



**MILCOMP Tech Delegate Report: Visit/Inspection #2 in Tallinn, Estonia from 24-28 June 2019  
Between Tech Delegate CAPT(USN) Grant Staats and Host Planner CPT(EST) Raul Hindov.**

Technical Delegate and Jury Members

1. Below is a summary of what has been done and discussed between CIOR 2019 Technical Delegate and the lead Estonian MILCOMP Planner along with his different Estonian (EST) representatives wrt the progress of the planning phase of the competition.
  
2. It was mentioned in the IBM 1 & 2 reports that the Estonians have a “we will make it work” attitude. They continue to go out of their way to assist CIOR MILCOMP Committee/Jury/Delegate representatives during this TD visit 2 period and to organise transport, meetings etc in order for us to continue a successful path in preparation for MILCOMP 2019 in the area around Tallinn, EST.
  
3. Several contact sessions were held with different experts and representatives of the EST MILCOMP management personnel. All competition venues were visited and identified including shooting, obstacles\*, swimming\*\*, orienteering, CCC, and LOAC.  
 \* the primary obstacle course is being built at this time. An alternate course is available in the event the build is not completed but, it is a single-lane course requiring teams to strategize.  
 \*\* the primary swimming contest location has been selected but, atypically, it is an open water (harbour) venue and must pass a water quality test before confirmed. A pool venue has been identified as the alternate site in the event the water does not meet swimmable standards.

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Overall Summary of Disciplines:

Administration:

Registration – 88 registrants so far, expecting in the 90’s, anticipate 32xTms in Total.

Schedule – (\*Committee/TJ/TD – 01AUG/Arrive, 02AUG/Inspect-Org Meet)

- 03AUG/Arrive-IceB,
- 04AUG/Train Shoot-Obst-MOM,
- 05AUG/Train Official Shoot-Swim
- 06AUG/Shoot Comp-Train MOM-Teach CCC
- 07AUG/Obst Comp-Swim Comp
- 08AUG/CCC Comp-MOM Comp-BBQ,
- 09AUG/LOAC Teach-Test-Gala-Awards-Close
- 10AUG/Depart

Scoring/Results – Kaido is S/W Engineer, has/knows program, will be at each result site.

#### Operations:

Shooting Rifle – Electronic both targets, 4xTms shoot together, signed results to Kaido.

Shooting Pistol – Electronic Prec/Paper Rapid, 4xTms shoot together, signed results to Kaido.

Obstacle Course – Build is underway, Completion expected 28JUL, Alternate plan in place.

Utility Swimming – Open water, water quality test needed by 04JUL, Alternate plan in place.

Orienteering –

Map Reading – Site identified/suitable, sequence developing by Kai (w/Kim).

Range Estimation – Site identified/suitable, sequence developing by Kai (w/Kim).

March – Site identified/very good, course and maps developed by Mait.

Grenade Throwing – Site identified/very good, spectator viewing very good.

CCC – Barracks Teach (2hr) 07AUG, Comp 6xTms simul begins 0800 08AUG, before MOM.

LOAC – Barracks Teaching/Testing scheduled for 09AUG morning (3hrs).

#### Logistics:

Accommodations – Police Academy Barracks, 2-3pax/rm, Committee/TJ/TD Indiv rooms.

Movement – Contract bussing for competitors, 3xVans/1xBus for Staff & TJ.

Food – Cafeteria style food, no “special athletic meals”, food is of high quality.

Equipment – No equipment shortages to mention.

Personnel/Staff – ORG is Estonian MIL, Staff/workers are Finnish assistance (12xFINs).

#### Communications:

Internet - WiFi at Barracks and Office spaces, no computer lab planned.

Mobile Phones – Phone and Contact List is main comms method.

