



GERMAN GLIDING CHAMPIONSHIPS 2011
15M – 18M – OPEN – CLASS
JULY 1-14, 2011 – LÜSSE – BERLIN



FCC Berlin e.V.

Federal Gliding Commission

**DM 2011 - German Gliding Championships in the
Open, 18m and 15m classes
Lüsse airfield / Berlin**

Local rules

1. General

- a) These local rules amend the competition announcement from the Federal Gliding Commission from January 2011 for the German National Championships in the open-, 18m- and 15m- classes. The competition is registered at the IGC for the IGC ranking list.
- b) The local rules are embedded in the following sequel of rules:
 1. Rules announced at the opening briefing on July 1, 2011 or at the daily briefings.
 2. These local rules.
 3. The competition announcement from January 2011.
 4. The „Wettbewerbsordnung für Segelflugwettbewerbe (SWO) Ausgabe 2011 valid from April 15, 2011, (download available at <http://www.daec.de/se/down.php>).
 5. The FAI Sporting Code Section 3 – Gliding together with Annex A, Issue from 2010, valid from April 1, 2010 (download available at http://www.fai.org/gliding/sporting_code).In the sequel, rules with a lower index amend rules with a higher index.
- c) All legal requirements and air traffic laws shall be enforced (see competition announcement, 4.1).
- d) Irrespective of any provisions in the Sporting Code, SWO, competition announcement, local rules (this document), briefings and of decisions of the competition management and jury, the pilot remains solely responsible for the glider, its operation and compliance with legal requirements and air traffic law. This holds, in particular, for the validity of all relevant documents, the safety of the glider, the compliance with the operational limits and with class restrictions and for the documentation of competition flights.
- e) In participating in the championships, all pilots commit themselves to fair sportsmanship and to the highest degree of mutual respect. Air safety (one's own and the other competitors' safety) has absolute priority under any circumstances.



GERMAN GLIDING CHAMPIONSHIPS 2011

15M – 18M – OPEN – CLASS
JULY 1-14, 2011 – LÜSSE – BERLIN



- f) To improve air safety, all gliders are required to be equipped with a FLARM traffic and collision warning device with the latest software update. During competition flights, the FLARM system must be switched on and operational.
- g) The competition is not a public event.

2. Time schedule

Arrival	Starting Mon. June 27, 2011
Unofficial training	Starting Tue. June 28, 2011
Technical inspection	Tue. June 28 – Fri. July 1, 2011, 12:00
Registration	Tue June 28 – Fri. July 1, 2011, 12:00
Opening and safety briefing	Fri. July 1, 2011, 10:00
Official Training	Fri. July 1, 2011
Opening ceremony	Fri. July 1, 2011, 20:00
First competition day	Sat. July 2, 2011
Last competition day	Wed. July 13, 2011
Farewell party	Wed. July 13, 2011
Closing ceremony, prize giving	Thu. July 14, 2011, 10:00

If in one of the three classes there have not been at least 4 competition days up to Wednesday July 13, 2011, there will be one further competition day for all classes on Thursday, July 14, 2011. In this case the closing ceremony and prize giving will take place on Thursday, July 14 in the evening.

The participation in the following events is mandatory for all pilots:

- Opening ceremony
- Opening and safety briefing
- Daily briefing
- Closing ceremony, prize giving

3. Jury, safety committee, competition officials and organization

3.1 Jury:

Fred Gai (President of the Jury)
Joachim Lenk
Karsten Koppel



GERMAN GLIDING CHAMPIONSHIPS 2011

15M – 18M – OPEN – CLASS
JULY 1-14, 2011 – LÜSSE – BERLIN



3.2 Safety committee:

Will consist of the class speakers and of a representative of the Jury.

3.3 Competition officials and organization

Director	Herbert Märtin
Deputy director	Thomas von Larcher
Task setting	Nicola Botta
Administration	Gismut Schroeder
Scoring	Jakob Schieder
Meteorology	Erland Lorenzen
Flight operations	Herbert Märtin
Start operations	Heiko Lehmann, Achim Fischer
Aerotow organization	Ronald Liepold
Technical Inspection/Scales	Horst Wilser, Peter Krebs
IT	Marc Benedde
Press / website	Marius Kelm, Christian Rex, Jonas Florin
Webmaster	Michael Reiff
Finances	Marc Benedde

4. Start and landing fee (training and competition)

Aerotow for 15m class:	39,00* EUR
Aerotow for 18m and Open class:	42,00* EUR
Self-launch:	7,00 EUR per start

*) At 600m AGL. Fee can be increased or decreased upon significant changes in energy prices. Fee covers start and landing fees.

