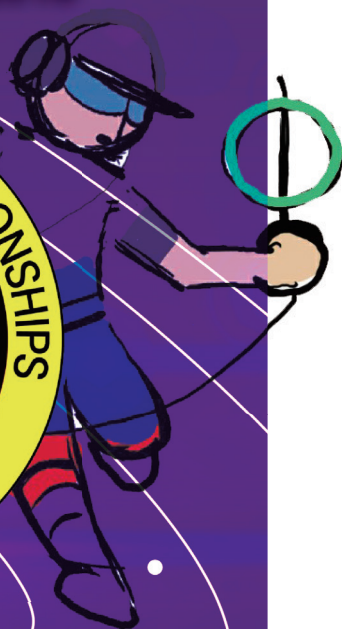




The 19th World ARDF Championships Sokcho, Korea September 02 ~ 08, 2018



Bulletin No.4
(Updated 31st Aug 2018)
www.ardf2018.kr

1. Organizer

Korean Amateur Radio League (KARL)

The Organizing Committee of the 19th World ARDF Championships

Contacts :

Angela Yeonglan Park

Phone: +82 2 575 9581

E-mail: ardf2018@hanmail.net

Website: www.ardf2018.kr

2. Event center

Hanwha Resort Seorak Sorano, Sokcho City, Gangwon Province, Korea

<http://www.hanwharesort.co.kr/irsweb/resort3/eng/index.asp>

3. International Jury

Ole Garpestad	LA2RR	NRRL, Norway	Reg1	Chairman of the Jury
Panayot Danev	LZ1US	BFRA, Bulgaria	Reg1	Member
Igor Lazarev	US0VA	UARL, Ukraine	Reg1	Member
Kurt Smet	ON4CHE	UBA, Belgium	Reg1	Member
PA Nordwaeger	SM0BGU	SSA, Sweden	Reg1	Member
Karl-Heinz Schade	DL7VDB	DARC, Germany	Reg1	Member
Keith Witney	VE7KW	RAC, Canada	Reg2	Member
Yoh Hiroshi Izuta	JF1RPZ	JARL, Japan	Reg3	Member
Kim Duck Ki	DS3EXT	KARL, Korea	Reg3	Siting referee
Choi Seung Mock	HL2OCS	KARL, Korea	Reg3	Technical Director
Choi Hyeong Moon	HL4CFN	KARL, Korea	Reg3	Secretary of the Jury
Yasunori Iwata	JH2DFJ	JARL, Japan	Reg3	Observer

4. The notice from the Organizing Committee

The deadline for submitting the starting order changes from 15:00 to 12:00 on Sep 3rd because we need more time to do work for making the starting list. It was approved by the International Jury on 17th Aug.

Please each country submits all information on starting groups before 12:00 pm on 3rd of Sep.

17.4 At or before the event check-in and in no circumstances later than 15:00 on the day before the first competition, each team shall allocate its competitors to 3 starting groups, separately for each competition and each category. If a team fails to allocate its competitors to starting groups in time, competitors will be allocated in the order in which they are entered.

5. Timetable of the Championships

2nd of September, Sun

- 14:00 Arrivals, Registration
- 17:00-18:00 International Jury meeting
- 18:00-20:00 Dinner
- 19:30-20:00 International Jury meeting

3rd of September, Mon

- 07:30 Breakfast
- 09:00-10:30 Training (Sprint)
- 10:30-11:30 Training (Foxoring)
- 12:00-13:30 Lunch
- 13:30 Training (Classics)
- 15:30 Team Leader Meeting
- 17:00 Opening Ceremony
- 19:00 Dinner
- 21:00 International Jury meeting

4th of September, Tue

- 06:15 Breakfast
- 07:00 Buses with competitors start to the terrain
- 08:30 Buses with visitors start to the finishing area
- 09:00 First start (Foxoring)
Jury meeting at the finishing area
Buses start from the finish to the event center periodically.
- 17:00 International Jury meeting (if necessary)
- 17:30-19:30 Dinner
- 18:45-19:50 Team Leader meeting
- 20:00 Awarding Ceremony

5th of September, Wed

- 06:15 Breakfast
- 07:00 Buses with competitors start to the terrain.

