National Defence / Défense nationale

ASSISTANT DEPUTY MINISTER (INFRASTRUCTURE AND ENVIRONMENT)

Heliport Configurations

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Department of National Defence

Canada

Preamble

- 1CAD HQ Winnipeg
  - Home of RCAF
  - NORAD CANR
  - USAF 1DET
  - Graced with multiple GOs
  - MIL (all branches) + CIV
- Past Lives
  - Facilities
  - IT/IS Management
  - Quality & PCon
  - Business Owner
  - Security
  - Antiterrorism

STRUC & Function

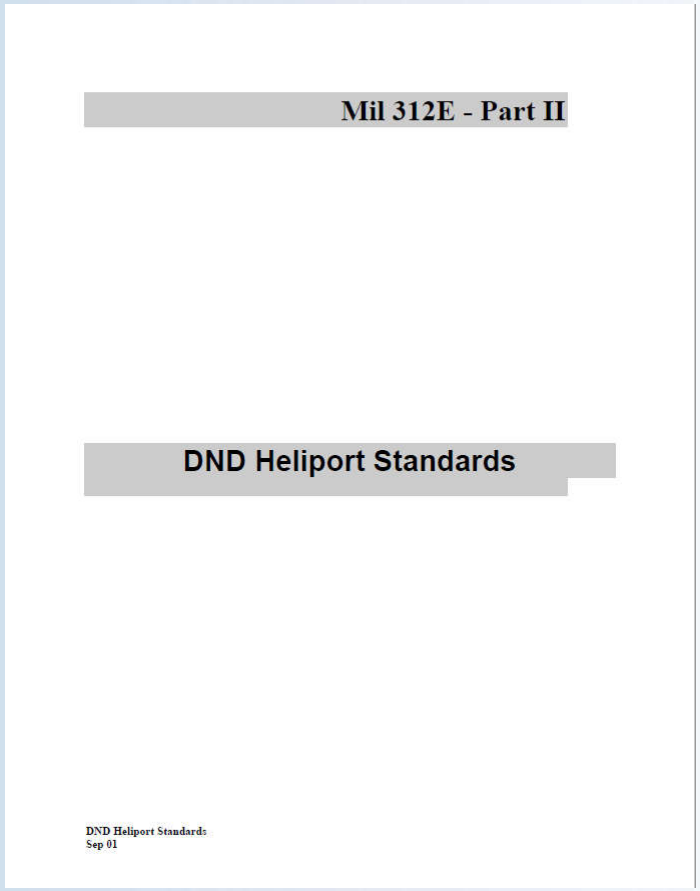
- DAES AE
  - Directorate, Architecture and Engineering Services
  - Aerodrome Engineering
    - Facilities (Arch / Struc / Civil)
    - Airfields
    - Elec / Mech
- Design, SME & OA (Op Airworthiness) Audits
- Aerodrome Technical Authority entire DND
  - C2C2C
  - DEP
  - XFAC
  - C2G

Outline

- FATO colours & spacing
- ATOD (lead-ins)
- Edge light heights
- Setback
- Configs
  - Delta
  - Elongated
  - Multi
  - Unregistered
- Hoverway / Air Taxiway
- Q&A

Guidance

- MIL312 Part II
- TP312
- Standard 325



FATO Edge

Omni - Amber / Yellow, White (or possibly Green)

