised of people in water near a RHIB in French waters. Approached the area while contacting the ARCC, but needed to leave the area as the Rescue helicopter was inbound on the area.
16	13:30	AR3 RTB on the route back in from E4 to C migrant Rhib spotted and reported to the LO, no further information was gathered due to the RHIB's distance from the aircraft. Unknown POB, Rhib under power.
17	14:00	Landing at Swingate.

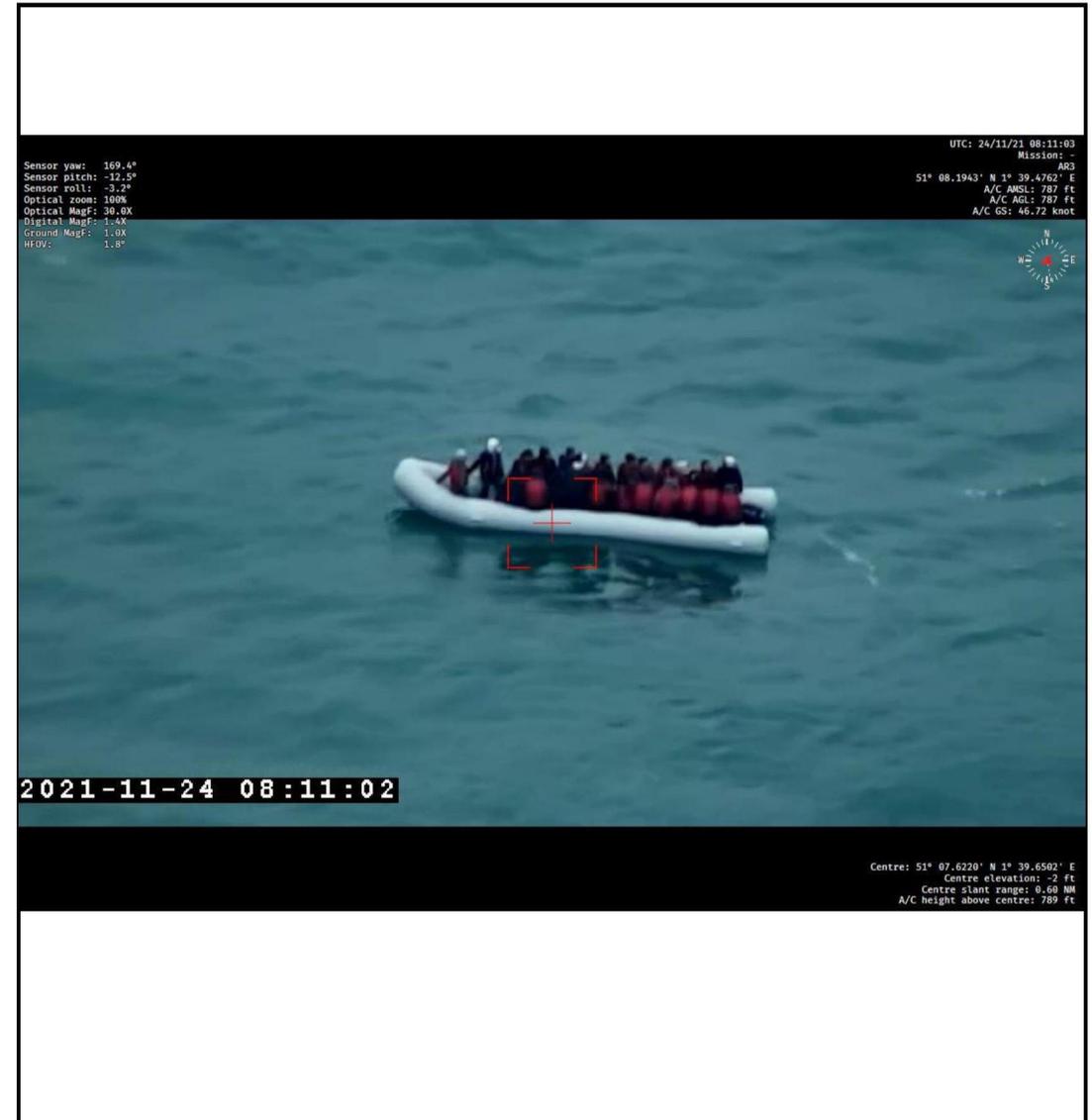
EVENT LOCATIONS

Key:

