



**FIS**

**FIS points**

Calculations and result lists

# FIS points

- ✓ Why?
  - ✓ World-wide ranking system
  - ✓ Easy ranking if mass-start
  - ✓ Gives an idea of the quality of the competition (race penalty)
  - ✓ Qualifying for OWG, WSC, WC

# FIS points

- ✓ The race
  - ✓ In the FIS calendar
  - ✓ Follow the ICR
  - ✓ At least five competitors have to be classified

# FIS points

- ✓ The competitor
  - ✓ Signed AD
  - ✓ Registered by NSA
  - ✓ FIS code and name listed on result list

# FIS points

## ✓ CC FIS codes (info dated 13.10.2005)

Dear Skifriends,

We herewith inform you that according to Art. 2.4 CC FIS Points Rules it is possible for National Ski Associations to request new FIS Codes without being charged a registration fee (please mention that separately at the registration). The publication on the FIS points list will only be made after the official registration!

Example: Athlete, DOB; *FIS Code without fee (without registration on the FIS points List)*

Athlete, DOB; *FIS Code including registration on the FIS points List*

As only athletes with an official FIS Code are allowed to participate at FIS races (Article 7 Preface) with the above mentioned system we can ensure that every athlete has the right to start!

Advantages of this system are:

- Correct result lists with complete FIS Codes, therefore avoidable sources of errors
- Possibility of electronical results transmission by XML files
- Quicker publication on the FIS Website

As nevertheless many athletes still would like to start without FIS Codes, the OC and the TD have to get in touch with each other in time to co-ordinate this situation. Then they can contact the correspondent National Ski Associations and through them ask for the missing FIS Codes at FIS (either register officially for the FIS points list, or ask for a FIS Code without publication on the FIS points list). This again guarantees that every athlete has a FIS Code!

**Only the National Ski Associations can ask for FIS Codes!**

# FIS points

- ✓ Race points vs FIS points
  - ✓ Unofficial result list → race points
  - ✓ Official result list → FIS points
- ✓ Race points without penalty
- ✓ FIS points with penalty

# FIS points

## ✓ Calculation process – race points

✓ Calculated by computer

✓  $P = (F * T_x / T_o) - F$

✓ In excel:

✓  $= (800 * 116 / 115) - 800$

Ran	Fis code	Name	Team	Nation	Time	Diff.	Race-points
1	3420023	Tord Asle Gjerdalen	Holeværingen, IL	NOR	40:49,9	0,00	2449,90
2	3420228	Martin Johnsrud Sundby	Røa IL	NOR	41:08,3	18,4	2468,30
3	1356545	Roger Aa Djupvik	Fjellhug /	NOR	41:15,2	25,3	2475,20
4	1051189	Katsuhito Ebisawa	Ski Association	JPN	41:17,5	27,6	2477,50

# FIS points

✓ The F-value

<i>Factor</i>	<i>Competiton format</i>
Factor 800	Interval start
Factor 1200	Sprint and pursuit with a break
Factor 1400	Mass start and pursuit without a break

# FIS points

- ✓ Calculating penalty
  - ✓ The FIS points (from the valid FIS list) of the top five is considered
  - ✓ The best and worst is eliminated
  - ✓ The three remaining is added and then divided by 3,75
  - ✓ This gives you the race penalty (quality of the race)
- ✓ <G:\Torbjørn\Torbjørn privat\FIS\FISpoint skjema.pdf>
- ✓ <G:\Torbjørn\Torbjørn privat\FIS\Resultater BUL 2005\FIS points W 10C and W 10F.pdf>

# FIS points

## ✓ Minimum penalties

	Ladies	Men
Olympic Winter Games	0	0
World Championships	0	0
World Cup	0	0
Cont.Cup & FIS race	15	15
FIS junior race	35	35

# FIS points

- ✓ Calculation process – FIS points
  - ✓ Calculated by computer
  - ✓  $P = (F \cdot T_x / T_o) - F + \text{FIS points of winner}$
  - ✓ In excel:
  - ✓  $= (800 \cdot I16 / I15) - 800 + H15$

Ran	Fis code	Name	Team	Nation	Time	Diff.	FIS-points	
1	3420023	Tord Asle Gjerdalen	Holeværingen, IL	NOR	40:49,9		30,62	2449,90
2	3420228	Martin Johnsrud Sundby	Røa IL	NOR	41:08,3	18,4	36,63	2468,30
3	1356545	Roger Aa Djupvik	Fjellhug /	NOR	41:15,2	25,3	38,88	2475,20
4	1051189	Katsuhito Ebisawa	Ski Association	JPN	41:17,5	27,6	39,63	2477,50

# FIS points

- ✓ Result list
  - ✓ The TD is responsible that every result list contains all athletes including their FIS codes!
  - ✓ Many examples of result lists lacking FIS codes and/or points

## Resultatliste

NM del II

01.04.2006

Plass	Navn	Klubb	Distrikt	Tid	Etter
<b>Kvinner senior 30km fri fellesst</b>					
1	Ann Eli Tafjord	Valdal IL	0	<b>1:22:55,9</b>	
2	Hilde Gjermundshaug	Nybygda IL	0	<b>1:23:59,3</b>	01:03,4
3	Kristin Størmer Steira	Forsøk, IL	0	<b>1:24:29,1</b>	01:33,2
4	Kristin Mürer Stemland	Byåsen IL	0	<b>1:24:31,7</b>	01:35,8
5	Kine Beate Bjørnaas	Varden, IL	0	<b>1:25:09,0</b>	02:13,1
6	Laila Selbæk	Strindheim IL	0	<b>1:29:19,5</b>	06:23,6
7	Betty Ann Bjerkreim Nilsen	NTG / Vestringen IL	0	<b>1:29:26,1</b>	06:30,2
8	Ingunn Hultgreen Weltzien	Heming, IL	0	<b>1:29:31,6</b>	06:35,7
9	Marte Elden	Henning Skilag	0	<b>1:29:35,0</b>	06:39,1
10	Miia Tuovila	Sør-Fron IL Ski	0	<b>1:29:45,0</b>	06:49,1

