

Piano Nazionale di Ripresa e Resilienza (PNRR) – Piani Urbani Integrati - M5C2 – Intervento 2.2b



COMUNE DI PALERMO

**AREA DEL PATRIMONIO, DELLE POLITICHE AMBIENTALI
E TRANSIZIONE ECOLOGICA**
SETTORE POLITICHE AMBIENTALI E TRANSIZIONE ECOLOGICA
SERVIZIO PROGETTAZIONE MARE, COSTE, PARCHI E RISERVE



**Riqualificazione del Porto Bandita e delle
aree portuali**

CUP D79J22000650006

PROGETTO DI FATTIBILITA' TECNICO ECONOMICA

**STUDIO AMBIENTALE VOLTO ALLA VERIFICA DI ASSOGGETTABILITÀ A VIA IN RISCONTRO
ALLA RICHIESTA DI INTEGRAZIONI DELLA COMMISSIONE TECNICA DI VERIFICA
DELL'IMPATTO AMBIENTALE VIA-VAS MASE (ID_VIP9585)**

All.1.4 - Foto estratte dai video R.O.V.

Palermo: 03.08.2023

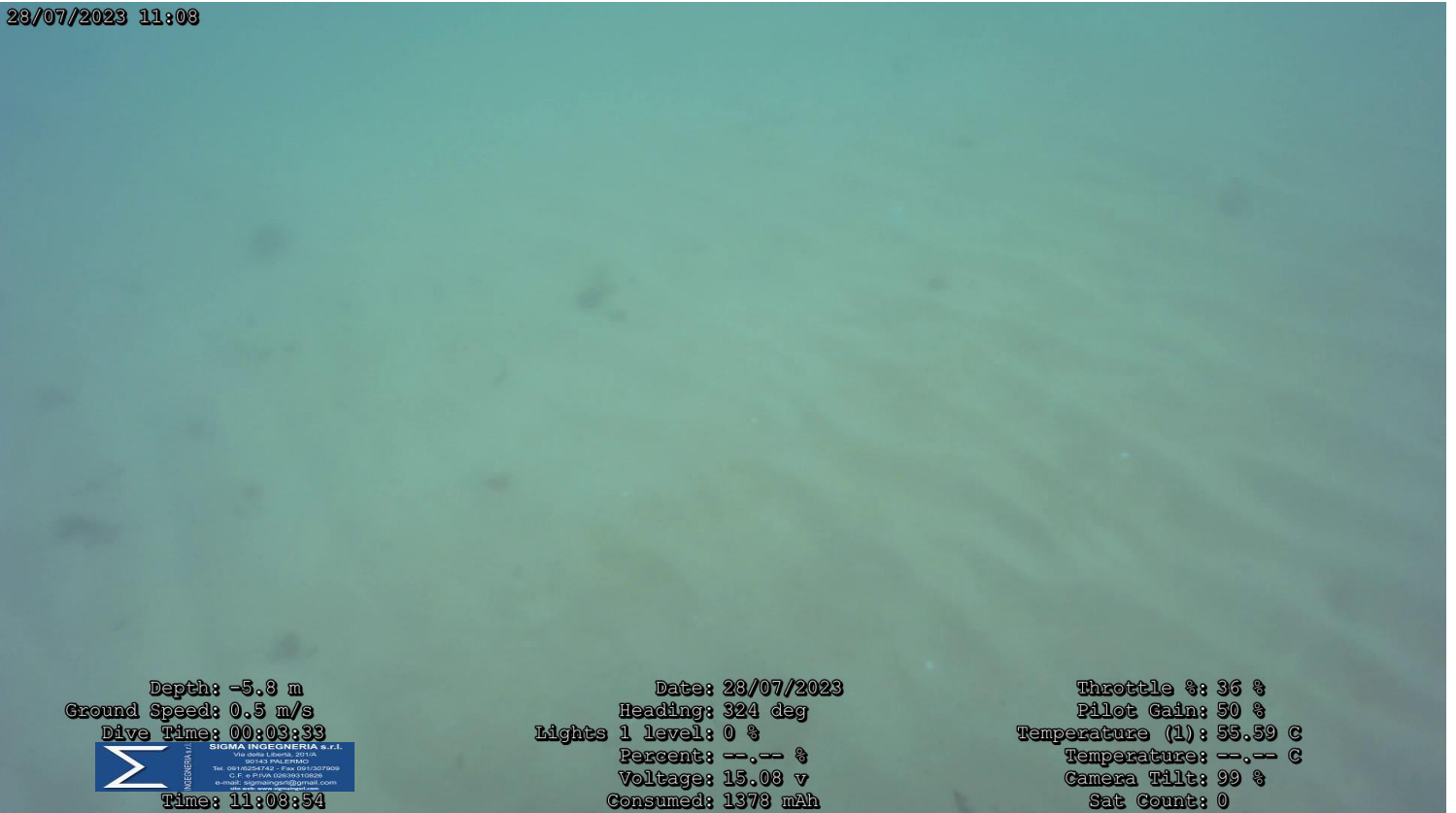
Il RUP:
Arch. Giovanni Sarta

Redatto da:



Punto 1

28/07/2023 11:03



Depth: -5.8 m
Ground Speed: 0.5 m/s
Dive Time: 00:03:33
Time: 11:08:54

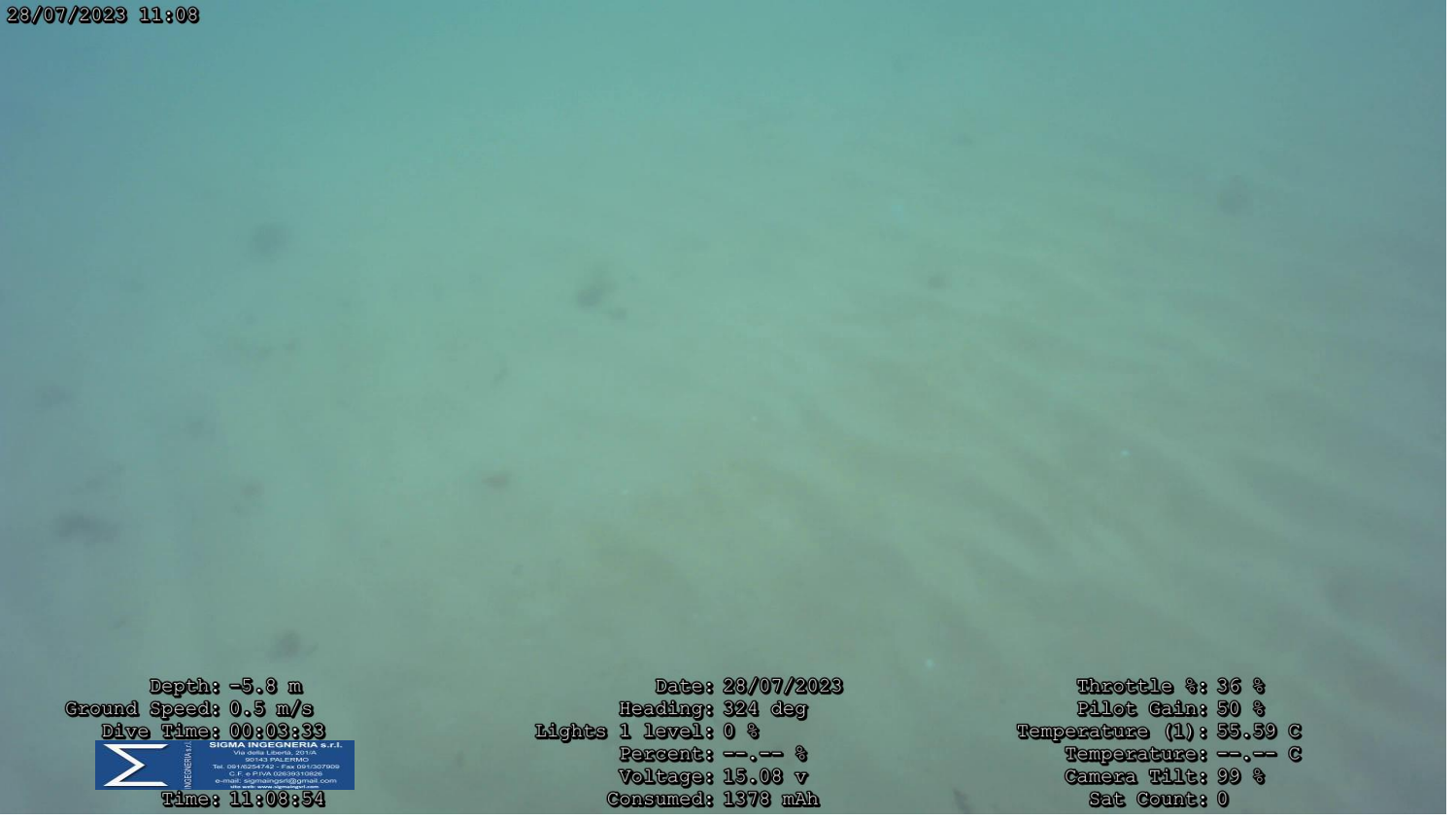


Date: 28/07/2023
Heading: 324 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 15.08 v
Consumed: 1378 mAh

Throttle %: 36 %
Pilot Gain: 50 %
Temperature (1): 55.59 C
Temperature: --,-- C
Camera Tilt: 99 %
Sat Count: 0

1.1

28/07/2023 11:03



Depth: -5.8 m
Ground Speed: 0.5 m/s
Dive Time: 00:03:33
Time: 11:08:54



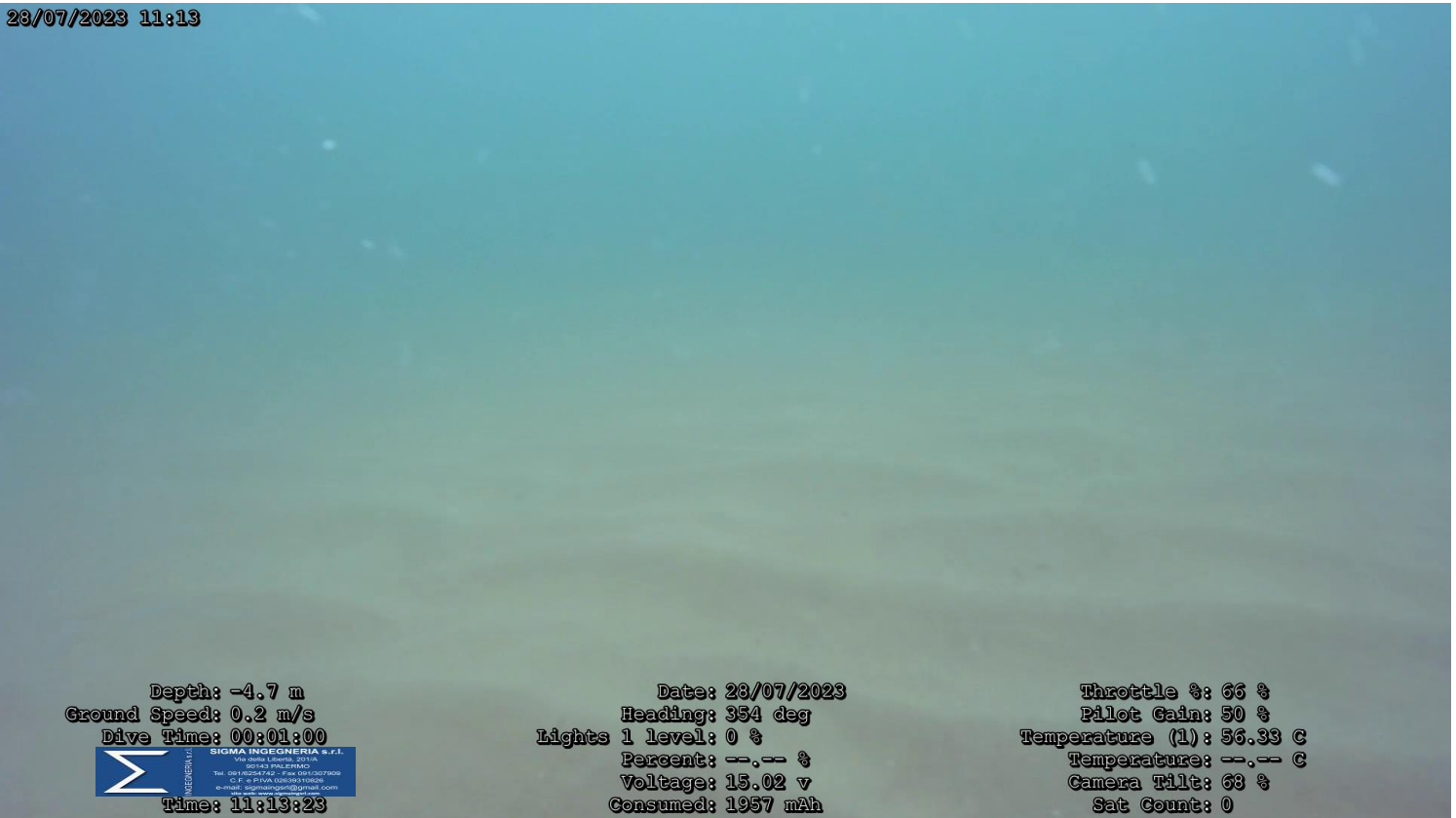
Date: 28/07/2023
Heading: 324 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 15.08 v
Consumed: 1378 mAh

Throttle %: 36 %
Pilot Gain: 50 %
Temperature (1): 55.59 C
Temperature: --,-- C
Camera Tilt: 99 %
Sat Count: 0

1.2

Punto 2

28/07/2023 11:13



2.1

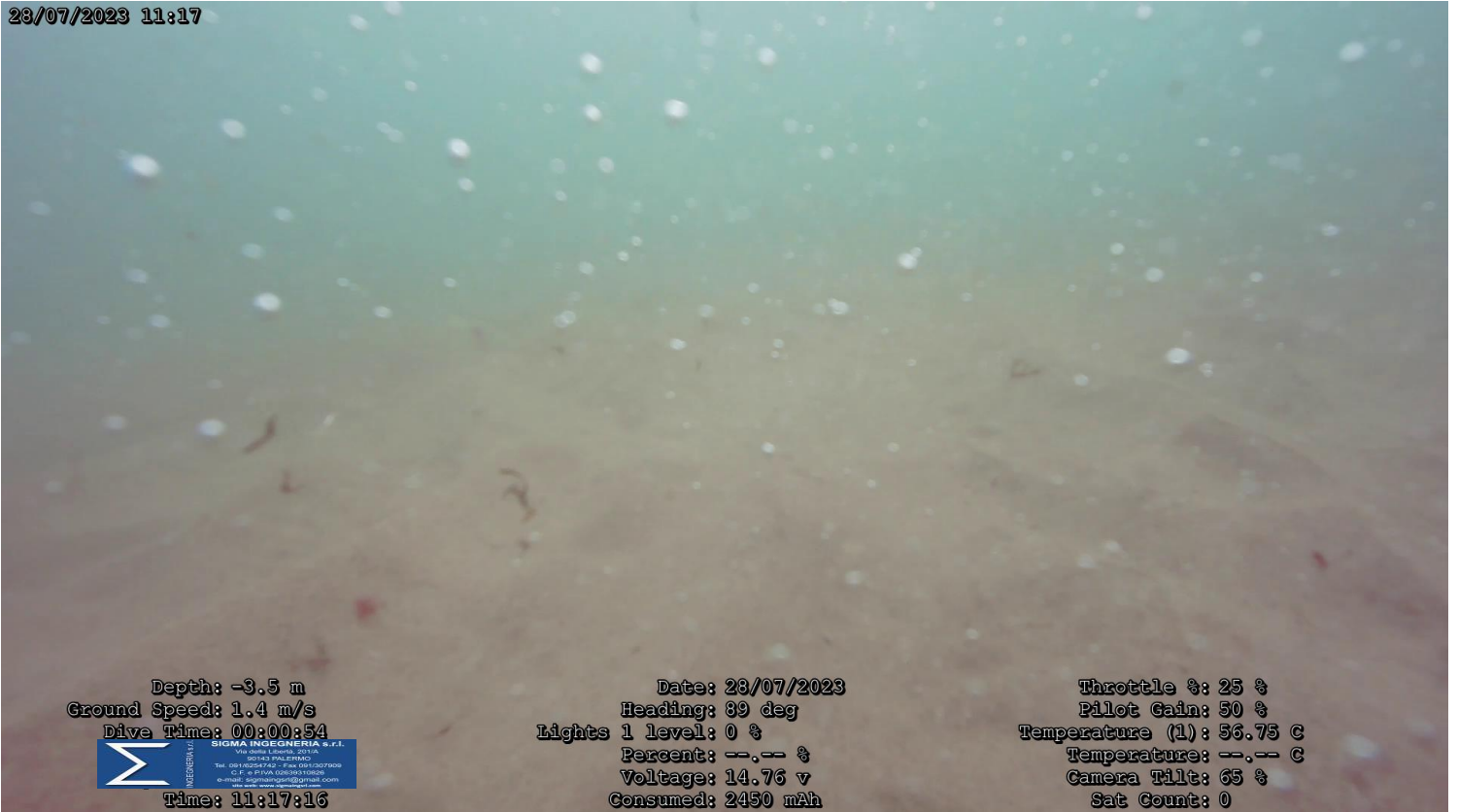
28/07/2023 11:13



2.2

Punto 3

28/07/2023 11:17



Depth: -3.5 m
Ground Speed: 1.4 m/s
Dive Time: 00:00:54
Time: 11:17:16



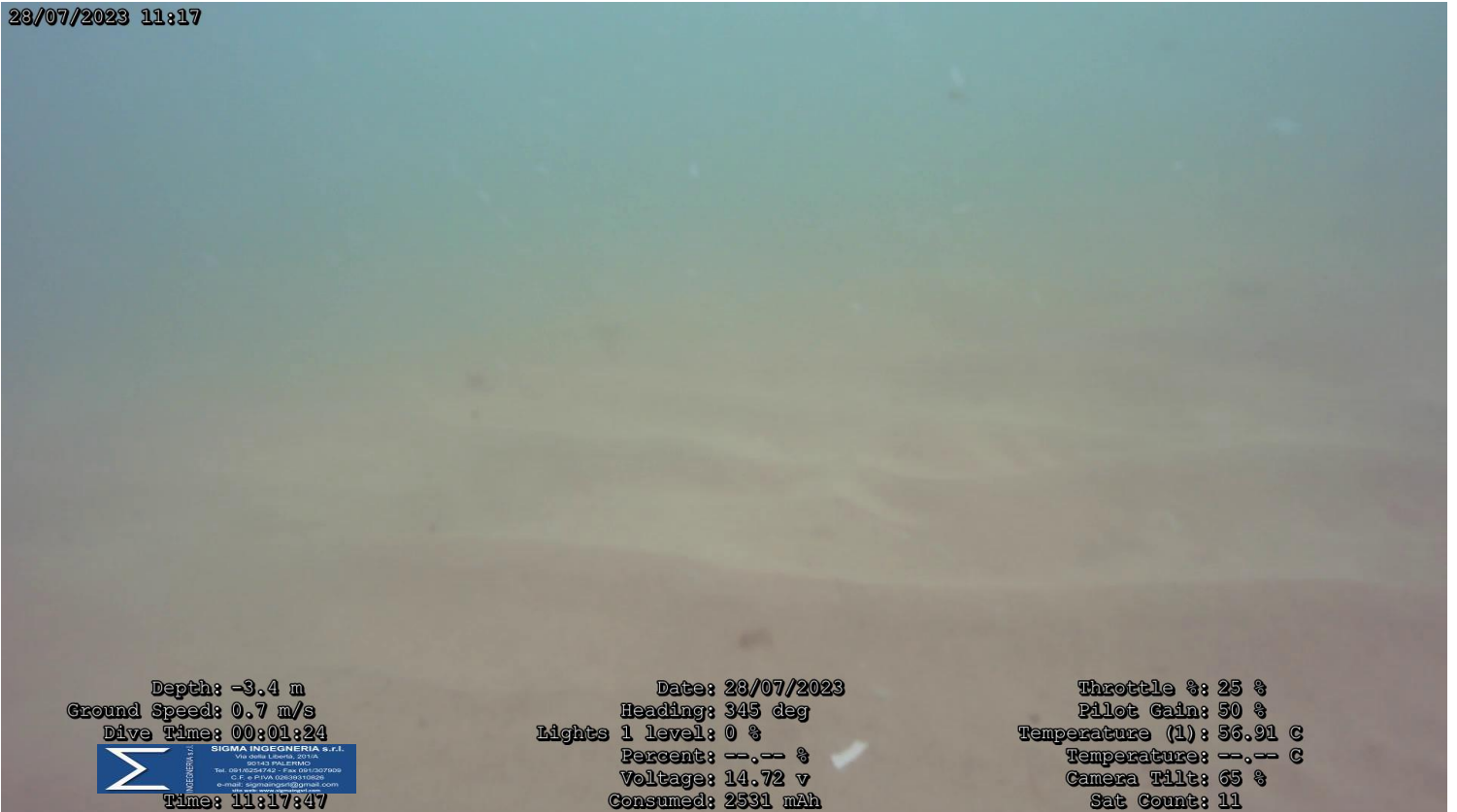
SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50143 PALERMO
Tel. 091 8254762 - Fax 091 307900
C.F. e P.IVA 03090130909
e-mail: sigmaingegneria@gmail.com
www.sigmaingegneria.com

Date: 28/07/2023
Heading: 89 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 14.76 v
Consumed: 2450 mAh

Throttle %: 25 %
Pilot Gain: 50 %
Temperature (1): 56.75 C
Temperature: --,-- C
Camera Tilt: 65 %
Sat Count: 0

3.1

28/07/2023 11:17



Depth: -3.4 m
Ground Speed: 0.7 m/s
Dive Time: 00:01:24
Time: 11:17:47



SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50143 PALERMO
Tel. 091 8254762 - Fax 091 307900
C.F. e P.IVA 03090130909
e-mail: sigmaingegneria@gmail.com
www.sigmaingegneria.com

Date: 28/07/2023
Heading: 345 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 14.72 v
Consumed: 2531 mAh

Throttle %: 25 %
Pilot Gain: 50 %
Temperature (1): 56.91 C
Temperature: --,-- C
Camera Tilt: 65 %
Sat Count: 11

3.2

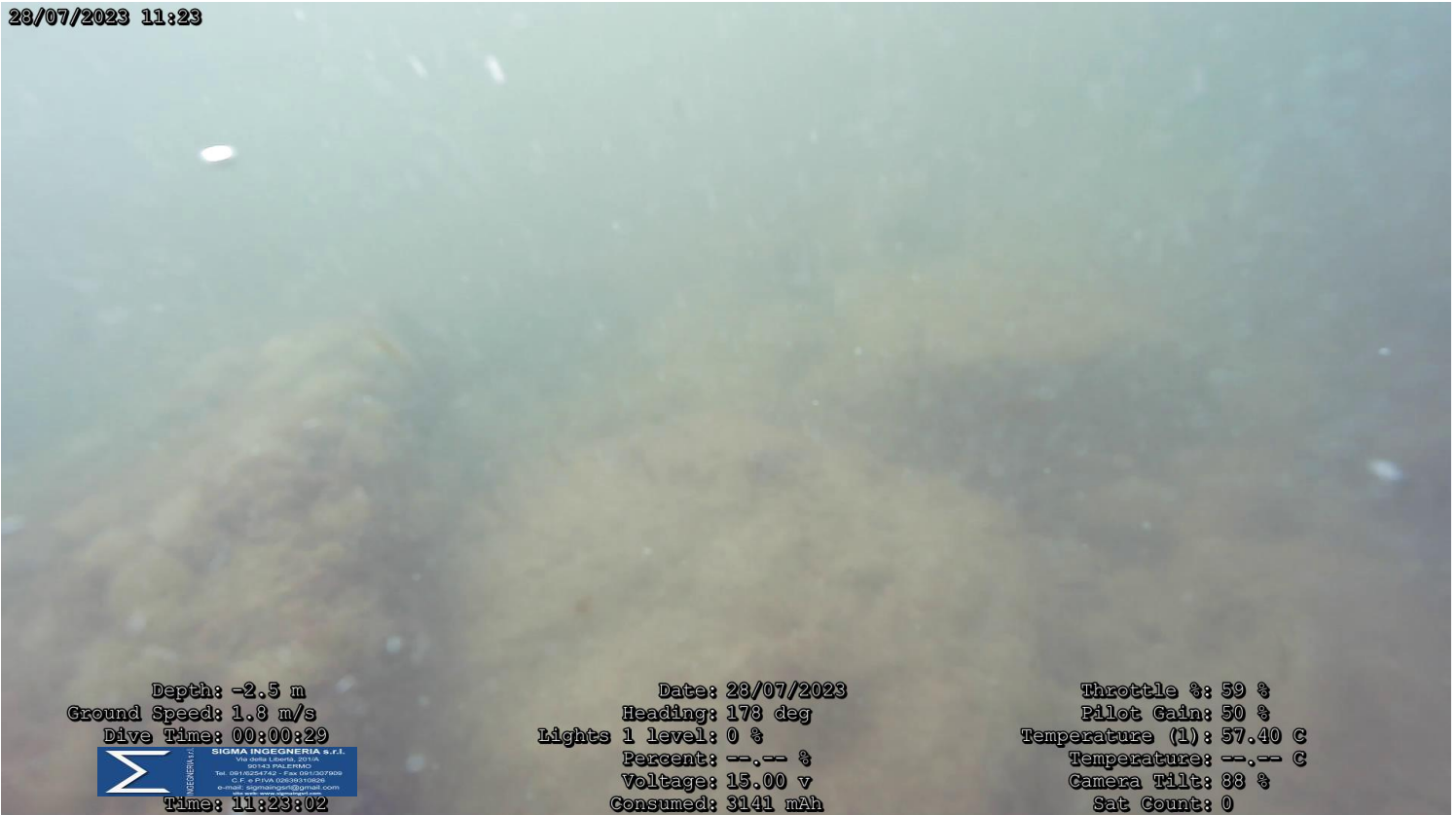
Punto 4

28/07/2023 11:22



4.1

28/07/2023 11:23



4.2

Punto 5

28/07/2023 11:27

Depth: -5.1 m
Ground Speed: 0.5 m/s
Dive Time: 00:00:50
Time: 11:27:19



Date: 28/07/2023
Heading: 342 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 15.01 v
Consumed: 3640 mAh

Throttle %: 43 %
Pilot Gain: 50 %
Temperature (1): 57.85 C
Temperature: --,-- C
Camera Tilt: 78 %
Sat Count: 0

5.1

28/07/2023 11:27

Depth: -5.1 m
Ground Speed: 2.2 m/s
Dive Time: 00:00:35
Time: 11:27:04



Date: 28/07/2023
Heading: 255 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 14.98 v
Consumed: 3610 mAh

Throttle %: 42 %
Pilot Gain: 50 %
Temperature (1): 57.75 C
Temperature: --,-- C
Camera Tilt: 90 %
Sat Count: 0

5.2

Punto 6

28/07/2023 11:32



Depth: -6.6 m
Ground Speed: 2.1 m/s
Dive Time: 00:02:02
Time: 11:32:55

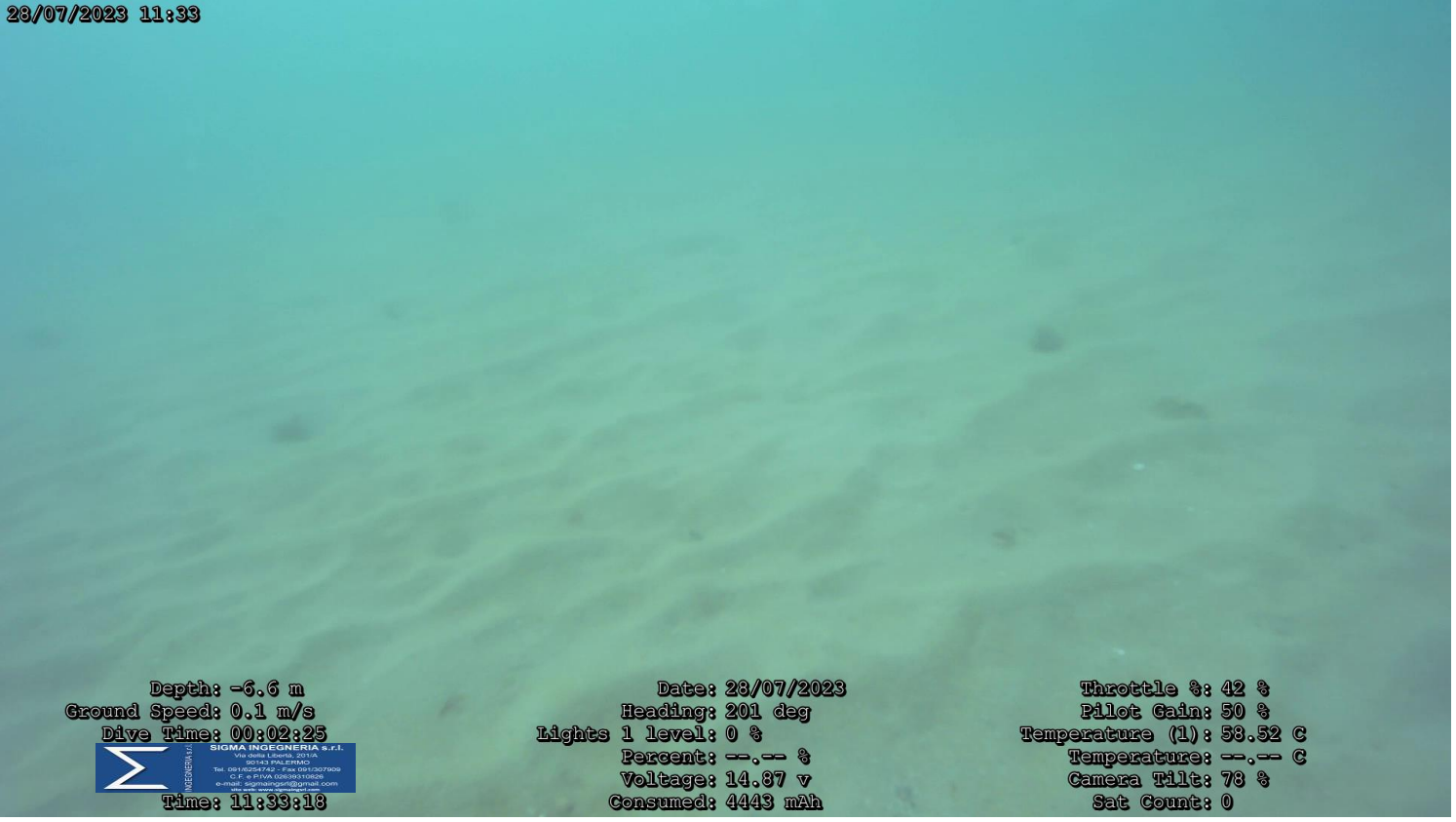


Date: 28/07/2023
Heading: 196 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 14.85 v
Consumed: 4401 mAh

Throttle %: 61 %
Pilot Gain: 50 %
Temperature (1): 58.48 C
Temperature: --,-- C
Camera Tilt: 78 %
Sat Count: 0

6.1

28/07/2023 11:33



Depth: -6.6 m
Ground Speed: 0.1 m/s
Dive Time: 00:02:25
Time: 11:33:18



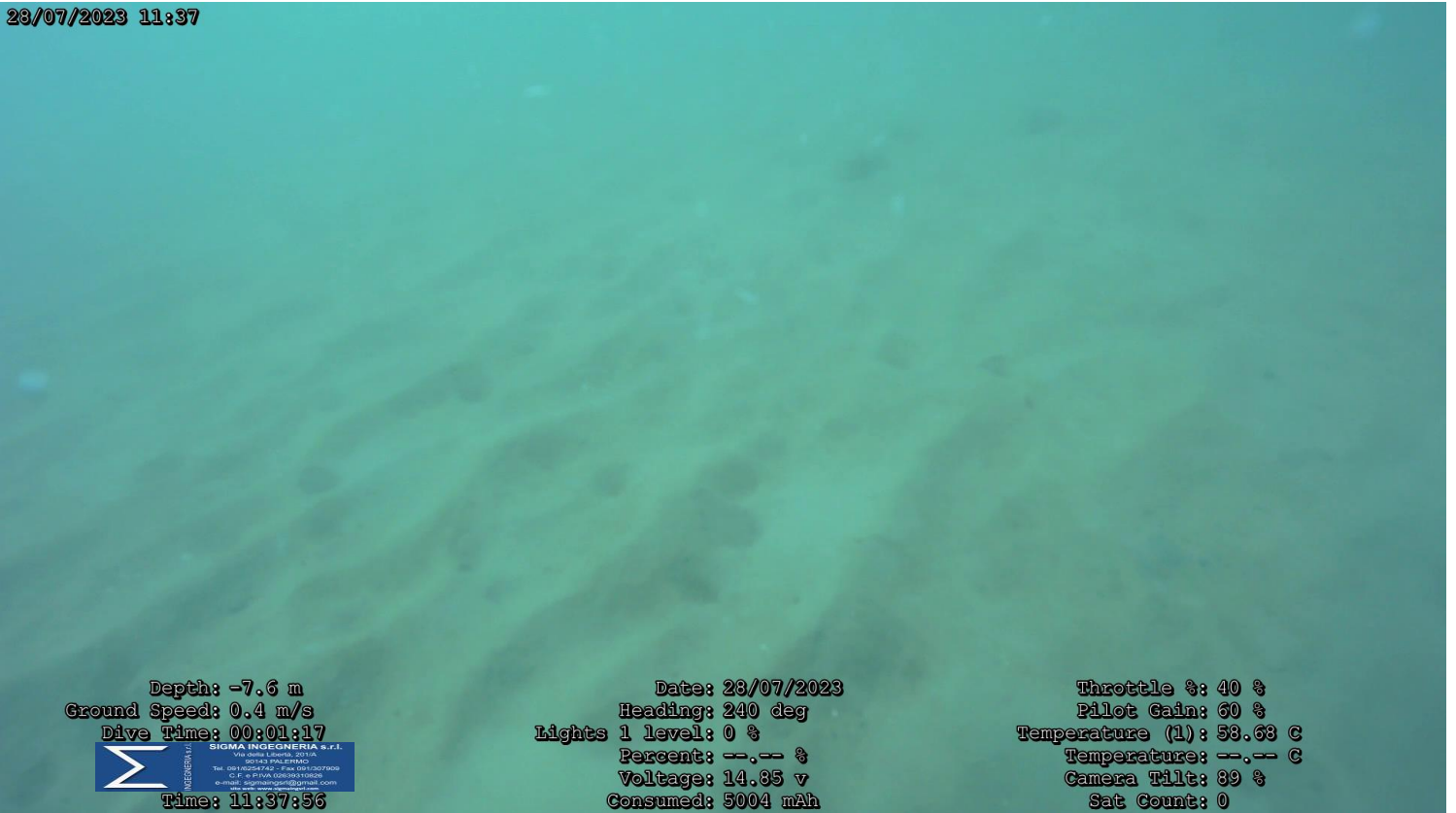
Date: 28/07/2023
Heading: 201 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 14.87 v
Consumed: 4443 mAh

Throttle %: 42 %
Pilot Gain: 50 %
Temperature (1): 58.52 C
Temperature: --,-- C
Camera Tilt: 78 %
Sat Count: 0