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#### FINAL INSPECTION and FIRST MEETING

4. Final Inspection of sites will take place by Committee/TJ on 02AUG at 1000 (1day prior to nation arrivals). Estonian ORG and Committee/TJ meeting will take place on 02AUG at 1500. For Committee/TJ, Registration fees however exclude early arrivals. Following points to be considered:

- a. Committee/TJ arrive 01AUG.
  - i. € 20 per day prior 03AUG for rooms – good indiv rooms are available.
- b. Food at cafeteria will be provided but price still unknown.
- c. Members will be picked up at the airport, Grant needs to know arrival info by 15JUL.
  - i. Kim will only be available starting on the evening of 02AUG.

#### COMMUNICION

5. EST will compile a booklet as part of their gift package. We need to provide our inputs what we want inside the booklet. Minimum contents will be: Schedule, Locations Map, Contact Numbers, Timings/Sequencing of Movements and Team Captain’s meetings.

#### PRELIMINARY MEETING

6. Time for the Preliminary meeting with the nations will be at 17h00 on 03AUG (1.5 hours, but timing depending on arrival of majority of teams).

- a. Opening by MILCOMP Chair.
- b. Address by DoC.

- c. Confirmation by TD.
- d. Team allocation and drawing of lots.

#### ICEBREAKER

7. Icebreaker: There will be an Icebreaker social event after the Preliminary meeting but drinks will be for own account. Date/time is 03AUG at 1900.

#### EVENTS

- 8. Shooting range (Rifle and pistol ranges right next to one another)
  - a. Rifle (Range can be covered in event of rain or bad conditions)
    - i. Rifle: M14 (7.62mm) – 150 weapons have been acquired – 10,000rds acquired.
    - ii. Four teams shoot at one time. (Enough electronic targets have been acquired).
    - iii. Fully electronic target system and targets according to CIOR standard.
    - iv. Score and copy of target indicating shots, are printed on the shooting point.
    - v. Final score print will be taken to scoring desk for review/validation/signature.
    - vi. No need for walking to targets for any confirmation or zeroing.
    - vii. There will be no point in disputing shots. Clearly visible and done by program.
  - b. Pistol (Indoor range)
    - i. Pistol: H&K USP 9mm - 150 weapons have been acquired – 10,000rds acquired.
    - ii. Four teams shoot at one time. (Enough electronic targets for PRECISION acquired).
    - iii. Precision ONLY will be electronic target system according to CIOR standard.
    - iv. Rapid firing will be on paper targets – the target has been modified to fit frame – the top “helmet” target has been moved down by 26cm – it is 9cm from bottom left helmet.
      - 1) RAPID -There is a need to walk to the targets to confirm shots/score.
      - 2) RAPID - Each participant will receive a new target for the competition as per regulations.
  - c. Zeroing and execution
    - i. Estonians will include instructions on the website how to do the sight adjustment on the rifle.

ii. There will be 1 free training, 1 official training as per regulations and then 1 competition event as per regulations.

d. Event will be executed at Männiku Shooting range – 15mins drive from barracks.

## 9. Obstacle courses

a. Land Obstacles - (See picture: dated 25JUN2019):



i. Obstacle course construction is underway – completion date set for 26JUL - UK personnel will test course 1-week prior competition at hosted Team training.

ii. The course will meet regulation standards and is of an S shape - All obstacle cement foundations are poured/complete – track will be cinder.

iii. Do not foresee challenges but, an alternate “single lane” course does exist already and will be used as a contingency – Teams would need to negotiate this single lane course as a Team of 3 and develop their own strategy for execution.

b. Swimming obstacle competition:

\*\*\*To be clear, the final swimming location/site/venue has not been confirmed at this time. At the time of this report (TD Visit #2), the expected venue was in a Harbour. That option has water visibility and safety issues. Therefore, the Estonians are in the process of confirming an indoor swimming pool as the Primary site.

i. Primary site: Indoor swimming pool (10km from barracks).

1) 50m straight course will be used.

2) The table obstacle on this course will be mounted to the pool bottom.