08:30 Buses with visitors start to the finishing area
 09:00 First start (First Classics 3.5MHz, 144MHz)
 Jury meeting at the finishing area
 Buses start from the finish to the event center periodically.
 17:00 International Jury meeting (if necessary)
 17:30-19:30 Dinner
 18:45-19:50 Team Leader meeting
 20:00 Awarding Ceremony

6th of September, Thu

06:15 Breakfast
 07:00 Buses with competitors start to the terrain.
 08:30 Buses with visitors start to the finishing area
 09:00 First start (Sprint)
 Jury meeting at the finishing area
 Buses start from the finish to the event center periodically.
 12:00 Lunch
 13:00 International Jury meeting (if necessary)
 14:00 Excursion Buses start from the event center
 17:30-19:30 Dinner
 18:45-19:50 Team Leader meeting
 20:00 Awarding Ceremony

7th of September, Fri

06:00 Breakfast
 07:00 Buses with competitors start to the terrain.
 08:30 Buses with visitors start to the finishing area
 09:00 First start (Second Classics 3.5MHz, 144MHz)
 Jury meeting at the finishing area
 Buses start from the finish to the event center periodically.
 17:00 International Jury meeting (if necessary)
 18:00 Awarding Ceremony
 19:00 Farewell Party

8th of September, Sat

07:00~09:00 Breakfast
 Not later than 10:00 Check-out, Departure

6. The notice from the Organizing Committee

Categories: W19, M19, W21, M21, W35, M40, W50, M50, W60, M60, and M70.

Bags will be transported from start to finish on all completion days.

Flags: standard orange and white triangle

Number bibs: Competitors will get 2 pcs of number bibs. It is the same for each competition day. Competitors shall wear bibs on the chest and the back.

Marking device: SportIdent system will be used. SI card numbers will be collected in the entry form. SI-card 8 will be provided for those who do not have SI-cards.

7. Information about the competitions

7-1 Sizes of the maps, scales, vertical contours and coordinates of the finish

Foxoring – 42×29cm(33×23cm), 1:10,000, H=5m, 38.0500 N, 128.3629 E

Sprint – 29×21cm(22×19cm), 1:5,000, H=2.5m, 38.0527 N, 128.3931 E

First Classics – 25×36cm(18×30cm), 1:15,000, H=5m, 38.0753 N, 128.3708 E

Second Classics – 29×21(24×17cm), 1:15:000, H=5m, 37.5437 N, 128.4847 E

7-2 Courses for Categories

Foxoring

Date	Competition	Category	Number of Transmitters	Limit min	Controls
4-9-2018	foxoring	W19	2F,3,4,4F,5,B	140	6
4-9-2018	foxoring	W21	1,2F,3,4,4F,5,B	140	7
4-9-2018	foxoring	W35	1,3,4,4F,5,B	140	6
4-9-2018	foxoring	W50	1,2F,4,5,B	140	5
4-9-2018	foxoring	W60	1,2F,3,4,B	140	5
4-9-2018	foxoring	M19	2,2F,3,4,4F,5,B	140	7
4-9-2018	foxoring	M21	1,1F,2F,3F,4,4F,5,5F,B	140	9
4-9-2018	foxoring	M40	1,1F,2F,4,4F,5,B	140	7
4-9-2018	foxoring	M50	1,2F,3,4,4F,B	140	6
4-9-2018	foxoring	M60	1,2F,3,4F,5,B	140	6
4-9-2018	foxoring	M70	1,3,4F,5,B	140	5

Starting corridors 40m, finishing corridors 70m

Time limits: 140 minutes;

Classics Day 1

Date	Competition	Category	Number of Transmitters	Limit min	Controls
5-9-2018	80m	W19	1,3,4,5,B	140	5
5-9-2018	80m	W21	2,3,4,5,B	140	5
5-9-2018	2m	W35	1,3,4,5,B	140	5
5-9-2018	2m	W50	2,3,5,B	140	4
5-9-2018	2m	W60	3,4,5,B	140	4
5-9-2018	80m	M19	1,2,4,5,B	140	5
5-9-2018	80m	M21	1,2,3,4,5,B	140	6
5-9-2018	80m	M40	1,2,3,4,B	140	5
5-9-2018	2m	M50	2,3,4,5,B	140	5
5-9-2018	2m	M60	2,4,5,B	140	4
5-9-2018	2m	M70	1,4,5,B	140	4