6.2

Punto 7

28/07/2023 11:37



Depth: -7.6 m
Ground Speed: 0.4 m/s
Dive Time: 00:01:17
Time: 11:37:56



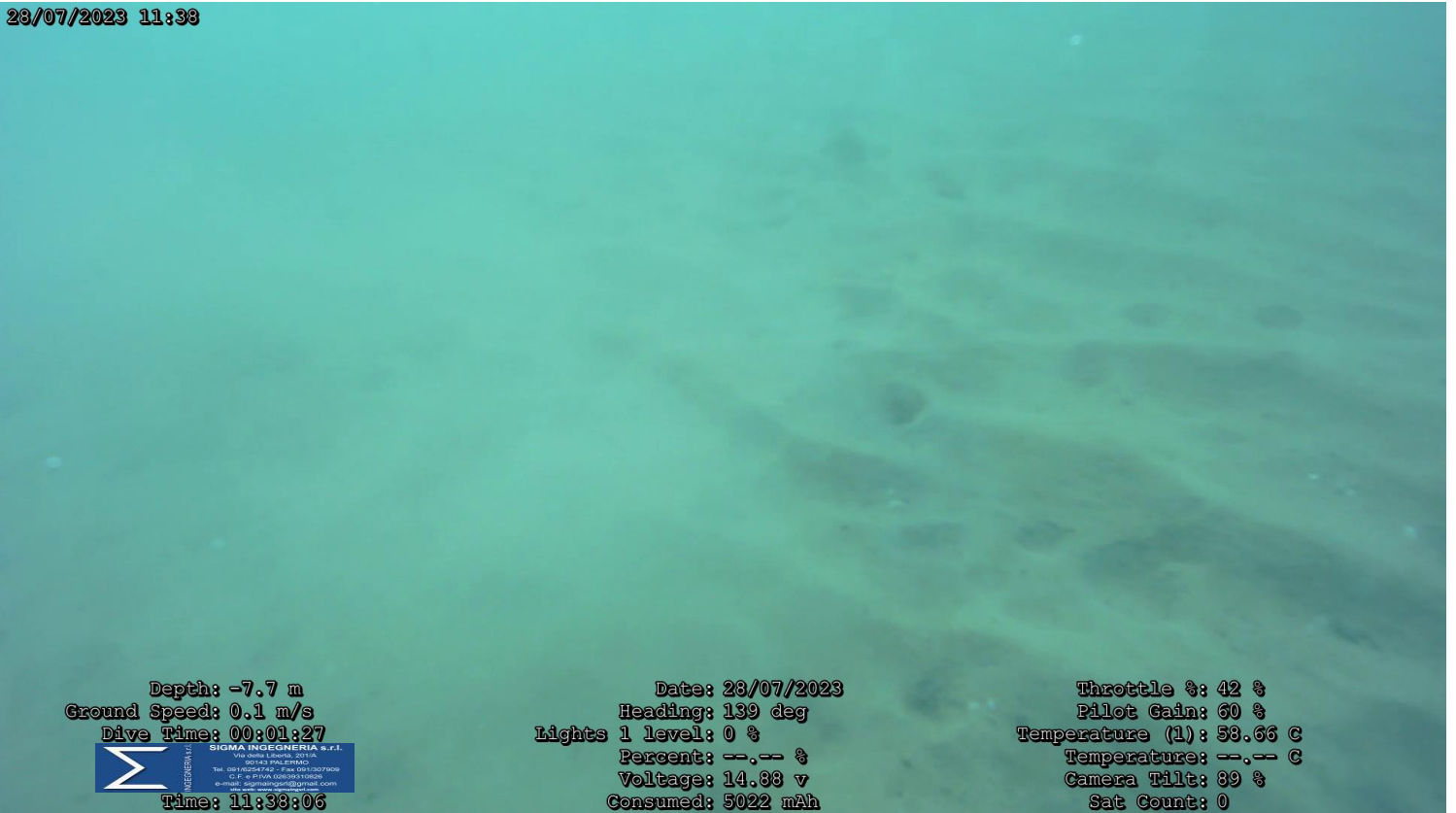
SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50143 PISA (PI) - Italy
Tel. 051.4024762 - Fax 051.4007900
C.F. e P.IVA 03090131009
e-mail: sigmaingenia@gmail.com
www.sigmaingenia.com

Date: 28/07/2023
Heading: 240 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 14.85 v
Consumed: 5004 mAh

Throttle %: 40 %
Pilot Gain: 60 %
Temperature (1): 58.68 C
Temperature: --,-- C
Camera Tilt: 89 %
Sat Count: 0

7.1

28/07/2023 11:38



Depth: -7.7 m
Ground Speed: 0.1 m/s
Dive Time: 00:01:27
Time: 11:38:06



SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50143 PISA (PI) - Italy
Tel. 051.4024762 - Fax 051.4007900
C.F. e P.IVA 03090131009
e-mail: sigmaingenia@gmail.com
www.sigmaingenia.com

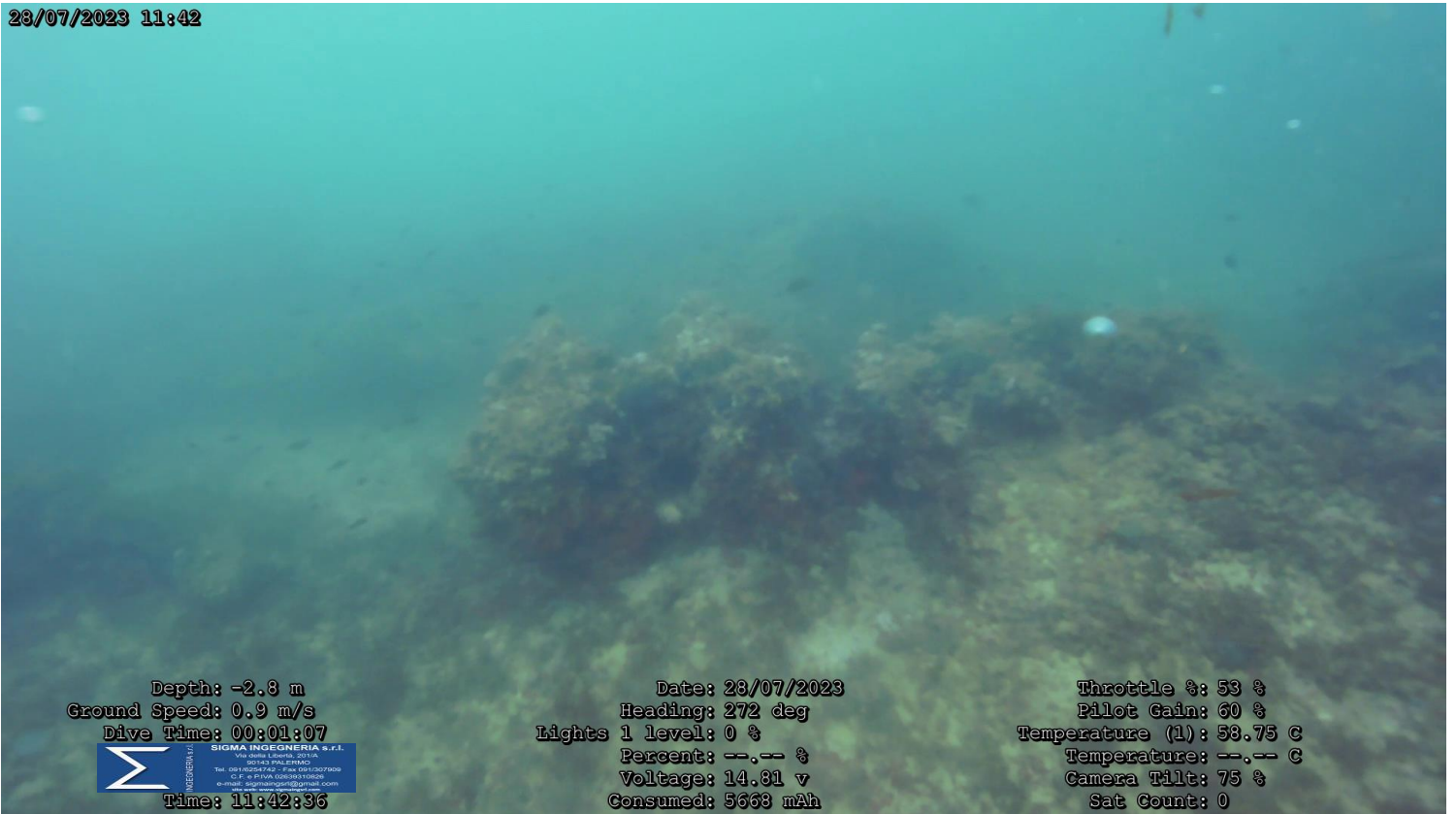
Date: 28/07/2023
Heading: 139 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 14.88 v
Consumed: 5022 mAh

Throttle %: 42 %
Pilot Gain: 60 %
Temperature (1): 58.66 C
Temperature: --,-- C
Camera Tilt: 89 %
Sat Count: 0

7.2

Punto 8

28/07/2023 11:42



Depth: -2.8 m
Ground Speed: 0.9 m/s
Dive Time: 00:01:07



SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50143 PALERMO
Tel. 091 8254762 - Fax 091 3207828
C.F. e P.IVA 03090130909
e-mail: sigmaingenia@gmail.com
www.sigmaingenia.it

Date: 28/07/2023
Heading: 272 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.81 v
Consumed: 5668 mAh

Throttle %: 53 %
Pilot Gain: 60 %
Temperature (1): 58.75 C
Temperature: --.-- C
Camera Tilt: 75 %
Sat Count: 0

8.1

28/07/2023 11:42



Depth: -2.8 m
Ground Speed: 0.4 m/s
Dive Time: 00:00:37



SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50143 PALERMO
Tel. 091 8254762 - Fax 091 3207828
C.F. e P.IVA 03090130909
e-mail: sigmaingenia@gmail.com
www.sigmaingenia.it

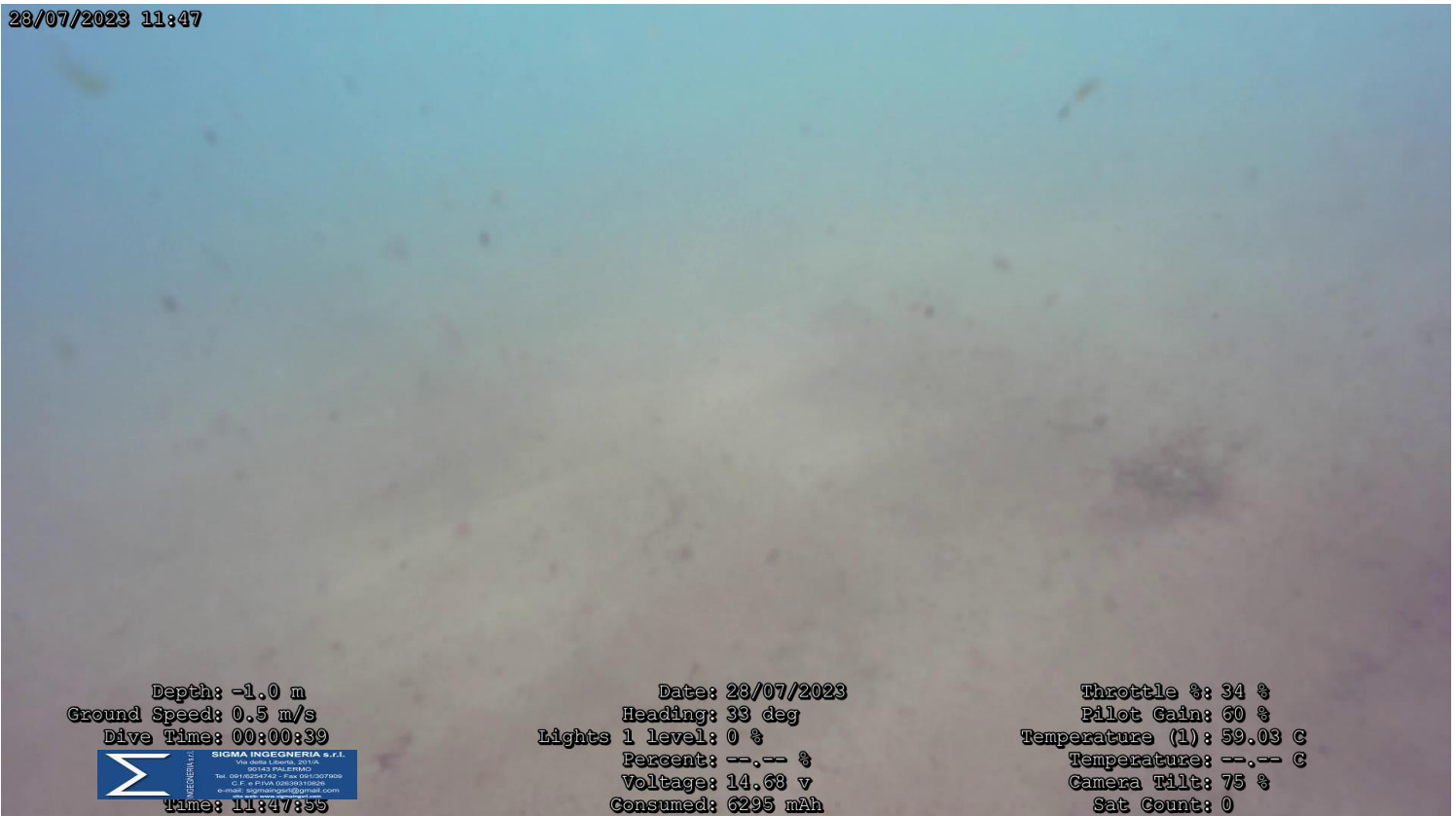
Date: 28/07/2023
Heading: 33 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.75 v
Consumed: 5594 mAh

Throttle %: 20 %
Pilot Gain: 60 %
Temperature (1): 58.72 C
Temperature: --.-- C
Camera Tilt: 75 %
Sat Count: 0

8.2

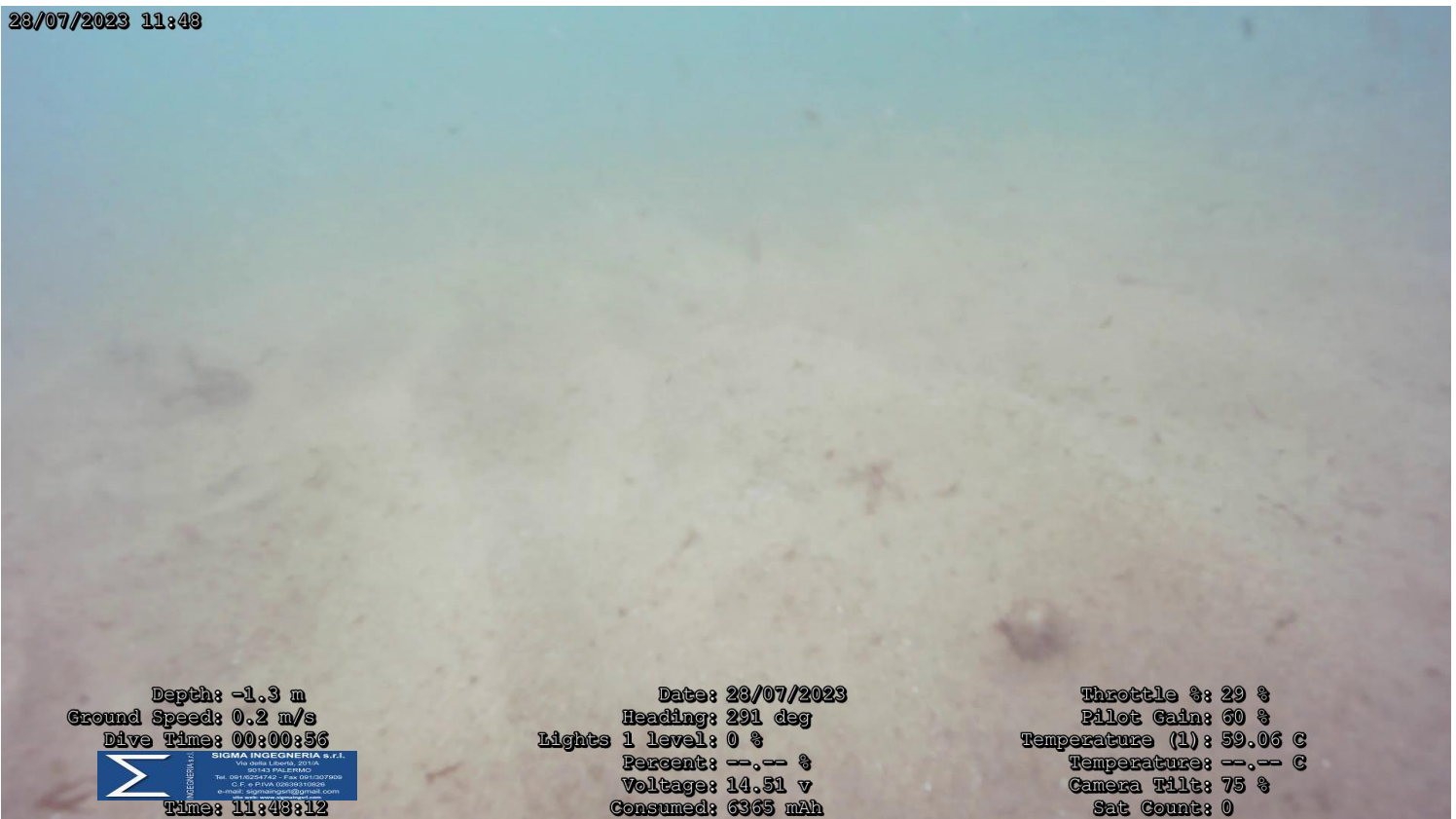
Punto 9

28/07/2023 11:47



9.1

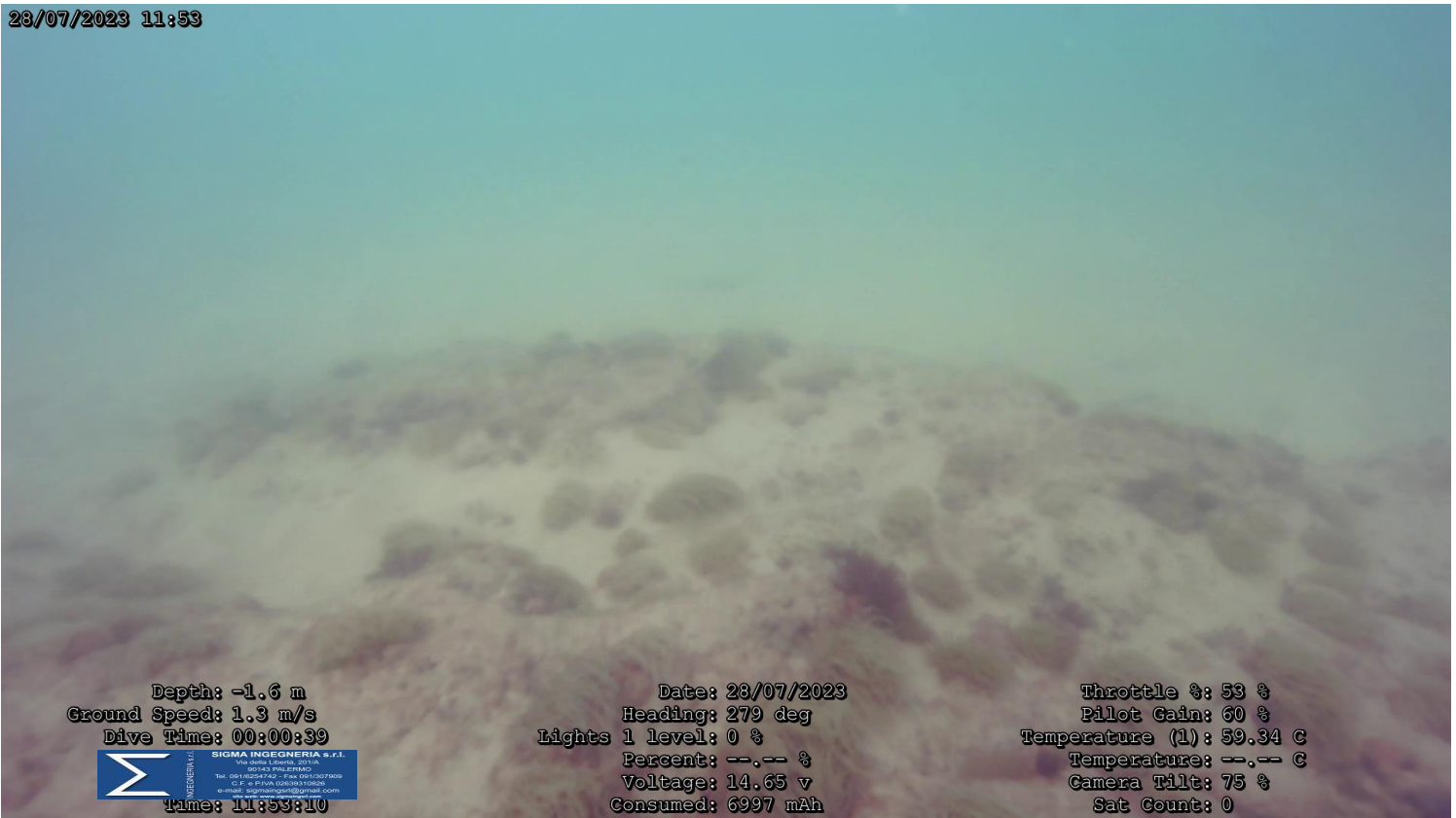
28/07/2023 11:48



9.2

Punto 10

28/07/2023 11:53



Depth: -1.6 m
Ground Speed: 1.3 m/s
Dive Time: 00:00:39

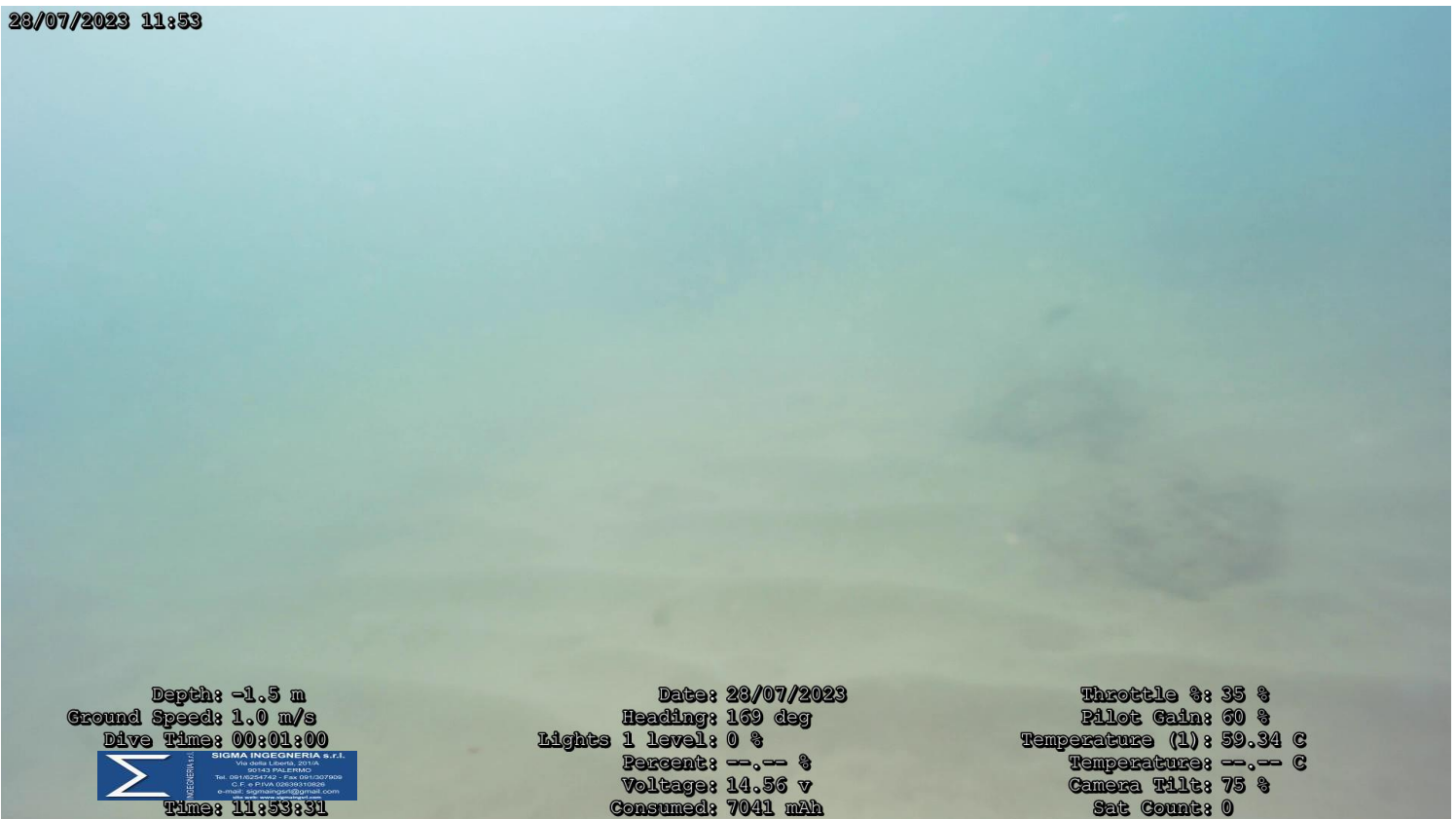


Date: 28/07/2023
Heading: 279 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 14.65 v
Consumed: 6997 mAh

Throttle %: 53 %
Pilot Gain: 60 %
Temperature (1): 59.34 C
Temperature: --,-- C
Camera Tilt: 75 %
Sat Count: 0

10.1

28/07/2023 11:53



Depth: -1.5 m
Ground Speed: 1.0 m/s
Dive Time: 00:01:00



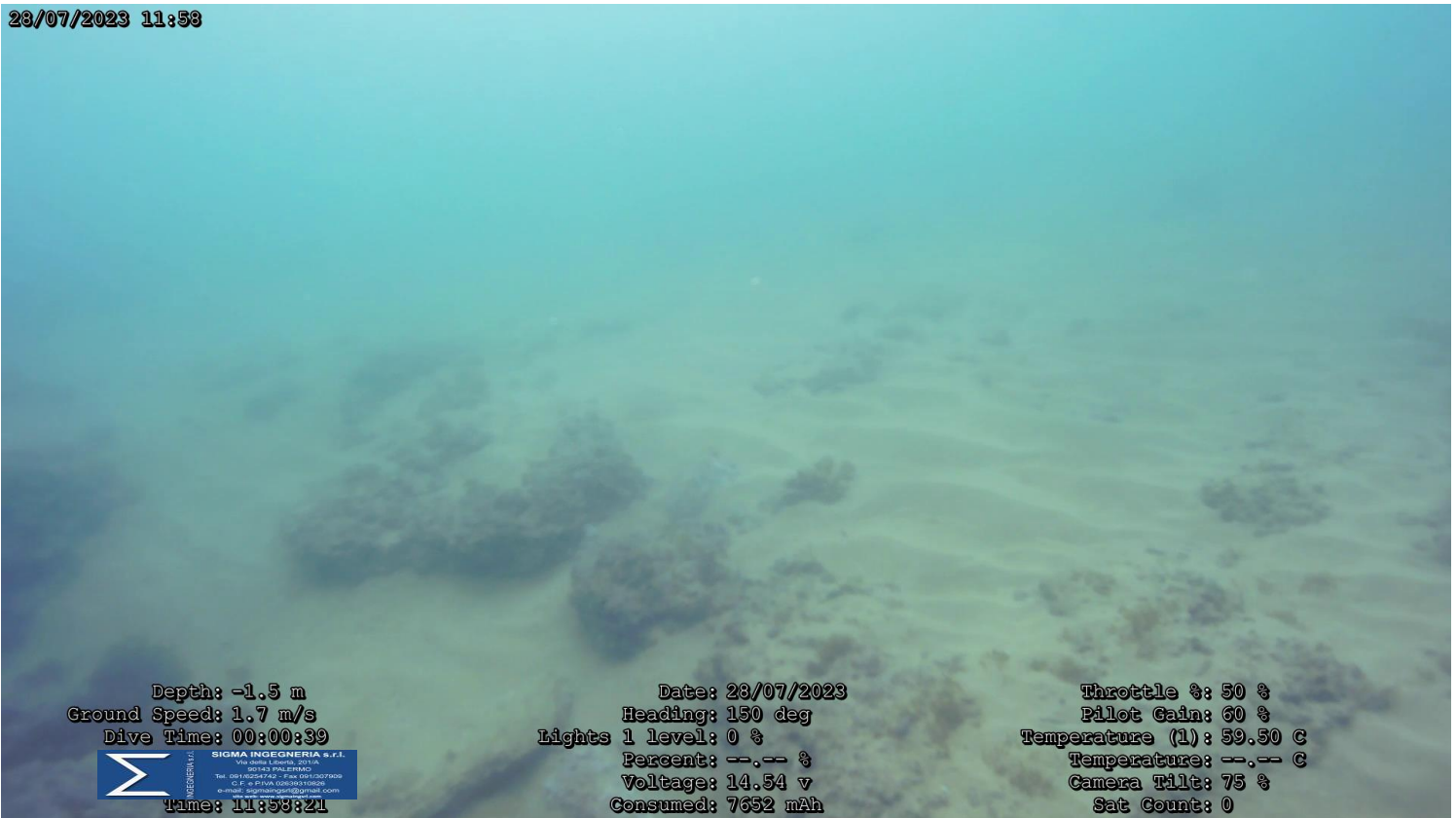
Date: 28/07/2023
Heading: 169 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 14.56 v
Consumed: 7041 mAh

Throttle %: 35 %
Pilot Gain: 60 %
Temperature (1): 59.34 C
Temperature: --,-- C
Camera Tilt: 75 %
Sat Count: 0

10.2

Punto 11

28/07/2023 11:53



11.1

28/07/2023 11:53



11.2

Punto 12

28/07/2023 12:07

Depth: -3.3 m
Ground Speed: 0.3 m/s
Dive Time: 00:01:10



Time: 12:07:30

Date: 28/07/2023
Heading: 203 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 14.37 v
Consumed: 8809 mAh

Throttle %: 42 %
Pilot Gain: 60 %
Temperature (1): 60.07 C
Temperature: --,-- C
Camera Tilt: 96 %
Sat Count: 0

12.1

28/07/2023 12:07

Depth: -3.4 m
Ground Speed: 0.0 m/s
Dive Time: 00:01:21



Time: 12:07:41

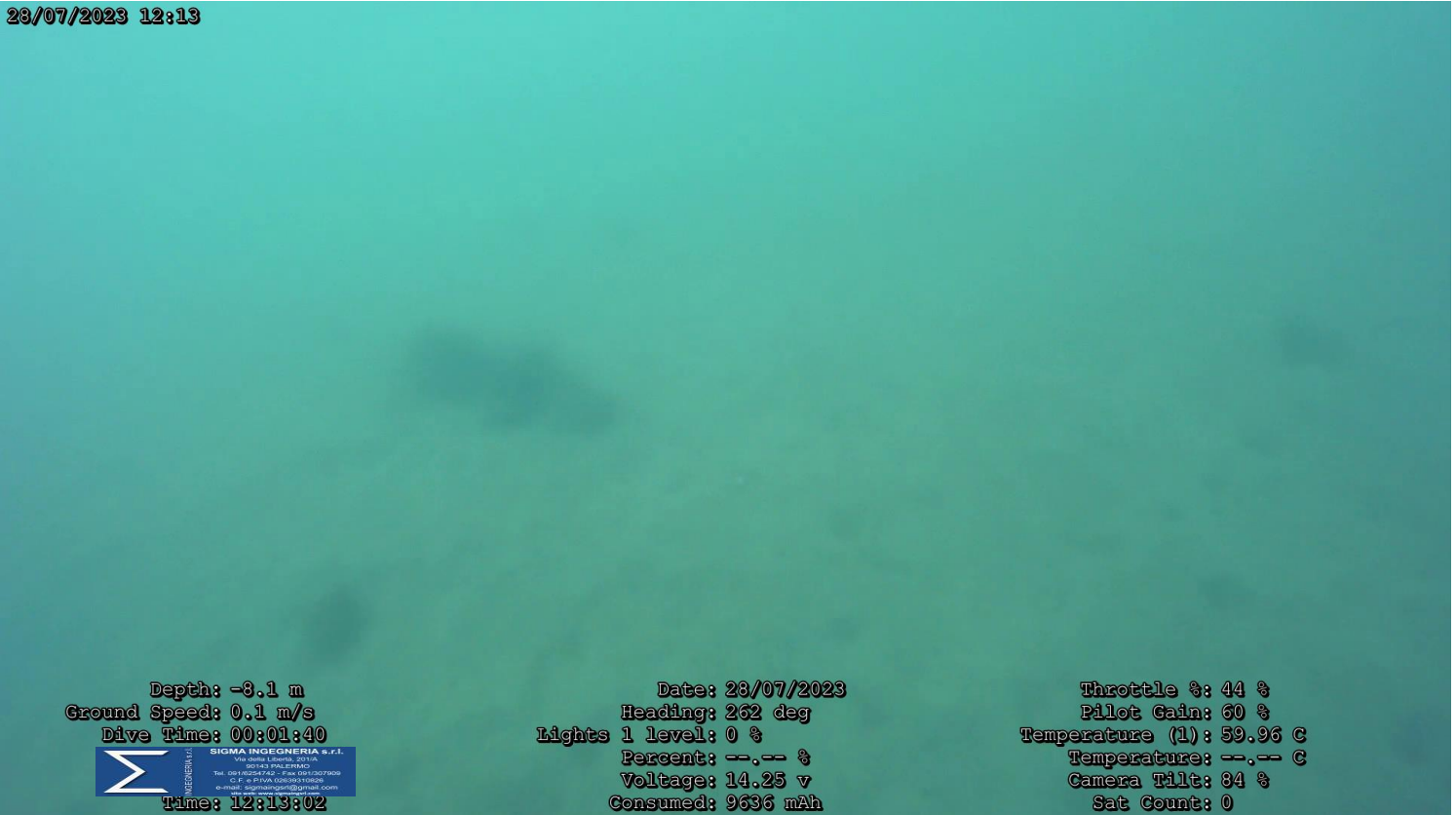
Date: 28/07/2023
Heading: 48 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 14.19 v
Consumed: 8832 mAh

Throttle %: 26 %
Pilot Gain: 60 %
Temperature (1): 60.07 C
Temperature: --,-- C
Camera Tilt: 67 %
Sat Count: 0

12.2

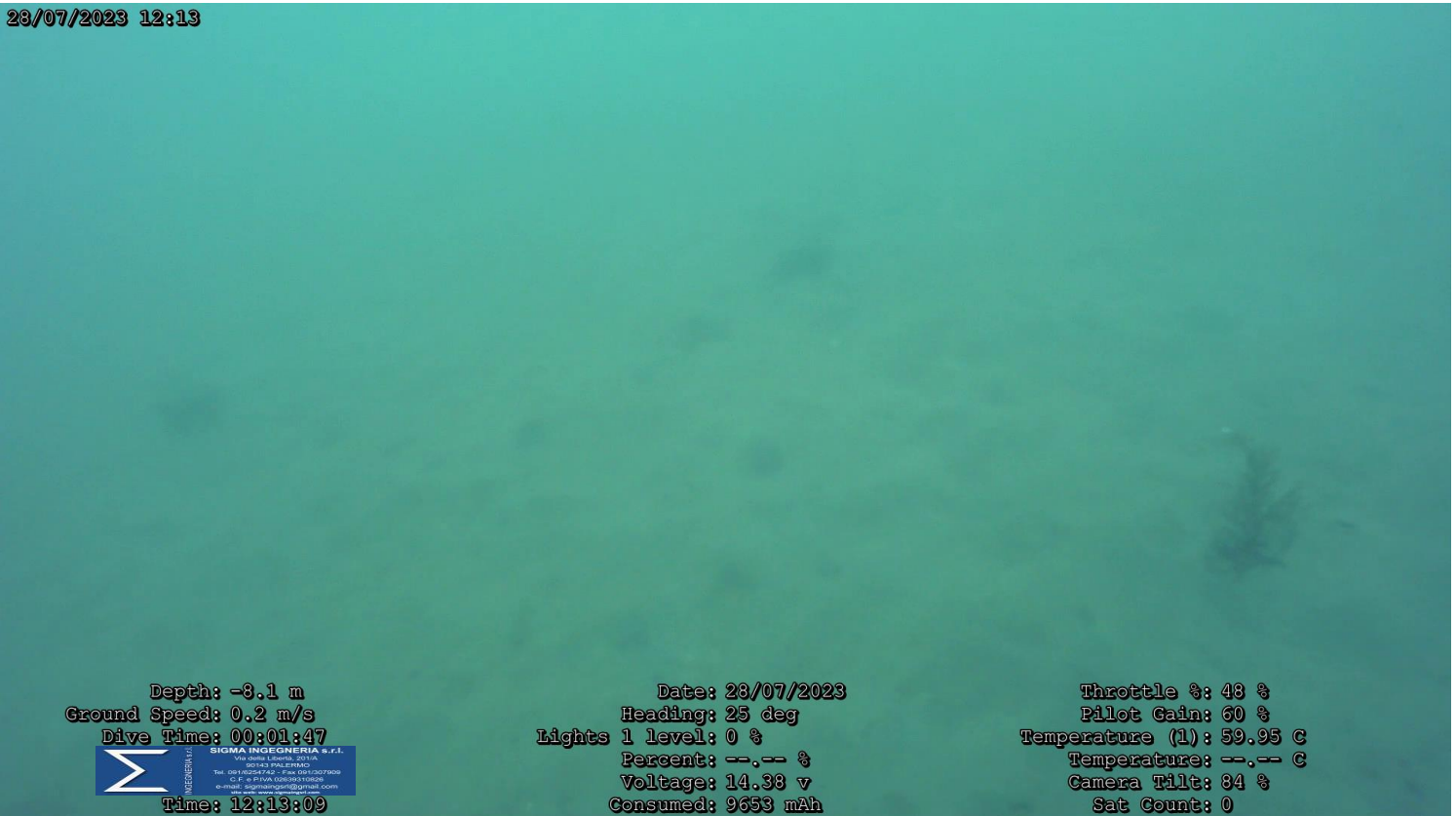
Punto 13

28/07/2023 12:13



13.1

28/07/2023 12:13



13.2

Punto 14

28/07/2023 12:18

Depth: -10.6 m
Ground Speed: 1.9 m/s
Dive Time: 00:01:18



Time: 12:18:34

Date: 28/07/2023
Heading: 221 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 14.27 v
Consumed: 10434 mAh