# FIS points

- ✓ Result list
  - ✓ Minimum is FIS code, name, time and points

## BUL sprinten 2005

### Result Women 10km CLA

**Jury/Competition management**  
 Technical Delegate, chairman  
 Assistant TD International  
 Chief of Competition

Saturday 26. Nov 2005

Torbjørn B. Pettersen  
 Kari Siem  
 Bjørnar Bakken

**Data of course**

Name of course Natrudstilen  
 Height Difference (HD) 44m  
 Maximum climb (MM) 35m  
 Total Climb (MT) 190m  
 Length of lap 4985m  
 Laps 2

Rank	Fis code	Name	Team	Nation	Time	Diff.	FIS-pkt.
1	1274580	Masako Ishida	Ski Association	JPN	30:40.9		68.70
2	1350628	Nobuko Fukuda	Ski Association	JPN	31:06.7	00:25.8	79.91
3	1062053	Sumiko Yokoyama	Ski Association	JPN	31:13.6	00:32.7	82.91
4	3425162	Marit Liland Fredriksen	Stokmarknes IL	NOR	31:27.7	00:46.8	89.04
5		Therese Johaug	Tynset IF	NOR	31:28.2	00:47.3	89.26
6	3425004	Ingvild Aas	Raufoss IL	NOR	31:29.7	00:48.8	89.91
7	3425155	Sigrid J. Aas	Tverrelvdalen IL	NOR	31:47.4	01:06.5	97.60
8	3425051	Ann Eli Tafjord	Valldal IL	NOR	31:59.0	01:18.1	102.64
9	1212403	Mia Tuovila	Sør-Fron IL	NOR	32:05.2	01:24.3	105.33
10	1355672	Laila Selbæk	Strindheim IL	NOR	32:14.3	01:33.4	109.29
11	3425117	Marte Elden	Henning Skilag	NOR	32:20.2	01:39.3	111.85
12	3425036	Lena Jensen	Kilkameratene, IF	NOR	32:31.2	01:50.3	116.63

# FIS points



## Svenska Skidspelen

FIS World Cup Falun



### "VISSMANN" FIS WORLD CUP CROSS-COUNTRY

17th World Cup Competition  
Falun (SWE)



presented by



Women Pursuit C 7.5 km + F 7.5 km

SAT 19 MAR 2005

Start Time: 12:00

End Time: 12:49

### Result

Jury Information						Course Information					
Technical Delegate	PEKK Tiit	EST	Name:	3.75 m C/3.75 F							
FIS Race Director	CAPOL Juerg	FIS	Height Difference (HD):	51 m/59 m							
Assistant Technical Delegate	MALM Johan	NOR	Maximum Climb (MC):	27 m/29 m							
Assistant TD Nat.	GRANLUND Thomas	SWE	Total Climb (TC):	208 m/278 m							
Chief of Competition	JONS Tomas	SWE	Length of Lap:	3750 m/3750 m							
			Number of Laps:	2/2							

  

Rk.	Bib	FIS Code	Name	NOC	7.5 km C Time	Rk.	Pit Stop Time	Rk.	7.5 km F Time	Rk.	Finsh Time	Behind	FIS Points
1	1	1303777	B.,OERGEN Marit	NOR	21:26.0	3	29.2	1	18:56.4	5	40:51.7	0.0	0.00
2	2	1054778	NEUMANNOVA Katerina	CZE	21:40.1	5	29.6	3	18:54.2	3	41:04.0	+12.3	7.02
3	4	1092996	TCHEPALOVA Julija	RUS	21:48.3	13	31.8	15	18:45.2	1	41:05.4	+13.7	7.82
4	17	1256732	SACHENBACHER Evi	GER	21:42.1	9	31.6	13	18:52.1	2	41:05.0	+14.3	8.17
5	10	1002786	PARUZZI Gabriella	ITA	21:42.5	10	33.0	26	18:55.5	4	41:11.1	+19.4	11.08
6	6	1260903	PEDERSEN Hilde G.	NOR	21:25.1	1	31.1	11	19:16.6	8	41:12.8	+21.1	12.05

# FIS points

- ✓ How to do it in Excel
  - ✓ Some organizers don't have a timing system capable of calculating FIS points
  - ✓ The TD can help them do it in Excel
  - ✓ All timing systems can export to Excel
  - ✓ <G:\Torbjørn\Torbjørn privat\FIS\Resultater BUL 2005\Men 15C.xls>

Ra	Fiscode	Name	Team	Nation	Time	Diff.	FIS-pkt	
1	3420023	Tord Asle Gjerdalen	Holeværingen, IL	NOR	40:49,9		30,62	2449,90
2	3420228	Martin Johnsrud Sundby	Røa IL	NOR	41:08,3	00:18,4	36,63	2468,30
3	1356545	Roger Aa Djupvik	Fjellhug /	NOR	41:15,2	00:25,3	38,88	2475,20