- 3) No issues on this course prevent a standard MILCOMP swimming contest.
  - 4) 50 sets of uniforms are on hand – most sizes are in the mid-range.
- ii. Alternate site: Open water harbour (5m deep / 2km from barracks). SEE PIC
- 1) 50m straight course with no floor/bottom – no mount for table.
  - 2) Boat docks would be positioned to create start/finish decks. The table would not be anchored to the bottom – a pontoon table has been developed. At least one safety boat would monitor swimmers from the course middle-side.
  - 3) This unique venue provides a key opportunity for local spectators/media.
  - 4) A water quality test was conducted July 4<sup>th</sup>. The quality does meet standards identified by EST officials. The water is brackish as it is fed by a river and mixed with the Baltic Sea. The visibility is weak but, suitable since the obstacles are painted yellow.



10. Map Reading: (July 8<sup>th</sup> Following CCC but, before Range Estimation)
- a. 6xTeams will complete this event simultaneously. A workable timing sequence is done.
  - b. Area was not visited but, seen from road - site confirmed. Kim and Kai Willadsen are finalizing the event details.
  - c. Free training will be done in close proximity of accommodation venue.

- d. The best option for MR is to use a 1:10k map. This is unusual as maps for our competition are typically 1:50k, I've even seen 1:20k. The reason for this is that other map scales are of poor quality. Expect 1:10k map scale.
11. Range Estimation: (July 8<sup>th</sup>, Following Map Reading but, before the Orienteering March).
- a. 6xTeams will complete this event simultaneously. A workable timing sequence is done.
  - b. Area was not visited but seen from road - site confirmed. Kim and Kai Willadsen are finalizing the event details.
  - c. Free training will be done in close proximity of accommodation venue.
  - d. EST admin rep will work alongside the scoring programmer (Kaido) to confirm calculation formulas are correct and data entry complete.
12. Orienteering
- a. The area was visited and a civilian Orienteering contractor named Mait has already laid out the track. Raul and Kai have given experienced counsel in the course design.
  - b. Maps of the area have been compiled as per Regulations.
  - c. Control Points have been identified.
  - d. Excellent terrain and conditions.
  - e. Kim provided professional advice and inputs during IBM2.
  - f. Hand grenade (according to Regulations) throwing will be addressed during this event and the possibility of three to four lanes is envisaged.
    - i. Free training will be done in close proximity of accommodation venue.
  - g. Inclusion of activities as stated in Regulations will also be done.

\*\*\*Course Designer's Notes: It is a race with a reasonable degree of difficulty, which includes many different relevant card elements in the race. (Typographic, military (old Soviet), aerial, contour, O-Map, sketches, short recall, compass directions, shadow contours, Lidar contours). The terrain is typically Estonian with a lot of pine forest and minor other forest types, many marshes, lakes and small hills through the area. The competition terrain is almost completely covered by forest, with a number of clearings of varying age. Runnability is above average, however some areas with windfalls occur. The numerous moors and bogs are without dangerous or impassable areas, however they may make your feet wet. Some bog ditches may be quite wide, deep and with muddy bottom. However, the competition route runs mainly on dry areas (forest growing on sand and gravel). The relief is interesting. Slopes generally rise 10 to 15 m from the bogs, the maximum single slope is 25 m. The terrain is crossed by ski, trekking and off-roader tracks and a few larger gravel roads.