Throttle %: 41 %
Pilot Gain: 60 %
Temperature (1): 60.16 C
Camera Tilt: 100 %
Sat Count: 0

14.1

28/07/2023 12:19

Depth: -10.9 m
Ground Speed: 3.9 m/s
Dive Time: 00:02:32



Time: 12:19:48

Date: 28/07/2023
Heading: 185 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 14.29 v
Consumed: 10646 mAh

Throttle %: 51 %
Pilot Gain: 50 %
Temperature (1): 59.95 C
Camera Tilt: 84 %
Sat Count: 0

14.2

Punto 15

28/07/2023 12:25



15.1

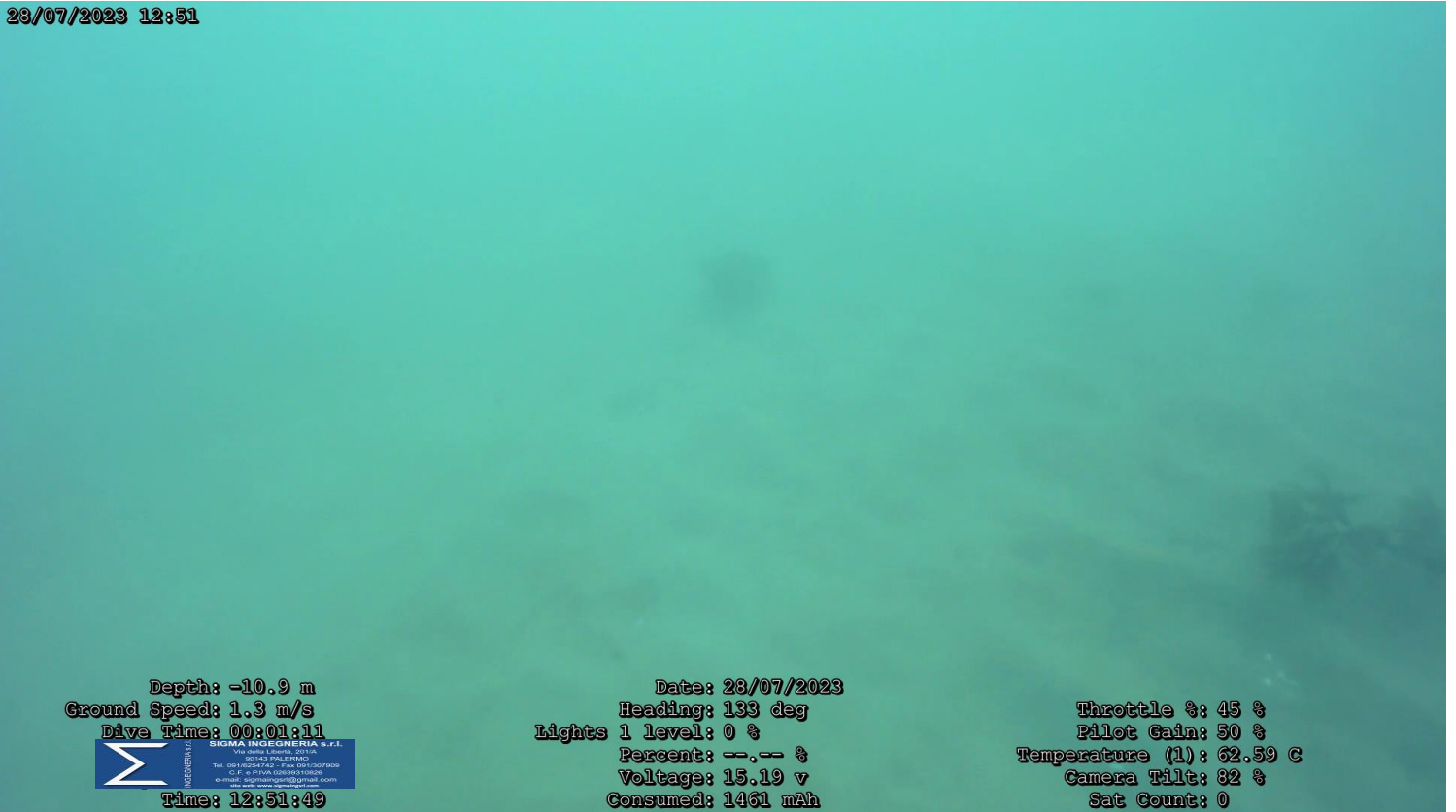
28/07/2023 12:26



15.2

Punto 16

28/07/2023 12:51



Depth: -10.9 m
Ground Speed: 1.3 m/s
Dive Time: 00:01:11
Time: 12:51:49



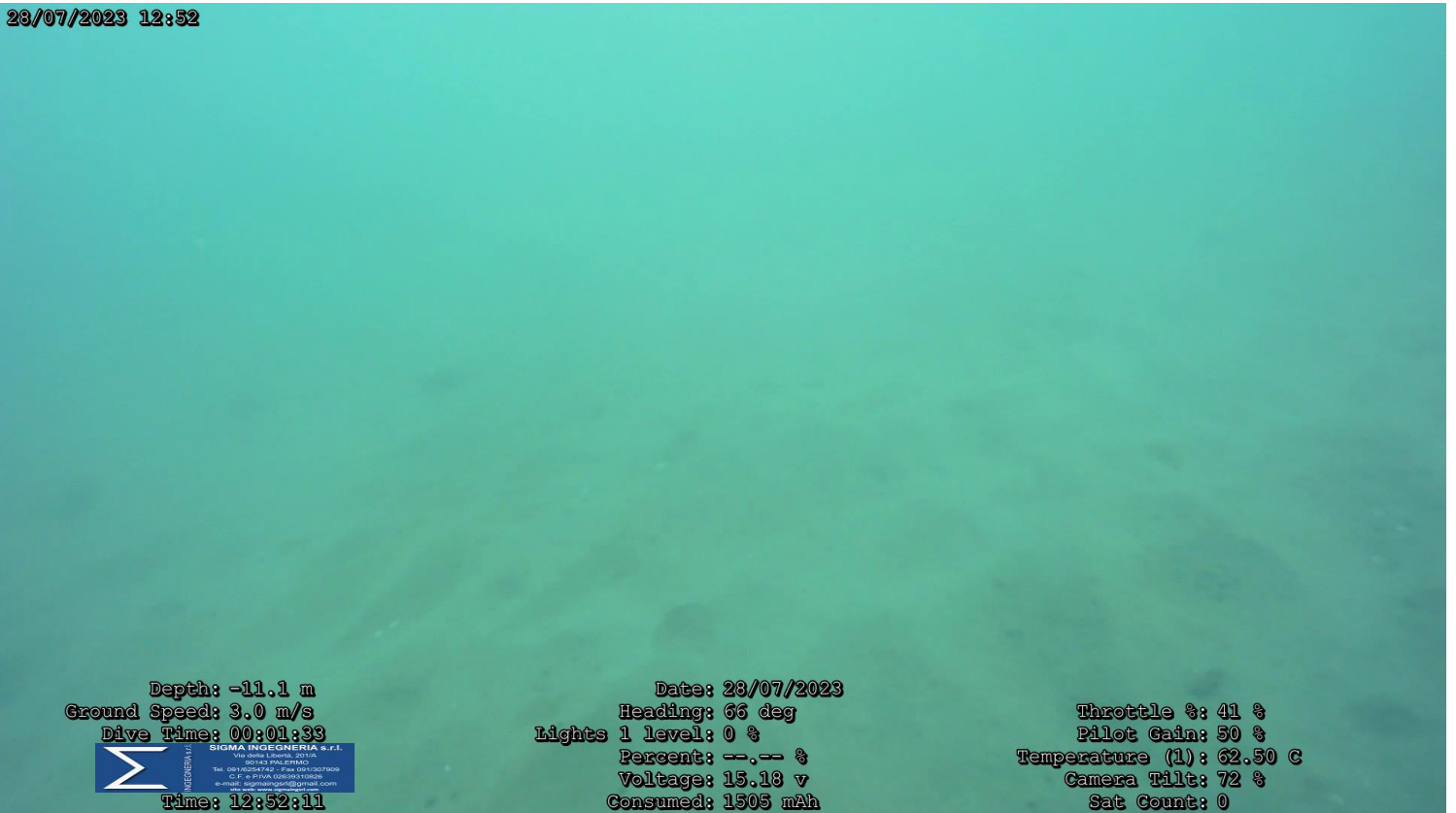
SIGMA INGENIERIA s.r.l.
Via della Libertà, 207/A
50143 PALERMO
Tel. 091 8254762 - Fax 091 307926
C.F. e P.IVA 03090310909
e-mail: sigmahingen@gmail.com
www.sigmahingen.com

Date: 28/07/2023
Heading: 133 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 15.19 v
Consumed: 1461 mAh

Throttle %: 45 %
Pilot Gain: 50 %
Temperature (1): 62.59 C
Camera Tilt: 82 %
Sat Count: 0

16.1

28/07/2023 12:52



Depth: -11.1 m
Ground Speed: 3.0 m/s
Dive Time: 00:01:33
Time: 12:52:11



SIGMA INGENIERIA s.r.l.
Via della Libertà, 207/A
50143 PALERMO
Tel. 091 8254762 - Fax 091 307926
C.F. e P.IVA 03090310909
e-mail: sigmahingen@gmail.com
www.sigmahingen.com

Date: 28/07/2023
Heading: 66 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 15.18 v
Consumed: 1505 mAh

Throttle %: 41 %
Pilot Gain: 50 %
Temperature (1): 62.50 C
Camera Tilt: 72 %
Sat Count: 0

16.2

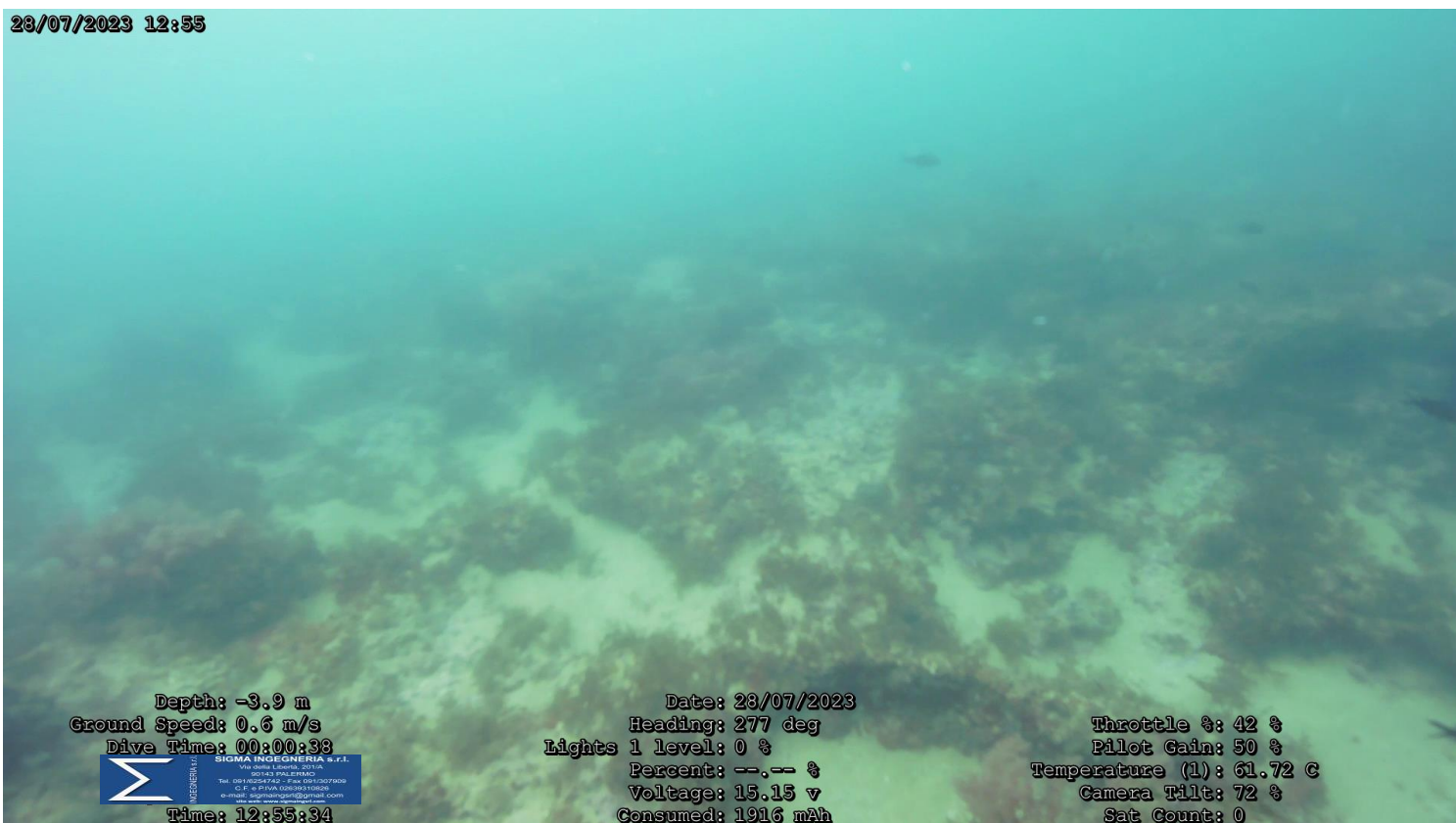
Punto 17

28/07/2023 12:55



17.1

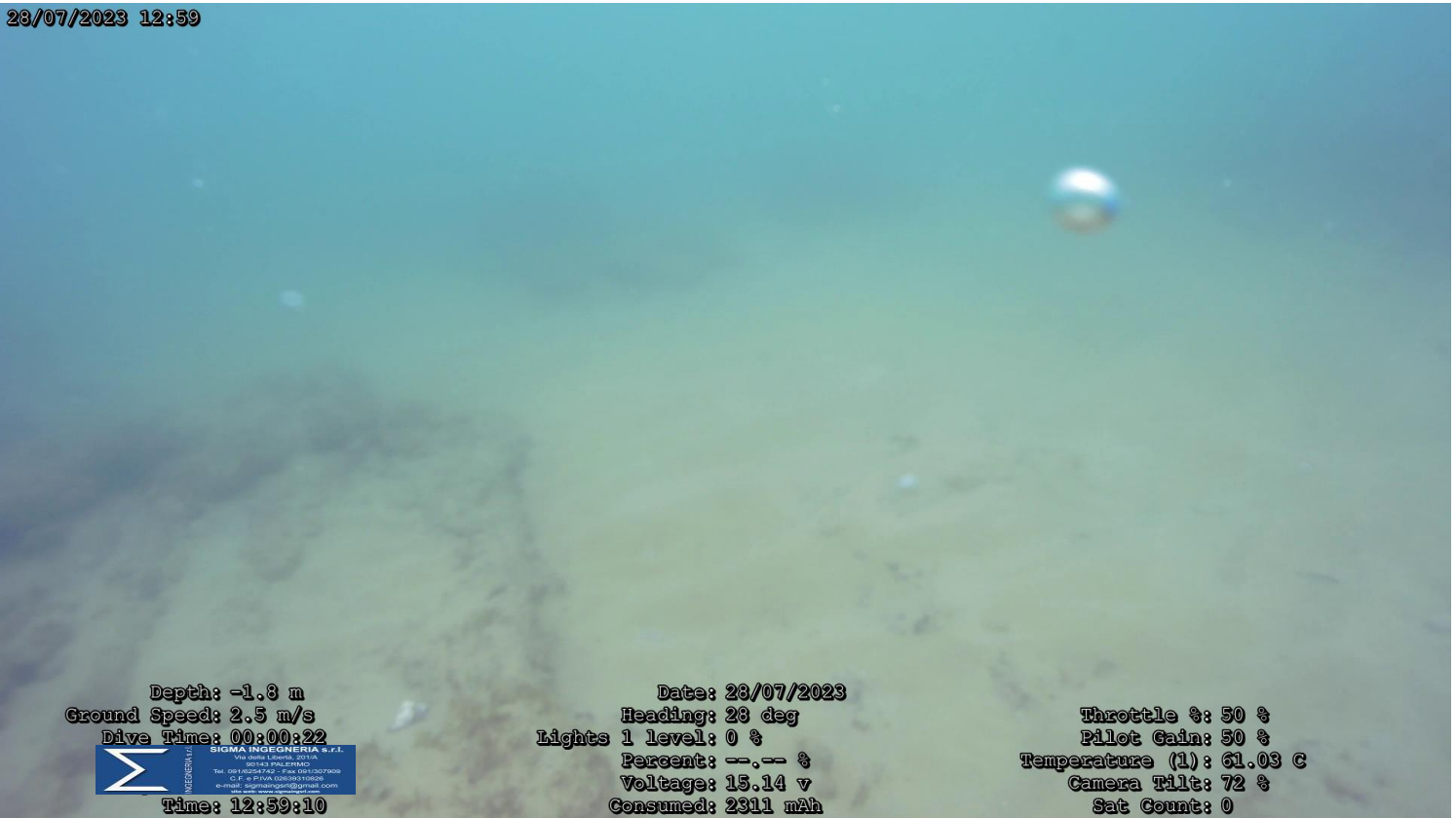
28/07/2023 12:55



17.2

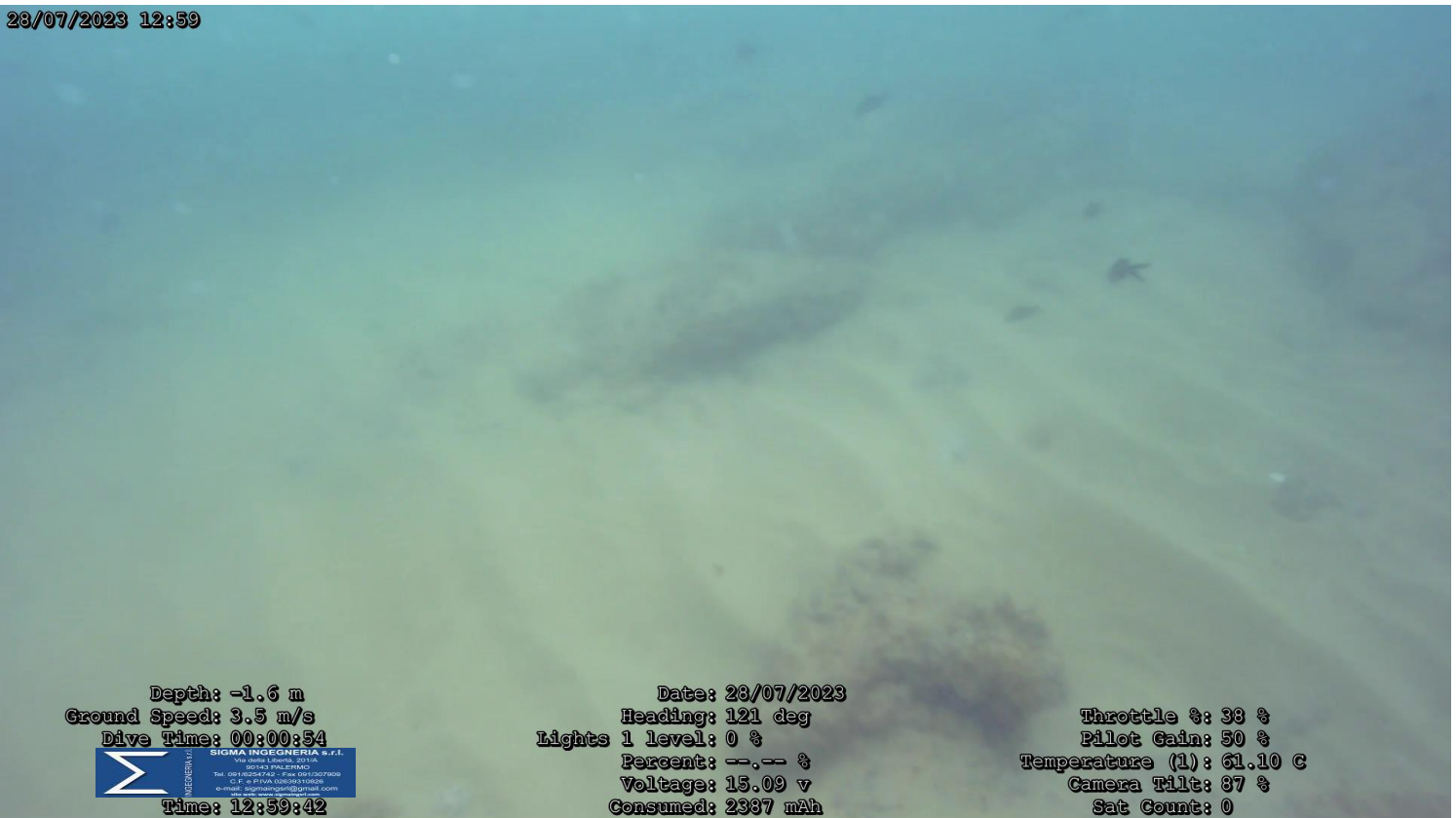
Punto 18

28/07/2023 12:59



18.1

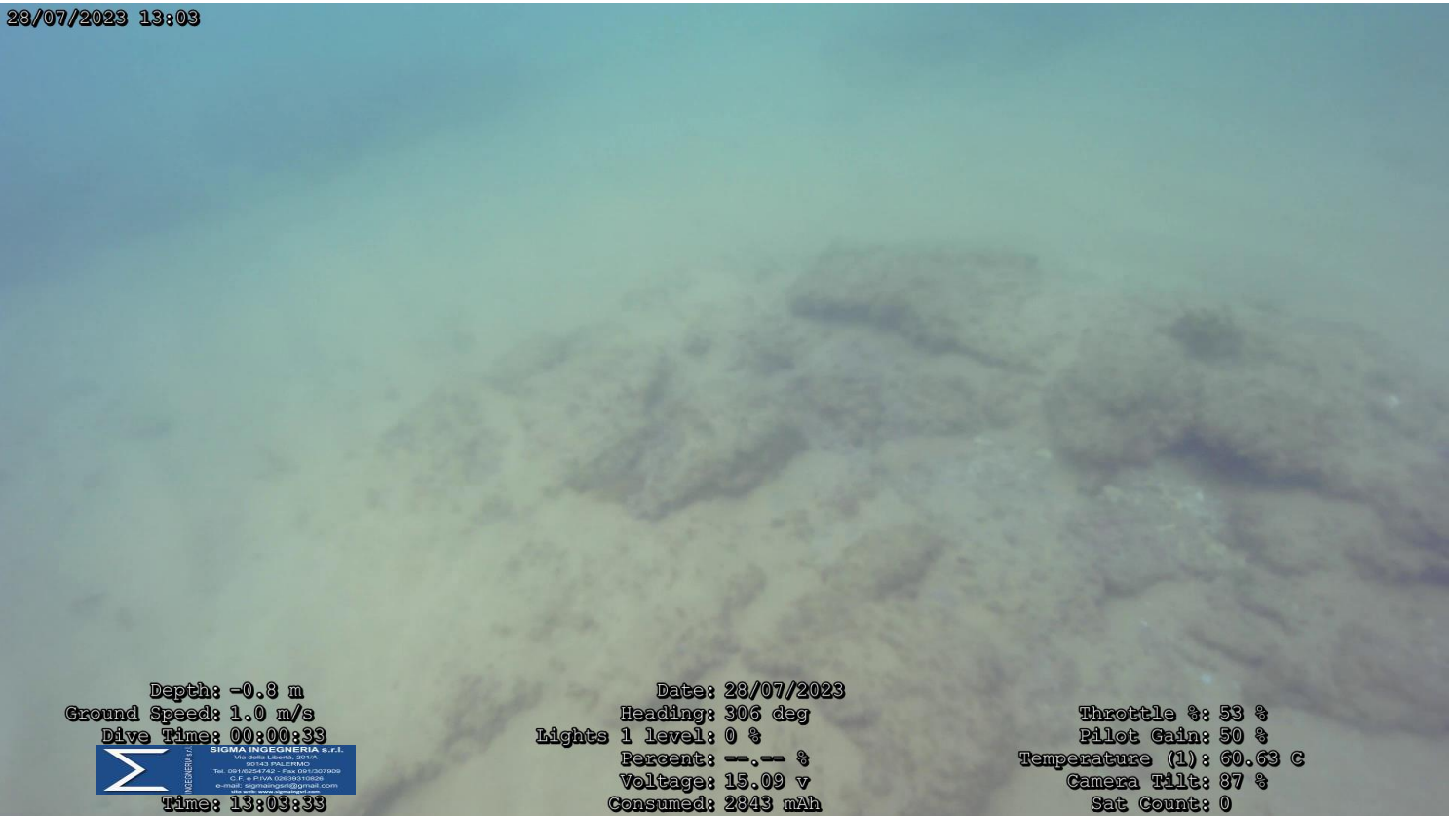
28/07/2023 12:59



18.2

Punto 19

28/07/2023 13:03



Depth: -0.8 m
Ground Speed: 1.0 m/s
Dive Time: 00:00:33
Time: 13:03:33



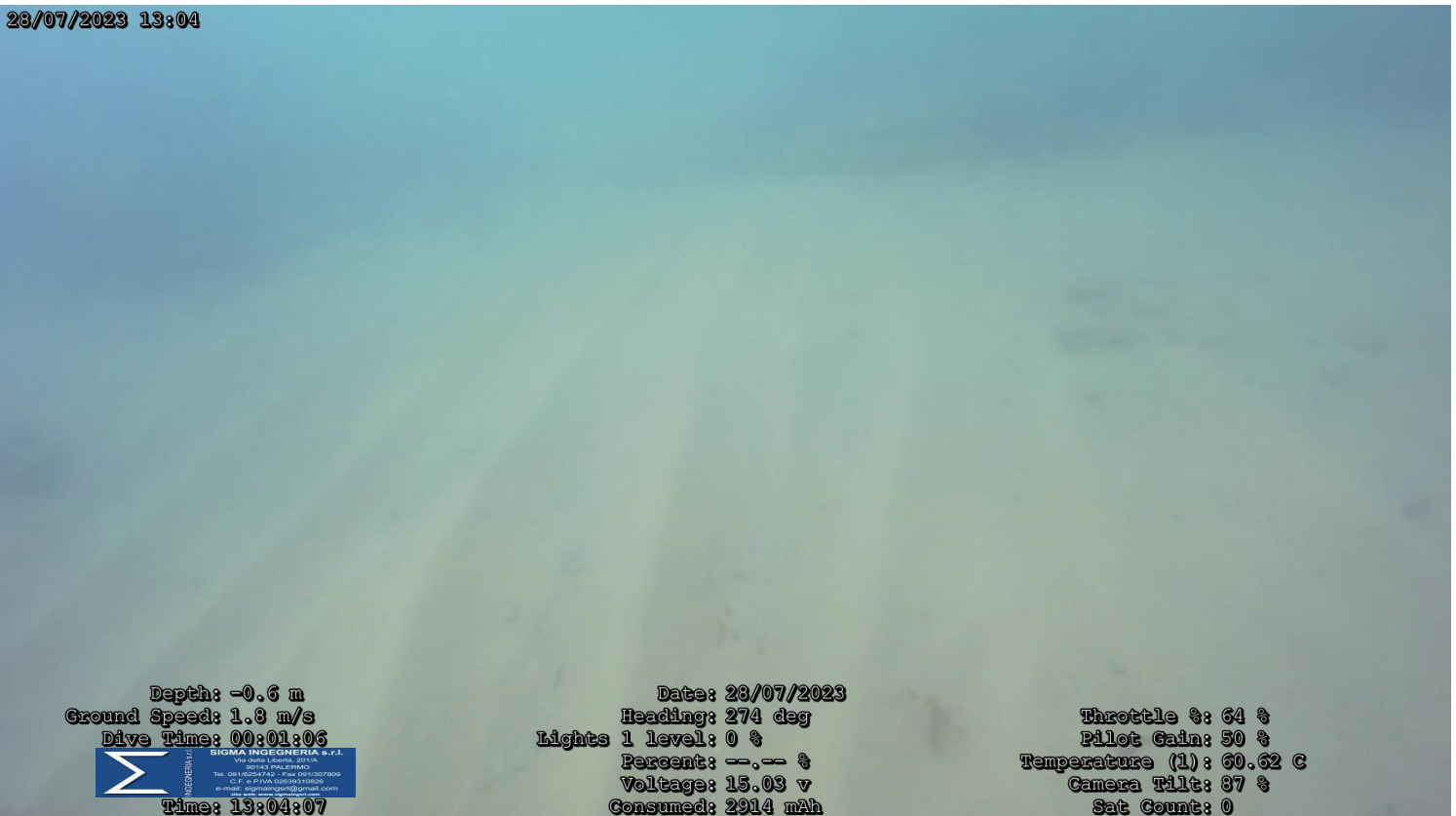
SIGMA INGENIERIA s.r.l.
Via della Libertà, 207/A
50143 PISA (PI) - Italy
Tel. 051.4254762 - Fax 051.4207900
C.F. e P.IVA 03090130500
e-mail: sigmaingenier@gmail.com
www.sigmaingenier.com

Date: 28/07/2023
Heading: 306 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 15.09 v
Consumed: 2843 mAh

Throttle %: 53 %
Pilot Gain: 50 %
Temperature (1): 60.63 C
Camera Tilt: 87 %
Sat Count: 0

19.1

28/07/2023 13:04



Depth: -0.6 m
Ground Speed: 1.8 m/s
Dive Time: 00:01:06
Time: 13:04:07



SIGMA INGENIERIA s.r.l.
Via della Libertà, 207/A
50143 PISA (PI) - Italy
Tel. 051.4254762 - Fax 051.4207900
C.F. e P.IVA 03090130500
e-mail: sigmaingenier@gmail.com
www.sigmaingenier.com

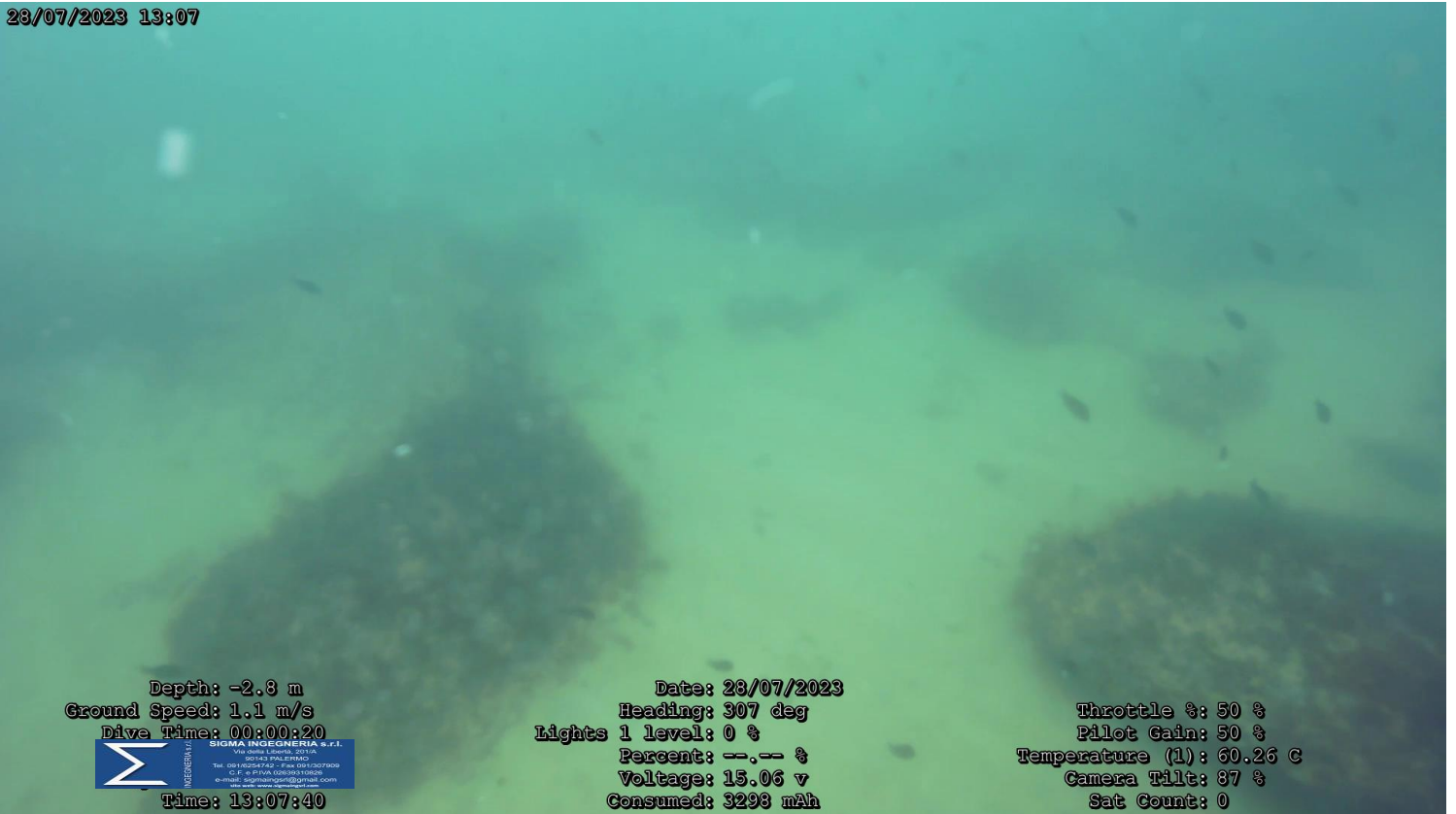
Date: 28/07/2023
Heading: 274 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 15.03 v
Consumed: 2914 mAh

Throttle %: 64 %
Pilot Gain: 50 %
Temperature (1): 60.62 C
Camera Tilt: 87 %
Sat Count: 0