Starting corridors 40m, finishing corridors 90m

Time limits: 140 minutes

Sprint

Date	Competition	Category	Number of Transmitters	Limit min	Controls
6-9-2018	sprint	W19	1,2,3,S,1F,3F,4F,5F,B	60	9
6-9-2018	sprint	W21	1,2,3,4,5,S,2F,3F,4F,5F,B	60	11
6-9-2018	sprint	W35	1,2,3,5,S,1F,3F,4F,5F,B	60	10
6-9-2018	sprint	W50	1,2,5,S,2F,3F,4F,B	60	8
6-9-2018	sprint	W60	1,3,S,2F,3F,4F,B	60	7
6-9-2018	sprint	M19	1,2,3,S,2F,3F,4F,5F,B	60	9
6-9-2018	sprint	M21	1,2,3,4,5,S,1F,2F,3F,4F,5F,B	60	12
6-9-2018	sprint	M40	1,2,3,5,S,1F,2F,3F,4F,5F,B	60	11
6-9-2018	sprint	M50	1,2,3,5,S,2F,3F,4F,5F,B	60	10
6-9-2018	sprint	M60	1,3,5,S,2F,3F,4F,5F,B	60	9
6-9-2018	sprint	M70	1,3,S,2F,3F,5F,B	60	7

Starting corridors 40m, finishing corridors 50m

Time limits: 60 minutes

Classics Day 2

Date	Competition	Category	Number of Transmitters	Limit min	Controls
7-9-2018	2m	W19	1,2,4,5,B	140	5
7-9-2018	2m	W21	1,2,3,5,B	140	5
7-9-2018	80m	W35	2,3,4,5,B	140	5
7-9-2018	80m	W50	1,2,4,B	140	4

7-9-2018	80m	W60	1,2,5,B	140	4
7-9-2018	2m	M19	1,3,4,5,B	140	5
7-9-2018	2m	M21	1,2,3,4,5,B	140	6
7-9-2018	2m	M40	1,2,3,4,B	140	5
7-9-2018	80m	M50	1,3,4,5,B	140	5
7-9-2018	80m	M60	2,3,5,B	140	4
7-9-2018	80m	M70	2,4,5,B	140	4

Starting corridors 120m, finishing corridors 120m

Time limits: 140 minutes.

7-3 List of transmitters and band assignments

Foxoring: M21 will search for 8 transmitters, W21, M19 and M40 will search for 6 transmitters, W19, W35, M50 and M60 will search for 5 transmitters, while W50, W60 and M70 will search for 4 transmitters;

Sprint: M21 will search for 10 transmitters, W21 and M40 will search for 9 transmitters, W35 and M50 will search for 8 transmitters, W19, M19 and M60 will search for 7 transmitters, W50 will search for 6 transmitters, while W60 and M70 will search for 5 transmitters;

All categories have to search for 'S' transmitter, too

Classic 1:

W19, W21, M19, M21 and M40 will compete on 3.5 MHz (white-orange prisms).

W35, W50, W60, M50, M60 and M70 will compete on 144 MHz (white-orange prisms with vertical blue line);

Classic 2:

W35, W50, W60, M50, M60 and M70 will compete on 3.5 MHz (white-orange prisms).

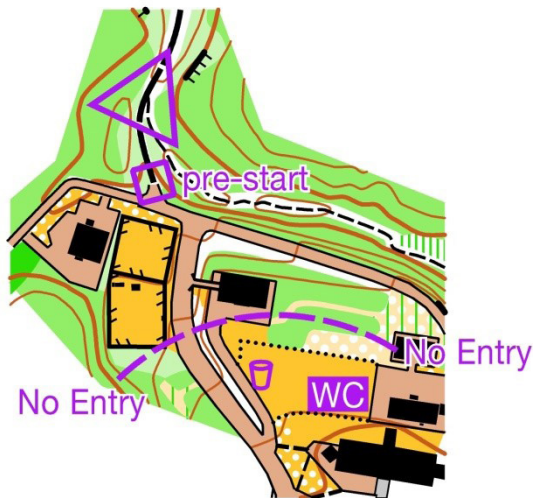
W19, W21, M19, M21 and M40 will compete on 144 MHz (white-orange prisms with vertical blue line);

Both days M21 will search for 5 transmitters, W19, W21, W35, M19, M40 and M50 will search for 4 transmitters, while W50, W60, M60 and M70 will search for 3 transmitters.