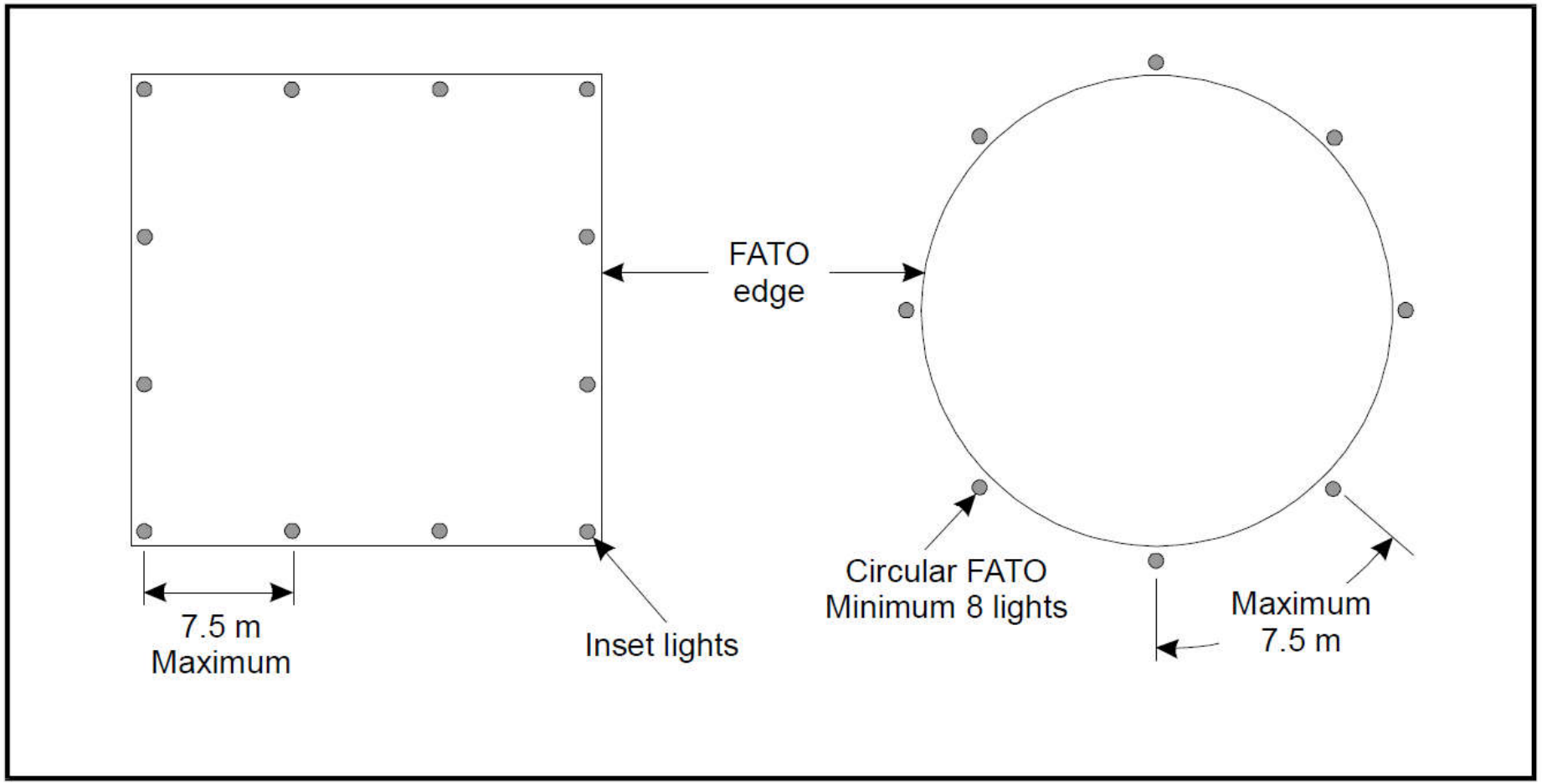


Figure 5-14. Examples of FATO lighting

ATOD / Lead-ins

Omni, Yellow, min 5 lights, ½ FATO length (min.)