19.2

Punto 20

28/07/2023 13:07



Depth: -2.8 m
Ground Speed: 1.1 m/s
Dive Time: 00:00:20
Time: 13:07:40

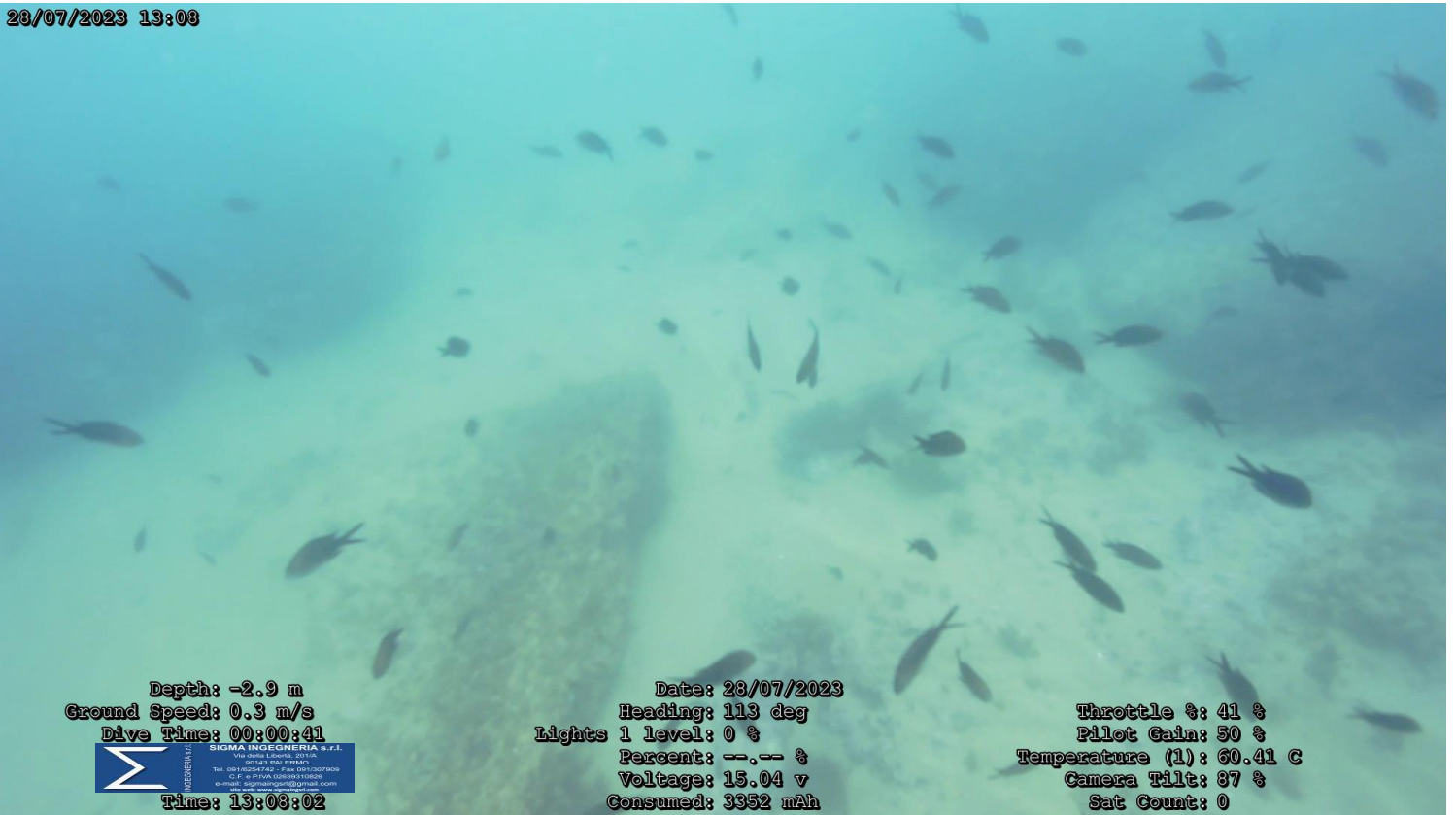
 SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50133 PISA (PI) - Italy
Tel. 051 4054762 - Fax 051 307900
C.F. e P.IVA 03090310500
e-mail: sigmaingegner@gmail.com
www.sigmaingegner.com

Date: 28/07/2023
Heading: 307 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 15.06 v
Consumed: 3298 mAh

Throttle %: 50 %
Pilot Gain: 50 %
Temperature (1): 60.26 C
Camera Tilt: 87 %
Sat Count: 0

20.1

28/07/2023 13:08



Depth: -2.9 m
Ground Speed: 0.3 m/s
Dive Time: 00:00:41
Time: 13:08:02

 SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50133 PISA (PI) - Italy
Tel. 051 4054762 - Fax 051 307900
C.F. e P.IVA 03090310500
e-mail: sigmaingegner@gmail.com
www.sigmaingegner.com

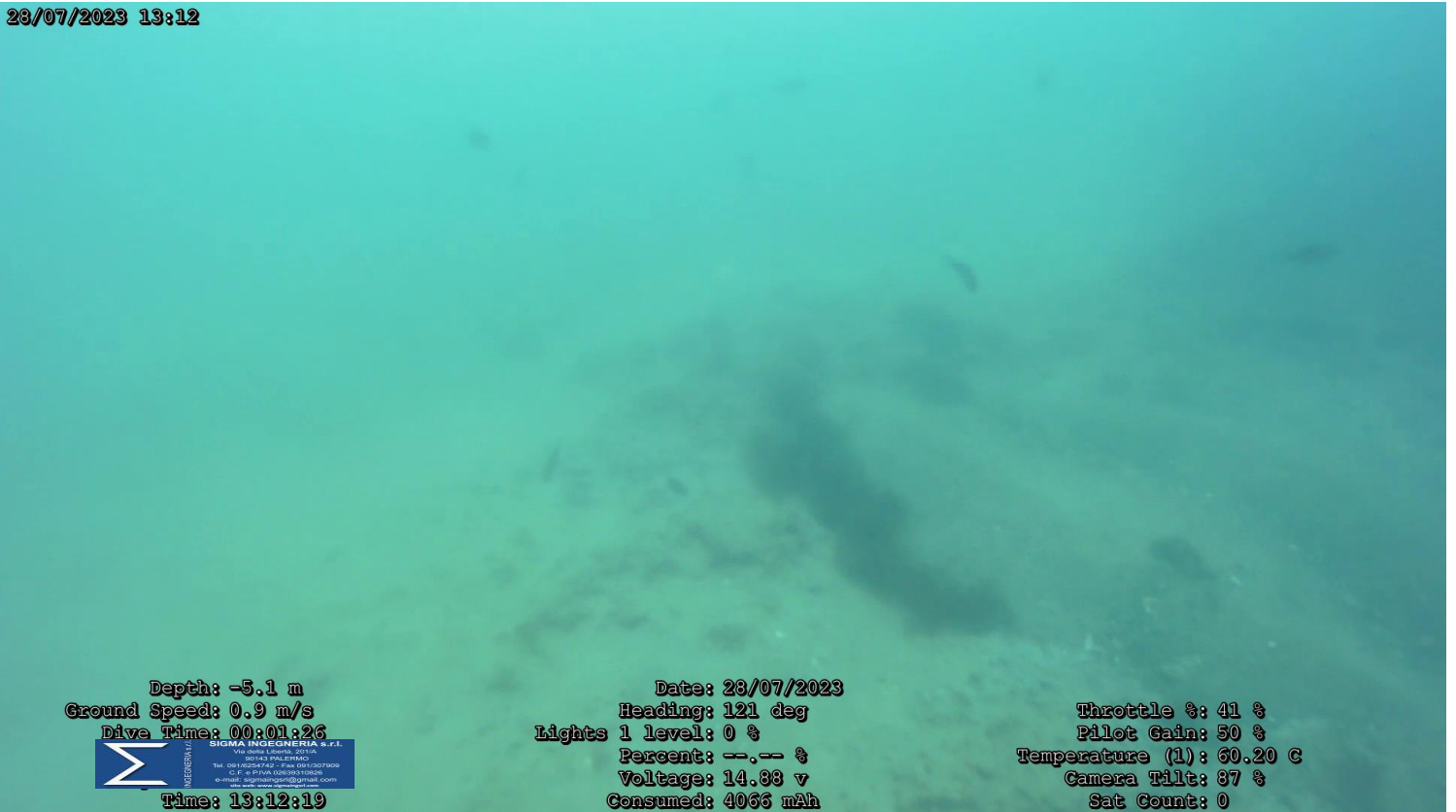
Date: 28/07/2023
Heading: 113 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 15.04 v
Consumed: 3352 mAh

Throttle %: 41 %
Pilot Gain: 50 %
Temperature (1): 60.41 C
Camera Tilt: 87 %
Sat Count: 0

20.2

Punto 21

28/07/2023 13:12



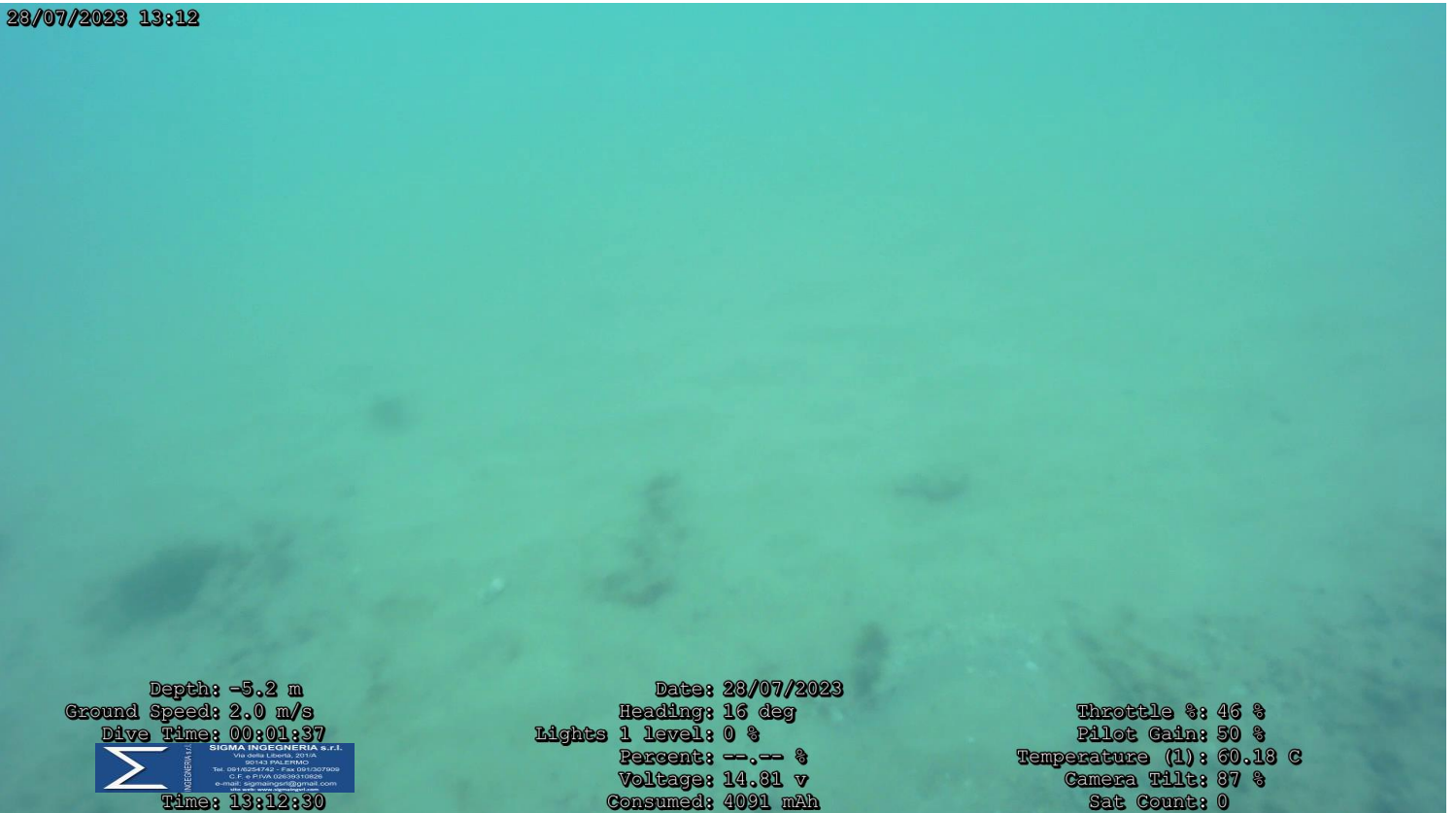
Depth: -5.1 m
Ground Speed: 0.9 m/s
Dive Time: 00:01:26
Time: 13:12:19

Date: 28/07/2023
Heading: 121 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 14.98 v
Consumed: 4066 mAh

Throttle %: 41 %
Pilot Gain: 50 %
Temperature (1): 60.20 C
Camera Tilt: 87 %
Sat Count: 0

21.1

28/07/2023 13:12



Depth: -5.2 m
Ground Speed: 2.0 m/s
Dive Time: 00:01:37
Time: 13:12:30

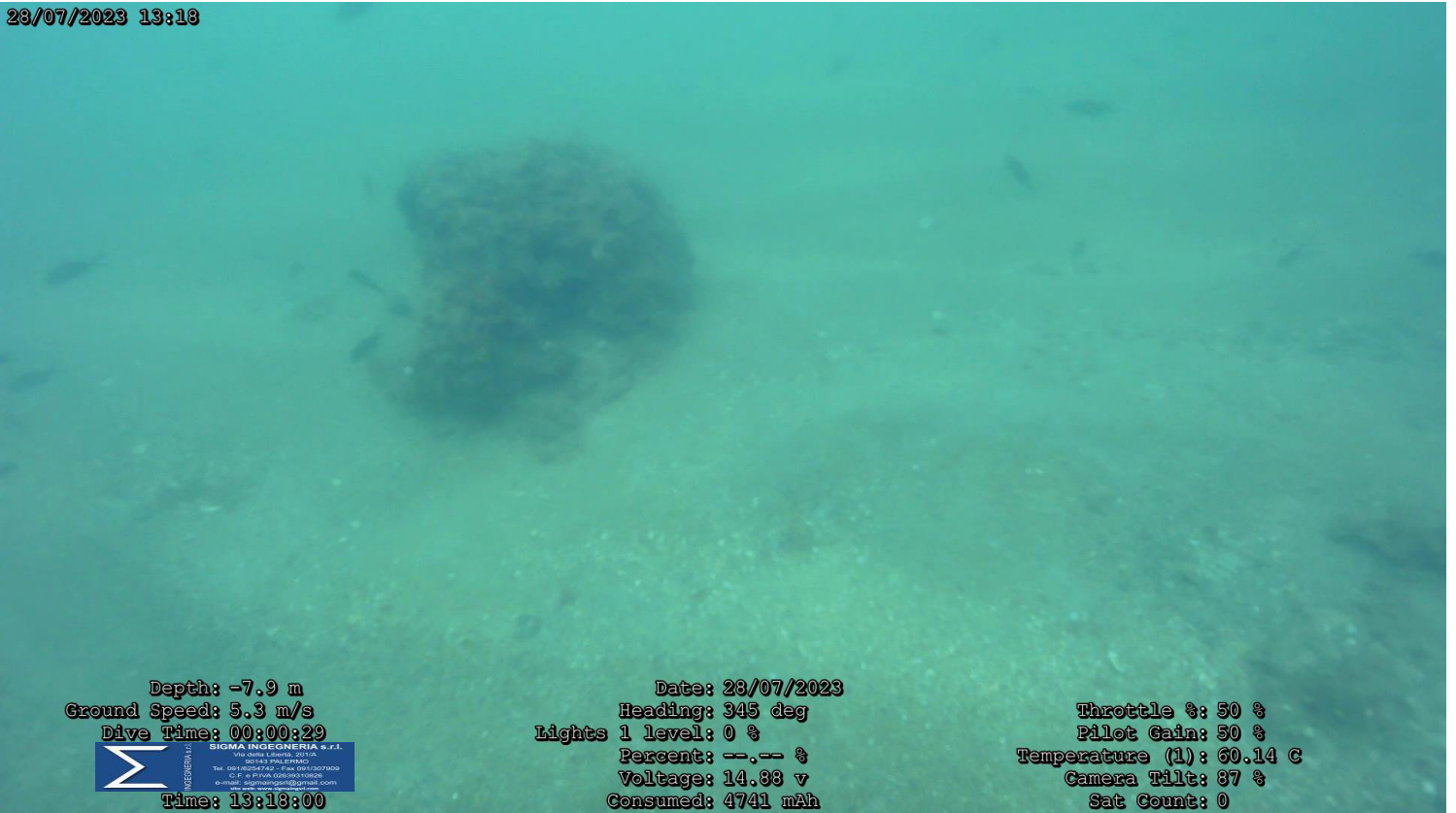
Date: 28/07/2023
Heading: 16 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 14.81 v
Consumed: 4091 mAh

Throttle %: 46 %
Pilot Gain: 50 %
Temperature (1): 60.18 C
Camera Tilt: 87 %
Sat Count: 0

21.2

Punto 22

28/07/2023 13:18



Depth: -7.9 m
Ground Speed: 5.3 m/s
Dive Time: 00:00:29
Time: 13:18:00



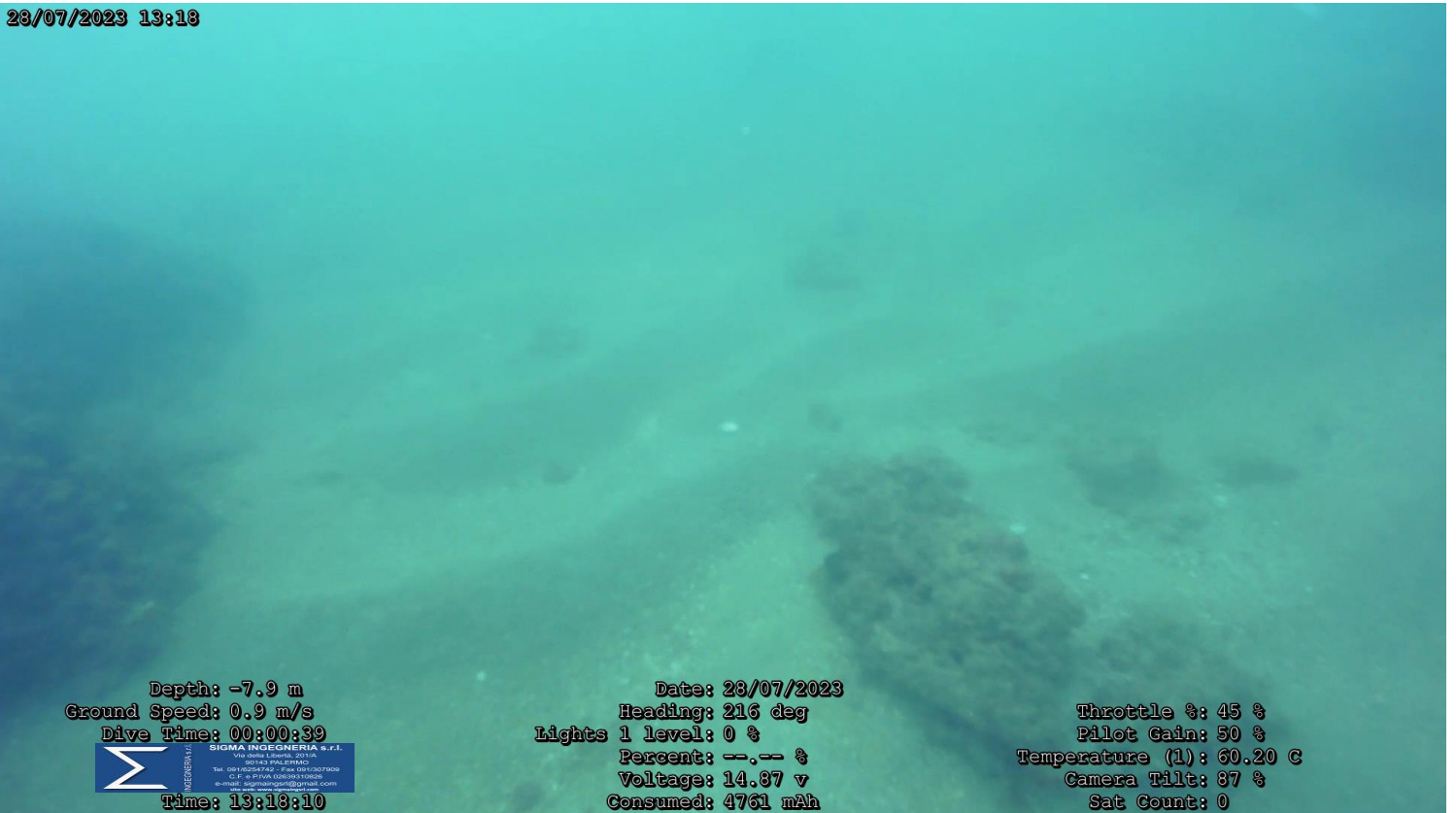
SIGMA INGENIERIA s.r.l.
Via della Libertà, 207/A
50143 PALERMO
Tel. 091 8254762 - Fax 091 307926
C.F. e P.IVA 03090310909
e-mail: sigmahingen@gmail.com
www.sigmahingen.com

Date: 28/07/2023
Heading: 345 deg
Lights 1 level: 0 %
Percent: -- -- %
Voltage: 14.88 v
Consumed: 4741 mAh

Throttle %: 50 %
Pilot Gain: 50 %
Temperature (1): 60.14 C
Camera Tilt: 87 %
Sat Count: 0

22.1

28/07/2023 13:18



Depth: -7.9 m
Ground Speed: 0.9 m/s
Dive Time: 00:00:39
Time: 13:18:10



SIGMA INGENIERIA s.r.l.
Via della Libertà, 207/A
50143 PALERMO
Tel. 091 8254762 - Fax 091 307926
C.F. e P.IVA 03090310909
e-mail: sigmahingen@gmail.com
www.sigmahingen.com

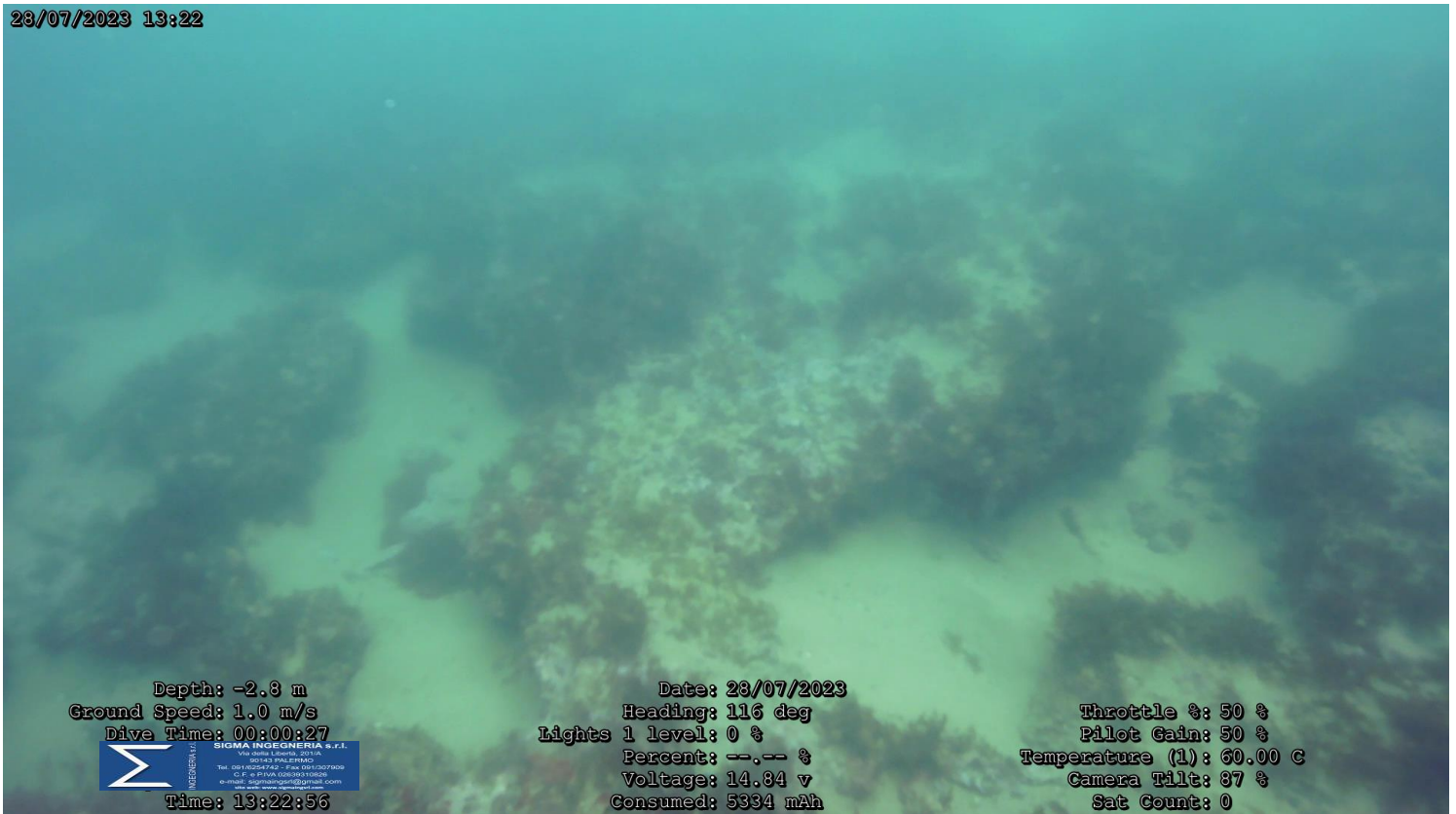
Date: 28/07/2023
Heading: 216 deg
Lights 1 level: 0 %
Percent: -- -- %
Voltage: 14.87 v
Consumed: 4761 mAh

Throttle %: 45 %
Pilot Gain: 50 %
Temperature (1): 60.20 C
Camera Tilt: 87 %
Sat Count: 0

22.2

Punto 23

28/07/2023 13:22



23.1

28/07/2023 13:23



23.2

Punto 24

28/07/2023 13:27



Depth: -1.8 m
Ground Speed: 2.3 m/s
Dive Time: 00:00:17
Time: 13:27:34

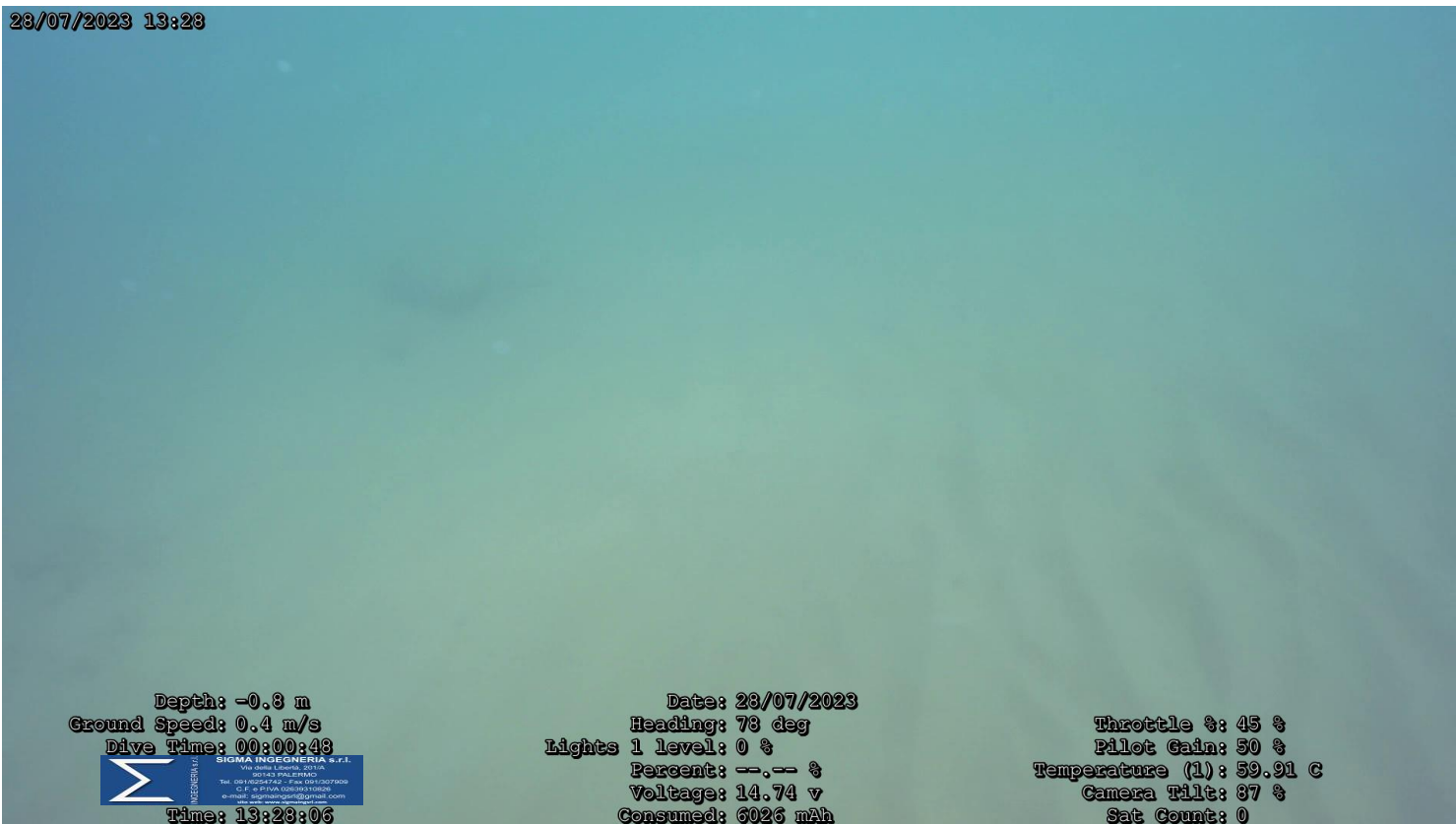
 SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50143 PISA (PI) - Italy
Tel. 051 4024762 - Fax 051 307900
C.F. e P.IVA 03069131009
e-mail: sigmaingn@gmail.com
www.sigmaingn.com

Date: 28/07/2023
Heading: 67 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 14.56 v
Consumed: 5929 mAh

Throttle %: 75 %
Pilot Gain: 50 %
Temperature (1): 59.77 C
Camera Tilt: 87 %
Sat Count: 0

24.1

28/07/2023 13:28



Depth: -0.8 m
Ground Speed: 0.4 m/s
Dive Time: 00:00:48
Time: 13:28:06

 SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50143 PISA (PI) - Italy
Tel. 051 4024762 - Fax 051 307900
C.F. e P.IVA 03069131009
e-mail: sigmaingn@gmail.com
www.sigmaingn.com

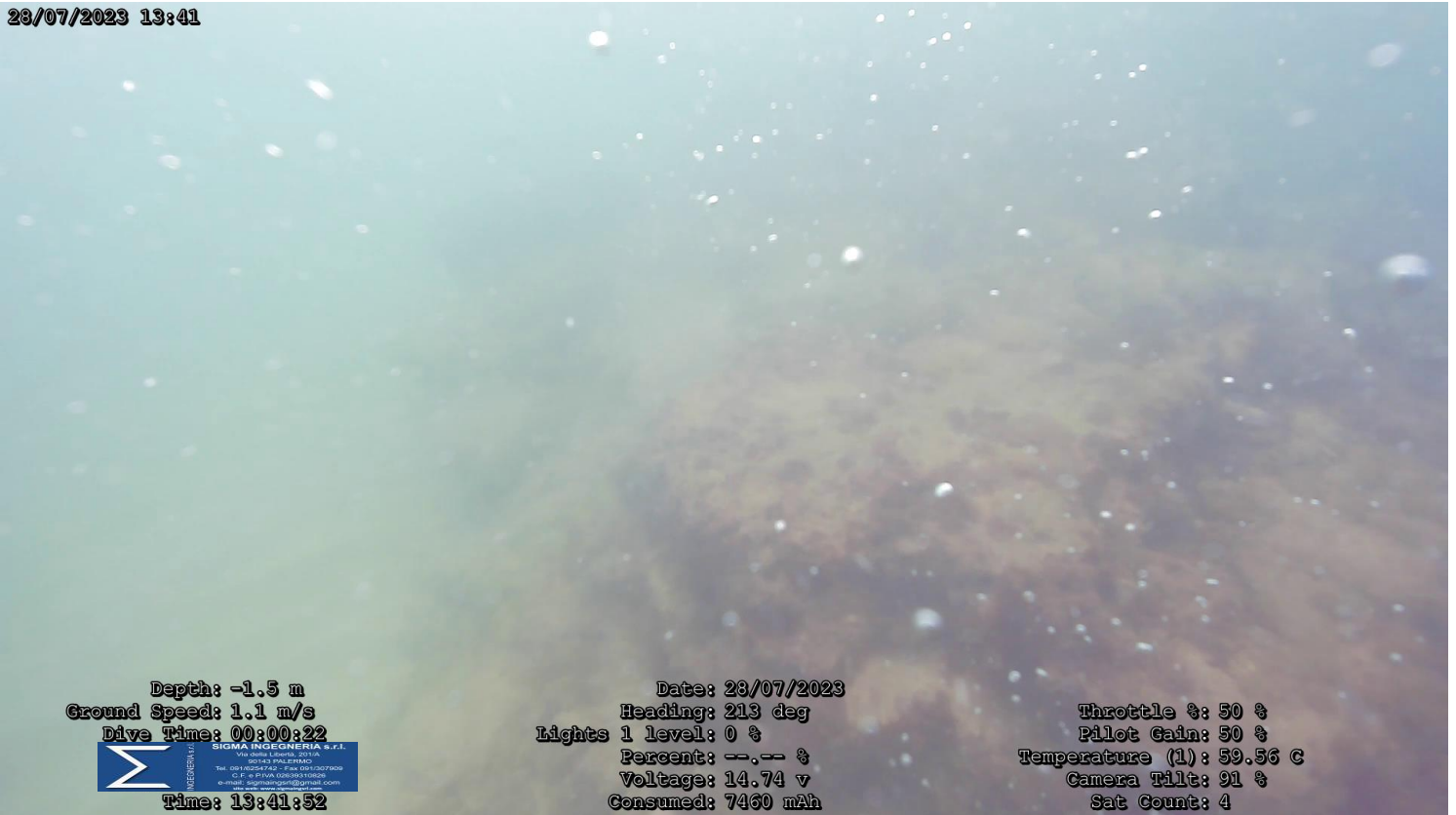
Date: 28/07/2023
Heading: 78 deg
Lights 1 level: 0 %
Percent: --,-- %
Voltage: 14.74 v
Consumed: 6026 mAh

Throttle %: 45 %
Pilot Gain: 50 %
Temperature (1): 59.91 C
Camera Tilt: 87 %
Sat Count: 0

