



# *Common Waxing*

*in IBU RE events*

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# **COMMON WAXING means**

**Unified Ski preparation**  
(same for all)

**Cooperation**  
(between Teams, Technicians, OC)







- *Common Waxing = Collaboration with Teams*
- *All skis will be cleaned and waxed in the same way before each Competition according the IBU Common Waxing Procedure*
- *Measured by Bruker Alpha II FT-IR Spectrometer on side (if possible)*
- *Tools, Equipment and Fluor Free waxes from IBU Suppliers*



**IBU THANKS ITS SUPPLING PARTNERS  
FOR THEIR VALUABLE SUPPORT**



# COMMON WAXING

## PREPARATION THE DAY BEFORE COMPETITION

# COMMON WAXING THE DAY BEFORE

- **Collect the ski after Draw in scheduled time**
- **More time to prepare skis (possible hot waxing)**
- **No stress before the race – just bring skis to the Start area**
- **Possible to add Manual structure**
- **Technicians are available during the Competition**



***Common waxing day before***  
***(IND, SPR, MR, Relays)***

**Time to deliver the ski  
and Start Common Waxing**

***According to the Daily Schedule***



***Base preparation by Teams before Common Waxing***

**Only *base* Fluor Free waxes** *officially supplied by the IBU or accepted by RE OC*





**Base preparation by Teams before Common Waxing**  
**Scrape and brush properly**





# COMMON WAXING PROCEDURE

## 1. **SKI MARKING**

- **Skis must be delivered to the wax station in scheduled time**
- **Marked by Technicians with the appropriate stickers (Athletes start number)**







# COMMON WAXING PROCEDURE

## 2. *SKIS CLEANING*

- **Cleaned with liquid wax cleaner applied by sponge bottle**
- **Brush 2x by roto brush : copper (bronze) or soft steel**
- **Let the ski base dry**







# COMMON WAXING PROCEDURE

## **3. LIQUID WAX APPLICATION**

- **Brush the base again with hand steel brush and wiped**
- **Applied dedicated Liquid wax**
- **Let the wax dry (according to the producer's recommendation)**





# COMMON WAXING PROCEDURE

## **4. POLISHING THE SKIS**

- **Polish ski base by a dedicated roto wool or brush**
- **Wiped from the dust**



***Done the same way !!!***





# COMMON WAXING PROCEDURE

## **5. Manual Struktur**

***Each Team may add a manual structure within the scheduled time before the start***

***Brush after or wiped by CW tools***



# Manual Structure

**Possible to add before each race  
in time window**

**90-30 minutes before the Competition Start**

**Only at the CW station in the presence of OC Officials  
by NF's Technicians (max 2 from each Team)  
Strictly following the common rules**



# COMMON WAXING PROCEDURE

## **6. *SKIS TRANSPORT***

- **Skis will be transported to the Start area by Volunteers in ski holders**
- **Skis will be stored in the dedicated Tent close to the Start corridor entrance**



# COMMON WAXING PROCEDURE

## **7. PICK UP SKIS BEFORE START**

- **Skis will be handed over by the Athlete directly before the Start at the entrance to the starting corridor**
- **The Athlete must collect the skis personally, without the assistance of the referee**