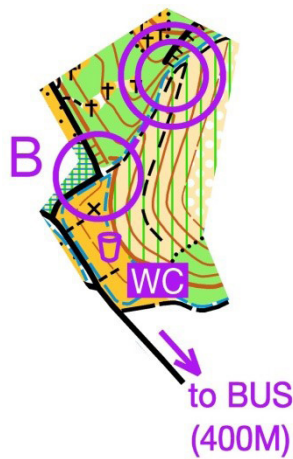
All other details will be announced at the Team Leaders meeting before each competition.

7-4 Start and finish area arrangement

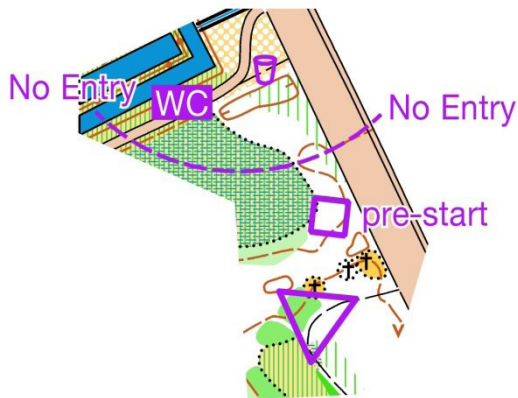
FOXORING START



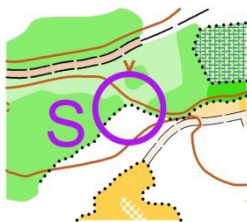
FOXORING FINISH



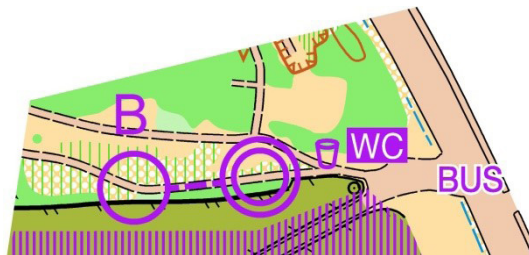
SPRINT START



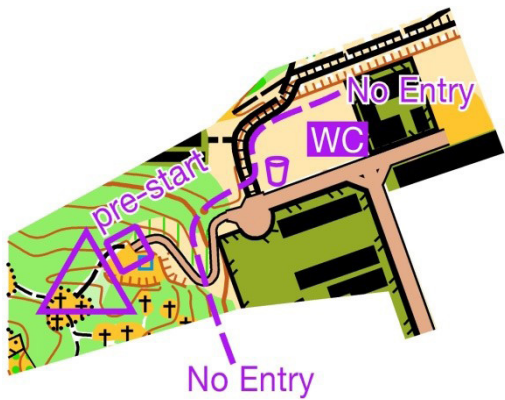
S AREA



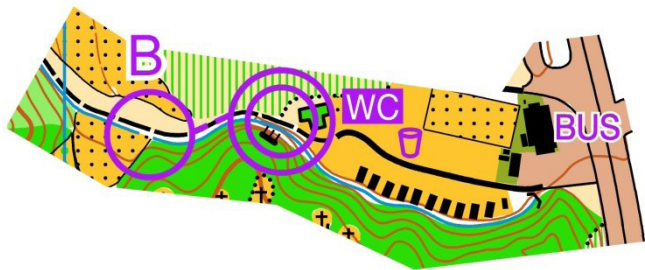
SPRINT FINISH



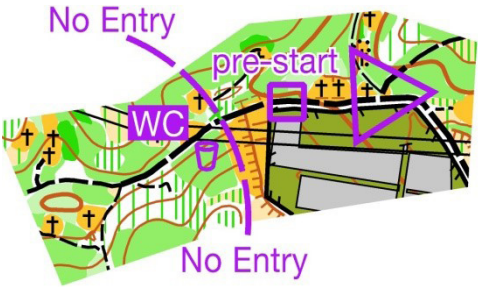
Classic 1 START



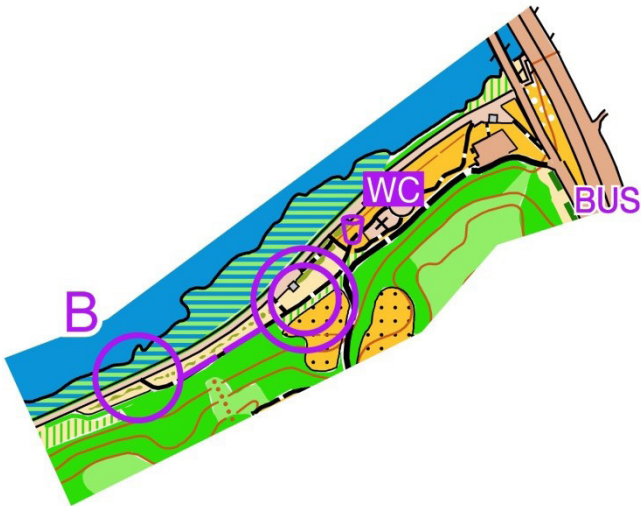
Classic 1 FINISH



Classic 2 START



Classic 2 FINISH



7-5 Technical parameters of the transmitters to be used for each competition

Frequency allocations for the 3.5MHz competition

Frequency / Competition	Classic	Sprint	Foxoring
3520kHz		TX 1...5	TX 1, 1F, 2, 2F
3550kHz	TX 1...5	Spectator (S)	TX 3, 3F, 4, 4F
3580kHz		TX 1F...5F	TX 5, 5F
3600kHz	Beacon	Beacon	Beacon

Frequency allocations for the 144MHz competition

144.500 MHz TX 1...5

144.850 MHz Beacon

Output RF Powers

3.5 MHz Classic : TX 1...5 and Beacon 3W

3.5 MHz Sprint : TX 1...5, 1F...5F, S and Beacon 1W

3.5 MHz Foxoring : TX 1...5, 1F...5F 10 mW and Beacon 3W

144 MHz Classic : TX 1...5 and Beacon 1W

Antennas

3.5 MHz Classic : 8m vertical + 8m counterpoise

3.5 MHz Sprint : 8m vertical + 3×5m 3-radial counterpoise

3.5 MHz Foxoring : TX approx. 30cm vertical,

Beacon 8m vertical + 8m counterpoise

144 MHz Classic : Crossed Dipoles 3m above ground level

7-6 Terrain characteristics, clothing and weather:

The terrains are located within a 60 Km range from the event center and around the beach.

Foxoring, Classic 1 and 2

These are consisting of low mountains, forests, farmland and villages. There are places with thorns, bushes, deep ravines, and cemeteries. Sometimes you will come up against construction yards, military facilities and out-of-bounds areas. Please do not enter any private or agricultural lands (including orchards), although it is not marked as a restricted area on the map, these are off limits. Fences (including electrical fences) are often installed on private land and farmland boundaries, but are rarely shown on maps. There is not much traffic on the roads, so please be careful when crossing roads.

Sprint

The terrain for Sprint is a low forest less than 20 meters above sea level and consisting of coastal campsites, gently sloping forests, roads, buildings, fences and out-of-bounds areas.