24.2

Punto 25

28/07/2023 13:41



Depth: -1.5 m
Ground Speed: 1.1 m/s
Dive Time: 00:00:22
Time: 13:41:52

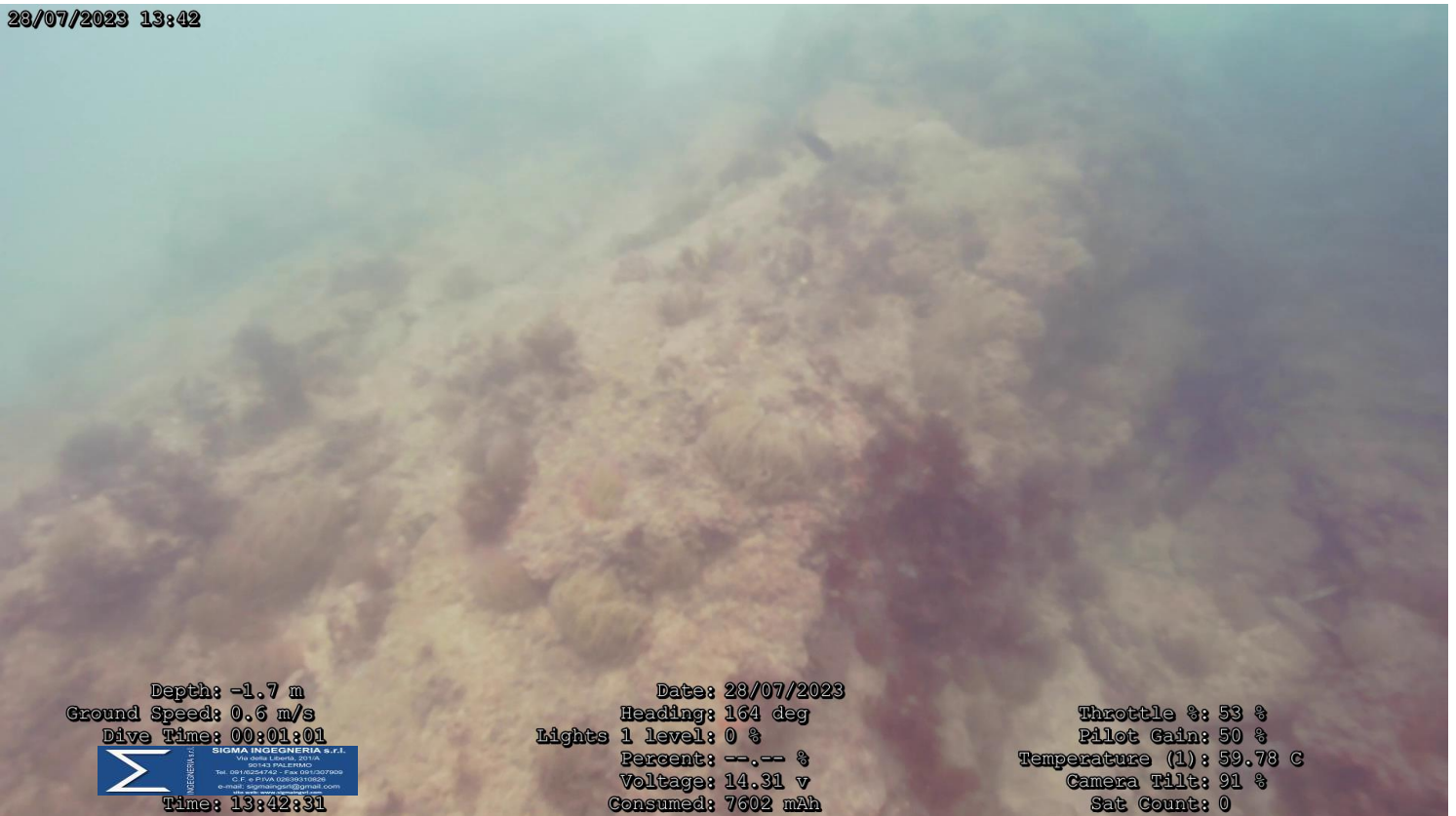
 SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50133 PISA (PI) - Italy
Tel. 051.4024762 - Fax 051.3007800
C.F. e P.IVA 03069131009
e-mail: sigmaingen@gmail.com
www.sigmaingen.com

Date: 28/07/2023
Heading: 213 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.74 v
Consumed: 7460 mAh

Throttle %: 50 %
Pilot Gain: 50 %
Temperature (1): 59.56 C
Camera Tilt: 91 %
Sat Count: 4

25.1

28/07/2023 13:42



Depth: -1.7 m
Ground Speed: 0.6 m/s
Dive Time: 00:01:01
Time: 13:42:31

 SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50133 PISA (PI) - Italy
Tel. 051.4024762 - Fax 051.3007800
C.F. e P.IVA 03069131009
e-mail: sigmaingen@gmail.com
www.sigmaingen.com

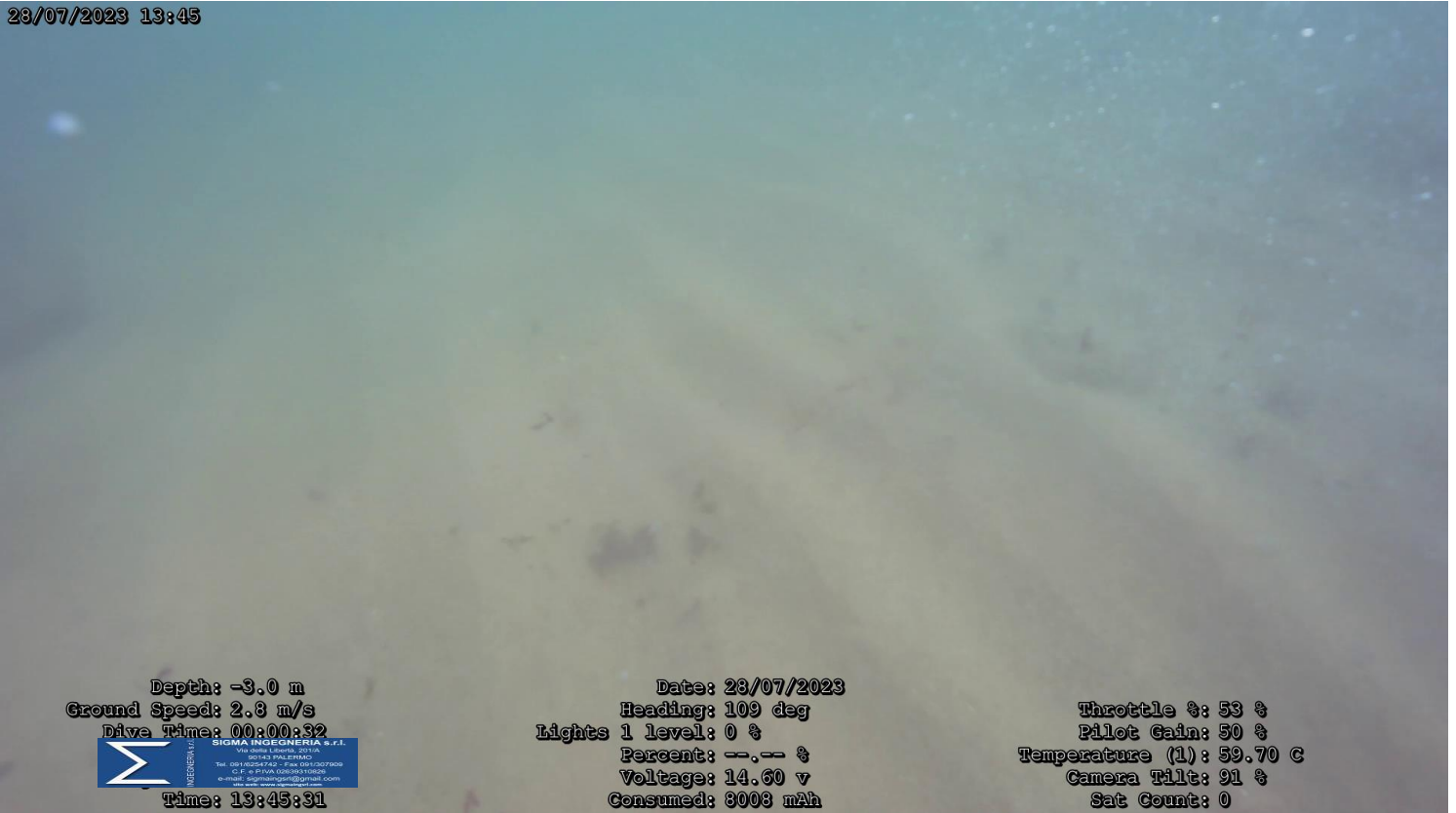
Date: 28/07/2023
Heading: 164 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.31 v
Consumed: 7602 mAh

Throttle %: 53 %
Pilot Gain: 50 %
Temperature (1): 59.78 C
Camera Tilt: 91 %
Sat Count: 0

25.2

Punto 26

28/07/2023 13:45



Depth: -3.0 m
Ground Speed: 2.8 m/s
Dive Time: 00:00:32
Time: 13:45:31



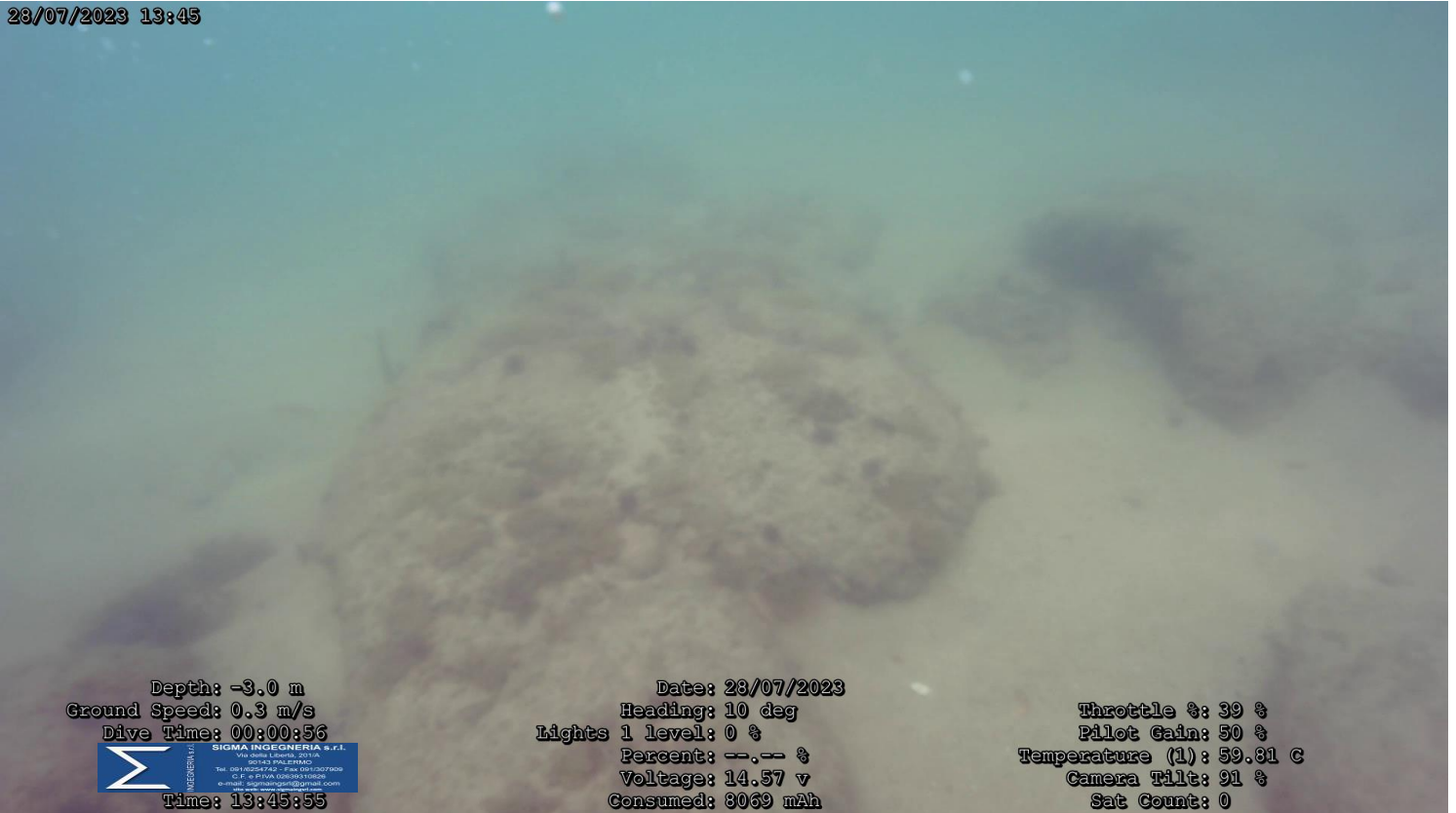
SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50143 PISA (PI) - Italy
Tel. 051.4024762 - Fax 051.4007800
C.F. e P.IVA 03040131049
e-mail: sigmaingegner@gmail.com
www.sigmaingegner.com

Date: 28/07/2023
Heading: 109 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.60 v
Consumed: 8008 mAh

Throttle %: 53 %
Pilot Gain: 50 %
Temperature (1): 59.70 C
Camera Tilt: 91 %
Sat Count: 0

26.1

28/07/2023 13:45



Depth: -3.0 m
Ground Speed: 0.3 m/s
Dive Time: 00:00:56
Time: 13:45:55



SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50143 PISA (PI) - Italy
Tel. 051.4024762 - Fax 051.4007800
C.F. e P.IVA 03040131049
e-mail: sigmaingegner@gmail.com
www.sigmaingegner.com

Date: 28/07/2023
Heading: 10 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.57 v
Consumed: 8069 mAh

Throttle %: 39 %
Pilot Gain: 50 %
Temperature (1): 59.81 C
Camera Tilt: 91 %
Sat Count: 0

26.2

Punto 27

28/07/2023 13:50



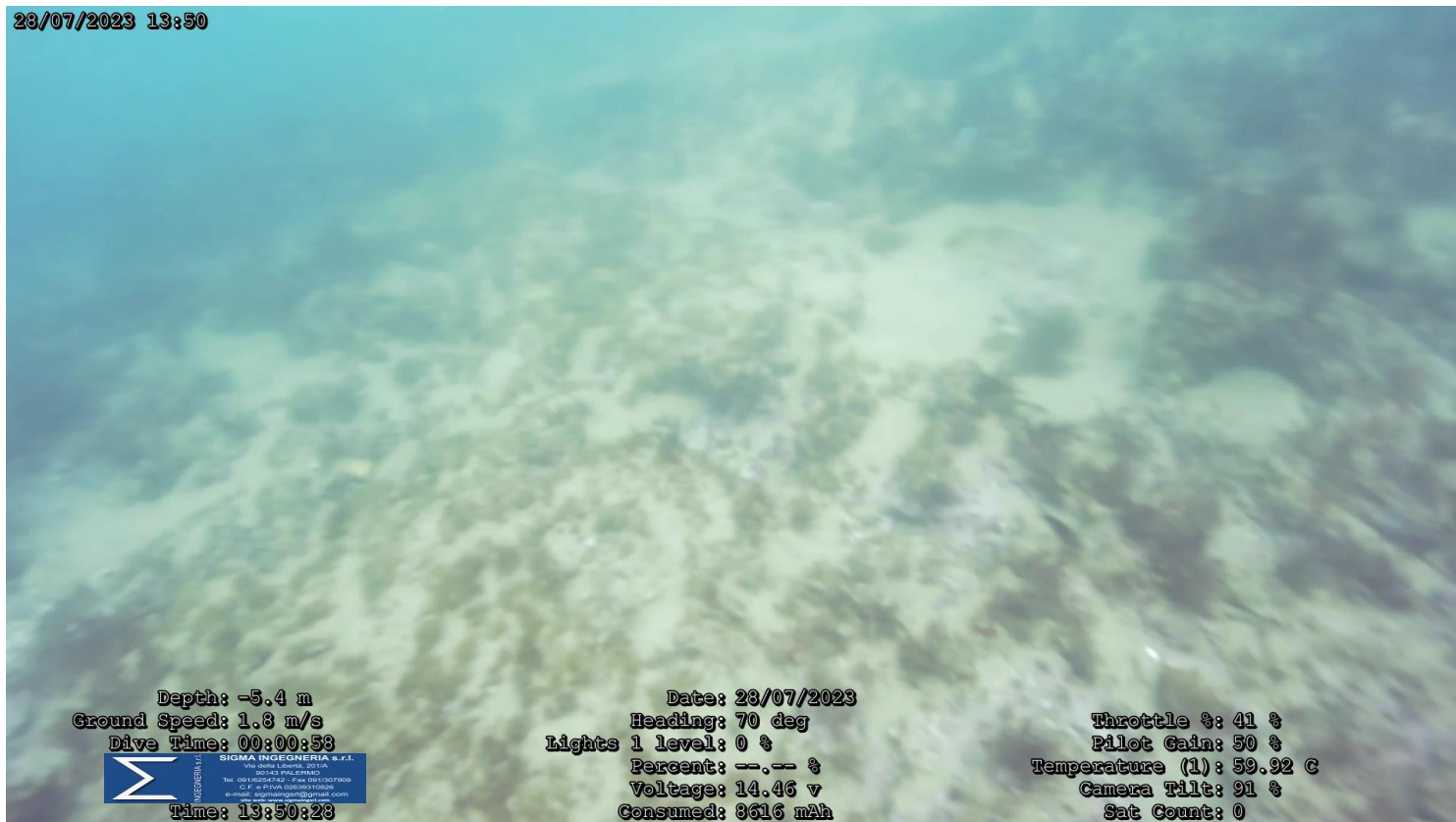
Depth: -4.9 m
Ground Speed: 1.5 m/s
Dive Time: 00:00:36
Time: 13:50:06

Date: 28/07/2023
Heading: 114 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.53 v
Consumed: 8570 mAh

Throttle %: 50 %
Pilot Gain: 50 %
Temperature (1): 59.83 C
Camera Tilt: 91 %
Sat Count: 0

27.1

28/07/2023 13:50



Depth: -5.4 m
Ground Speed: 1.8 m/s
Dive Time: 00:00:59
Time: 13:50:28

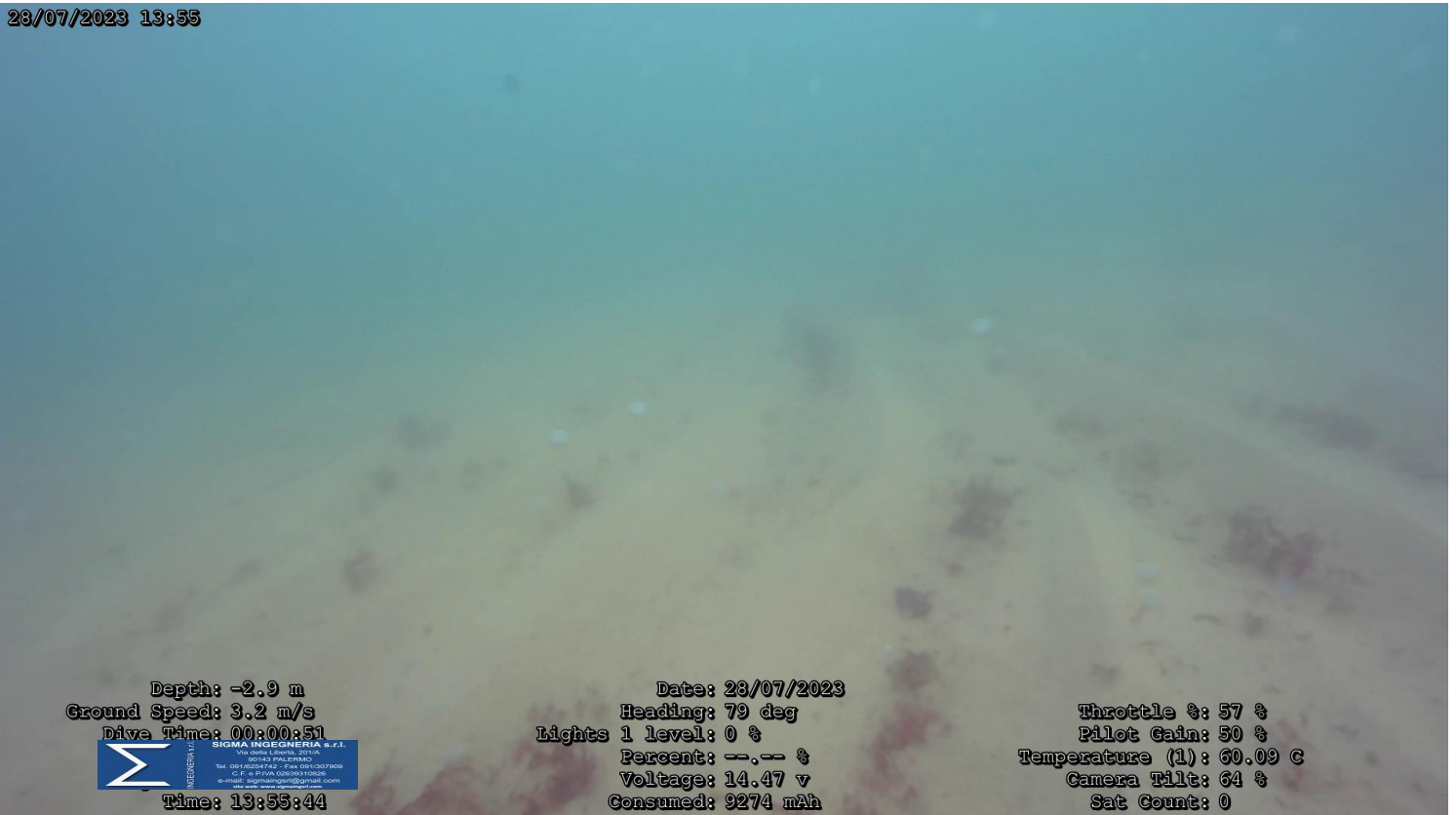
Date: 28/07/2023
Heading: 70 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.46 v
Consumed: 8616 mAh

Throttle %: 41 %
Pilot Gain: 50 %
Temperature (1): 59.92 C
Camera Tilt: 91 %
Sat Count: 0

27.2

Punto 28

28/07/2023 13:55



Depth: -2.9 m
Ground Speed: 3.2 m/s
Dive Time: 00:00:51



SIGMA INGENIERIA s.r.l.
Via della Libertà, 207/A
50133 PALERMO
Tel. 091 8254762 - Fax 091 307926
C.F. e P.IVA 03090310826
e-mail: sigmaingenier@gmail.com
www.sigmaingenier.com

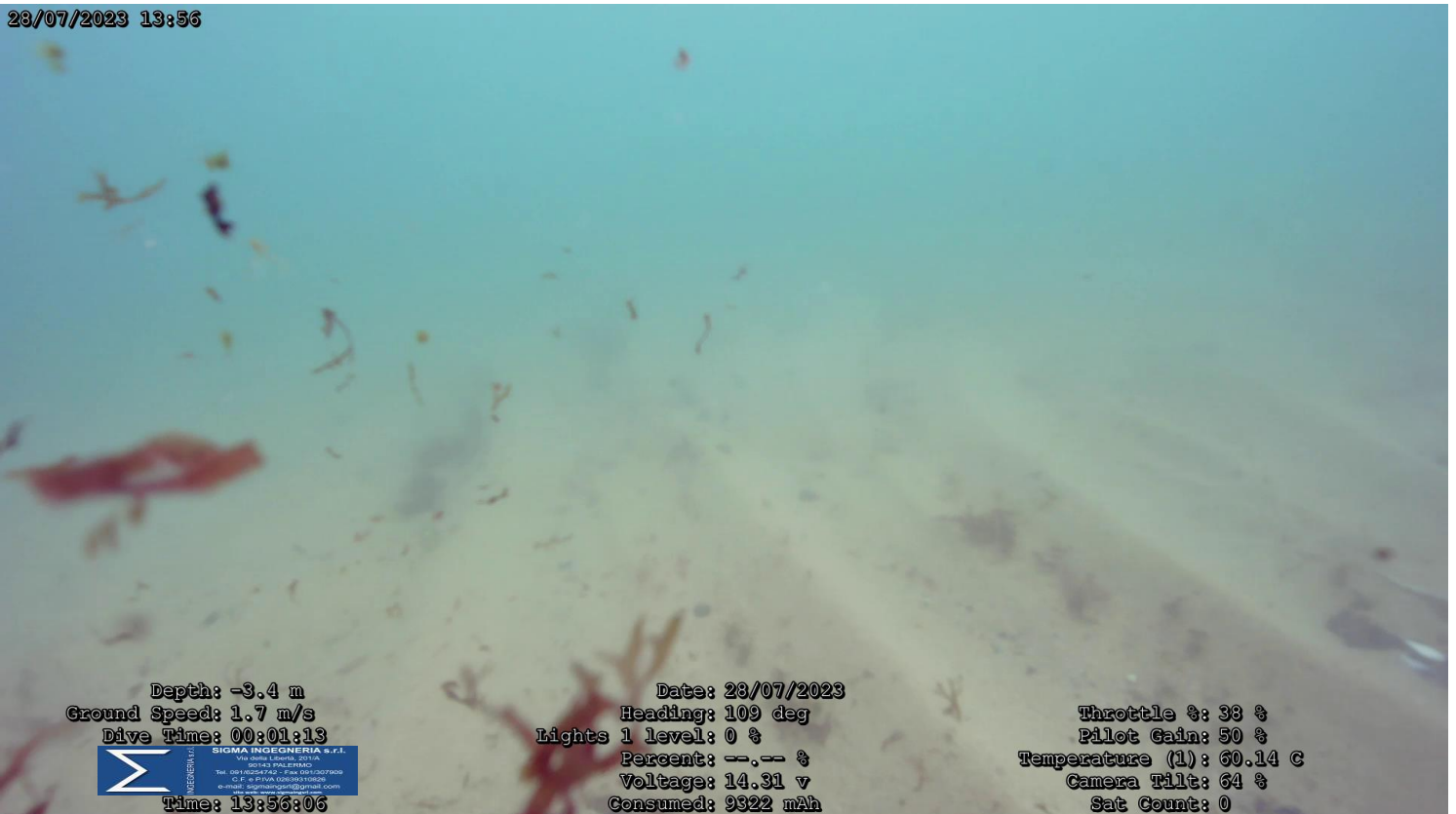
Time: 13:55:44

Date: 28/07/2023
Heading: 79 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.47 v
Consumed: 9274 mAh

Throttle %: 57 %
Pilot Gain: 50 %
Temperature (1): 60.09 C
Camera Tilt: 64 %
Sat Count: 0

28.1

28/07/2023 13:56



Depth: -3.4 m
Ground Speed: 1.7 m/s
Dive Time: 00:01:13



SIGMA INGENIERIA s.r.l.
Via della Libertà, 207/A
50133 PALERMO
Tel. 091 8254762 - Fax 091 307926
C.F. e P.IVA 03090310826
e-mail: sigmaingenier@gmail.com
www.sigmaingenier.com

Time: 13:56:06

Date: 28/07/2023
Heading: 109 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.31 v
Consumed: 9322 mAh

Throttle %: 38 %
Pilot Gain: 50 %
Temperature (1): 60.14 C
Camera Tilt: 64 %
Sat Count: 0

28.2

Punto 29

23/07/2023 14:00



29.1

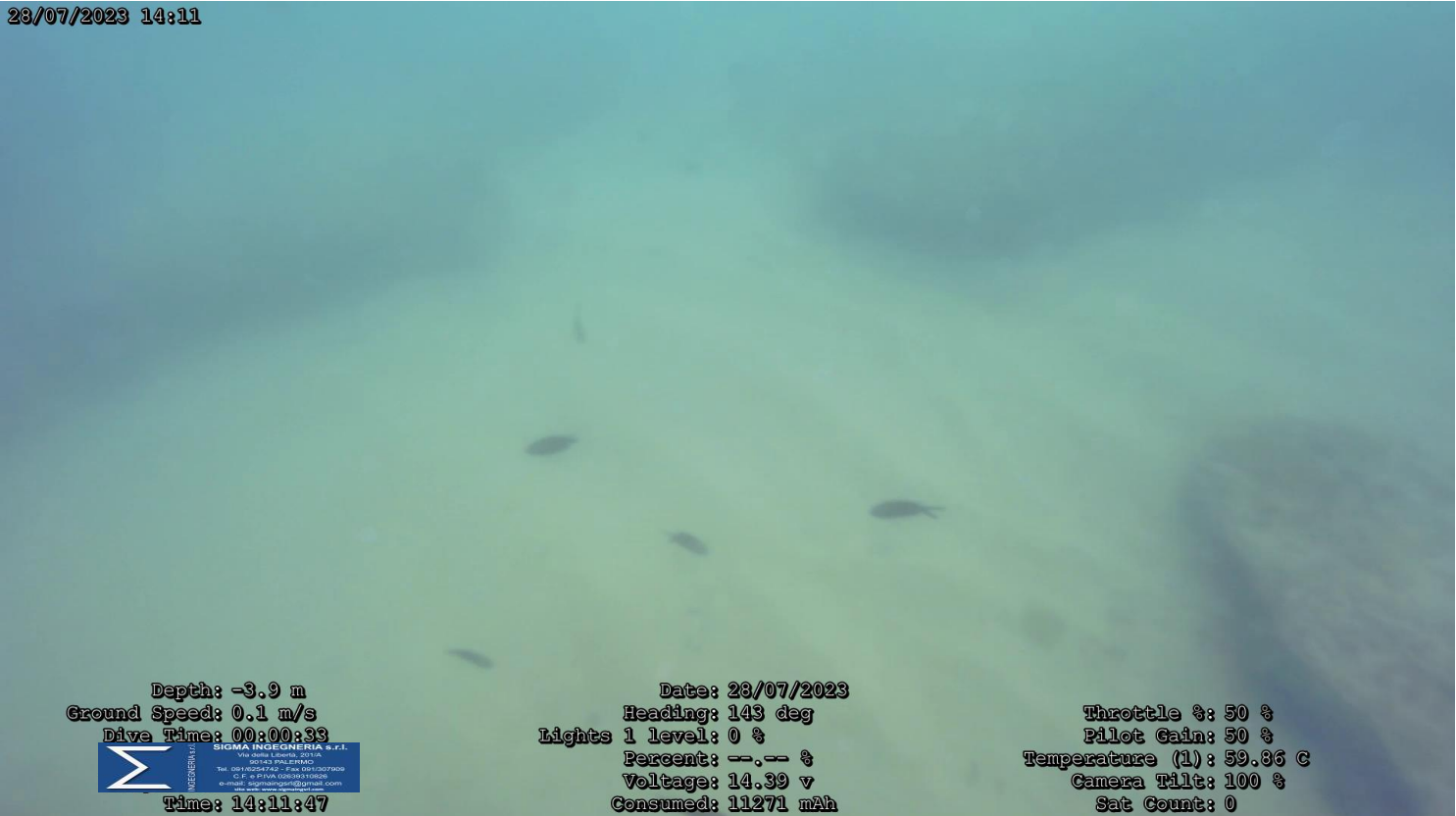
23/07/2023 14:01



29.2

Punto 30

28/07/2023 14:11



Depth: -3.9 m
Ground Speed: 0.1 m/s
Dive Time: 00:00:39
Time: 14:11:47



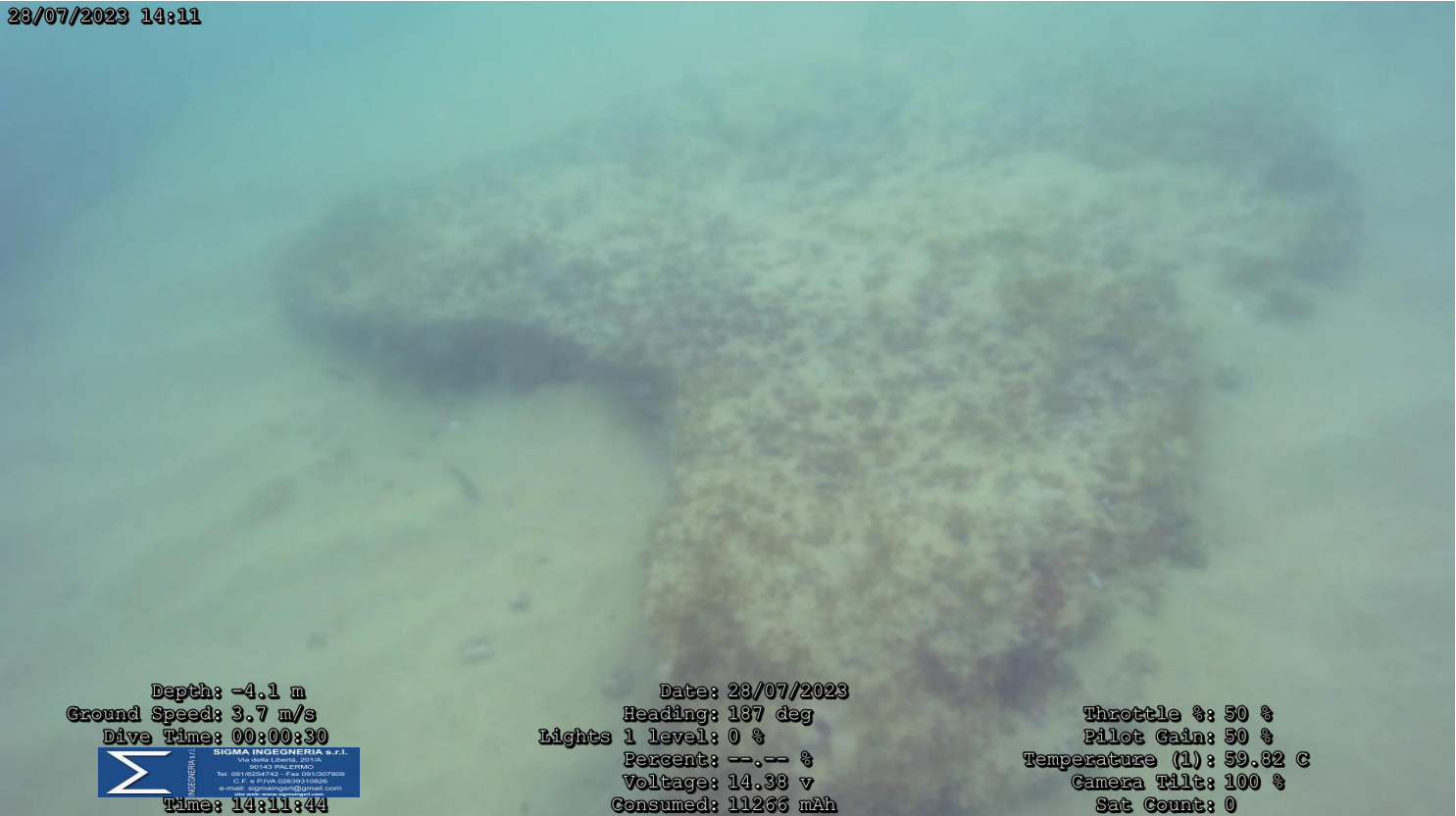
SIGMA INGENIERIA s.r.l.
Via della Libertà, 207/A
50143 PISA (PI) - Italy
Tel. 051.4024762 - Fax 051.4007900
C.F. e P.IVA 03090310500
e-mail: sigmahangar@gmail.com
www.sigmahangar.com

Date: 28/07/2023
Heading: 143 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.39 v
Consumed: 11271 mAh

Throttle %: 50 %
Pilot Gain: 50 %
Temperature (1): 59.86 C
Camera Tilt: 100 %
Sat Count: 0

30.1

28/07/2023 14:11



Depth: -4.1 m
Ground Speed: 3.7 m/s
Dive Time: 00:00:30
Time: 14:11:44



SIGMA INGENIERIA s.r.l.
Via della Libertà, 207/A
50143 PISA (PI) - Italy
Tel. 051.4024762 - Fax 051.4007900
C.F. e P.IVA 03090310500
e-mail: sigmahangar@gmail.com
www.sigmahangar.com

Date: 28/07/2023
Heading: 137 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.38 v
Consumed: 11266 mAh

Throttle %: 50 %
Pilot Gain: 50 %
Temperature (1): 59.82 C
Camera Tilt: 100 %
Sat Count: 0

30.2

Punto 31

28/07/2023 14:15

Depth: -2.5 m
Ground Speed: 0.4 m/s
Dive Time: 00:01:00
Time: 14:15:38



SIGMA INGEGNERIA s.r.l.
Via della Libertà, 201/A
50133 PALERMO
Tel. 091 8254762 - Fax 091 3207828
C.F. e P.IVA 03090190928
e-mail: sigmahangin@gmail.com
www.sigmahangin.com

Date: 28/07/2023
Heading: 351 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.37 v
Consumed: 11731 mAh

Throttle %: 40 %
Pilot Gain: 50 %
Temperature (1): 59.92 C
Camera Tilt: 80 %
Sat Count: 0

31.1

28/07/2023 14:15

Depth: -2.3 m
Ground Speed: 0.8 m/s
Dive Time: 00:00:48
Time: 14:15:26



SIGMA INGEGNERIA s.r.l.
Via della Libertà, 201/A
50133 PALERMO
Tel. 091 8254762 - Fax 091 3207828
C.F. e P.IVA 03090190928
e-mail: sigmahangin@gmail.com
www.sigmahangin.com