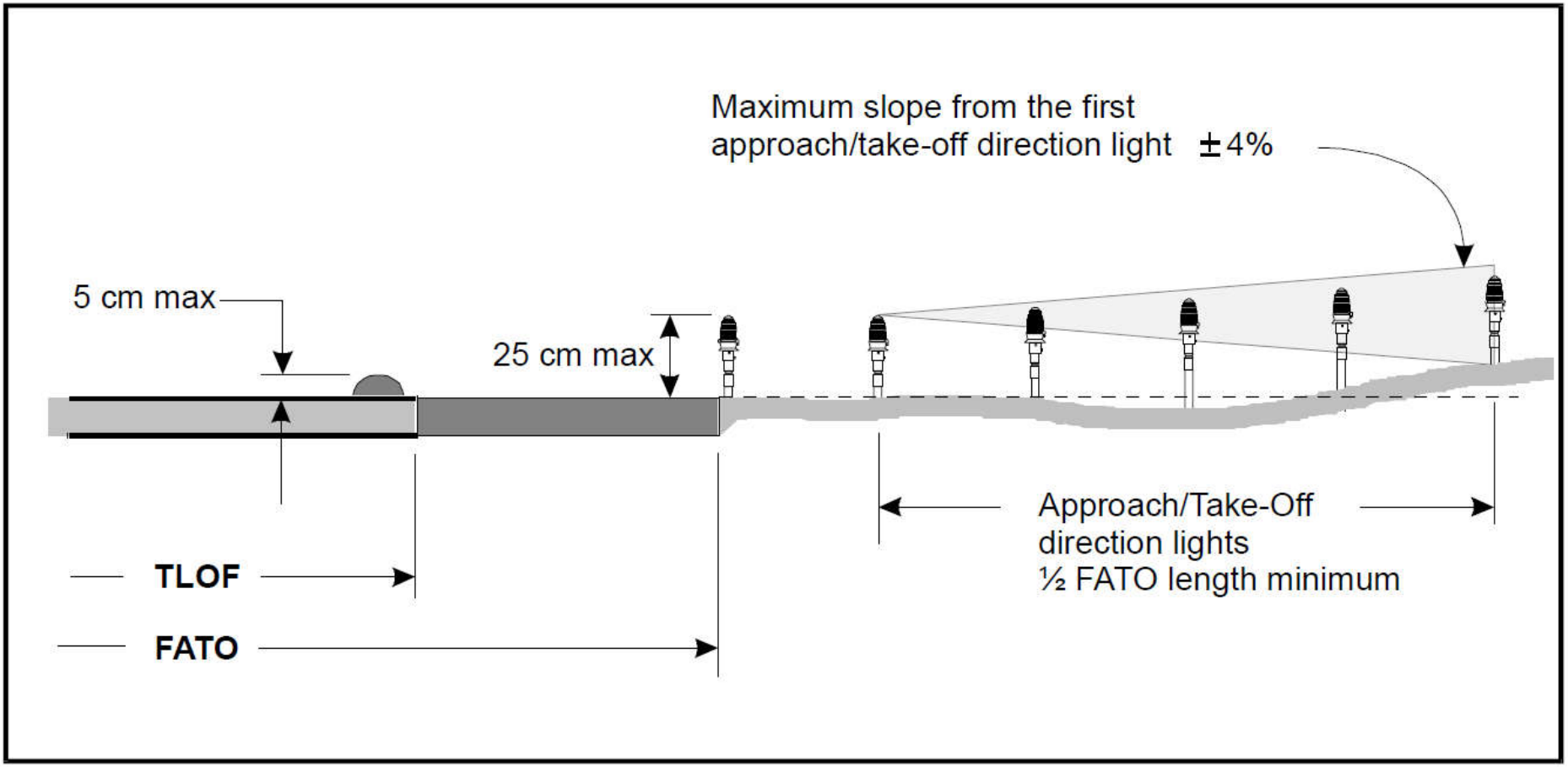


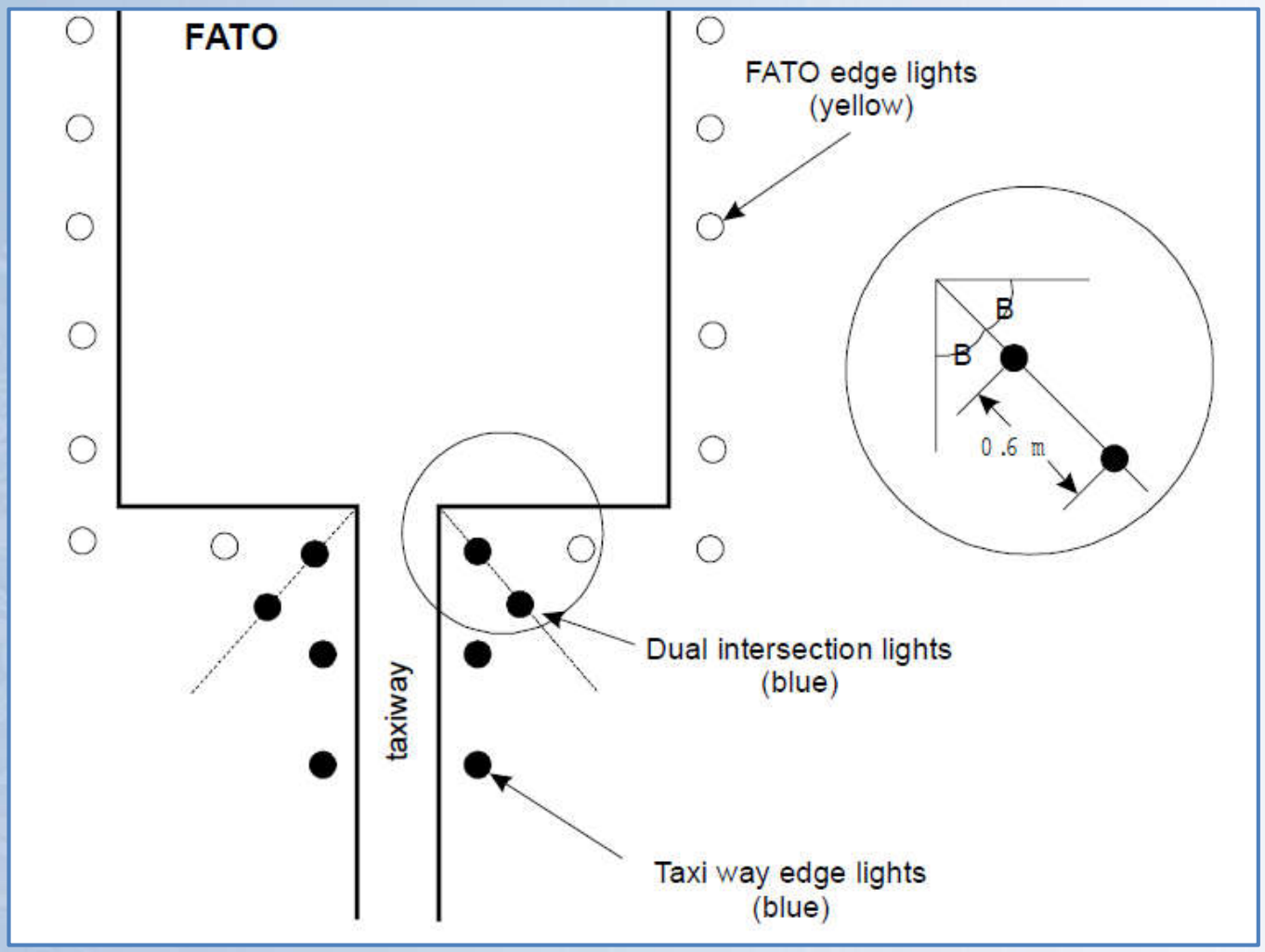
Figure 5-10. Maximum mounting height for TLOF, FATO and approach/take-off direction lights

Edge Lights (Taxi, Apron)

