

SECTION I - EVENT DETAILS

I. 1 TITLE

The Event shall be known as:
Dutch Balloon Trophy 2023

I. 2 SANCTION (S1 An3 2)

N/A

I. 3 ORGANIZATION

The Event is organised by:
Dutch Balloon Competition Club (DBCC)

I. 4 CORRESPONDENCE

All entries and official correspondence should be addressed to:
Bert Stuiver
Dilweg 1, 7873 BN, Odoorn
info@dbcc.nl, Tel: 0031-591-513467, mob. 0031-646204401

I. 5 PERSONNEL

Event director:	Goran Grgic (SLO)
Deputy event director:	Martin Graf (OOS)
Safety Officer/landowner relations:	Johannes Kooistra (NED)
Office manager:	Brigitte Fouache (BEL)
Chief scoring:	Valdemar Mlakar (SLO)
Meteoroloog:	Ab Maas (NED)
Organiser:	Erwin Pellegrom (NED)

I. 6 PLACE

The Event will be held at:

Landal Orveltermarke
Meester j.b. Kanweg 3
9439 TD Witteveen

I. 7 DATES

The Event will run from **on the 18th of May until the 21st of May 2023. Flights will take place in the morning and evening (Thursday – Saturday). The last flight is on Sunday morning. In total there are seven flights planned.**

I. 8 PROTEST FEE (S1 An3 8.3)

THE PROTEST FEE TO ACCOMPANY A PROTEST SHALL BE 100 EUROS

I. 9 LANGUAGE (GS 3.9.5 part)

I. 9.1 THE OFFICIAL LANGUAGE(S) OF THE EVENT SHALL BE ENGLISH IN ALL INTERPRETATIONS THE ENGLISH LANGUAGE VERSION SHALL PREVAIL.

I. 9.2 Printed material (e.g. Task Data, Meteorological information etc) shall be in English. The language used verbally during briefings shall be English.

I.9.3 In the rules the masculine form is used as a standard. Wherever you find the masculine form, it is implied that the feminine form is included.

I. 10 PARTICIPATION (GS 3.6.1 part)

THE EVENT IS OPEN TO ALL COMPETITORS WHICH HAVE MET THEIR OBLIGATIONS TO THIS RULES AND THE ORGANISER OF THE EVENT.

I. 11 CLOSING ENTRY DATE

The closing entry date for the Event is: **1 April 2023**

I. 12 RISK

The balloon and other property of a competitor shall be at the risk of the competitor at all times. **By entering an Event a competitor agrees to waive all claims for injury to himself or loss or damage to his property.**

I. 13 INSURANCE

Each balloon shall be insured against all claims by third parties to a minimum as specified in the EU directives.

The competitor shall produce documentary evidence of this insurance valid for the period of the Event covering any balloon which he may fly.

SECTION II – COMPETITION DETAILS

II. 1 CONTEST AREA (7.1)

The digital competition map and the rules will be provided by email/WeTransfer and be published at Watchmefly.net.

The contest area is bordered by blue lines on the competition map:

NW-corner: 3 3000 0 / 58 8000 0 (53 02 33N / 06 27 51E)

NE-corner: 3 6800 0 / 58 8000 0 (53 03 11N / 07 01 50E)

SW-corner: 3 3000 0 / 58 3600 0 (52 38 50N / 06 29 13E)

SE-corner: 3 6800 0 / 58 3600 0 (52 39 28N / 07 02 54E)

II. 2 OUT OF BOUNDS (7.2)

Everything outside of the contest area is out of bounds. On top of that, the CTR Eelde is also considered out of bounds.

II. 3 PZ LIST (7.3)

Most actual PZ list. List will be final after the mainbriefing.