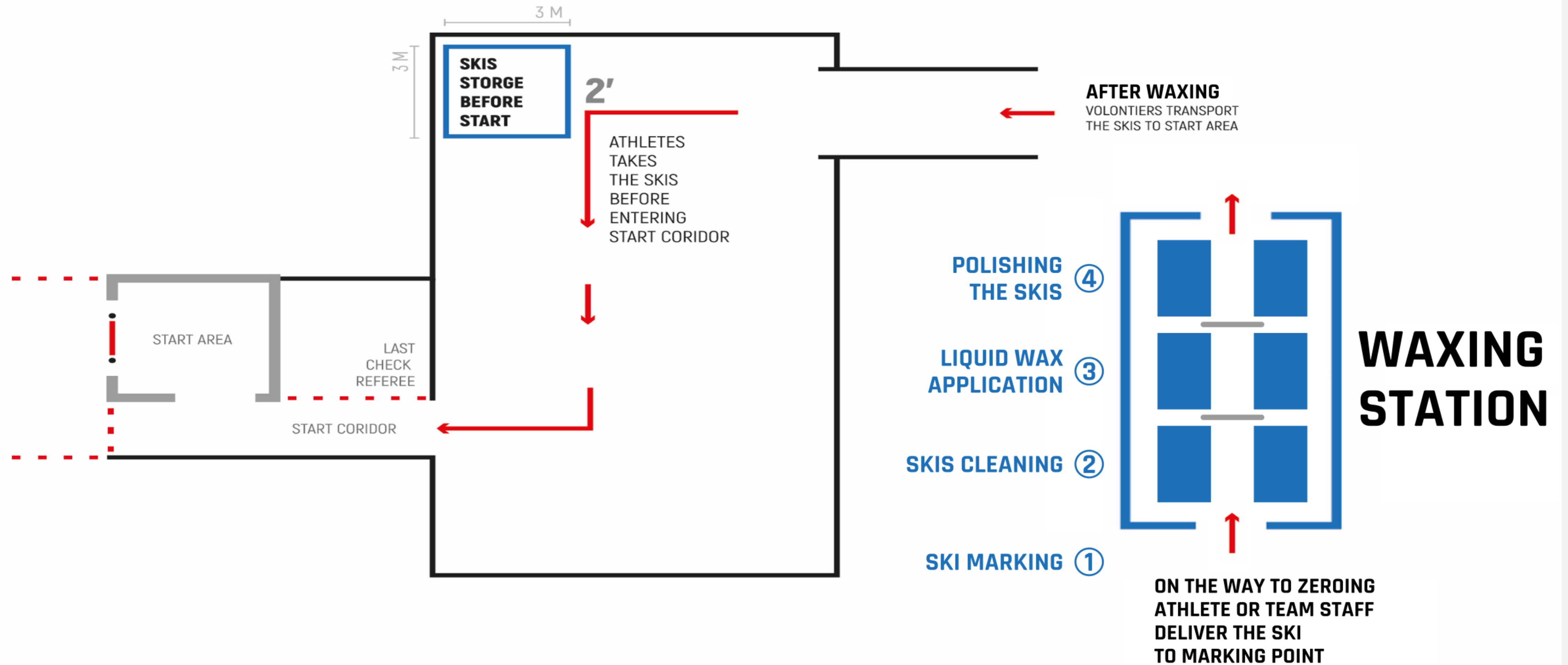


# COMMON WAXING

**Pick up skis  
by the Athlete**  
**(without help from  
Referee/Volunteer)**









## **In cooperation with Suppliers, the IBU/OC will provide:**

- **Ski Waxes for different conditions**
- **Dedicated Roto & hand brushes**
- **Liquid wax cleaner**
- **Aku drills with an additional battery**
- **Ski racks**
- **Waxing tables/ profiles**
- **Fluor test device (if possible)**



## In cooperation with NFs' Teams:

- **4-8 Technicians (Before every Competition day)**
- **Each NF - one time (3h) during JC week**
- **Experience and professional work**
- **Opportunity to learn and share experience**



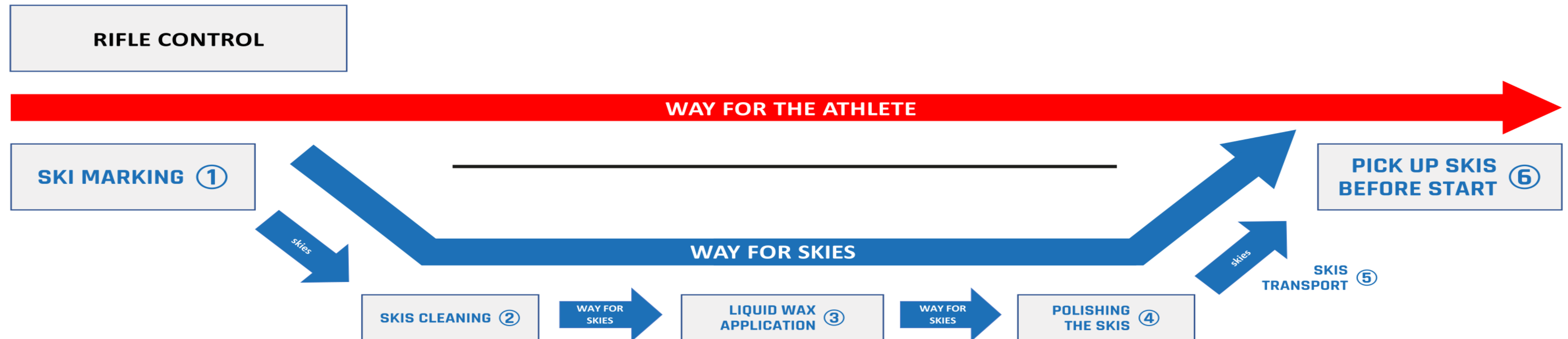


# COMMON WAXING

## PREPARATION DURING THE COMPETITION DAY



# COMMON WAXING PROCEDURE





# COMMON WAXING PROCEDURE

- **Skis must be delivered to the wax station **1 h 15 min** before the RACE START**
- **The remaining procedure is similar to that of waxing on the day before the competition**



# COMMON WAXING Rules

- **Whole protocol**
- **What is allowed or not allowed before**
- **Penalties**



# ***FUTURE GOAL***

- **Simplify the procedure**
- **Respect the procedure by all teams**
- **Trust in the system**
- **Maintaining Fair competition**