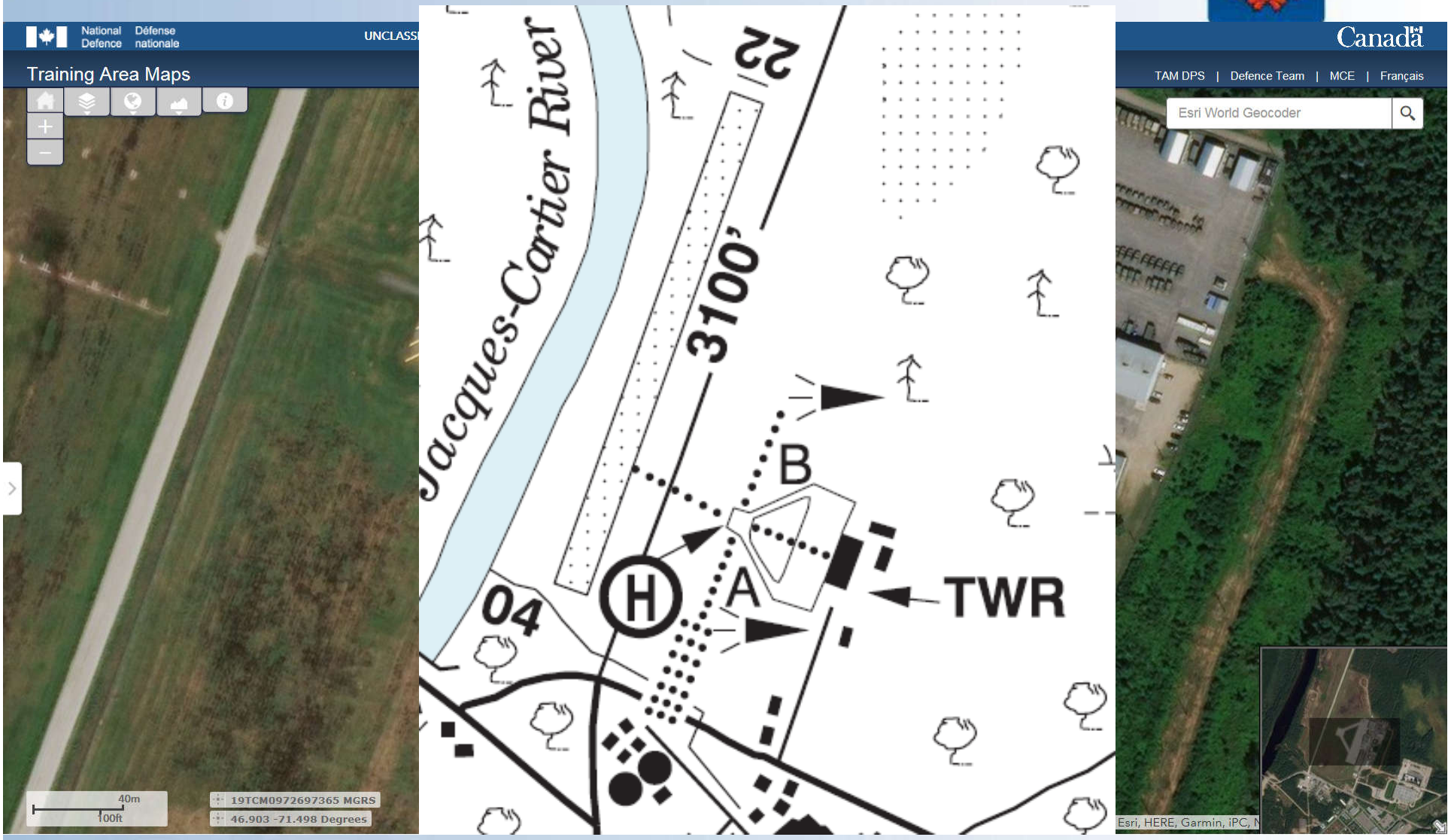
- Apron: 25 cm max

Edge Lights (Taxi, Apron)

Blue, 35 cm, 15 m max, up to 1.5 m from edge



Delta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Défense nationale
Training Area Maps
Canada
TAM DPS | Defence Team | MCE | Français
Esri World Geocoder
Jacques-Cartier River
3100'
22
04
B
A
H
TWR
40m
100ft
19TCM0972697365 MGRS
46.903 -71.498 Degrees
Esri, HERE, Garmin, iPC,

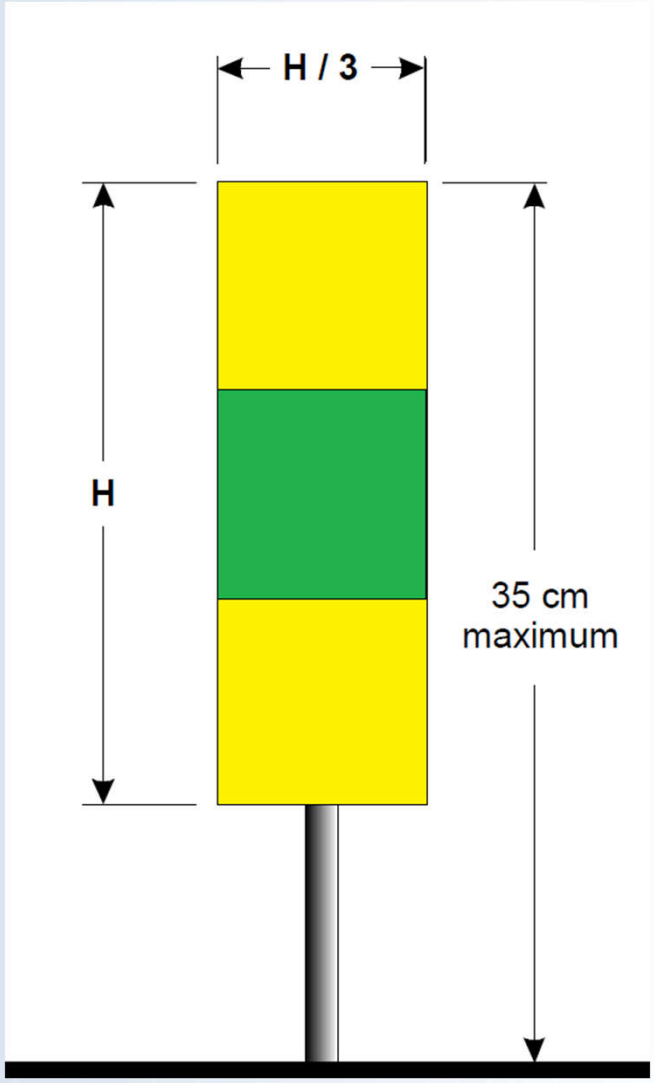
Elongated

National Defence
Défense nationale
UNCLASSIFIED
NON CLASSIFIÉ
Canada
Training Area Maps
Français
17H
1630'
H
TWR
35H
Weg
100m
300ft
18TUR2
45.948