-  = Known Vessel of Interest
-  = Suspicious activity
-  = No AIS
-  = SAR/SOLAS
-  = Fishing Vessel
-  = Migrant Vessel
-  = Migrant Beach Landing



Event Details		
Serial	Time(L)	Narrative
REF (04)	08:03	<p>1. Vessel latitude and longitude: 51 07 6200 N 1 39 65 E</p> <p>2. Vessel course and speed: Variable heading between 270 - 330 degrees, 4kt</p> <p>3. Description of vessel size, markings:</p> <ul style="list-style-type: none"> Name: Track Quebec Type: Medium RhiB Size: 7-8m Colour: Grey POB: 20-25 POB <p>4. Remarks:</p> <p>Observed track Quebec travelling in a variable direction heading towards the UK coastline. Approximately 25 POB's wearing lifejackets CPV Hunter arrived 1.5nm away, we were retasked before we had chance to observe if CPV Hunter collected.</p>



Event Details		
Serial	Time(L)	Narrative
REF (06)	09:03	<p>1. Vessel latitude and longitude: 50 52 79 N 1 15 34 E</p> <p>2. Vessel course and speed: Variable heading 320 degrees, 4kt</p> <p>3. Description of vessel size, markings:</p> <ul style="list-style-type: none"> Name: Track Victor Type: Medium RhiB Size: 7-8m Colour: Black POB: 25-30 POB <p>4. Remarks:</p> <p>Observed track Victor travelling in a variable direction heading towards the UK coastline. Approximately 25-30 POB's wearing lifejackets CPV Hunter arrived at the site, and then CPV Hunter departed the area.</p>



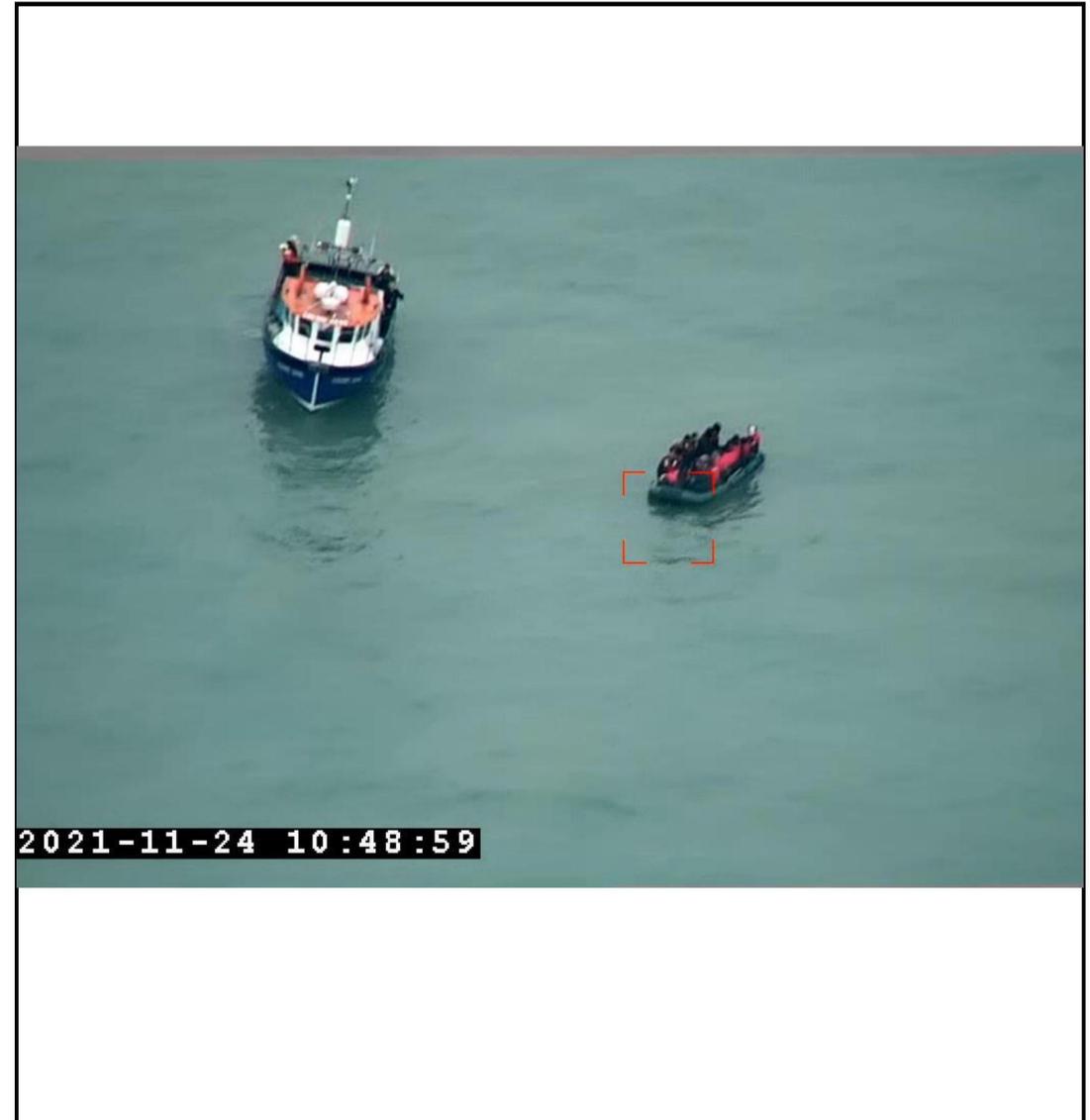
Event Details		
Serial	Time(L)	Narrative
REF (08)	09:09	<p>1. Vessel latitude and longitude: 50 44.95 N 1.14.89 E</p> <p>2. Vessel course and speed: Variable heading between 280-340 degrees, 4kt</p> <p>3. Description of vessel size, markings:</p> <ul style="list-style-type: none"> Name: Track Zulu Type: Medium RhiB Size: 7-8m Colour: Green POB: 20-25 POB <p>4. Remarks:</p> <p>RIHB found, track Zulu with more than 20 POB all wearing life jackets, the rhib was taking on water with the bow not completely inflated and several migrants bailing water.</p>