13. CCC
  - a. This event will be executed prior to the Map Reading and Range Estimation due to time and distance requirements.
  - b. Final concept has been confirmed. Walter Henny, Raul, and Grant talked in detail about the scenario, location, timing, and needs – all is on track.
  - c. Training period/day and time will be 06AUG 1500-1700
14. LOAC
  - a. This will be done morning of 09AUG 0800-1130.
  - b. Training will be given prior execution of test.
  - c. Legal suggested 1h30 minutes training and 1h30 minutes test.
  - d. Legal will liaise with EST legal rep to obtain name list of participants to preprint certificates. Those who fail will not receive certificates.
15. Trophies and medals
  - a. Medals are in place. Trophies have been ordered.
  - b. MILCOMP functionaries of each trophy/medal will be finalised by EST representatives.
  - c. LOAC indicated they are responsible for own trophies and medals but needs to liaise with Legal EST rep to ensure same standard as MILCOMP medals and quality.
  - d. EST Legal rep to liaise with Andre Lilleleht to ensure it is the same as the other medals.
  - e. LOAC will provide name of functionary to EST rep to provide to Awards Director.
  - f. CCC to indicate their medal and trophy requirements with EST CCC.
  - g. EST CCC rep to liaise with Andre Lilleleht to ensure it is the same standard as the other medals.
  - h. CCC will provide name of functionary to EST rep to provide to Awards Director.
16. Website will be updated by EST wrt type of weapons, land and water obstacles, grenades etc.

#### LODGING VENUE

17. Accommodation
  - a. Will be at the Estonian Academy of Security Science (Police Academy), address is Kase 61, 12012 Tallinn, tel no +372 696 5644

- b. TD, TJ and Chair will each have their own room in Accommodation block 2. Towels and bedding included – the rate is 20Euro per day....for 01 & 02 AUG.
- c. All MILCOMP participants will be accommodated per national team(s) per room. Towels and bedding included.
- d. WiFi per password will be available in building.
- e. Admin area with printers will be in same building as MILCOMP management and participants.

#### 18. Cafeteria

- a. There will be a cafeteria available – the required eating times, to meet MILCOMP sched, have been requested.
- b. All meals will be available inside the cafeteria area. No “special athlete meals” are available, but the food is of high quality.

#### 19. Meeting room

- a. There is a large hall available that can be used for addressing all the participants as one group, but EST will have to pay every time we use this venue.
- b. Most meetings will be in the accommodation area.
- d. The LOAC exam might be done in the cafeteria area because this is for free, but if grouping is too large, it will need to be done inside the large hall area.

### GENERAL ARRANGEMENTS

#### 20. General

- a. Transport
  - i. EST MIL has provided 3x9pax vans and 1x44pax bus for shuttling staff, committee, and TJ from site to site when needed. Smaller groupings to different venues can use busses as well.
  - ii. EST will pick up participants at airport, but nations need to provide timings ASAP to enable EST to plan accordingly.
  - iii. Contracted Large Buses (City Metro Busses) have been acquired.
  - iv. WiFi: Will be available at accommodation.
- b. Admin area. Principal Admin/Info area will be at Academy (Barracks Area), but additional working area/desk will be at Academy.
- c. Registration and number of teams.



- i. Still awaiting several nations to confirm participation.
  - ii. Still awaiting several nations to confirm names, gender and category of participants.
  - iii. Registered for MILCOMP is 88, although not clear indication who are management and who are participants. Expected number of competitors is in the 90's.
- d. BBQ: Will take place at the Police Academy (Barracks Area) 08AUG – 1800 likely start time.
  - e. Liaison officers will be provided to participating teams. Uncertain how many. Likely that 1x officer will be shared by more than one national team.
  - f. The opening ceremony will be at a memorial park area about 1km walk from academy barracks and can be attended in Combat uniform.
  - g. A DRAFT logistics timing sequence (matrix spreadsheet of schedule/movements/events) has been developed by Raul. Grant will share this EXCEL FILE with the Committee/TJ for review and feedback. More tweaking needs to be done, but this DRAFT 1 looks quite feasible.

21. Please contact me should you require any additional information or clarity or any detail you think needs to be added for nations to take note of.

22. Your urgent and speedy response will be appreciated. I would appreciate it if I can have your inputs no later than coming Friday evening.

Best and with Respect,

Grant

CIOR MILCOMP 2019: SECRETARY and TECH DELEGATE to Estonia