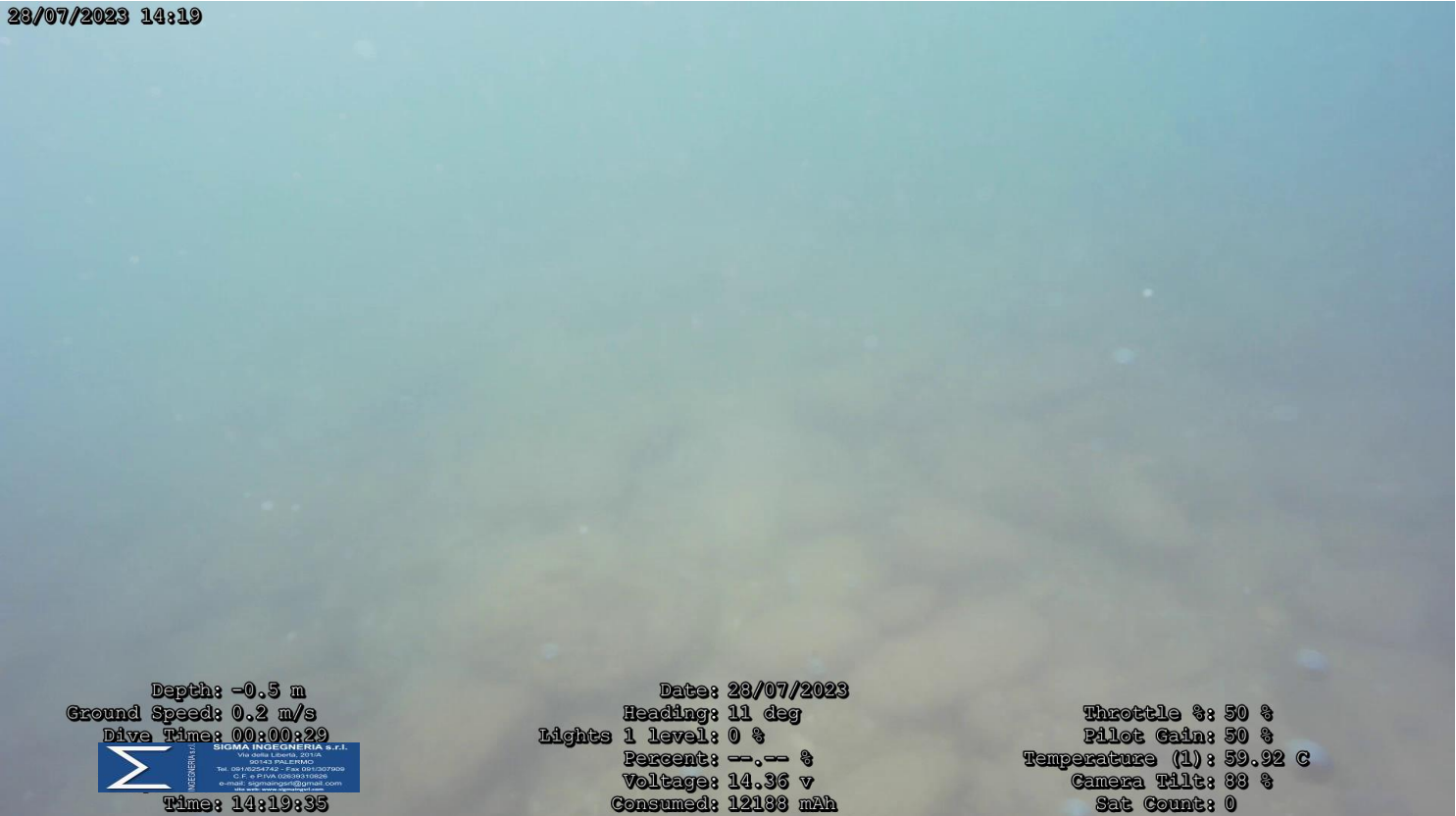
Date: 28/07/2023
Heading: 233 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.33 v
Consumed: 11705 mAh

Throttle %: 47 %
Pilot Gain: 50 %
Temperature (1): 59.92 C
Camera Tilt: 100 %
Sat Count: 0

31.2

Punto 32

28/07/2023 14:19



Depth: -0.5 m
Ground Speed: 0.2 m/s
Dive Time: 00:00:29
Time: 14:19:35

Date: 28/07/2023
Heading: 11 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.36 v
Consumed: 12188 mAh

Throttle %: 50 %
Pilot Gain: 50 %
Temperature (1): 59.92 C
Camera Tilt: 88 %
Sat Count: 0

32.1

28/07/2023 14:19



Depth: -1.0 m
Ground Speed: 0.9 m/s
Dive Time: 00:00:40
Time: 14:19:46

Date: 28/07/2023
Heading: 142 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.35 v
Consumed: 12215 mAh

Throttle %: 50 %
Pilot Gain: 50 %
Temperature (1): 59.98 C
Camera Tilt: 88 %
Sat Count: 0

32.2

Punto 33

23/07/2023 14:39



Depth: -5.3 m
Ground Speed: 1.2 m/s
Dive Time: 00:00:28
Time: 14:39:45

SIGMA INGENIERIA s.r.l.
Via della Libertà, 20/A
50133 PALERMO
Tel. 091.8254762 - Fax 091.307969
C.F. e P.IVA 03090390909
e-mail: sgmhangin@gmail.com
www.sigmahangin.com

Date: 23/07/2023
Heading: 65 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 15.19 v
Consumed: 1219 mAh

Throttle %: 34 %
Pilot Gain: 50 %
Temperature (1): 61.89 C
Camera Tilt: 91 %
Sat Count: 0

33.1

23/07/2023 14:40



Depth: -5.2 m
Ground Speed: 2.1 m/s
Dive Time: 00:00:50
Time: 14:40:07

SIGMA INGENIERIA s.r.l.
Via della Libertà, 20/A
50133 PALERMO
Tel. 091.8254762 - Fax 091.307969
C.F. e P.IVA 03090390909
e-mail: sgmhangin@gmail.com
www.sigmahangin.com

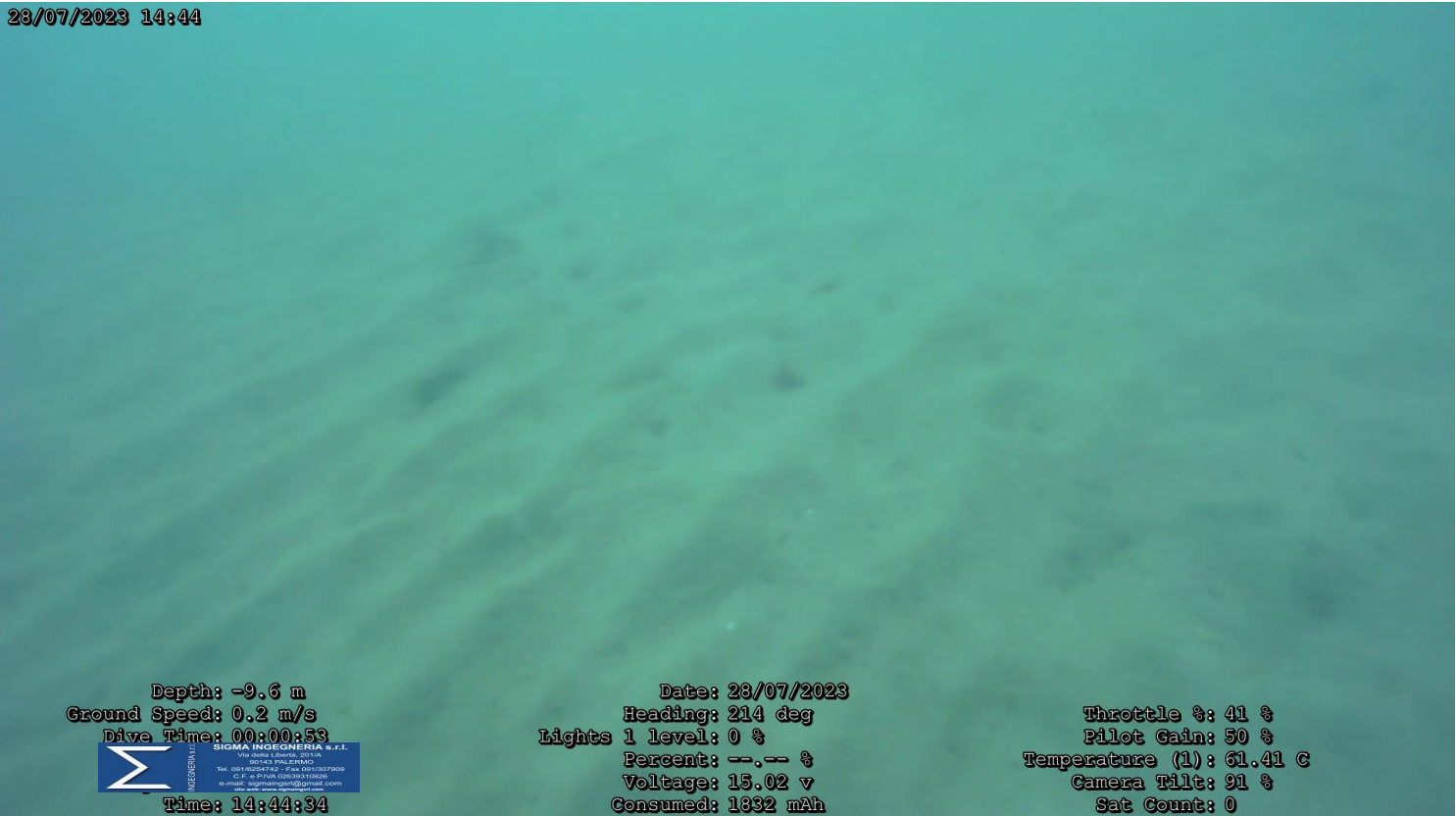
Date: 23/07/2023
Heading: 312 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 15.18 v
Consumed: 1267 mAh

Throttle %: 33 %
Pilot Gain: 50 %
Temperature (1): 61.92 C
Camera Tilt: 91 %
Sat Count: 0

33.2

Punto 34

28/07/2023 14:44



34.1

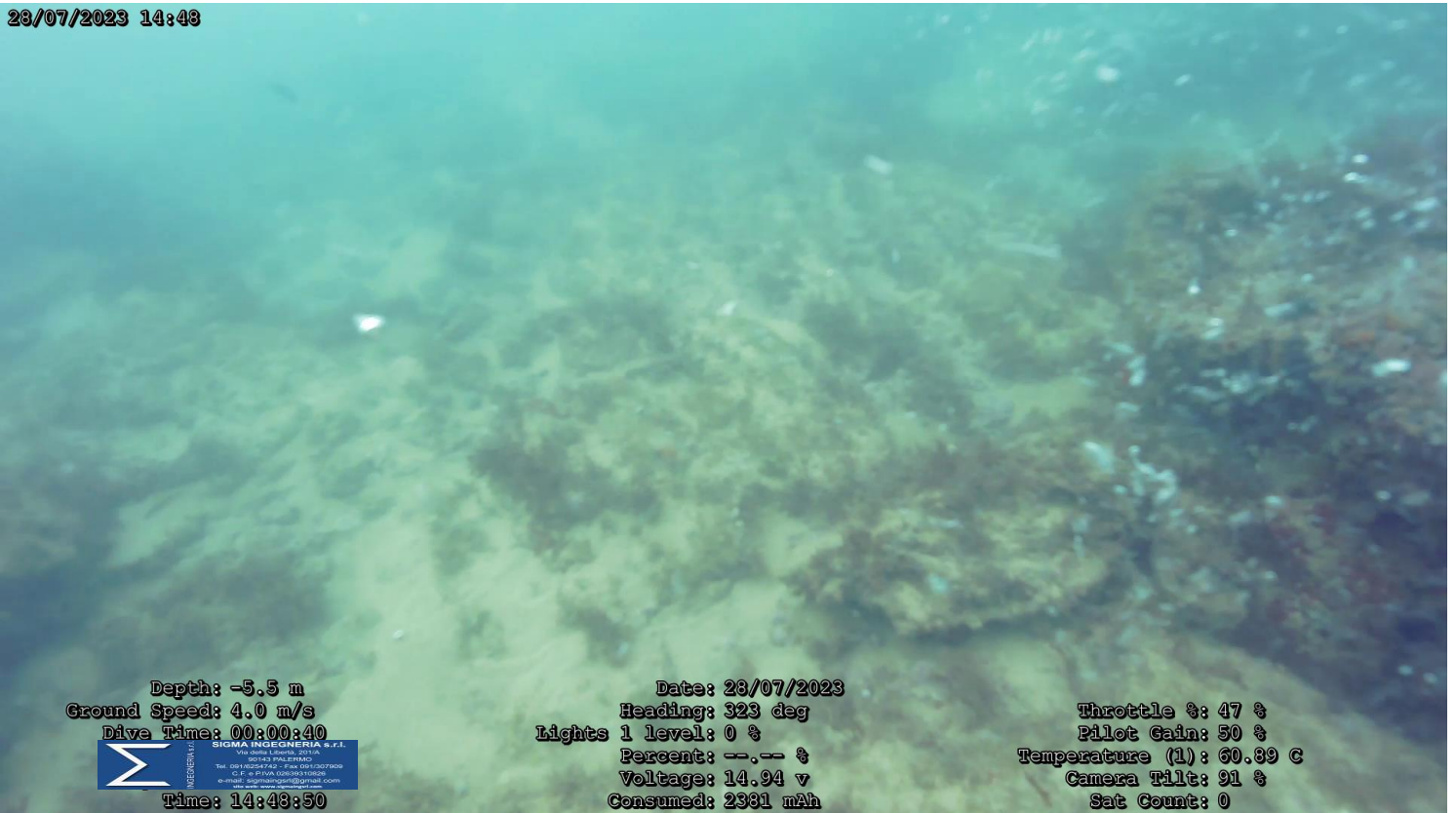
28/07/2023 14:44



34.2

Punto 35

23/07/2023 14:48



Depth: -5.5 m
Ground Speed: 4.0 m/s
Dive Time: 00:00:40
Time: 14:48:50



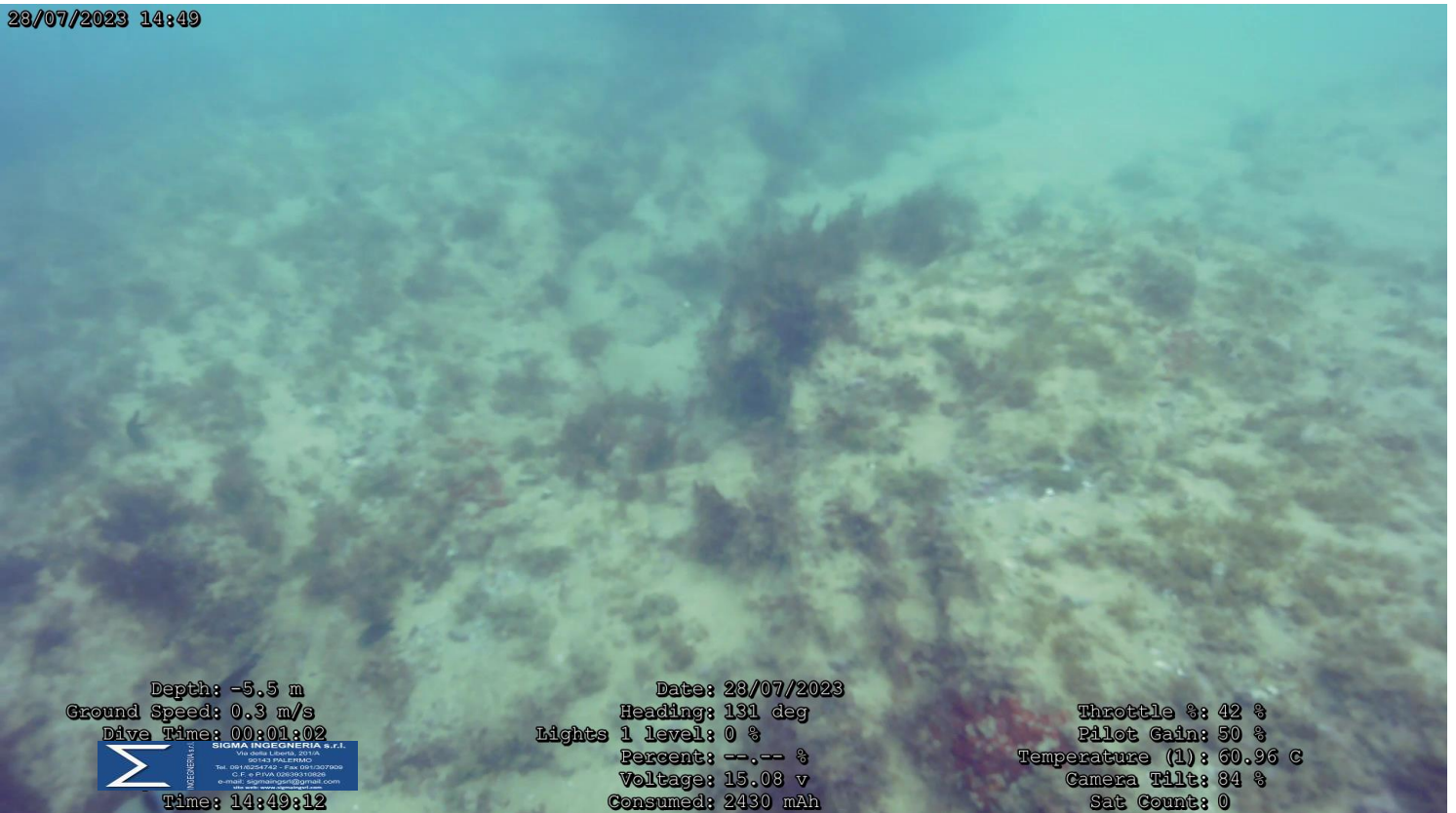
SIGMA INGENIERIA s.r.l.
Via della Libertà, 207/A
50133 PISA (PI) - Italy
Tel. 051.4024762 - Fax 051.4007620
C.F. e P.IVA 03094330506
e-mail: sigmaingen@sigma.com
www.sigmaitalia.com

Date: 23/07/2023
Heading: 323 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.94 v
Consumed: 2381 mAh

Throttle %: 47 %
Pilot Gain: 50 %
Temperature (1): 60.89 C
Camera Tilt: 91 %
Sat Count: 0

35.1

23/07/2023 14:49



Depth: -5.5 m
Ground Speed: 0.3 m/s
Dive Time: 00:01:02
Time: 14:49:12



SIGMA INGENIERIA s.r.l.
Via della Libertà, 207/A
50133 PISA (PI) - Italy
Tel. 051.4024762 - Fax 051.4007620
C.F. e P.IVA 03094330506
e-mail: sigmaingen@sigma.com
www.sigmaitalia.com

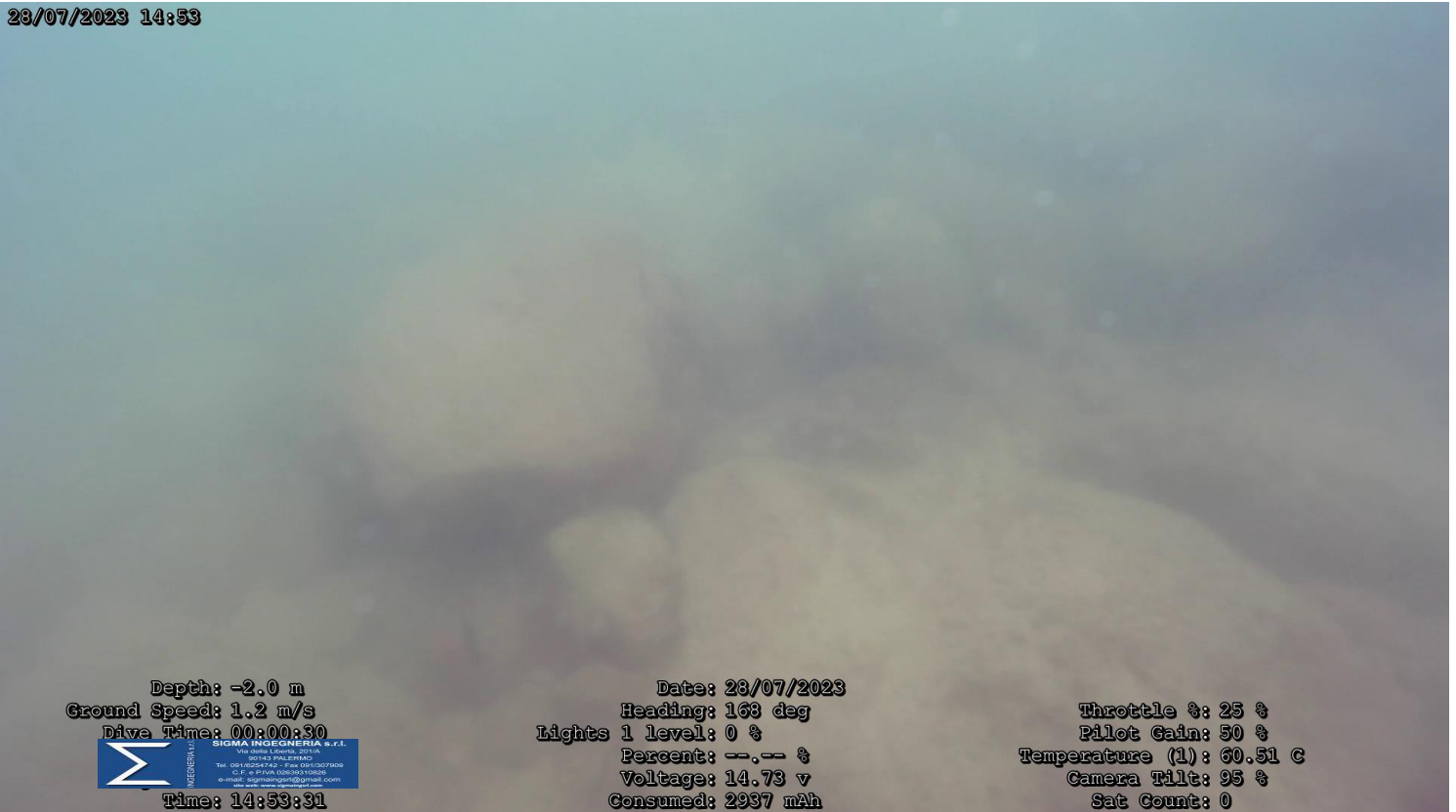
Date: 23/07/2023
Heading: 131 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 15.08 v
Consumed: 2430 mAh

Throttle %: 42 %
Pilot Gain: 50 %
Temperature (1): 60.96 C
Camera Tilt: 84 %
Sat Count: 0

35.2

Punto 36

28/07/2023 14:53



36.1

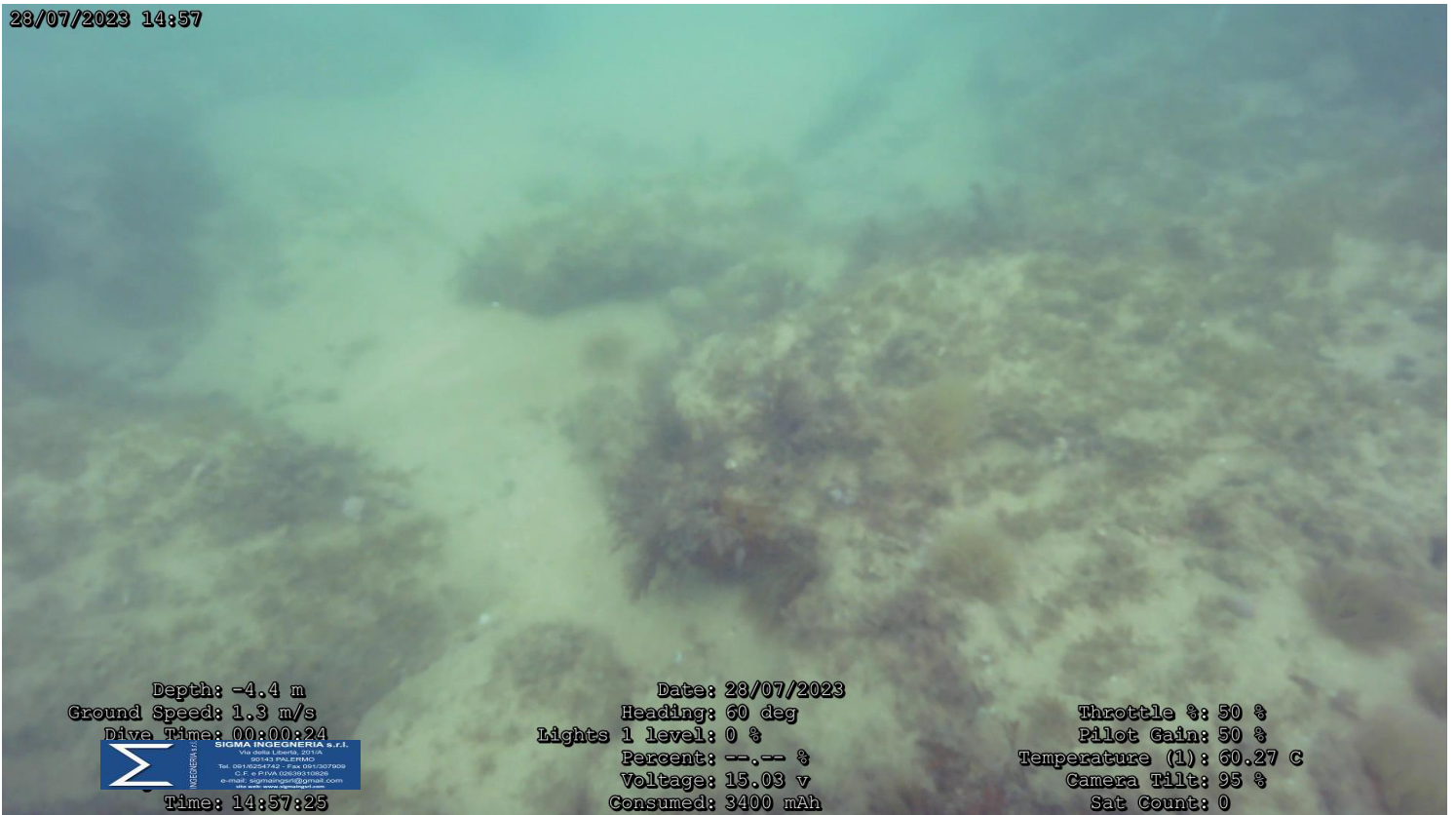
28/07/2023 14:53



36.2

Punto 37

28/07/2023 14:57



Depth: -4.4 m
Ground Speed: 1.3 m/s
Dive Time: 00:00:24
Time: 14:57:25



SIGMA INGENIERIA s.r.l.
Via della Libertà, 201/A
50133 PISA (PI) - Italy
Tel. 051.4024762 - Fax 051.4027828
C.F. e P.IVA 03090310506
e-mail: sigmaingenier@gmail.com
www.sigmaitalia.com

Date: 28/07/2023
Heading: 60 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 15.03 v
Consumed: 3400 mAh

Throttle %: 50 %
Pilot Gain: 50 %
Temperature (1): 60.27 C
Camera Tilt: 95 %
Sat Count: 0

37.1

28/07/2023 14:57



Depth: -4.4 m
Ground Speed: 1.7 m/s
Dive Time: 00:00:35
Time: 14:57:36



SIGMA INGENIERIA s.r.l.
Via della Libertà, 201/A
50133 PISA (PI) - Italy
Tel. 051.4024762 - Fax 051.4027828
C.F. e P.IVA 03090310506
e-mail: sigmaingenier@gmail.com
www.sigmaitalia.com

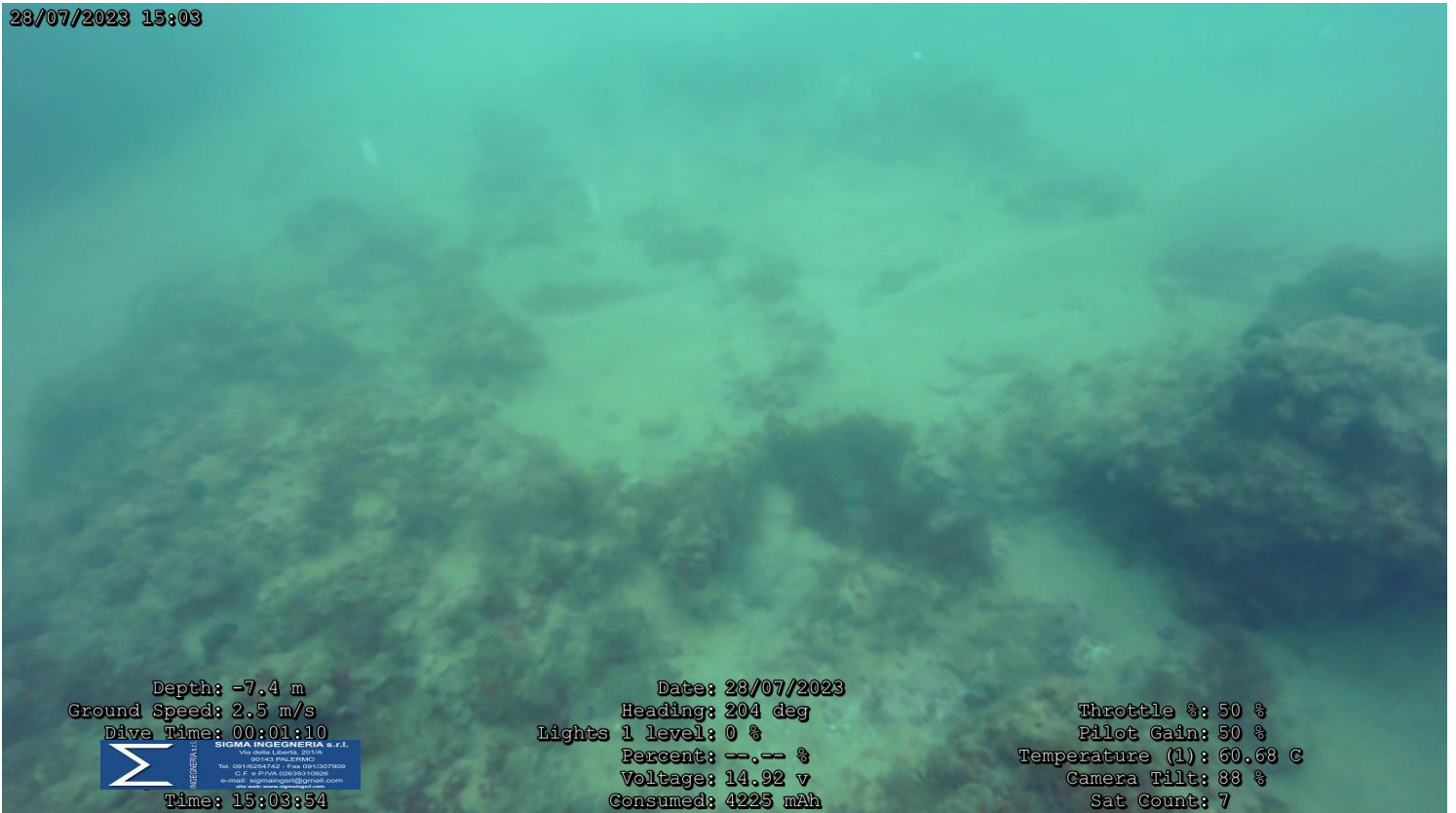
Date: 28/07/2023
Heading: 209 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 15.02 v
Consumed: 3424 mAh

Throttle %: 41 %
Pilot Gain: 50 %
Temperature (1): 60.37 C
Camera Tilt: 84 %
Sat Count: 0

37.2

Punto 38

28/07/2023 15:03



Depth: -7.4 m
Ground Speed: 2.5 m/s
Dive Time: 00:01:10
Time: 15:03:54



SIGMA INGEGNERIA s.r.l.
Via della Libertà, 201/A
50143 PISA (PI) - Italy
Tel. 051.4254762 - Fax 051.4207826
C.F. e P.IVA 03059310500
e-mail: sigmaingegneria@gmail.com
www.sigmaingegneria.com

Date: 28/07/2023
Heading: 204 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.92 v
Consumed: 4225 mAh

Throttle %: 50 %
Pilot Gain: 50 %
Temperature (1): 60.68 C
Camera Tilt: 88 %
Sat Count: 7

38.1

28/07/2023 15:04



Depth: -7.6 m
Ground Speed: 0.8 m/s
Dive Time: 00:01:43
Time: 15:04:27



SIGMA INGEGNERIA s.r.l.
Via della Libertà, 201/A
50143 PISA (PI) - Italy
Tel. 051.4254762 - Fax 051.4207826
C.F. e P.IVA 03059310500
e-mail: sigmaingegneria@gmail.com
www.sigmaingegneria.com

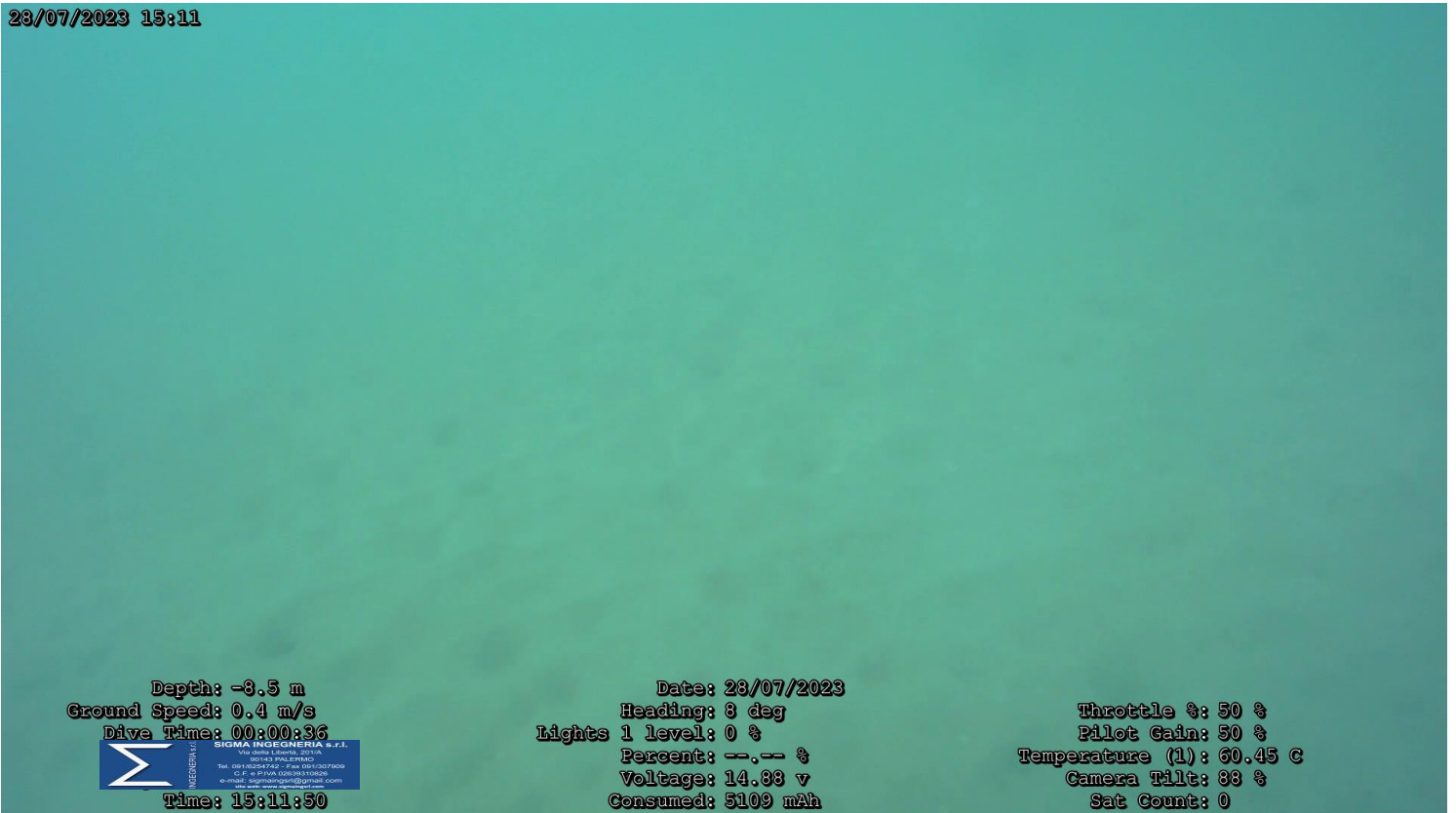
Date: 28/07/2023
Heading: 268 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.95 v
Consumed: 4294 mAh

