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# **FAI GAC Air Navigation Race Subcommittee Report**

**2018 FAI GAC Meeting – Helsinki**

# AGENDA

## Air Navigation Race subcommittee, Helsinki 2018



**Fri, 16 Nov 09:00-12:30**

- ANR Rules & Regulations Suggestions and Amendements
- WANRC 2019 Santa Cruz Final Bid & Local rules
- Status Report WAG 2020 & ANR Seminar China
- ANR Briare Report
- ANR Development Presentation (Spain)
- FAI GAC ANR scoring software (where to download & short overview)
- Up-coming Events

# ANR Rules & Regulations Suggestions and Amendements



#	French Proposals (Philippe)	ANR R&R relevant [Yes/No]	ANR R&R Section	ANR R&R Text or Remarks
1	<p>1- LIVE TRACKING</p> <p>A) important to remove, NOT to show the background of the map on the display screen, nor the coast line for example (Castellón).</p> <p>B) if technically possible, it would be nice as well to hide the airfield position and to show on the screen, only the corridor. If previous point is technically not possible, we thought about a randomized rotation of the image shown on the screen.</p>	No	B.9.7.	written in the rules
2	<p>2- LANDINGS</p> <p>Same as for the RALLYE- and PRECISION- RULES AND REGULATIONS</p> <p>-&gt; mandatory video judging for each landing, with 4 camera (2 on each side of the landing area)</p>	No	na	One Landing R&R document; Ldg. Group will built up
3	<p>3- GPS</p> <p>Same as proposals for the RALLYE- and PRECISION- RULES AND REGULATIONS</p> <p>GPS use</p> <p>"Use of receivers that determine their position by analyzing satellite signals are NOT allowed (GPS)." Ground speed and true track must be masked</p> <p>It must be added that no input in the GPS is allowed (positionning of TPs in the GPS in particular should be banned). GPS buttons enabling data input must be sealed.</p> <p>GPS maps</p> <p>It should be precised whether map display on the GPS is allowed or not (and will in this case be masked before the start of the competition).</p> <p>(organizational rules)</p> <p>It could be useful for the organiser to receive from each nation in advance a list of gps/efis devices that crews intend to use during the competition.</p>	No	na	<p>Needs more practical tests and experience before changing the rules!</p> <p>Suggestion to implement it into the local rules:</p> <p>It could be useful for the organiser to receive from each nation in advance a list of gps/efis devices that crews intend to use during the competition.</p>
4	<p>4- COMPETITION MAP</p> <p>Referring to the ANR Rules &amp; Regulations' article B.6.8 (see picture below), the competition map MUST be sent (electronic map) to each crew in advance (1 month). We noticed that was not the case in the past (ANR, RA, PP).</p>	No	B.6.8	Organiser ANR Milestone & Phase Planning



Agreed to have no ANR Rules & Regulations changes in 2018

# WANRC 2019 Santa Cruz

## Final Bid & Local rules



Final bid and local rules presentation. ANR Sub comm did agree on it.