Imagery Track

<p>Sensor yaw: 149.3° Sensor pitch: -40.7° Sensor roll: 2.4° Optical zoom: 84X Optical MagF: 25.5X Digital MagF: 1.2X Ground MagF: 0.9X HFOV: 2.4°</p>	<p>UTC: 24/11/21 09:46:27 Mission: - AR3 50° 46.8614' N 1° 12.8430' E A/C AMSL: 879 ft A/C AGL: 879 ft A/C GS: 44.81 knot</p>	<p>Sensor yaw: 123.3° Sensor pitch: -12.9° Sensor roll: 3.5° Optical zoom: 72X Optical MagF: 21.8X Digital MagF: 1.1X Ground MagF: 0.9X HFOV: 2.9°</p>	<p>UTC: 24/11/21 09:22:53 Mission: - AR3 50° 45.9670' N 1° 13.7953' E A/C AMSL: 879 ft A/C AGL: 879 ft A/C GS: 44.19 knot</p>
			
<p>2021-11-24 09:46:25</p>	<p>2021-11-24 09:22:52</p>	<p>Centre: 50° 46.7169' N 1° 12.9785' E Centre elevation: 0 ft Centre slant range: 0.22 NM A/C height above centre: 879 ft</p>	<p>Centre: 50° 45.6182' N 1° 14.6252' E Centre elevation: -2 ft Centre slant range: 0.65 NM A/C height above centre: 881 ft</p>