PZ	COLOR	Easting	Northing	Alt (ft)	Radius (m)	Description
PZ 01 (500ft)	Red	336156	5845837	500	250	Angry farmer
PZ 02 (500ft)	Red	337430	5845980	500	250	Angry farmer
PZ 03 (1000ft)	Red	See map	See map	1000	See map	Natura 2000
PZ 04 (1000ft)	Red	See map	See map	1000	See map	Natura 2000
PZ 05 (yellow)	Yellow	337991	5840309	-	500	Angry farmer
PZ 06 (1000ft)	Red	330921	5844543	1000	1700	City Hoogeveen
PZ 07 (500ft)	Red	335192	5840717	500	400	Dogs
PZ 08 (1000ft)	Red	347277	5837127	1000	1500	City Coevorden
PZ 09 (1000ft)	Red	See map	See map	1000	See map	Natura 2000
PZ 10 (1000ft)	Red	See map	See map	1000	See map	Antenna Westerbork
PZ 11 (1000ft)	Red	See map	See map	1000	See map	Natura 2000
PZ 12 (1000ft)	Red	See map	See map	1000	See map	Natura 2000
PZ 13 (1000ft)	Red	See map	See map	1000	See map	Natura 2000
PZ 14 (1000ft)	Red	See map	See map	1000	See map	Natura 2000
PZ 15 (1000ft)	Red	See map	See map	1000	See map	Natura 2000

PZ 16 (1000ft)	Red	See map	See map	1000	See map	Natura 2000
PZ 17 (Yellow)	Yellow	See map	See map	-	See map	Antenna (Lofar)
PZ 18 (Yellow)	Yellow	See map	See map	-	See map	Queens grass
PZ 19 (Yellow)	Yellow	See map	See map	-	See map	Antenna (Lofar)
PZ 20 (Yellow)	Yellow	See map	See map	-	See map	Odoorn 1
PZ 21 (Yellow)	Yellow	See map	See map	-	See map	Odoorn 2
PZ 22 (1000ft)	Red	358180	5848323	1000	1700	City Emmen
PZ 23 (1000ft)	Red	357437	5850068	1000	750	Wildlands Emmen (zoo)
PZ 24 (1000ft)	Red	359557	5851178	1000	2100	City Emmen
PZ 25 (1000ft)	Red	See map	See map	1000	See map	Natura 2000
PZ 26 (1000ft)	Red	363360	5872753	1000	1800	City Stadskanaal
PZ 27 (1000ft)	Red	336337	5875039	1000	3500	City Assen
PZ 28 (500ft)	Red	354518	5844926	500	250	Expensive doves
PZ 29 (500ft)	Red	100m on both sides of centerline of road!		500	-	Motorway (A28 & A37)
PZ 30 (6000ft)	Blue	See map	See map	6000	-	Airlaw: TMA C
PZ 31 (1500ft)*	Blue	See map	See map	1500*	-	Airlaw: TMA Eelde

*In correspondence with Eelde this might be raised. This will be announced during the taskbriefing before each flight.

II. 4 COMMON LAUNCH AREA(S) (9.1.1)

See II. 5

II. 5 COMMON LAUNCH POINT(S) (9.1.2)

CLP01: 4320 / 5611

~~CLP02: 4604 / 3933~~

CLP03: 5800 / 4551

CLP04: 5485 / 5667

CLP05: 3284 / 4828

CLP06: 3336 / 3913

CLP07: 4261 / 7193

II. 6 LANDOWNER'S PERMISSION (9.2.2)

Ask permission before you retrieve your balloon from a field. Starting from an individual launch field won't be the case, since we only will use Common Launch Areas during this competition.

II. 7 LIVESTOCK AND CROP (10.6)

Balloons shall not fly closer than **500 ft** from livestock or buildings containing livestock.

II. 8 DRIVING LAW (10.11)

Dutch driving law applies.

II. 9 AIR LAW (10.14)

See blue PZ. The maximum altitude for the TMA C will be 6000 ft AMSL. For TMA Eelde this will be 1500 ft AMSL, but this might be changed before each flight. The CTR Eelde is considered out of bounds.

II. 10 RECALL PROCEDURE (10.15)

TBA if needed.

II. 11 GOAL CENTER (12.1)

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II. 12 GOALS SELECTED BY A COMPETITOR (12.2)

Competitors will not be required to declare goals by reference to map features (junctions etc.).