# Status Report WAG 2020 & ANR Seminar China

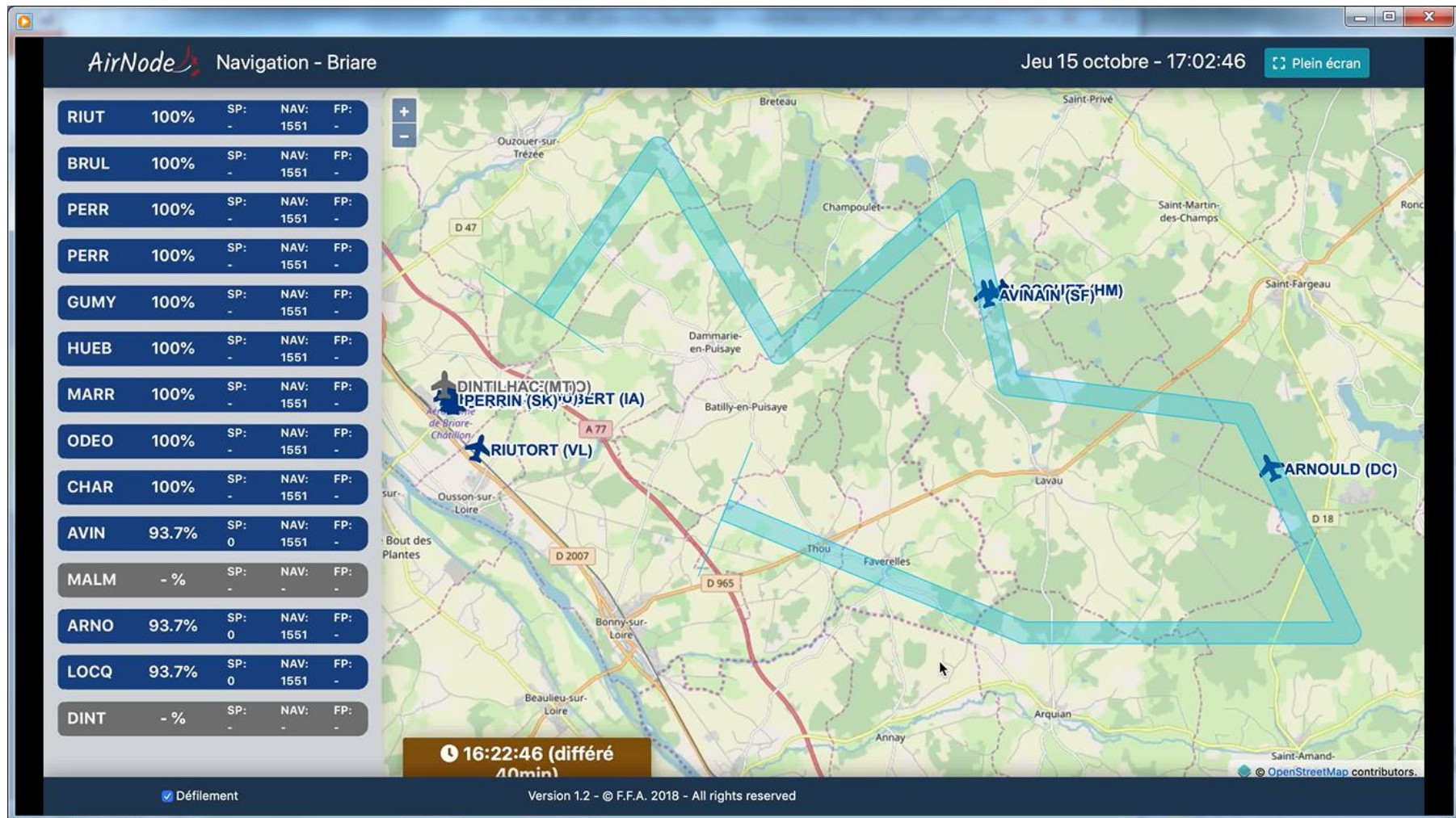


Reports given by Heinrich Schawalder  
(FAI Minutes/Reports)





# Report & Impressions ANR Briare



# ANR Development Presentation (Spain)



# FAI GAC ANR scoring software



To download and to get all guidelines & videos go to:

<https://www.fai.org/page/gac-air-navigation-race>

The screenshot shows the GitHub repository page for 'ArminZ/ANR\_Scoring\_And\_Visualisation'. The browser address bar shows the URL 'https://github.com/ArminZ/ANR\_Scoring\_And\_Visualisation/releases'. The repository page includes a navigation bar with links to Features, Business, Explore, Marketplace, and Pricing. Below the navigation bar, the repository name 'ArminZ / ANR\_Scoring\_And\_Visualisation' is displayed, along with statistics: 1 Watch, 0 Stars, and 0 Forks. A notification banner prompts the user to 'Be notified of new releases' and offers a 'Sign up' button. The 'Releases' tab is selected, showing the 'Latest release' as 'v2.0.0' with commit hash 'c61d91c'. The release details include a description: 'ArminZ released this Aug 19, 2017 · 1 commit to master since this release'. Under the 'Assets' section, there are four downloadable files: 'anr\_install\_2.0.0.zip' (12 MB), 'Documentation.zip' (24.3 MB), 'Source code (zip)', and 'Source code (tar.gz)'.