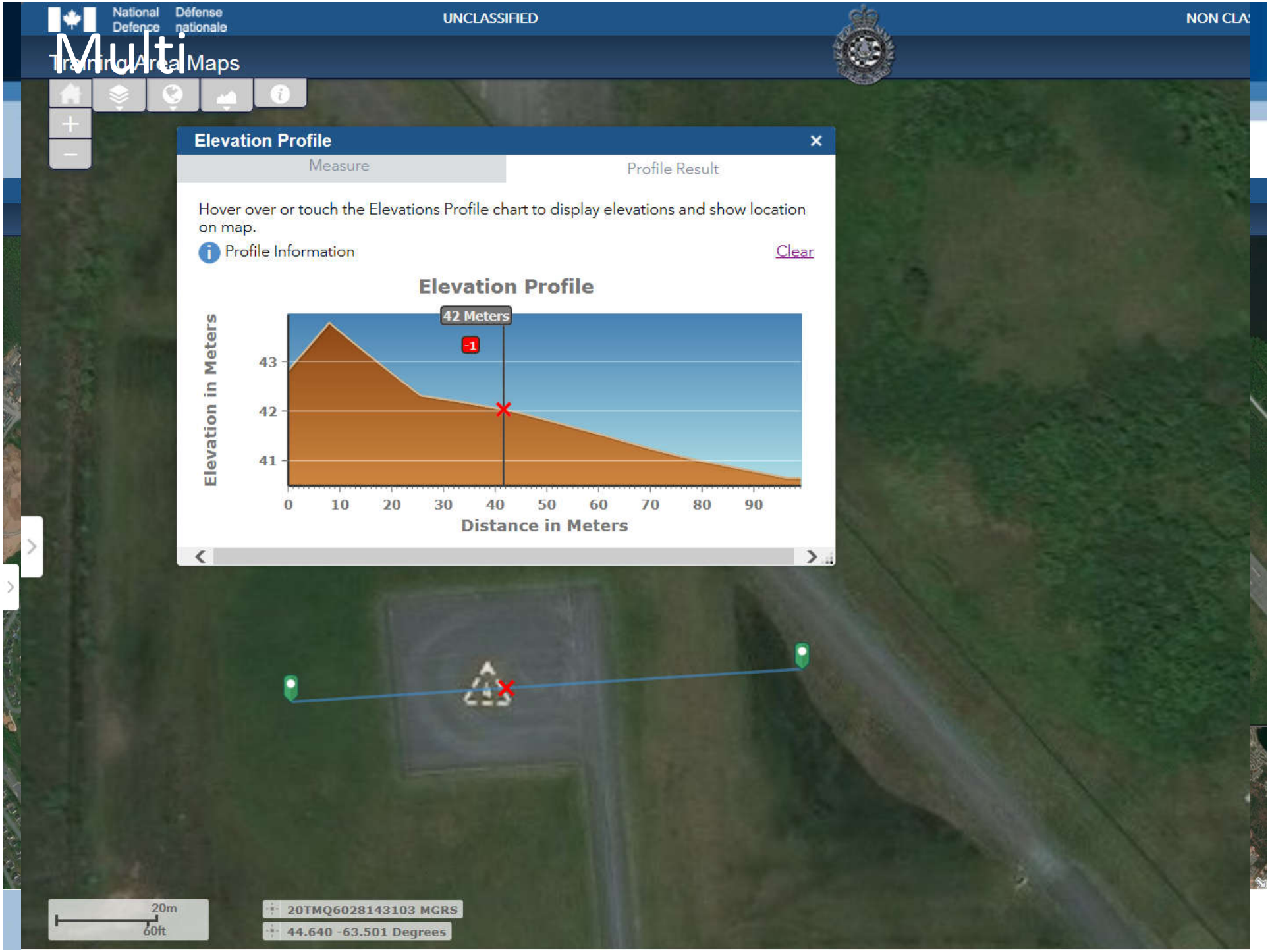
Air Taxiway

Marker

- Non-ground taxiways
- Both sides
- Up to 30 m
- Night
  - Illuminated internally
  - Retroreflective
  - External illumination