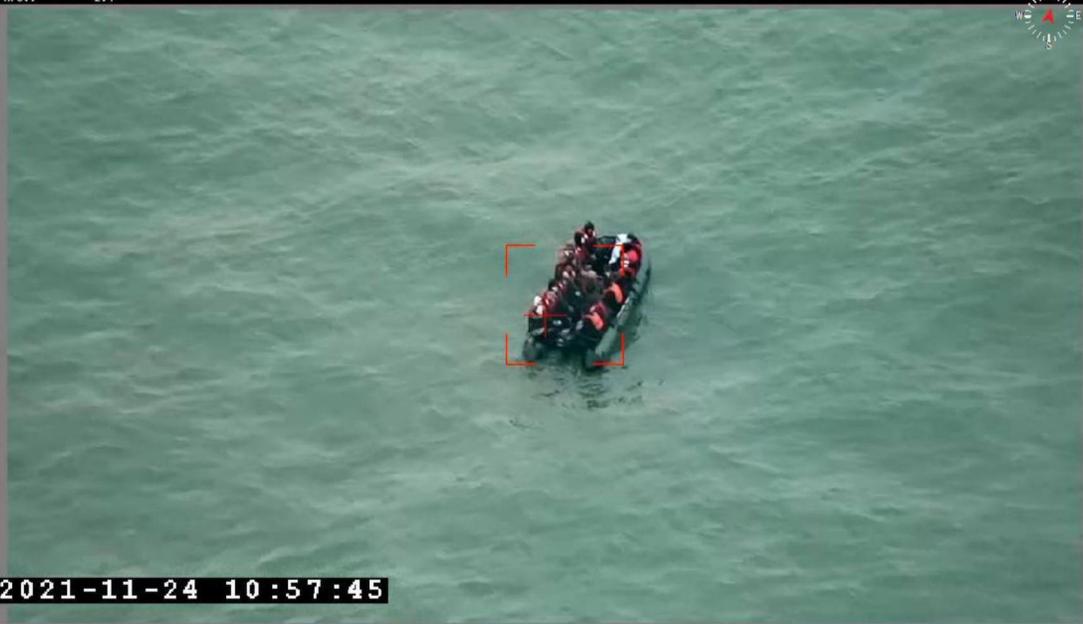
Event Details		
Serial	Time(L)	Narrative
REF (11)	10:46	<p>1. Vessel latitude and longitude: 50 .58 39 N 01 22 29 E</p> <p>2. Vessel course and speed: Variable heading around 300 degrees, 6kt</p> <p>3. Description of vessel size, markings:</p> <ul style="list-style-type: none"> • Name: Track Unknown • Type: Medium RhiB • Size: 7-8m • Colour: Green • POB: 20-25 POB <p>4. Remarks:</p> <p>Requested to search in the vicinity of the British vessel the Louise Jane. Green Rhib sighted next to the Louise Jane. 20 POB, Green Rhib with black detailing. Not all personnel wearing life jackets.</p>



Imagery Track

UTC: 24/11/21 10:57:46
Mission: -
AR3
50° 58.2409' N 1° 22.5278' E
A/C AMSL: 886 ft
A/C AGL: 886 ft
A/C GS: 43.74 knot

Sensor yaw: -91.7°
Sensor pitch: -21.4°
Sensor roll: -0.8°
Optical zoom: 100X
Optical MagF: 30.0X
Digital MagF: 1.0X
Ground MagF: 0.9X
HFOV: 2.4°



2021-11-24 10:57:45

Centre: 50° 58.2301' N 1° 21.9374' E
Centre elevation: -1 ft
Centre slant range: 0.40 NM
A/C height above centre: 887 ft

UTC: 24/11/21 11:15:45
Mission: -
AR3
50° 58.2291' N 1° 21.7018' E
A/C AMSL: 886 ft
A/C AGL: 886 ft
A/C GS: 47.70 knot

Sensor yaw: -177.7°
Sensor pitch: -20.6°
Sensor roll: 0.8°
Optical zoom: 74X
Optical MagF: 22.5X
Digital MagF: 1.5X
Ground MagF: 0.9X
HFOV: 2.1°