II. 13 LOCATION OF OFFICIAL NOTICE BOARD (5.10)

The official notice board will be the notice board on WatchMeFly.net

II. 14 COMMUNICATION TIMES (5.3)

NA (Not Applicable)

II. 15 PUBLICATION TIMES ON THE LAST FLYING DAY (5.6.3)

NA (Not Applicable)

II. 16 FLIGHT CREW (2.2.2)

Rule 2.2.2 applies as written.

II. 17 DETAILS FOR THE USE OF GPS LOGGERS (6)

a) Logger:

- The Logger used in this Event is the Balloon Life Sensor
- The logger will be configured by the Event Direction and at no time a competitor is allowed to interfere with the configuration. If the competitor notices a different setup he shall contact the appointed official.

b) Configuration:

The setup for this event will be:

- time interval 1 second
- altitude Barometric
- altitude unit feet
- date/time local time
- map datum WGS84 / UTM

To qualify as backup a competitor's logger should be set up to a time interval of 5 seconds or less.

c) Handling by competitor:

- The logger must be switched on 10-5 min before the intended take off to allow proper GPS initialization.
- Before Take-Off the logger must be attached to one of the basket uprights at eyesight height to ensure optimum sky view.
- Marker drops and goal declarations are registered at the time the OK key is pressed.
- Declarations in the logger must be made in 4/4 format unless otherwise stated in the TDS.
- Altitudes do not need to be declared unless otherwise stated in the TDS.
- 5-10 minutes after landing the logger must be switched off.
- The SD card in the logger may not be removed or used for any purpose by the competitor except with the explicit permission or instruction of the appointed official
- Competitors experiencing logger operation problems must contact the appointed official before any self-remedy is exercised.

d) Scoring:

- Unless otherwise stated in the TDS, an electronic mark is mandatory for each task where no valid mark has been achieved by physical marker.
- In case the same logger-goal is declared more than once the last valid declaration will be used.

e) Track data:

The GPS logger track is the property of the competitor and shall not be made available to the public without his permission. The Director may announce at the General Briefing a procedure for competitors to retrieve their track logs.

Failure to follow the instructions 'Details for the use of GPS Loggers' may be penalized without warning.

II. 18 DETAILS FOR TIME LIMITS (rest hours) (5.6)

NA (Not Applicable)

II. 19 BALLOON SIZE (3.3)

Maximum size category of AX8 (3.000cbm/105.000cft)

II. 20 ASSESSED MARK (12.15.2) (for events with observers and no loggers)

NA (Not Applicable)

II. 21 ALTITUDE (14.6.4)

The logged barometric altitude will be used for scoring.

II. 22 2D/3D SCORING METHODS (12.22.2) (for events with logger scoring)

When goals or targets on the ground are used, results based on track points will be the 3D-distance from the goal/target to the track or electronic mark above 1000 ft barometric altitude (Separation Altitude) and 2D-distance below 1000 ft barometric altitude.

When goals/targets above the ground are used, results based on track points will be the 3D-distance

II. 23 COMPETITION STRUCTURE (6.1)

The competition will be conducted using **logger scoring without Observers**.

II. 24 MAP COORDINATES (7.8)

The basic map coordinate of a UTM map with WGS84 datum is:
32K (Zone reference, where 32=zone and K=latitude band)
458565 (6 digit Easting)
5552261 (7 digit Northing)

To identify a point on the competition map, the coordinates must be written in one of the following formats:

6-7 format: this complies with the standard UTM grid format. First six digits easting and second, seven digits northing. (e.g. 458565-5552261 alternatively 04585655552261)

4-4 format: this format uses two times four-digits. First four digits easting and the second four digits northing. (e.g. 5857-5226), leaving out the 1m digit.

A target list number according to the list provided for the competition at hand. Coordinates may be written in one of the following formats:

For declarations in Logger see II 17, otherwise Easting's may be written with a leading 0 (zero) making it 7 digits.