

VIRTUAL INTELLIGENCE SERVICE VICTORIA PER INTELLECTUM

VIS STAFF INSTRUCTIONS



DISCLAIMER:

This is for multiplayer online gaming using the Digital Combat Systems simulation software published by Eagle Dynamics. The information is not in any way suitable for real world use or operations.

Version: 0.3 DRAFT

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Introduction

This document intends to support volunteers that take part in the VIS staff to create intelligence products for 132nd hosted events.

The document contain important information regarding how the VIS staff is working.

The document also contains links to relevant resource documents and

The aim of this report is to help pilots understand organization and structure of enemy air forces.

The structure in this document is generic and the actual structure in a operation is given as intelligence for that operation.

Version control

| Version Control | | | | |
|-----------------|------------|---|--|--|
| Version number | Date | Information changed | | |
| 0.1 (DRAFT) | 2020-04-27 | Initial version Tips | | |
| 0.3 (DRAFT) | 2020-08-04 | Removed indicators(will be operation specific)Added references | | |
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Content

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VIS Purpose

VIS serves two purposes:

Intelligence to pilots:

The purpose of VIS is to provide intelligence to pilots in support of planning their flights.

Intelligence to Air Operations Centre (AOC):

Intelligence from AOC will be the background of taskings created by the AOC for 132nd combat operations.

NOTE: AOC can either be the mission host, or a designated indiviual without access to the mission file, and who will rely only on VIS intelligence for setting priorities and creating taskings

Tips

A intelligence report or intelligence summary normally contains 2 parts: Information: This is reported information, or facts

Analysis: This is where the VIS staff look into the information available, other intelligence reports, and conducts its best assessment of the situation to give a understanding on what is happening.

The analysis is also supported by the indicators provided by the event host, that can aid in the understanding of a specific action or situation

As intelligence is not about knowing everything, there is a element of uncertainty. The confidence of the assessment can be expressed as high, moderate or low (See next slide)

Output: Products

Virtual Intelligence Service (VIS) can produce three different of reports.

Intelligence Reports (INTREP):

A intelligence report contains specific information about a topic, incidenc, unit

Intelligence Summaries (INTSUM):

A intelligence summary contains a summary of reported intelligence, BDA and assessment from VIS from one mission to the next

Target Folder (TF):

A target folder contains information about a specific target, and contains information that will be used by flights to plan their attack on the target.

In addition to these reports, VIS can also produce combatflite files with layers that can be used for planning. The combatflite files will have necessary information plotted into it.

Input

Virtual Intelligence Service (VIS) can receive input from several sources:

Pilots:

- -BDA reports from a mission
- -AAR/Inflight report from a mission
- -Intelligence report from a mission

External sources (event host):

- -Intelligence reports from higher
- -Various intelligence reports from other sources

Expressing uncertainty

Expressing Confidence In Analytic Judgments

Confidence in a judgment is based on three factors: number of key assumptions required, the credibility and diversity of sourcing in the knowledge base, and the strength of argumentation. Each factor should be assessed independently and then in concert with the other factors to determine the confidence level. Multiple judgments in a product may contain varying levels of confidence. Confidence levels are stated as Low, Moderate, and High.

Phrases such as "we judge" or "we assess" are used to call attention to a product's key assessment. Supporting assessments may use likelihood terms or expressions to distinguish them from assumptions or reporting. Below are guidelines for likeliness terms and the confidence levels with which they correspond.

Low

- Uncorroborated information from good or marginal sources
- Many assumptions
- Mostly weak logical inferences, minimal methods application
- Glaring intelligence gaps exist

Terms/Expressions

- Possible
- · Could, may, might
- · Cannot judge, unclear

Moderate

- Partially corroborated information from good sources
- Several assumptions
- Mix of strong and weak inferences and methods
- Minimum intelligence gaps exist

Terms/Expressions

- Likely, unlikely
- Probable, improbable
- · Anticipate, appear

High

- Well-corroborated information from proven
- Minimal assumptions
- Strong logical inferences and methods
- No or minor intelligence gaps exist