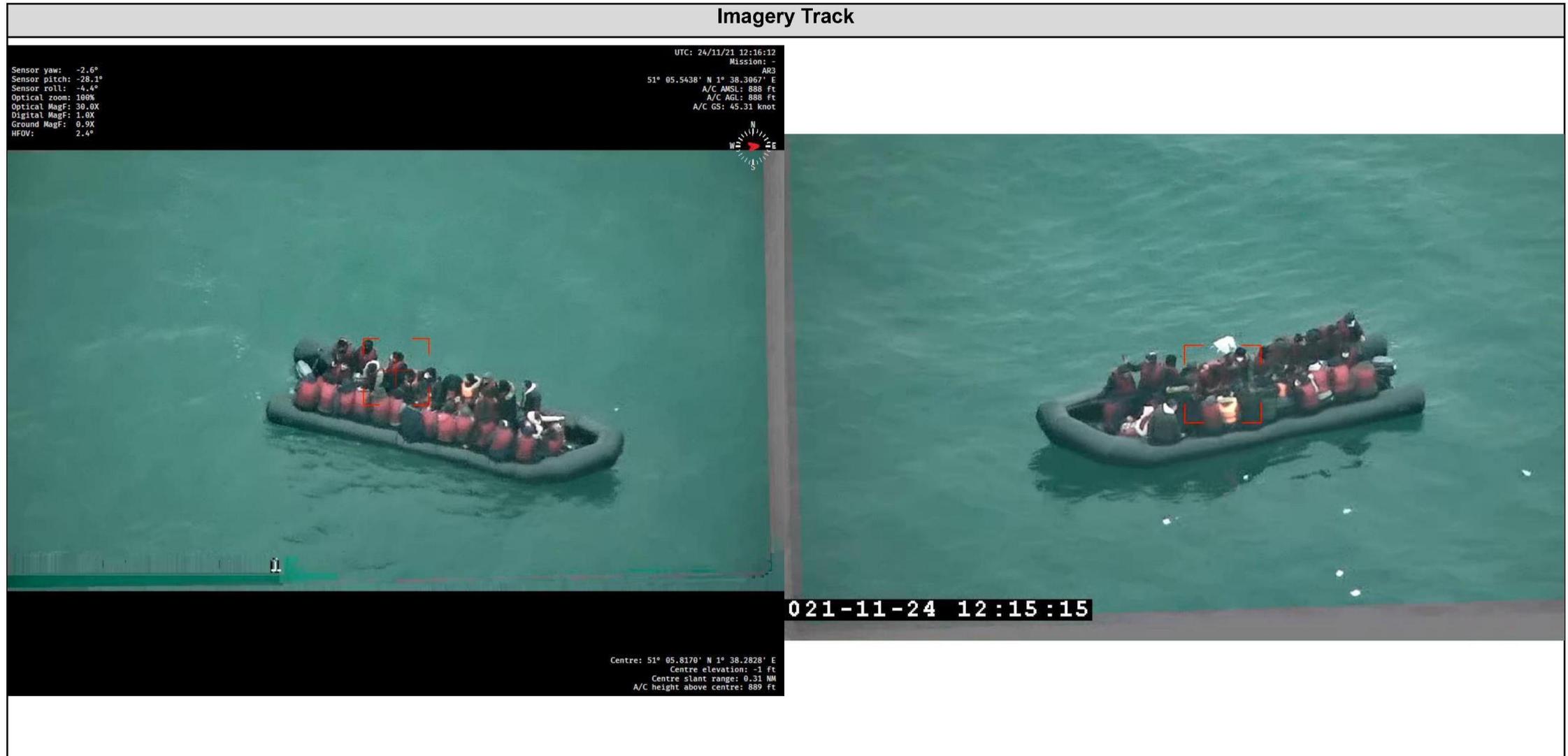


2021-11-24 11:15:44

Centre: 50° 57.8395' N 1° 21.6807' E
Centre elevation: -2 ft
Centre slant range: 0.42 NM
A/C height above centre: 888 ft

Event Details		
Serial	Time(L)	Narrative
REF (13)	11:50	<p>1. Vessel latitude and longitude: 51 05.7668 N 001 40.5213 E</p> <p>2. Vessel course and speed: Variable heading 320 degrees, 5kt</p> <p>3. Description of vessel size, markings:</p> <ul style="list-style-type: none"> Name: Unknown Type: Medium RhiB Size: 5-6m Colour: Black POB: 20-25 POB <p>4. Remarks: AR3 observed 1x black Rhib with estimated 25 POB at 51 05.7668 N 001 40.5213 E under power. Track name unknown.</p>