Throttle %: 43 %
Pilot Gain: 50 %
Temperature (1): 60.76 C
Camera Tilt: 88 %
Sat Count: 0

38.2

Punto 39

28/07/2023 15:11



Depth: -3.5 m
Ground Speed: 0.4 m/s
Dive Time: 00:00:36
Time: 15:11:50



SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50133 PISA (PI) - Italy
Tel. 051.4254762 - Fax 051.307926
C.F. e P.IVA 03091310509
e-mail: sigmaingegner@gmail.com
www.sigmaingegner.com

Date: 28/07/2023
Heading: 8 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.88 v
Consumed: 5109 mAh

Throttle %: 50 %
Pilot Gain: 50 %
Temperature (1): 60.45 C
Camera Tilt: 88 %
Sat Count: 0

39.1

28/07/2023 15:12



Depth: -3.9 m
Ground Speed: 0.9 m/s
Dive Time: 00:01:07
Time: 15:12:22



SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50133 PISA (PI) - Italy
Tel. 051.4254762 - Fax 051.307926
C.F. e P.IVA 03091310509
e-mail: sigmaingegner@gmail.com
www.sigmaingegner.com

Date: 28/07/2023
Heading: 98 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.88 v
Consumed: 5188 mAh

Throttle %: 50 %
Pilot Gain: 50 %
Temperature (1): 60.46 C
Camera Tilt: 88 %
Sat Count: 0

39.2

Punto 40

28/07/2023 15:17

Depth: -7.3 m
Ground Speed: 1.9 m/s
Dive Time: 00:00:51



SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50143 PISA (PI) - Italy
Tel. 051.4254762 - Fax 051.307926
C.F. e P.IVA 03090310509
e-mail: sigmalingen@gmail.com
www.sigmalib.it

Time: 15:17:05

Date: 28/07/2023
Heading: 12 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.77 v
Consumed: 5759 mAh

Throttle %: 40 %
Pilot Gain: 50 %
Temperature (1): 60.33 C
Camera Tilt: 88 %
Sat Count: 0

40.1

28/07/2023 15:17

Depth: -7.3 m
Ground Speed: 1.5 m/s
Dive Time: 00:01:02



SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50143 PISA (PI) - Italy
Tel. 051.4254762 - Fax 051.307926
C.F. e P.IVA 03090310509
e-mail: sigmalingen@gmail.com
www.sigmalib.it

Time: 15:17:16

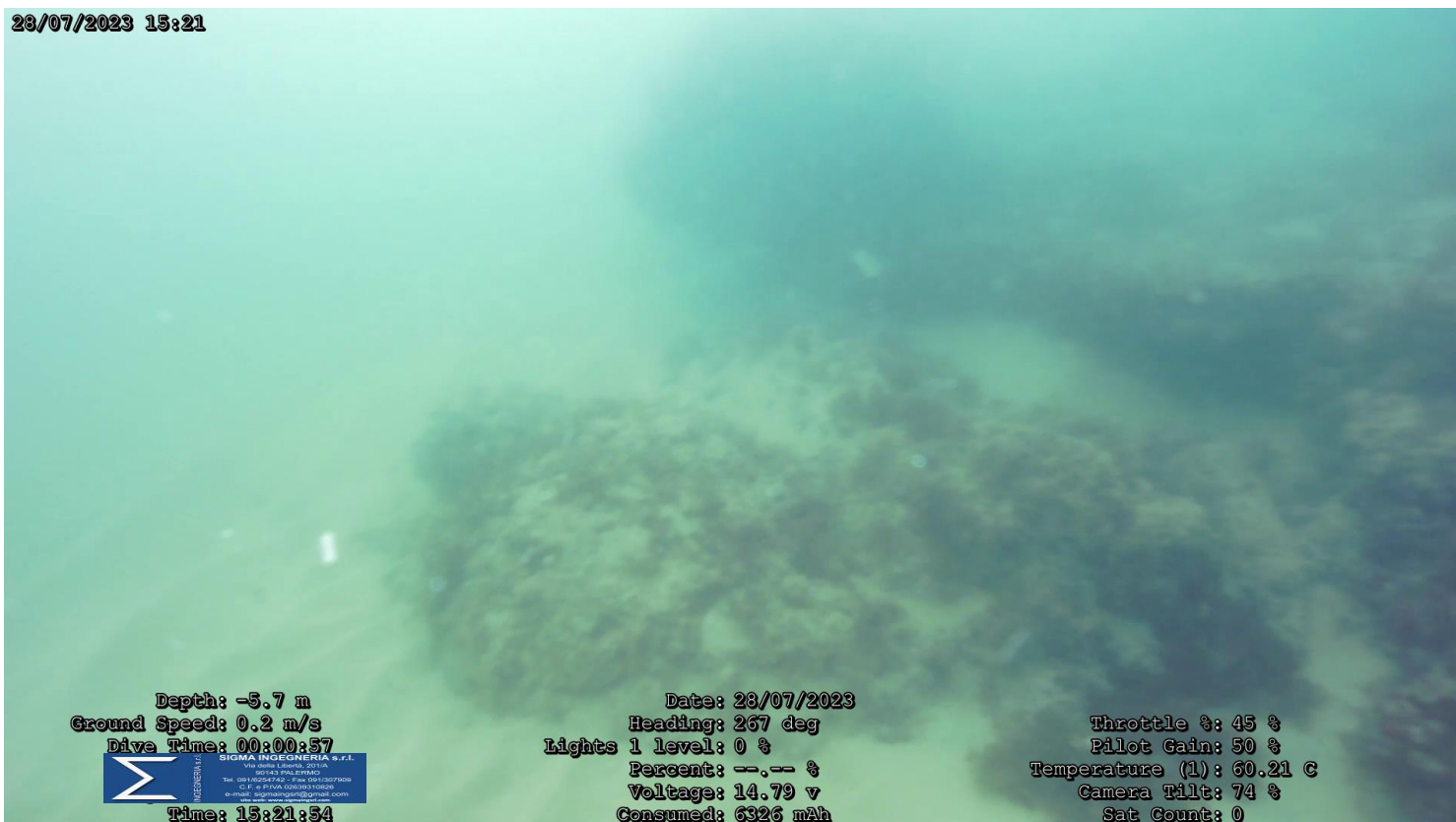
Date: 28/07/2023
Heading: 86 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.85 v
Consumed: 5780 mAh

Throttle %: 41 %
Pilot Gain: 50 %
Temperature (1): 60.31 C
Camera Tilt: 88 %
Sat Count: 0

40.2

Punto 41

28/07/2023 15:21



Depth: -5.7 m
Ground Speed: 0.2 m/s
Dive Time: 00:00:57
Time: 15:21:54



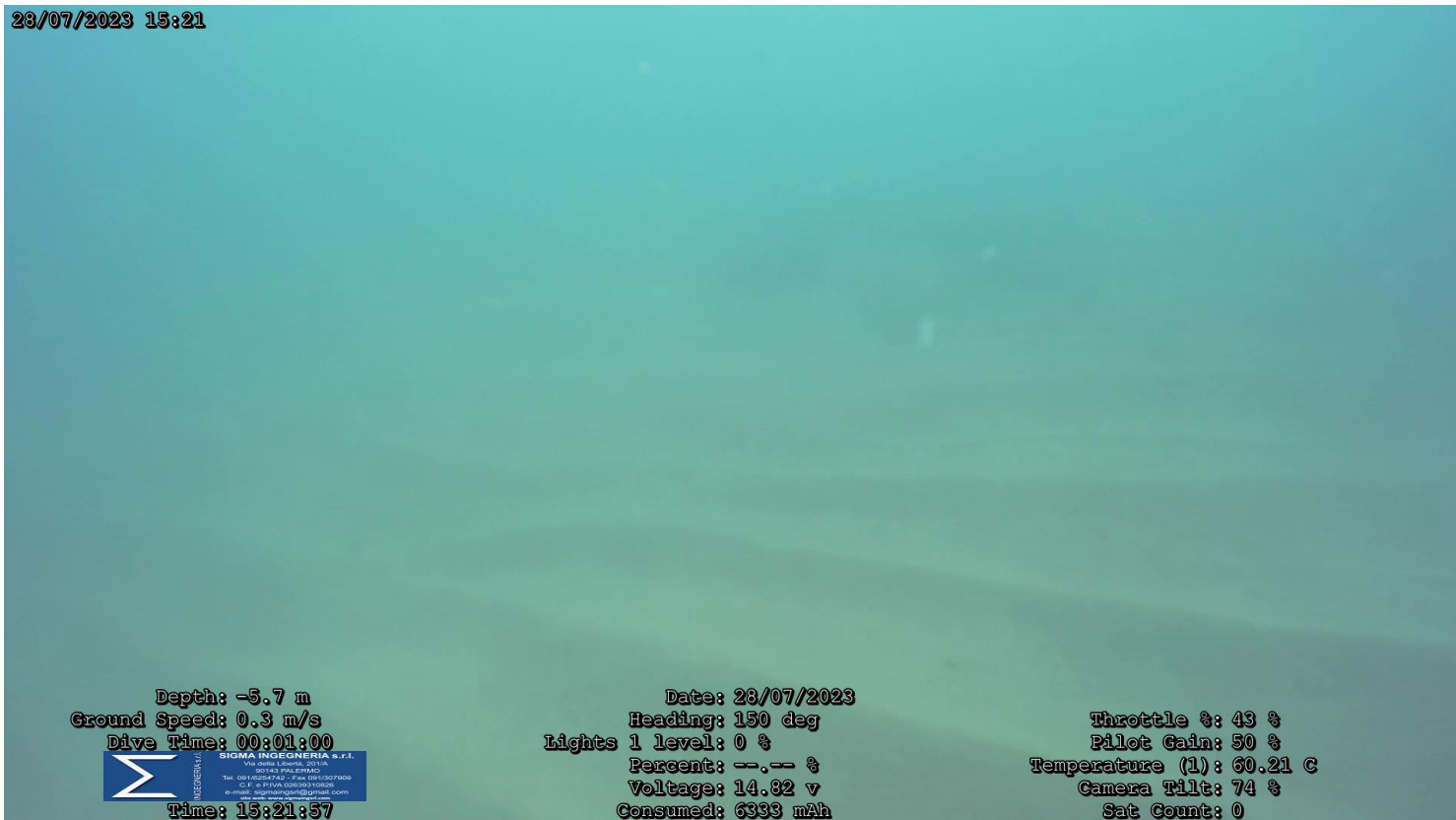
SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50143 PALERMO
Tel. 091 8254762 - Fax 091 3207926
C.F. e P.IVA 03091030926
e-mail: sigmaingen@gnmail.com
www.sigmaingen.com

Date: 28/07/2023
Heading: 267 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.79 v
Consumed: 6326 mAh

Throttle %: 45 %
Pilot Gain: 50 %
Temperature (1): 60.21 C
Camera Tilt: 74 %
Sat Count: 0

41.1

28/07/2023 15:21



Depth: -5.7 m
Ground Speed: 0.3 m/s
Dive Time: 00:01:00
Time: 15:21:57



SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50143 PALERMO
Tel. 091 8254762 - Fax 091 3207926
C.F. e P.IVA 03091030926
e-mail: sigmaingen@gnmail.com
www.sigmaingen.com

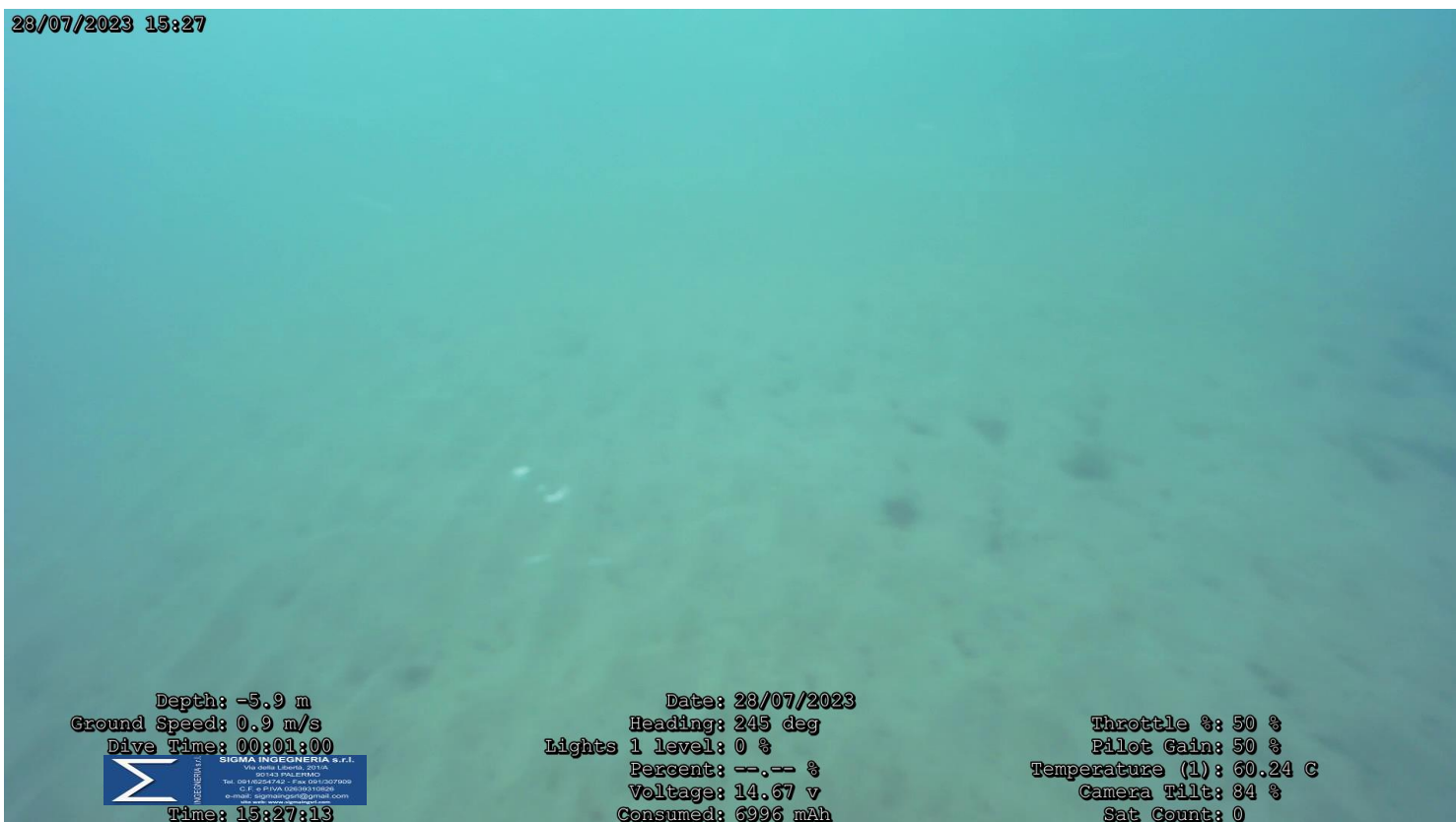
Date: 28/07/2023
Heading: 150 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.82 v
Consumed: 6333 mAh

Throttle %: 43 %
Pilot Gain: 50 %
Temperature (1): 60.21 C
Camera Tilt: 74 %
Sat Count: 0

41.2

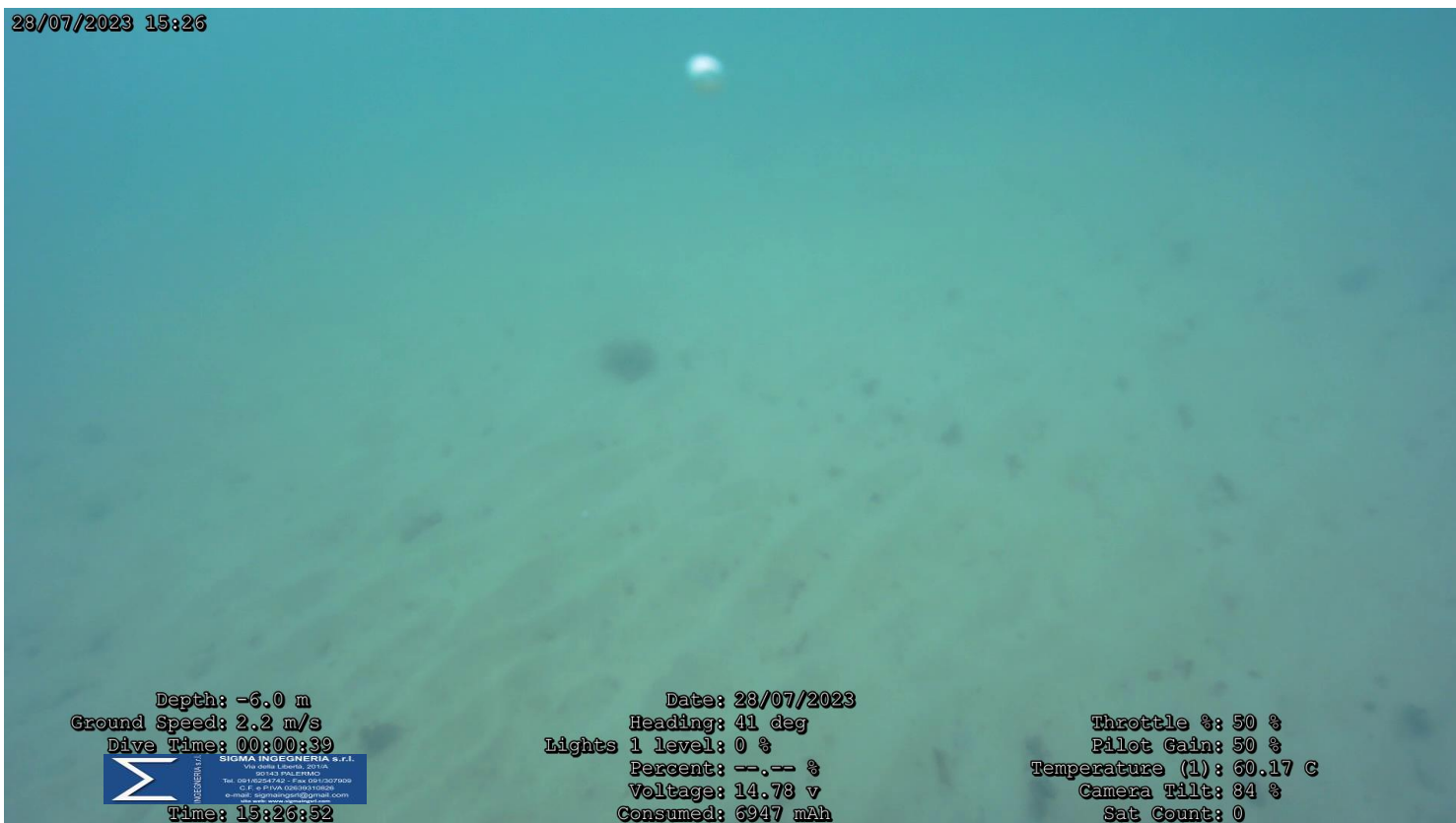
Punto 42

28/07/2023 15:27



42.1

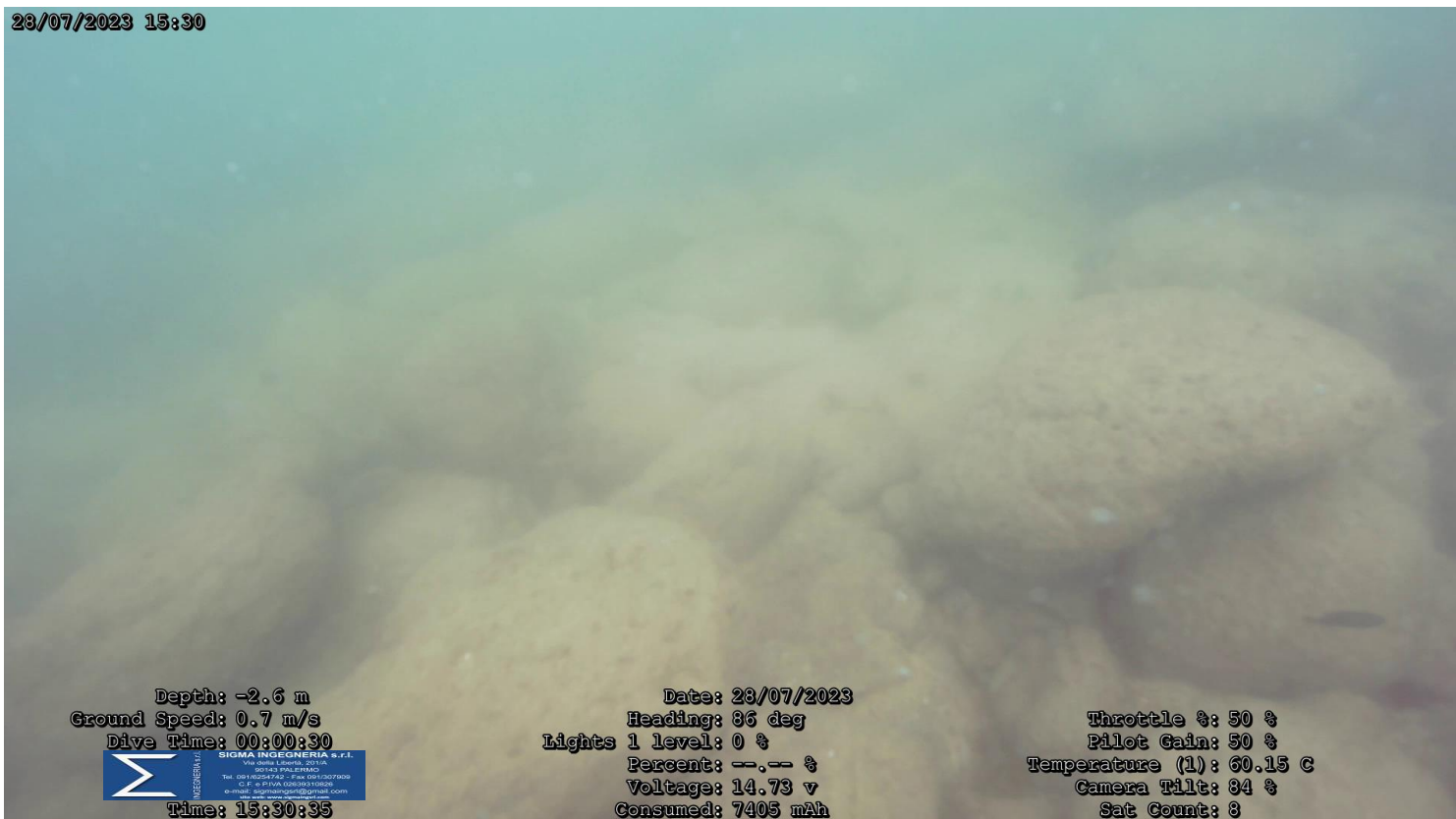
28/07/2023 15:26



42.2

Punto 43

28/07/2023 15:30



Depth: -2.6 m
Ground Speed: 0.7 m/s
Dive Time: 00:00:30
Time: 15:30:35



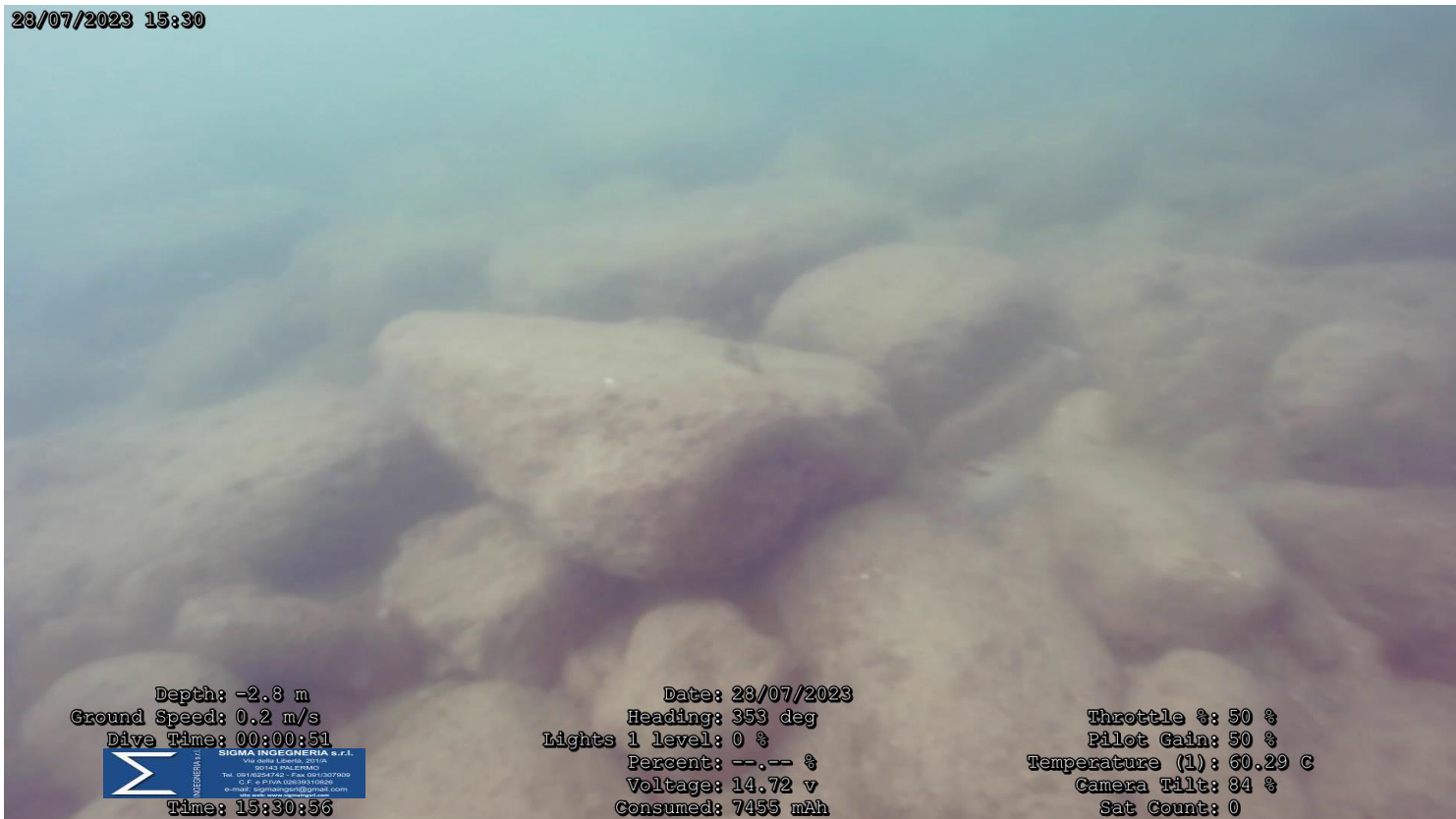
SIGMA INGEGNERIA s.r.l.
Via Oropa Livorno 201/A
50143 PALERMO
Tel. 091 8254762 - Fax 091 307360
C.F. e P.IVA 03090130908
e-mail: sigmaingen@gnmail.com
www.sigmaingen.com

Date: 28/07/2023
Heading: 86 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.73 v
Consumed: 7405 mAh

Throttle %: 50 %
Pilot Gain: 50 %
Temperature (1): 60.15 C
Camera Tilt: 84 %
Sat Count: 8

43.1

28/07/2023 15:30



Depth: -2.8 m
Ground Speed: 0.2 m/s
Dive Time: 00:00:51
Time: 15:30:56



SIGMA INGEGNERIA s.r.l.
Via Oropa Livorno 201/A
50143 PALERMO
Tel. 091 8254762 - Fax 091 307360
C.F. e P.IVA 03090130908
e-mail: sigmaingen@gnmail.com
www.sigmaingen.com

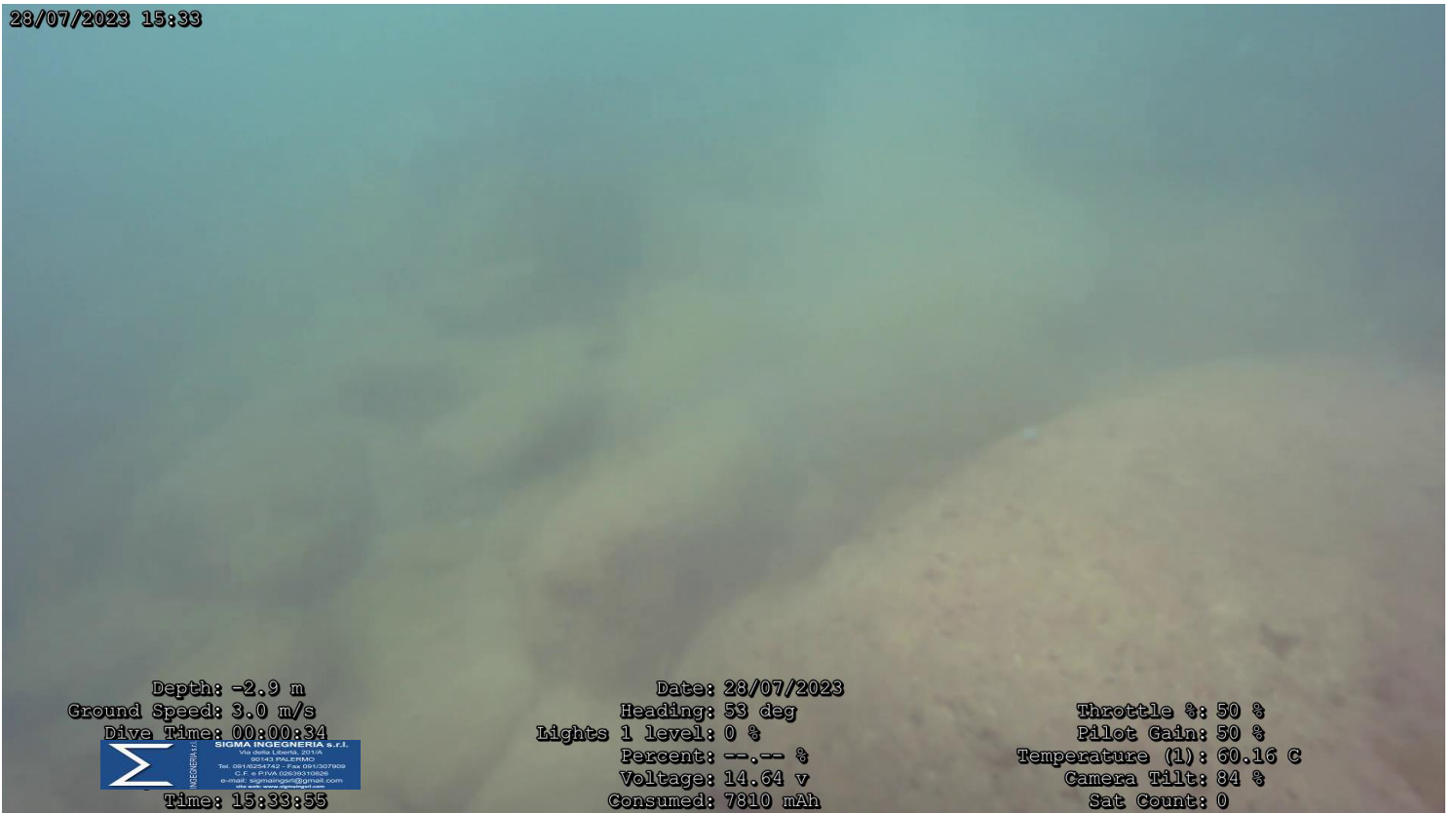
Date: 28/07/2023
Heading: 353 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.72 v
Consumed: 7455 mAh

Throttle %: 50 %
Pilot Gain: 50 %
Temperature (1): 60.29 C
Camera Tilt: 84 %
Sat Count: 0