All terrains have the following risks. Details will be announced to the team leaders before the competition.

Animals and Insects

In rare cases, you may encounter snakes, wild boar, elk, dogs, and bees. Competitors need to wear appropriate clothing. Dressing in light layers is recommended. Trousers must be long, short pants are not recommended. A pleasant and cool weather around 22°C-28°C degrees is expected, however be prepared for unexpected rain and cooler temperatures.

8. Insurance and Medical care

A First aid facility will be available at the finish areas for all competitors at no cost to the participants. On-site First Aid applies for minor treatment only. However, the cost for any ambulance transportation, emergency department visits, and clinic visits will be the participant's responsibility. Therefore, we recommend that you purchase travel insurance to cover the expense of any extra needed medical care.

9. Cultural Program

After finishing the Sprint, you will be able to visit the Unification observatory at the DMZ.

It will take an hour by bus. It is located at Goseong-Gun, Gangwon Do of Korea's northernmost province.

Since 1983 it has been taking a role as the first education center for unification security to experience division reality directly & inscribe a desire for unification for over 20 years.

The Unification Observatory is an education center of living experiences to console pains for displaced people missing their mountains & rivers and gives a glimpse into the experiences of division reality & the will of unification for the children of those

families that were separated.

Also, it shows the actual state of the only divided nation in the world to foreigners.

In addition, at the age of peacemaking & exchange between South & North Korea, the meaning of the Unification observatory located at the key point for exchange & Geumgangsan Land Tour has been renewed as the spot of cooperation & exchange between South & North Korea.

At Unification Observatory, you can see wonderful four season's view of Geumgangsan called the most noted mountain of North Korea directly with the naked eye.

Enjoy the beauty of Geumgangsan having a view of different seasons like the principal peaks including Birobong as the top peak of Geumgangsan, Haegeumgang as the end of Geumgangsan and Gamho having legend of firewood gatherers & fairies.