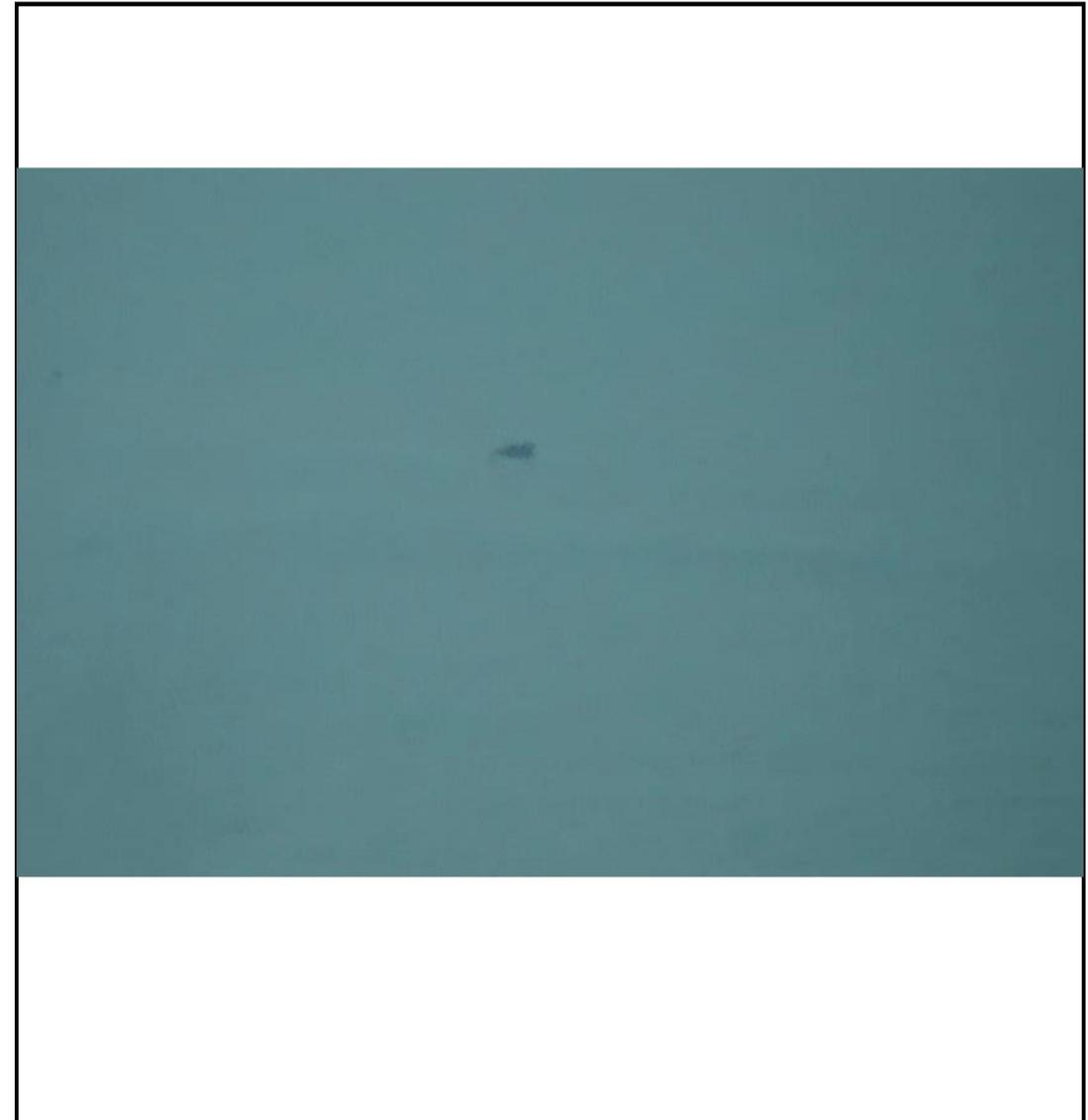




Event Details		
Serial	Time(L)	Narrative
REF (14)	12:55	<p>1. Vessel latitude and longitude: 51 06.1132 N 001 37 2940 E</p> <p>2. Vessel course and speed: Variable heading between 320°, 6kt</p> <p>3. Description of vessel size, markings:</p> <ul style="list-style-type: none"> • Name: Track Unknown • Type: Small RhiB • Size: 4m • Colour: Grey • POB: 15 <p>4. Remarks: A Rihb was spotted by our team moving towards the UK coast, on a course of approximately 300° at 5kts. No passengers were wearing life jackets.</p>



Event Details		
Serial	Time(L)	Narrative
REF (15)	13:05	<ol style="list-style-type: none"> 1. Vessel latitude and longitude: 2. Vessel course and speed: Variable heading between degrees, 3. Description of vessel size, markings: <ul style="list-style-type: none"> • Name: Track • Type: Medium RhiB • Size: Unknow • Colour: Unknow • POB: Unknow 4. Remarks: AR3 was informed of a Rihb with POB's reported to be in the water, within French territorial waters. The AR3 approached as close as possible to the median line but it was too far away to be able to recognise any detail.





Remarks	
01	For any further information contact the UAS Liaison Officer. Personal Data @tekever.com