Air Taxiway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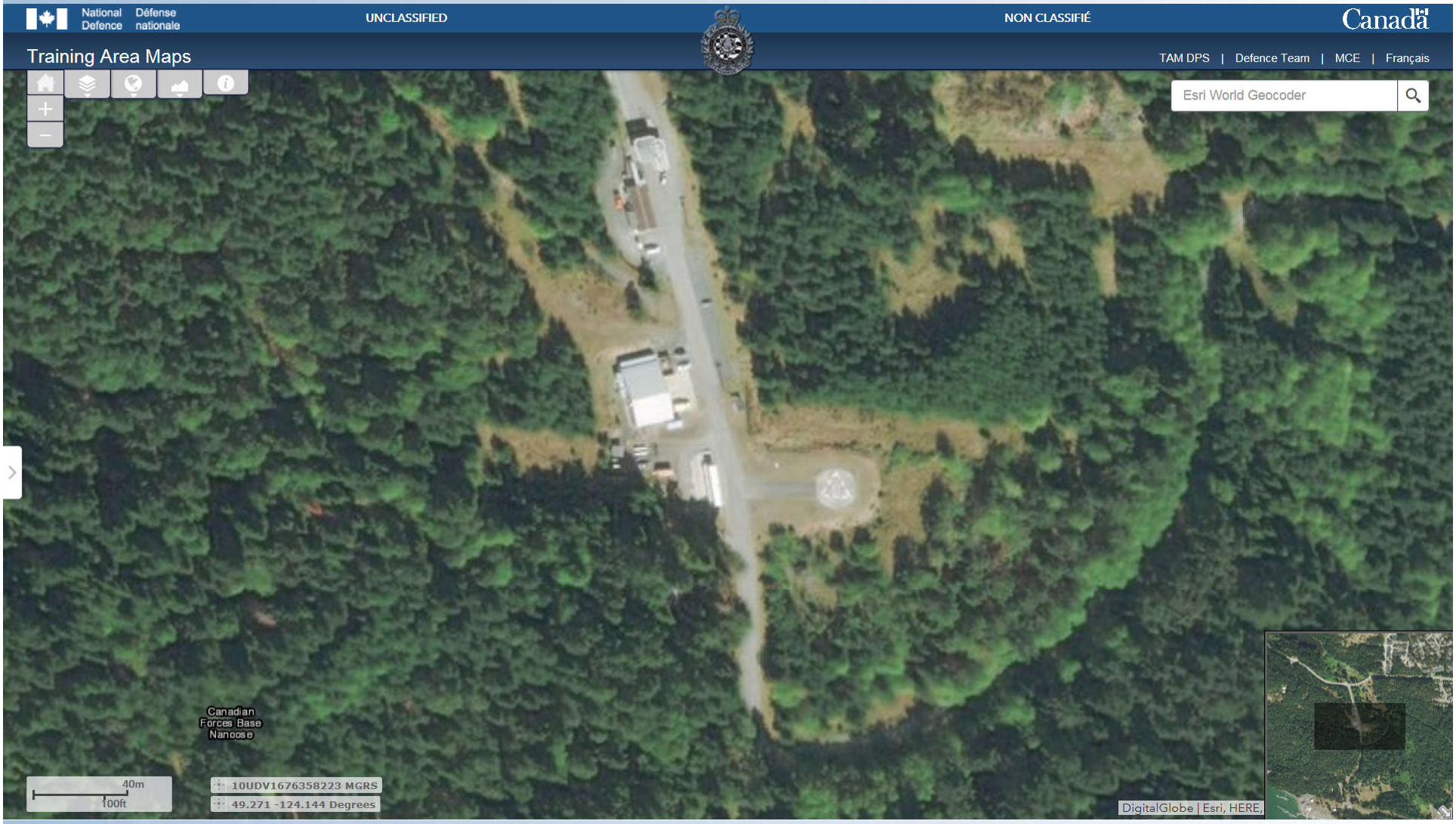
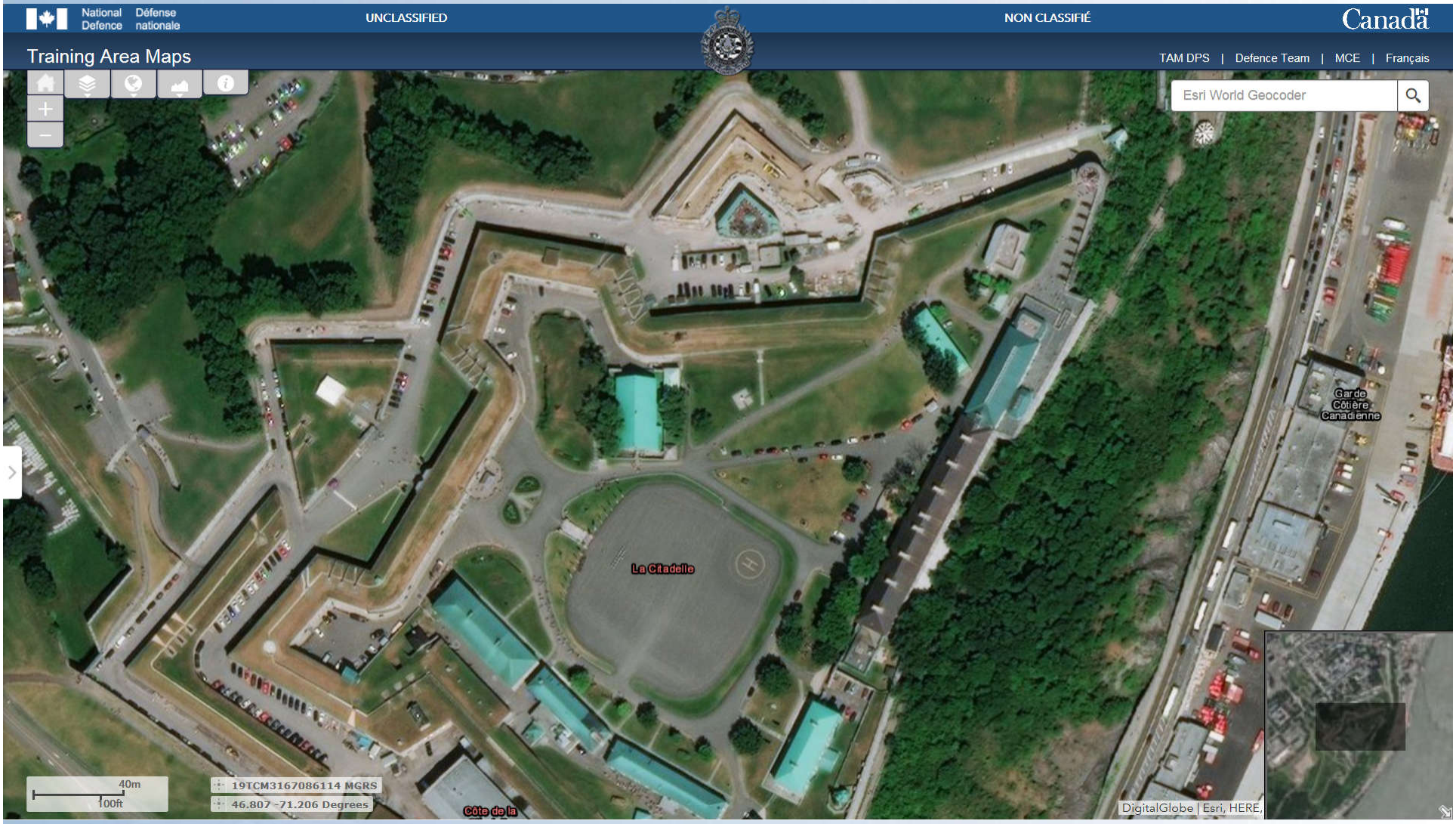
UNCLASSIFIED
NON CLA
Multi
Training Area Maps
Elevation Profile
Measure
Profile Result
Hover over or touch the Elevations Profile chart to display elevations and show location on map.
Profile Information
Clear
Elevation Profile
42 Meters
-1
Elevation in Meters
43
42
41
0
10
20
30
40
50
60
70
80
90
Distance in Meters
20m
60ft
20TMQ6028143103 MGRS
44.640 -63.501 Degrees

Unregistered



Unregistered



Hmm…

F.O.D.
CONTROLLED AREA
CHECK VEHICLE
STOP
ARRET
SECTEUR F.O.D.
INSPECTEZ VOTRE
VÉHICULE
11/07/2017 09:51

Other sources

Australian standards / terminology:

- Aussie Aussie Aussie……

Takeaways…

QUESTIONS??