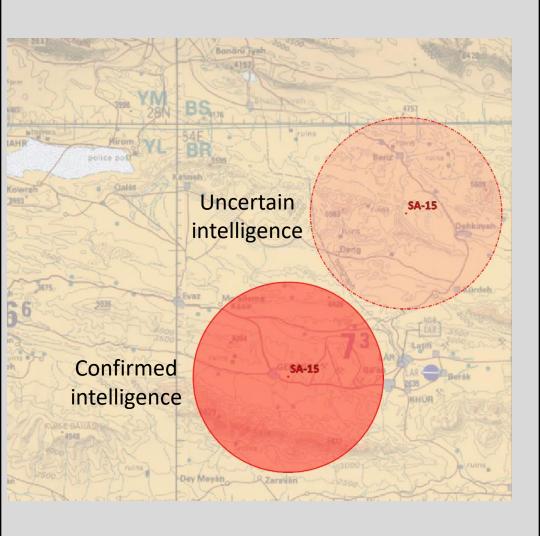
Terms/Expressions

- Will, will not
- Almost certainly, remote
- Highly likely, highly unlikely
- · Expect, assert, affirm

Figure A-1. Expressing Confidence in Analytic Judgments

Source: Joint Publication 2.0: Joint Intelligence

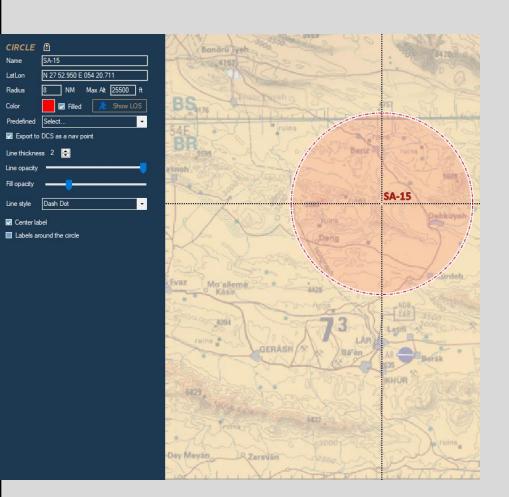
Combatflite



Combatflite symbols

Uncertain intelligence

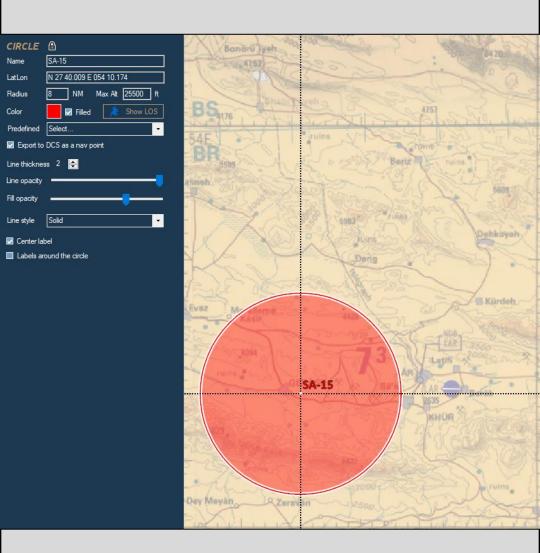
For information that is uncertain, the circle will be drawn with fill opacity as shown below, and line style set as dash dot.



Combatflite symbols

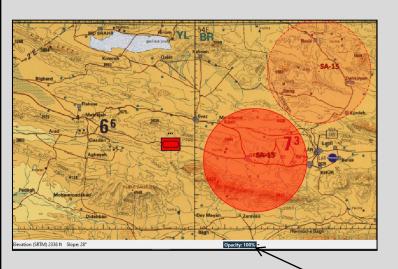
Confirmed intelligence

For information that is confirmed, the circle will be drawn with fill opacity as shown below, and line style set as solid.

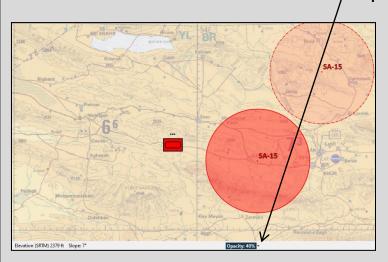


Combatflite opacity

In order for information on the map to stand out better, the opacity on the background map should be set to 40% on all pictures made for briefing/reports



Opacity selection



References

The following links can be used to gain a deeper understanding of the military intelligence function

http://pdf.textfiles.com/manuals/MILITARY/united states army fm 34-8x2%20-%201 may 1998%20-%20part03.pdf

https://www.globalsecurity.org/military/library/policy/army/accp/is3001/lesson-5.htm

https://fas.org/irp/doddir/army/fm34-35/Appc.htm

https://www.trngcmd.marines.mil/Portals/207/Docs/MCIS/ITEP/MCWP 2-3 MAGTF Intelligence Production and Analysis 5.pdf