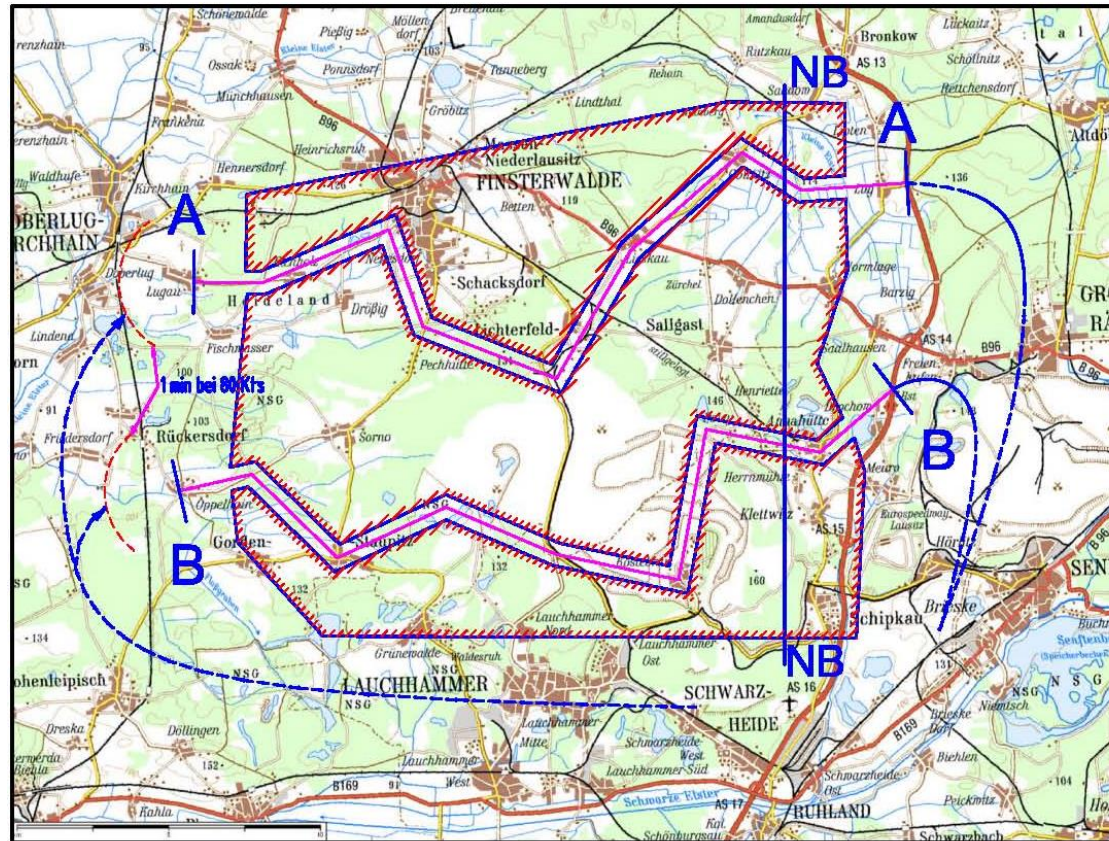


# Up-coming / Past Events



- 25 - 30 November 2018 ANR Seminar China
- International ANR Training in Donaueschingen, GER (Date tbd December)
- 5 – 14 September WANRC 2019 Portugal (Final bid process)
- 4 – 13 September WAG2020 Turkey
- [14 – 16 September 2018 ANR Briare, France](#)

# Open discussion



	Dist.	TT	EET	ETO
T0				
SP				
TP1				
TP2				
TP3				
TP4				
TP5				
TP6				
TP7				
TP8				
TP9				
FP				
=				

Airways = 0.4 NM

Time = 12' / 80 Kts

Dist.= 16 NM



2011  
Test-Parcour  
Schipkau

Scale	Name	John DUCRET
1:200'000	Date	September 2011
	Visum	Maurice DUCRET
SCHIPKAU		

# My coordinates



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... or just 47.05907°N / 7.62792°E ☺