43.2

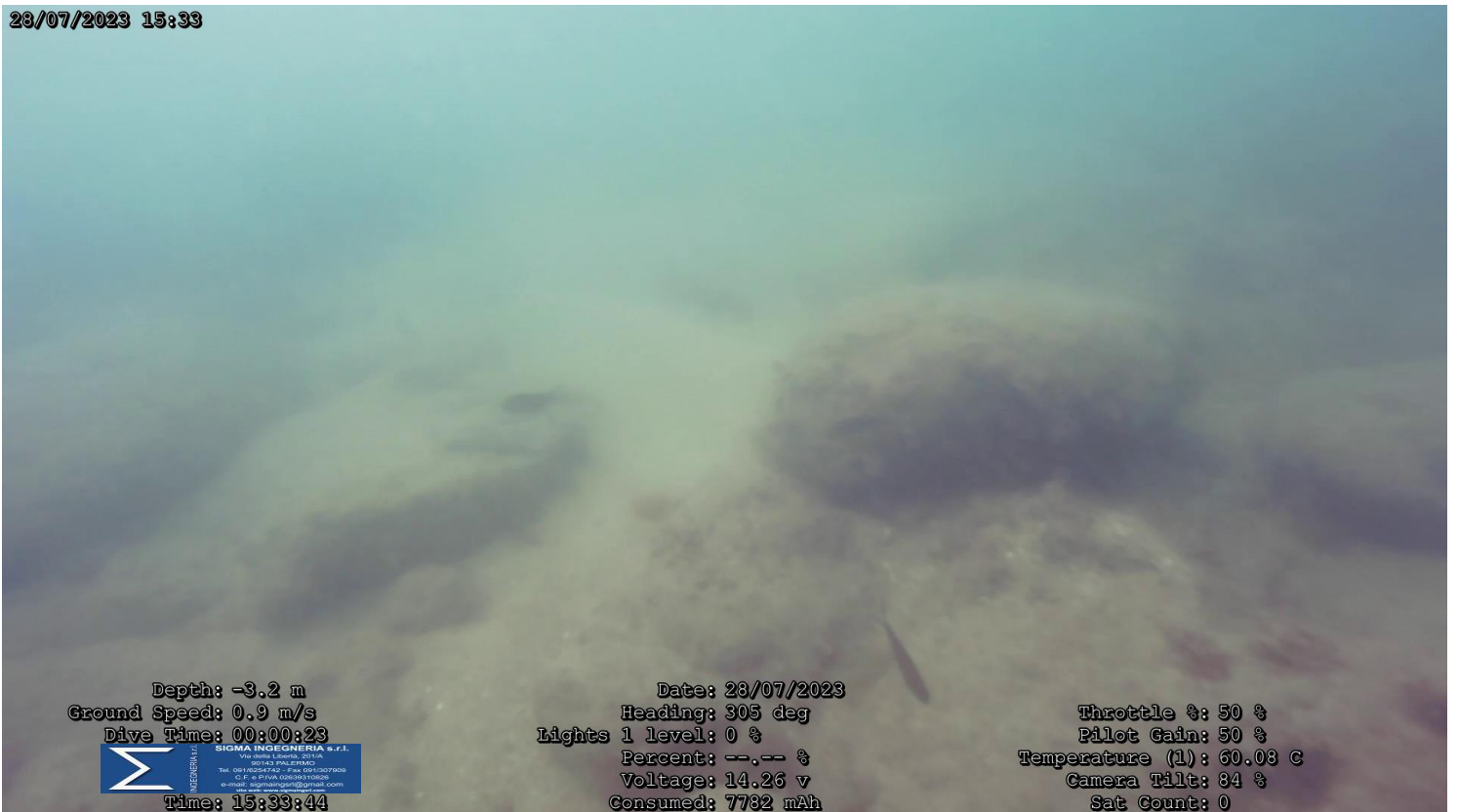
Punto 44

28/07/2023 15:33



44.1

28/07/2023 15:33



44.2

Punto 45

28/07/2023 15:40



45.1

28/07/2023 15:41



45.2

Punto 46

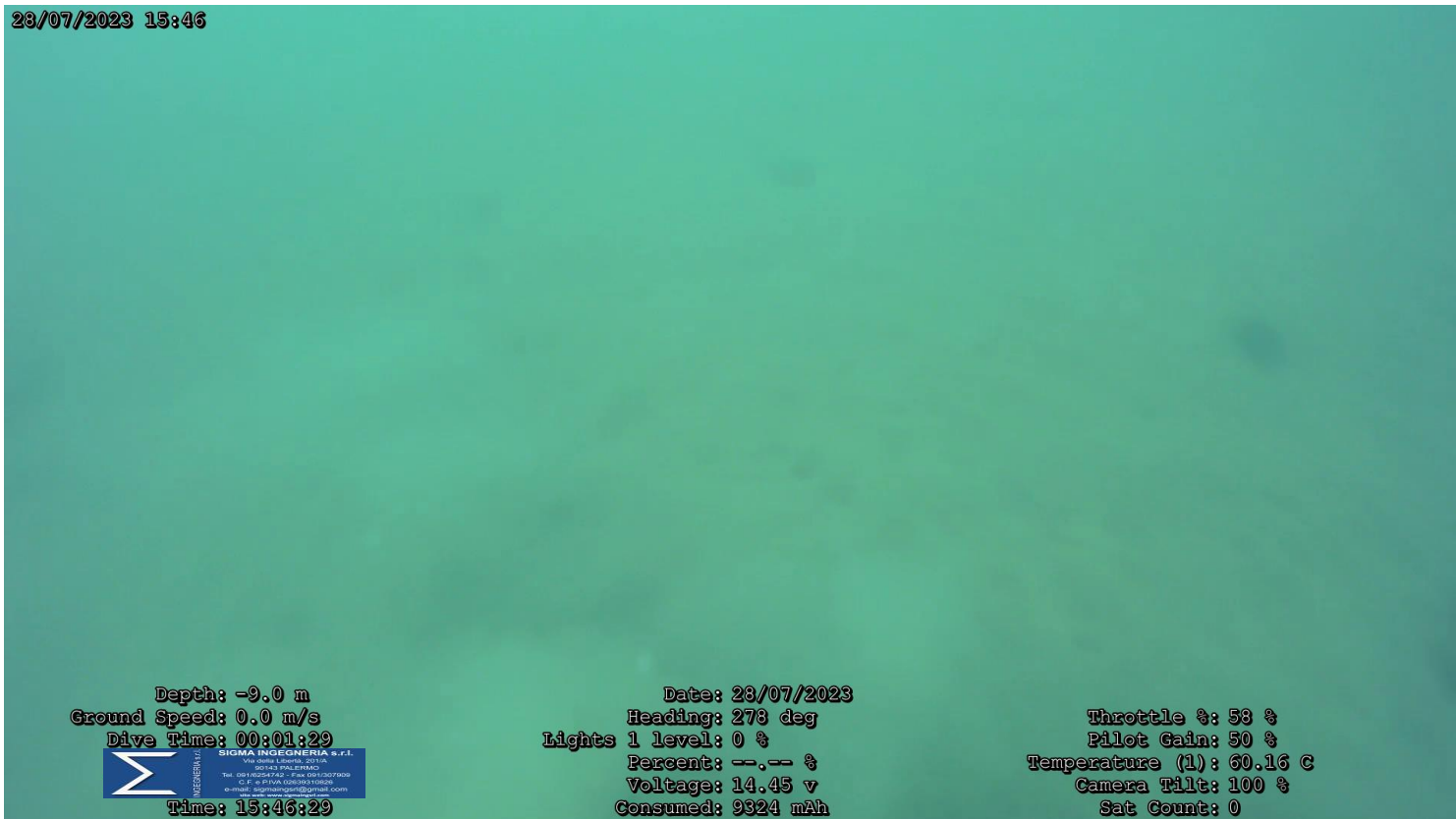
28/07/2023 15:46



 SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50143 PISA (PI) - Italy
Tel. 051 4254762 - Fax 051 307926
C.F. e P.IVA 03049310506
e-mail: sigmaing@protonmail.com
www.sigmaingegneria.com

46.1

28/07/2023 15:46



Depth: -9.0 m
Ground Speed: 0.0 m/s
Dive Time: 00:01:29
 SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50143 PISA (PI) - Italy
Tel. 051 4254762 - Fax 051 307926
C.F. e P.IVA 03049310506
e-mail: sigmaing@protonmail.com
www.sigmaingegneria.com

Date: 28/07/2023
Heading: 278 deg
Lights 1 level: 0 %
Percent: --. -- %
Voltage: 14.45 v
Consumed: 9324 mAh

Throttle %: 58 %
Pilot Gain: 50 %
Temperature (1): 60.16 C
Camera Tilt: 100 %
Sat Count: 0

46.2

Punto 47

28/07/2023 15:51

Depth: -9.9 m
Ground Speed: 0.1 m/s
Dive Time: 00:01:34
Time: 15:51:16



Date: 28/07/2023
Heading: 106 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.50 v
Consumed: 2928 mAh

Throttle %: 43 %
Pilot Gain: 50 %
Temperature (1): 59.99 C
Camera Tilt: 95 %
Sat Count: 0

47.1

28/07/2023 15:50

Depth: -9.9 m
Ground Speed: 0.6 m/s
Dive Time: 00:01:02
Time: 15:50:44



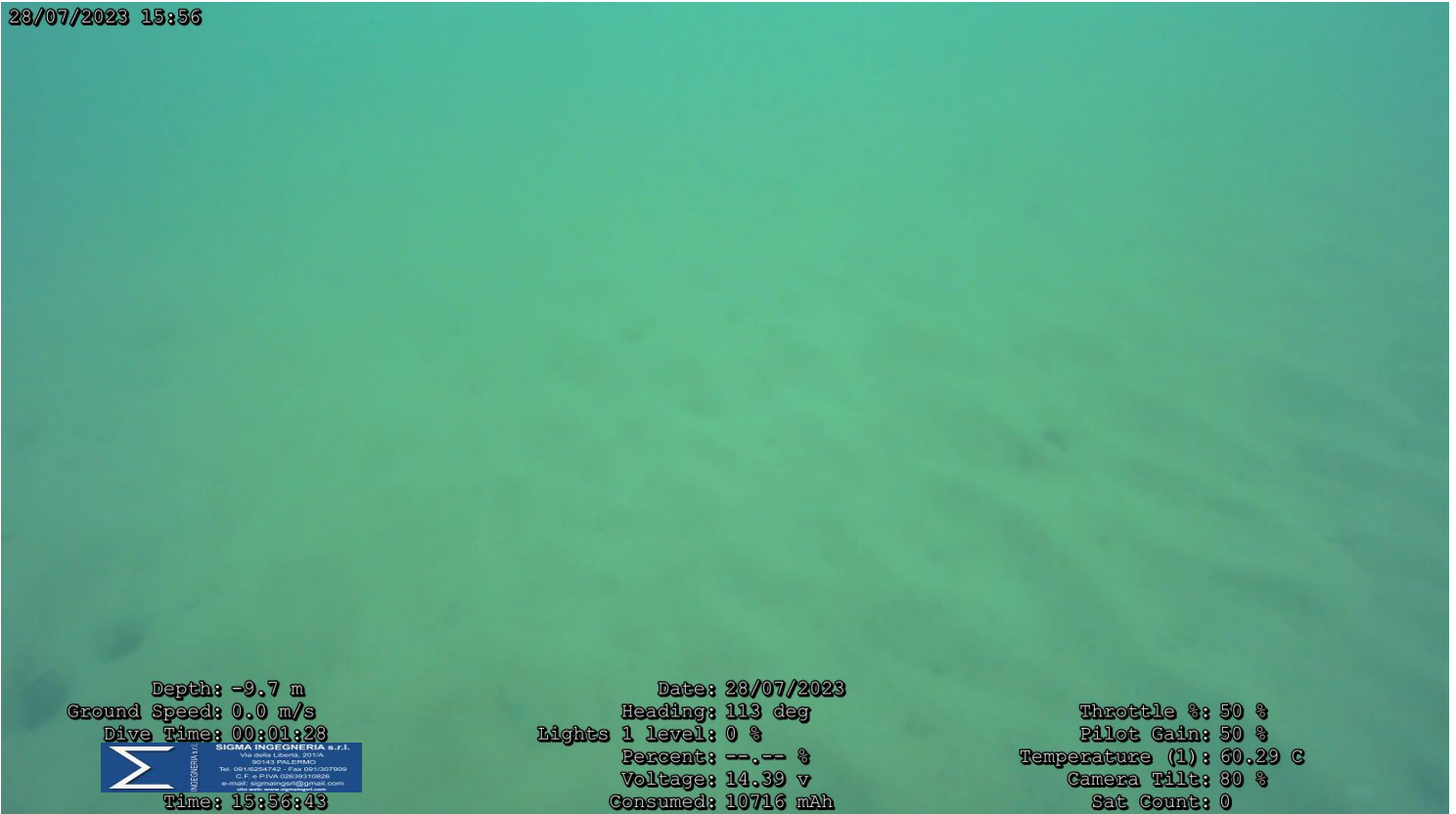
Date: 28/07/2023
Heading: 247 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.44 v
Consumed: 2970 mAh

Throttle %: 40 %
Pilot Gain: 50 %
Temperature (1): 60.02 C
Camera Tilt: 96 %
Sat Count: 0

47.2

Punto 48

28/07/2023 15:56



48.1

28/07/2023 15:57



48.2

Punto 49

28/07/2023 16:04



49.1

28/07/2023 16:05



49.2

Punto 50

28/07/2023 16:09



Depth: -9.8 m
Ground Speed: 1.0 m/s
Dive Time: 00:00:29
Time: 16:09:36



Date: 28/07/2023
Heading: 291 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.30 v
Consumed: 12277 mAh

Throttle %: 50 %
Pilot Gain: 50 %
Temperature (1): 59.78 C
Camera Tilt: 100 %
Sat Count: 0

50.1

28/07/2023 16:10



Depth: -10.2 m
Ground Speed: 0.4 m/s
Dive Time: 00:01:01
Time: 16:10:08



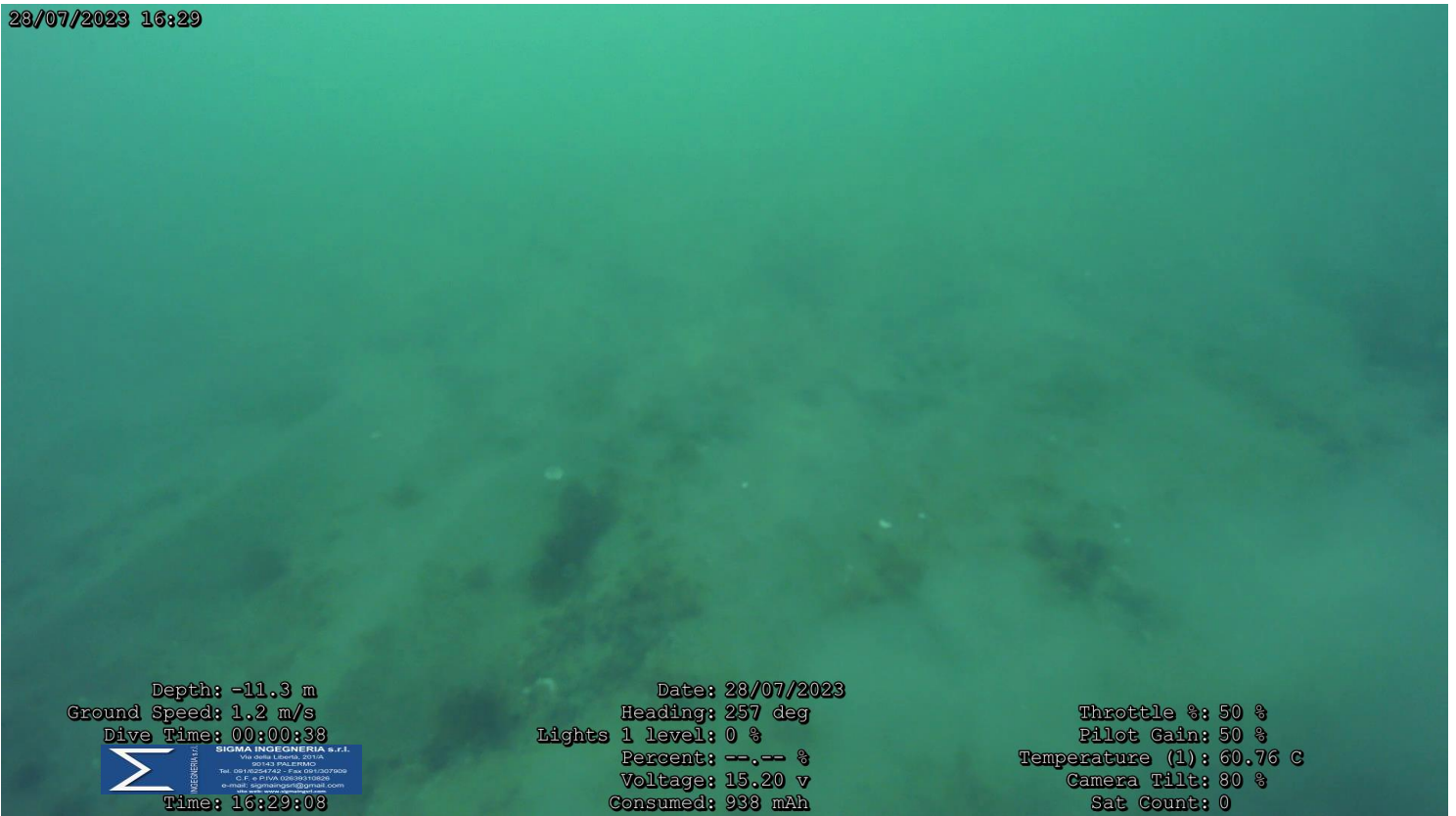
Date: 28/07/2023
Heading: 4 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.32 v
Consumed: 12349 mAh

Throttle %: 48 %
Pilot Gain: 50 %
Temperature (1): 59.82 C
Camera Tilt: 92 %
Sat Count: 0

50.2

Punto 51

28/07/2023 16:29



Depth: -11.3 m
Ground Speed: 1.2 m/s
Dive Time: 00:00:38
Time: 16:29:08



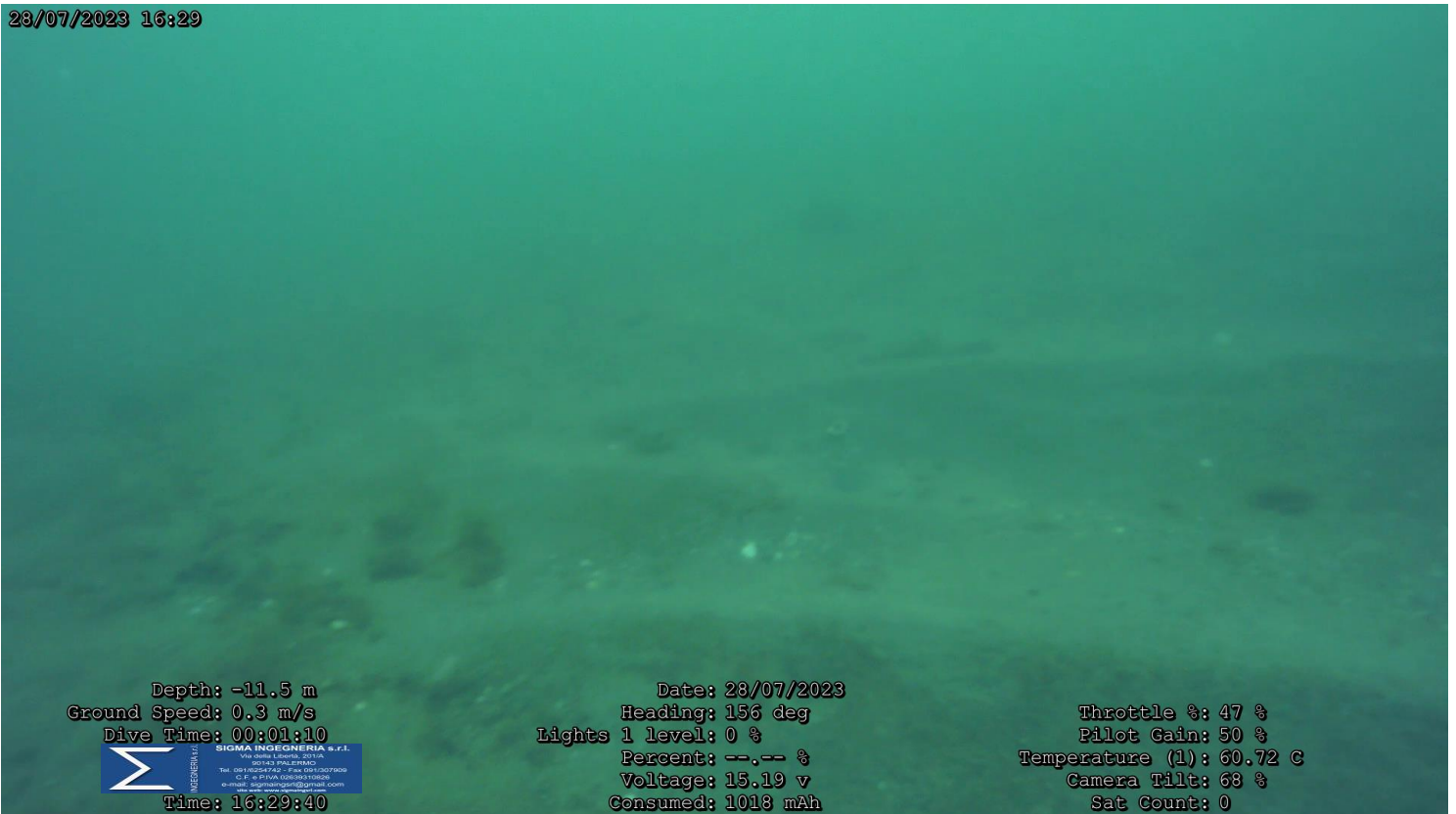
SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50143 PISA (PI) - Italy
Tel. 051.4024762 - Fax 051.307960
C.F. e P.IVA 03090330509
e-mail: sigmaingegner@gmail.com
www.sigmaingegner.com

Date: 28/07/2023
Heading: 257 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 15.20 v
Consumed: 938 mAh

Throttle %: 50 %
Pilot Gain: 50 %
Temperature (1): 60.76 C
Camera Tilt: 80 %
Sat Count: 0

51.1

28/07/2023 16:29



Depth: -11.5 m
Ground Speed: 0.3 m/s
Dive Time: 00:01:10
Time: 16:29:40



SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50143 PISA (PI) - Italy
Tel. 051.4024762 - Fax 051.307960
C.F. e P.IVA 03090330509
e-mail: sigmaingegner@gmail.com
www.sigmaingegner.com

Date: 28/07/2023
Heading: 156 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 15.19 v
Consumed: 1018 mAh

Throttle %: 47 %
Pilot Gain: 50 %
Temperature (1): 60.72 C
Camera Tilt: 68 %
Sat Count: 0

51.2

Punto 52

28/07/2023 16:33

Depth: -8.4 m
Ground Speed: 9.8 m/s
Dive Time: 00:00:54
Time: 16:33:39



Date: 28/07/2023
Heading: 195 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 15.06 v
Consumed: 1545 mAh

Throttle %: 38 %
Pilot Gain: 50 %
Temperature (1): 60.50 C
Camera Tilt: 68 %
Sat Count: 0

52.1

28/07/2023 16:33

Depth: -8.9 m
Ground Speed: 0.5 m/s
Dive Time: 00:01:05
Time: 16:33:50



Date: 28/07/2023
Heading: 54 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.93 v
Consumed: 1569 mAh

Throttle %: 52 %
Pilot Gain: 50 %
Temperature (1): 60.55 C
Camera Tilt: 68 %
Sat Count: 0

52.2

Punto 53

28/07/2023 16:39



53.1

28/07/2023 16:39



53.2

Punto 54

28/07/2023 16:46

Depth: -9.6 m
Ground Speed: 2.3 m/s
Dive Time: 00:01:16
Time: 16:46:56



Date: 28/07/2023
Heading: 80 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 15.03 v
Consumed: 3120 mAh

Throttle %: 42 %
Pilot Gain: 50 %
Temperature (1): 59.83 C
Camera Tilt: 73 %
Sat Count: 0

54.1

28/07/2023 16:46

Depth: -9.6 m
Ground Speed: 2.6 m/s
Dive Time: 00:01:08
Time: 16:46:48



Date: 28/07/2023
Heading: 255 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 15.02 v
Consumed: 3105 mAh

Throttle %: 41 %
Pilot Gain: 50 %
Temperature (1): 59.83 C
Camera Tilt: 73 %
Sat Count: 0

54.2

Punto 55

28/07/2023 16:51



55.1

28/07/2023 16:52



55.2

Punto 56

28/07/2023 16:56



Depth: -12.6 m
Ground Speed: 1.6 m/s
Dive Time: 00:00:25

 SIGMA INGEGNERIA s.r.l.
Via della Libertà, 201/A
50143 PISA (PI) - Italy
Tel. 051.4254762 - Fax 051.3079262
C.F. e P.IVA 030903310506
e-mail: sigmaingegner@gmail.com
www.sigmaingegner.com

Time: 16:56:49

Date: 28/07/2023
Heading: 154 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.60 v
Consumed: 4350 mAh

Throttle %: 30 %
Pilot Gain: 50 %
Temperature (1): 59.66 C
Camera Tilt: 73 %
Sat Count: 0

56.1

28/07/2023 16:57



Depth: -12.4 m
Ground Speed: 0.1 m/s
Dive Time: 00:00:46

 SIGMA INGEGNERIA s.r.l.
Via della Libertà, 201/A
50143 PISA (PI) - Italy
Tel. 051.4254762 - Fax 051.3079262
C.F. e P.IVA 030903310506
e-mail: sigmaingegner@gmail.com
www.sigmaingegner.com

Time: 16:57:10

Date: 28/07/2023
Heading: 137 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.57 v
Consumed: 4418 mAh

Throttle %: 40 %
Pilot Gain: 50 %
Temperature (1): 59.74 C
Camera Tilt: 73 %
Sat Count: 0

56.2

Punto 57

28/07/2023 17:02



Depth: -13.5 m
Ground Speed: 0.3 m/s
Dive Time: 00:00:30

 SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50143 PISA, PI 56100
Tel. 051.4254762 - Fax 051.307969
C.F. e P.IVA 03049330506
e-mail: sigmaing@sigmaing.it
www.sigmaing.it

Time: 17:02:33

Date: 28/07/2023
Heading: 60 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.80 v
Consumed: 5080 mAh

Throttle %: 75 %
Pilot Gain: 50 %
Temperature (1): 59.57 C
Camera Tilt: 73 %
Sat Count: 0

57.1

28/07/2023 17:03



Depth: -13.4 m
Ground Speed: 0.6 m/s
Dive Time: 00:01:02

 SIGMA INGEGNERIA s.r.l.
Via della Libertà, 207/A
50143 PISA, PI 56100
Tel. 051.4254762 - Fax 051.307969
C.F. e P.IVA 03049330506
e-mail: sigmaing@sigmaing.it
www.sigmaing.it

Time: 17:03:05

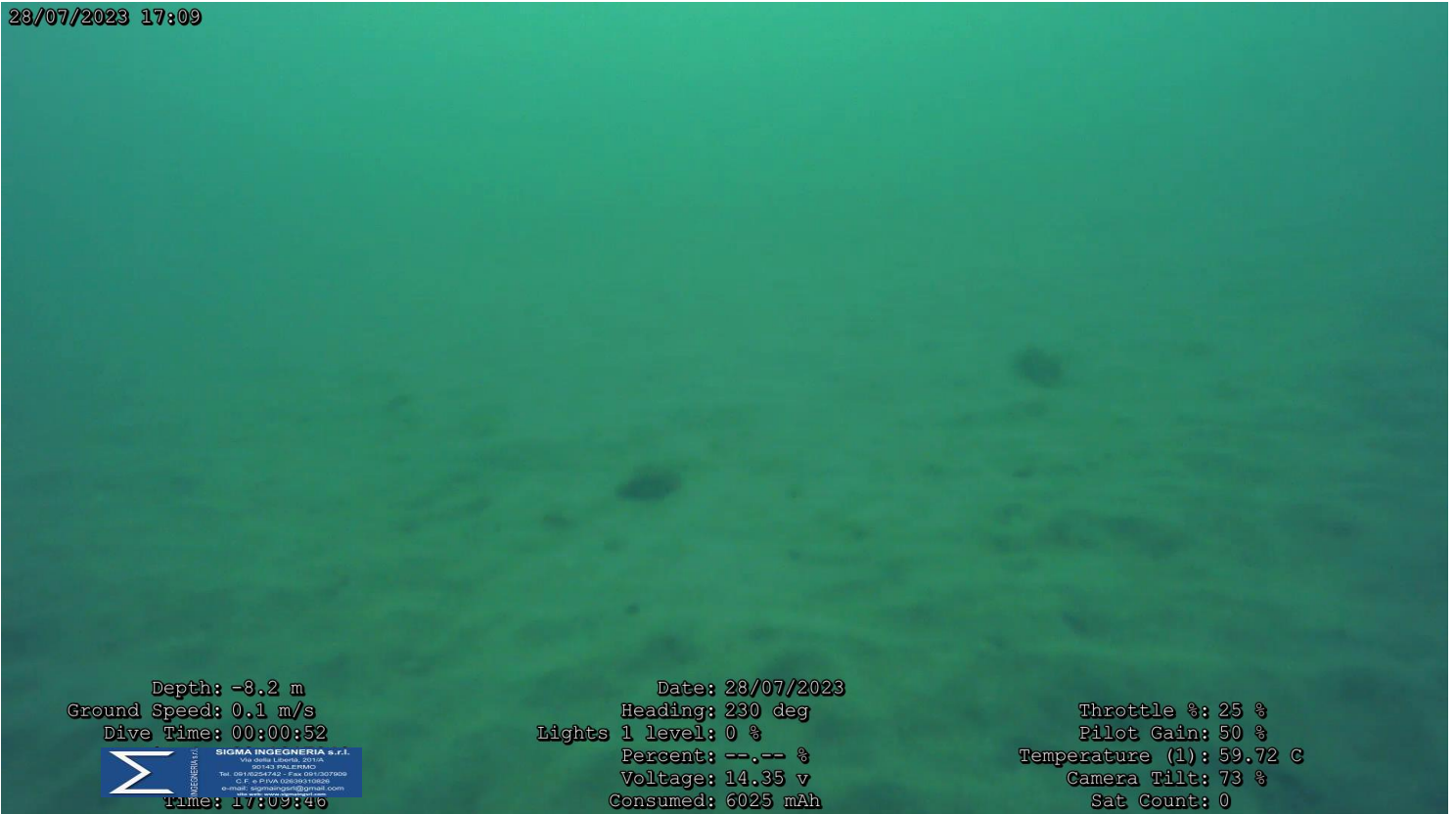
Date: 28/07/2023
Heading: 3 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.82 v
Consumed: 5165 mAh

Throttle %: 39 %
Pilot Gain: 50 %
Temperature (1): 59.60 C
Camera Tilt: 73 %
Sat Count: 0

57.2

Punto 58

28/07/2023 17:09



Depth: -8.2 m
Ground Speed: 0.1 m/s
Dive Time: 00:00:52

Date: 28/07/2023
Heading: 230 deg
Lights 1 level: 0 %
Percent: --- %
Voltage: 14.35 v
Consumed: 6025 mAh

Throttle %: 25 %
Pilot Gain: 50 %
Temperature (1): 59.72 C
Camera Tilt: 73 %
Sat Count: 0



58.1

28/07/2023 17:10



Depth: -8.4 m
Ground Speed: 5.0 m/s
Dive Time: 00:02:00

Date: 28/07/2023
Heading: 5 deg
Lights 1 level: 0 %
Percent: --- %
Voltage: 14.24 v
Consumed: 6271 mAh

Throttle %: 32 %
Pilot Gain: 50 %
Temperature (1): 59.68 C
Camera Tilt: 88 %
Sat Count: 0



58.2

Punto 59

28/07/2023 17:15



Depth: -13.0 m
Ground Speed: 2.0 m/s
Dive Time: 00:00:35

Date: 28/07/2023
Heading: 41 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.23 v
Consumed: 6866 mAh

Throttle %: 50 %
Pilot Gain: 50 %
Temperature (1): 59.76 C
Camera Tilt: 88 %
Sat Count: 0



59.1

28/07/2023 17:15



Depth: -13.2 m
Ground Speed: 1.6 m/s
Dive Time: 00:01:09

Date: 28/07/2023
Heading: 262 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.32 v
Consumed: 6946 mAh

Throttle %: 42 %
Pilot Gain: 50 %
Temperature (1): 59.73 C
Camera Tilt: 88 %
Sat Count: 0



59.2

Punto 60

28/07/2023 17:20



Depth: -10.7 m
Ground Speed: 0.2 m/s
Dive Time: 00:00:31

Date: 28/07/2023
Heading: 289 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.21 v
Consumed: 7519 mAh

Throttle %: 25 %
Pilot Gain: 50 %
Temperature (1): 59.63 C
Camera Tilt: 88 %
Sat Count: 0

60.1

28/07/2023 17:20



Depth: -11.3 m
Ground Speed: 0.6 m/s
Dive Time: 00:01:03

Date: 28/07/2023
Heading: 304 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.49 v
Consumed: 7605 mAh

Throttle %: 41 %
Pilot Gain: 50 %
Temperature (1): 59.74 C
Camera Tilt: 88 %
Sat Count: 0

60.2

Punto 61

28/07/2023 17:27

Depth: -12.9 m
Ground Speed: 0.5 m/s
Dive Time: 00:01:49



Date: 28/07/2023
Heading: 267 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 13.90 v
Consumed: 8568 mAh

Throttle %: 50 %
Pilot Gain: 50 %
Temperature (1): 59.67 C
Camera Tilt: 88 %
Sat Count: 0

61.1

28/07/2023 17:28

Depth: -12.8 m
Ground Speed: 0.7 m/s
Dive Time: 00:01:56



Time: 17:28:04

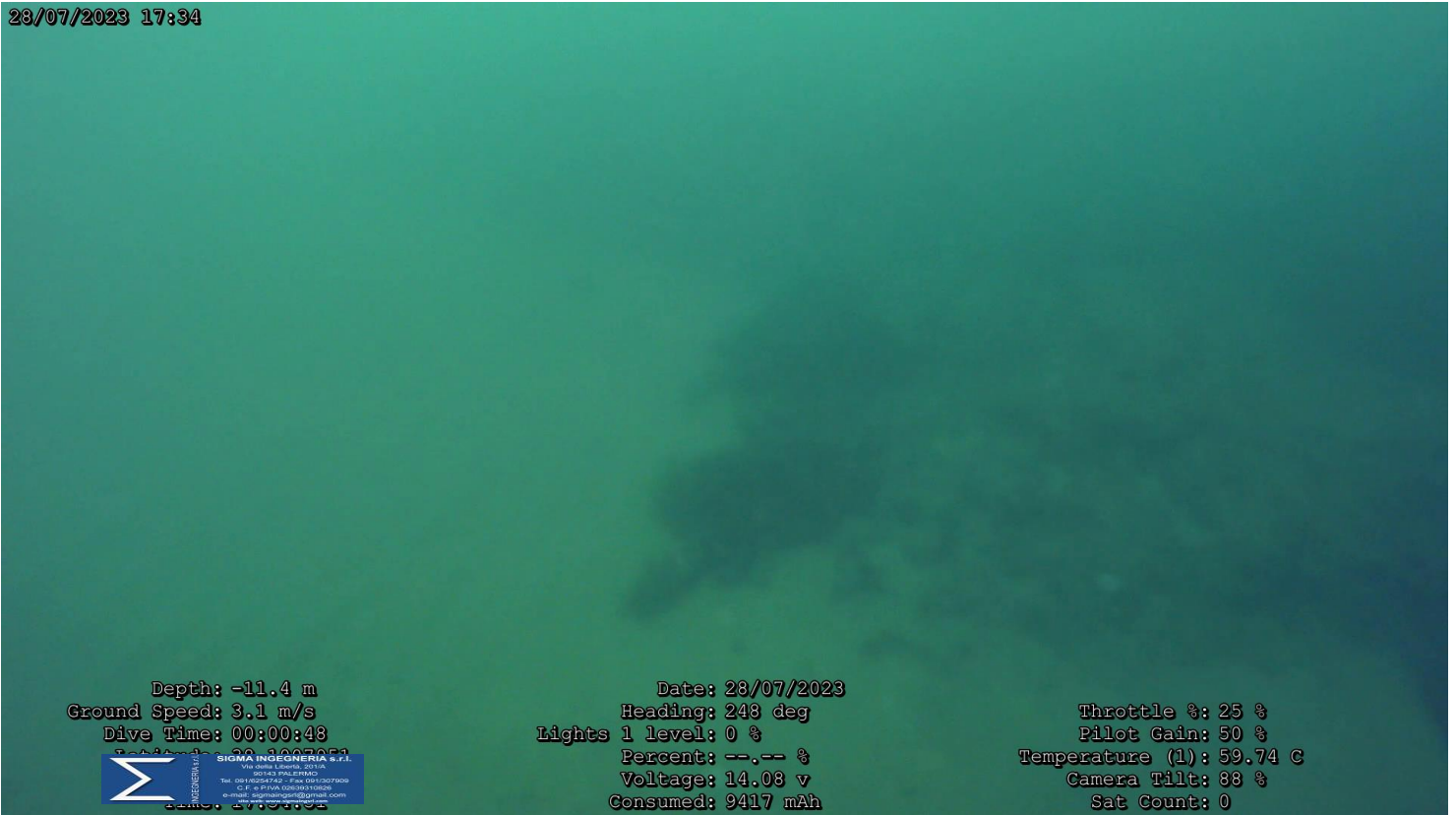
Date: 28/07/2023
Heading: 336 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 13.88 v
Consumed: 8590 mAh

Throttle %: 25 %
Pilot Gain: 50 %
Temperature (1): 59.66 C
Camera Tilt: 88 %
Sat Count: 0

61.2

Punto 62

28/07/2023 17:34



62.1

28/07/2023 17:35



62.2

Punto 63

28/07/2023 17:41



Depth: -11.2 m
Ground Speed: 1.7 m/s
Dive Time: 00:01:31

Date: 28/07/2023
Heading: 236 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 13.96 v
Consumed: 10457 mAh

Throttle %: 51 %
Pilot Gain: 50 %
Temperature (1): 59.61 C
Camera Tilt: 88 %
Sat Count: 0



SIGMA INGENIERIA s.r.l.
Via della Libertà, 20/A
50143 PISA (PI) - Italy
Tel. 051 4024762 - Fax 051 4007820
C.F. e P.IVA 03049131050
e-mail: sigmaingn@gnail.com
www: www.sigmaingn.it

63.1

28/07/2023 17:41



Depth: -11.6 m
Ground Speed: 1.2 m/s
Dive Time: 00:02:03

Date: 28/07/2023
Heading: 98 deg
Lights 1 level: 0 %
Percent: --.-- %
Voltage: 14.22 v
Consumed: 10530 mAh

Throttle %: 42 %
Pilot Gain: 50 %
Temperature (1): 59.60 C
Camera Tilt: 88 %
Sat Count: 0



SIGMA INGENIERIA s.r.l.
Via della Libertà, 20/A
50143 PISA (PI) - Italy
Tel. 051 4024762 - Fax 051 4007820
C.F. e P.IVA 03049131050
e-mail: sigmaingn@gnail.com
www: www.sigmaingn.it

63.2