5. Flight operations, competition flights

The following rules and procedures amend the competition announcement and the SWO and concern Flight operations and competition flights at the airfield Lüsse.

The rules and procedures will be further detailed in a self-briefing. The self-briefing is therefore part of the local rules (this document). It will be available for download from <http://dm2011luesse.fccberlin.de/>. It will be a significant part of the opening and safety briefing.

- **The launch grid order** will be published on a daily basis. Each glider will be assigned a block (north or south) and a grid row. Block and row are mandatory. Gliders shall be towed along the central corridor between the blocks to their designated row. The outer slots in the rows shall be filled first so that access to the inner slots is not blocked.



GERMAN GLIDING CHAMPIONSHIPS 2011

15M – 18M – OPEN – CLASS
JULY 1-14, 2011 – LÜSSE – BERLIN



- **Water ballast and technical inspection:** during the technical inspection, gliders will be assigned a max. reference weight in a full-ballasted, tow-out configuration. Daily weighting will be done in such configuration. All open class gliders will be weighted every competition day. 18m and 15m class gliders will be weighted randomly. Two Seaters in the open class may change their co-pilot during the competition (SWO 2.1). At the technical inspection the reference weight for one co-pilot will be determined. All other co-pilots may not be heavier than the first. All co-pilots must sign the anti-doping agreement prior to the competition day on which they fly.
- **Launch** will take place via aerotow or self-launch, in both cases up to max. 600m AGL. Exceptions might be announced during briefings or via radio. Pilots are responsible for a safe launch. Pilots with self-launcher gliders may start in aerotow. Motor gliders requiring a second (third, etc.) launch can avoid landing by (re)starting their engine in the southern downwind leg of Lüsse airfield at a safe height but below 300 m AGL.
- **Start:** maximum altitude and speed limits for a valid start might be announced during the daily briefings. Pilots might be required to communicate their latest start line crossing to the scoring. There will be no controls of finish line crossings.
- The **finish lines** are located in the western and eastern parts of the airfield. They are straight lines perpendicular to the airfield's runway. The altitude of the finish line is the elevation of the airfield. They extend 500 m on both sides of the runway and are marked with white stripes north and south of the landing field. The finish lines can be crossed in direct landing or speed finish. In speed finish, the minimum height before and at crossing the line is 50 m AGL (**possible alignment after official contest approval**). Pilots in speed finish shall fly a northern landing circuit (hangar side). They must have enough energy to safely complete the circuit while giving way to gliders in final. For direct landings the southern side of the airfield should be used.
- After **landing**, gliders have to be readily towed away from the landing field.
- **Outlandings** shall be readily communicated to the competition office via SMS or via a third person / helper. The telephone number for reporting outlandings will be printed on the task sheets. The format for SMS reports is:

[Comp. ID] [Number of TPs reached] [Lat] [Lon]
Example: LV 3 531013 104209
- **Trailers:** parking places for trailers are the same for all classes. Water supply (via ½" connectors) and electric current (230 V) are available at each parking place. Pilots are required to make their competition IDs well visible on their trailers.
- **WLAN:** Free wireless (albeit not without bandwidth limitations) is available at the camping site. Wired LAN connections are available at the briefing hangar.



GERMAN GLIDING CHAMPIONSHIPS 2011

15M – 18M – OPEN – CLASS
JULY 1-14, 2011 – LÜSSE – BERLIN



- **Daily briefings** take place at 09:30. Pilots may be required to grid before briefing. Changes to the procedure will be communicated in an adequate manner.
- Task changes may be communicated via **field-briefings**. In field briefings, task changes can be communicated by simply dropping a new task sheet in the glider cockpits. (SWO 6.4)

6. Tasks and scoring

The following tasks may be set (SWO 7.1):

- Racing task.(**RT**)
- Assigned area task with prescribed minimal time.(**AAT**)

The tasks will be scored according to the SWO rules using the **scoring*StrePla** system.

7. Competition area, airspace, turn points

The competition area extends over parts of Germany, Poland and of the Czech Republic. The ICAO maps Rostock, Berlin, Nürnberg Poland NW and Czech Republic cover the competition area.

On Registration each participant will receive 2 ICAO scale 1: 750.000 maps with a special print of the competition area including the competition turn points. Special thanks to the DFS for assistance.

A map with a sketch of the competition area is part of the local rules (this document) and will be shown in the briefing hangar.

A file in OpenAir format with the competition airspace will be available for download at <http://dm2011luesse.fcberlin.de/>. This file will be used to score all competition flights.

Airspaces requiring a clearance are forbidden airspaces. Details will be given at the daily briefings.

8. Bird sanctuary

Flights over the bird sanctuary northeast of Lüsse airfield must observe a minimum altitude of 564 m / 1850 ft MSL. Entering the bird sanctuary vertically or horizontally will be penalised as entering forbidden airspace. The first violation will result in a virtual outlanding, any further violation will result in zero points for the competition day. Any landing in the bird sanctuary will result in a day disqualification for the participant.



GERMAN GLIDING CHAMPIONSHIPS 2011

15M – 18M – OPEN – CLASS
JULY 1-14, 2011 – LÜSSE – BERLIN



9. Turn Points and Turn Point Data

Turn point coordinates in a number of popular file formats will be available for download at <http://dm2011luesse.fccberlin.de/>. These coordinates will be used to score all competition flights. Turn points outside the competition area will not be used in competition tasks.

10. Frequencies

“Lüsse Start”: start, final, landing: **to be announced at the opening briefing.**
“Lüsse Wettbewerb”; competition, start line opening, safety: **to be announced**
“Lüsse Info”: 129,975 MHz

During the competition, important information may be sent on the frequency “Lüsse Wettbewerb”. It is mandatory to maintain listening watch on this frequency until the opening of the start line and within a radius of 25 km from the airfield.

11. Flight documentation

The pilot is responsible for the complete documentation of competition flights. The time interval between two GNSS fixes may not exceed 10 seconds. Recommended are 4 seconds in normal flight and 1 second in the proximity of the start line, of the finish line and inside turn point sectors.

The systems used by gliders with very low noise levels during engine runs (for example jet- or electric engines) must conform to the latest Sporting Code Annex B, Chapter 1.

Until July 1, 2011 12:00, pilots shall upload a valid GNSS flight record (IGC file) from the primary flight recorder to the scoring system. For motor gliders, this file shall contain a valid engine run.

GNSS flight records shall be uploaded to the scoring system no more than 45 minutes after landing or, in the event of an outlanding, immediately after arrival back at the airfield. There will be Computers available in the briefing hangar for uploading the files.

If there is more than one file from the competition day (for example in the event of a re-start), those files have to be submitted to the scoring office directly and immediately.

Upon request, pilots shall make their primary and backup flight recorder available to the competition officials. Flight data from the primary and backup flight recorder shall not be removed until the scoring has the status “official”.

12. Publication of flight records

The pilots agree to the publication of their flight records and of the results of each competition day. These will be made available through the scoring system and at the competition’s web site.



GERMAN GLIDING CHAMPIONSHIPS 2011
15M – 18M – OPEN – CLASS
JULY 1-14, 2011 – LÜSSE – BERLIN



13. Catering

The „Lüsser Küchenteam“ offers breakfast and snacks. Guests can buy and order bread rolls at the breakfast counter.

14. Medical insurance

Personal medical insurance is required for all team members, covering accidents and sickness, including any hospital costs and transport back to the team member's country of residence. Upon request, pilots shall exhibit their medical insurance.

15. Contact

Competition Direction: Tel.: +49 33841 33700
Fax: +49 33841 34931

Outlandings SMS: Number will be announced at the opening briefing.

E-Mail wettbewerb@fccberlin.de
contest@fccberlin.de

Internet <http://dm2011luesse.fccberlin.de/>

Snail-Mail:

Name, Surname
Deutsche Segelflugmeisterschaft 2011
FCC Berlin e.V.
Am Flugplatz Lüsse
D – 14806 Bad - Belzig

Lüsse/Berlin, April 21 2011

We are looking forward to see you in Lüsse!

Herbert Märtin and Thomas von Larcher
Contest Direction

Nicola Botta
Task-setting

Approved by the Federal Gliding Commission on 27.4.2011