

Information Display System (IDS)

vZDC-Q-03

Basic User Guide & Overview

7 February 2025



What this guide covers:

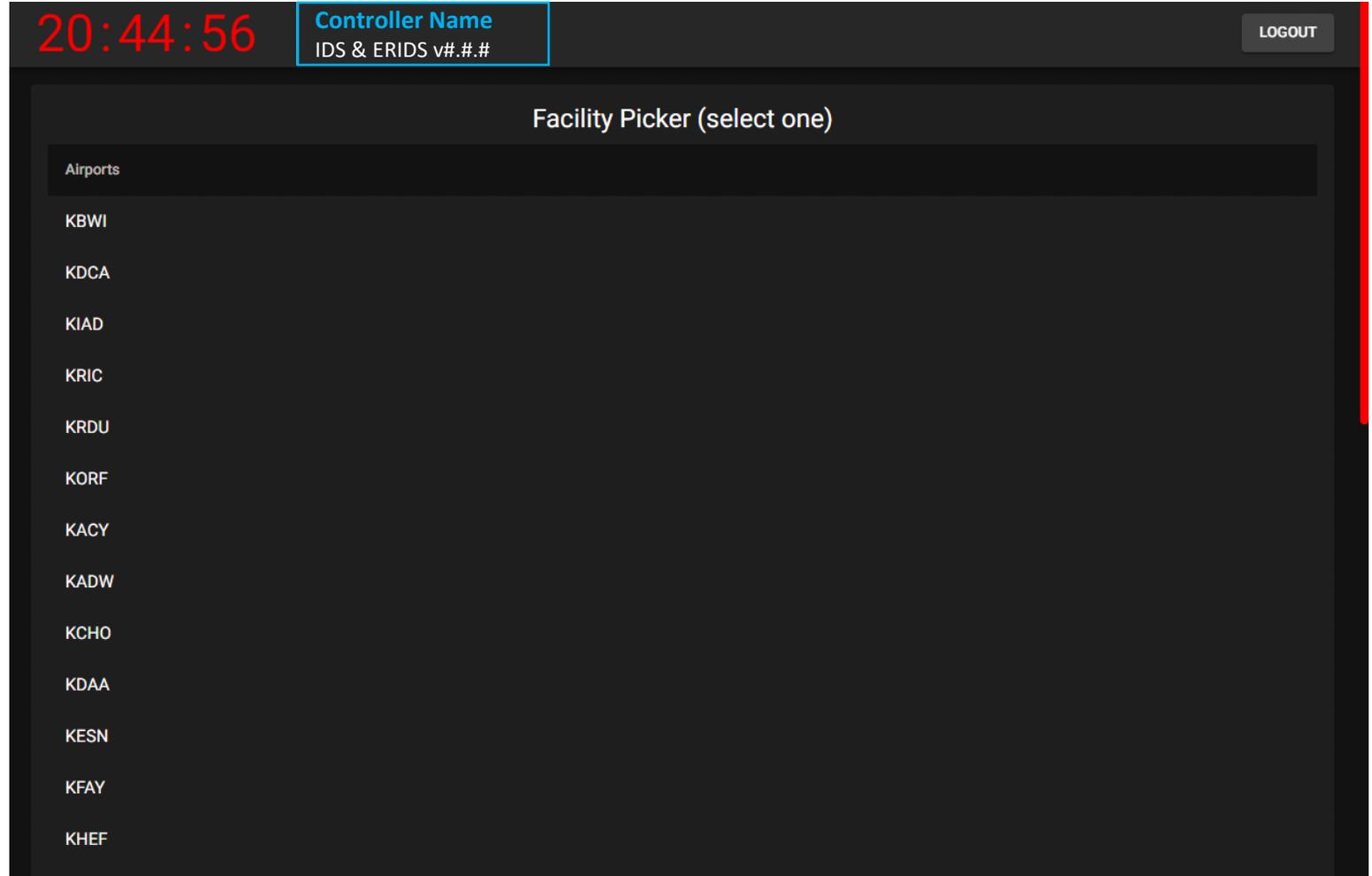
- Background
- Accessing IDS
- Selecting a facility
- Overview of System
- Initial Configuration
- Deconsolidation
- Consolidation



- IDS: Information Display System
- System that combines commonly accessed data into a single dashboard, automatically updating and communicating important information.
- *IDS is not:* a replacement for vATIS.
- **Accurate use of the IDS radar consolidation function is critical to ensure accurate ASX depictions.**

- IDS is *not* a vNAS component. It is a vZDC based information system based on the vzdc.org server.
- Access IDS via <https://ids.vzdc.org> (VATSIM Login Required)

- After logging in, use the “Facility Picker” screen to select the facility you will work.
 - Airports: ATC Tower Cab Facilities
 - Radars: TRACON Facilities
 - Enroutes: Washington ARTCC
- For PCT positions, if working combined select PCT, otherwise select the PCT area you will work.
For PAC-MAN select PCT.



20:44:56 Controller Name
IDS & ERIDS v#.#.#

LOGOUT

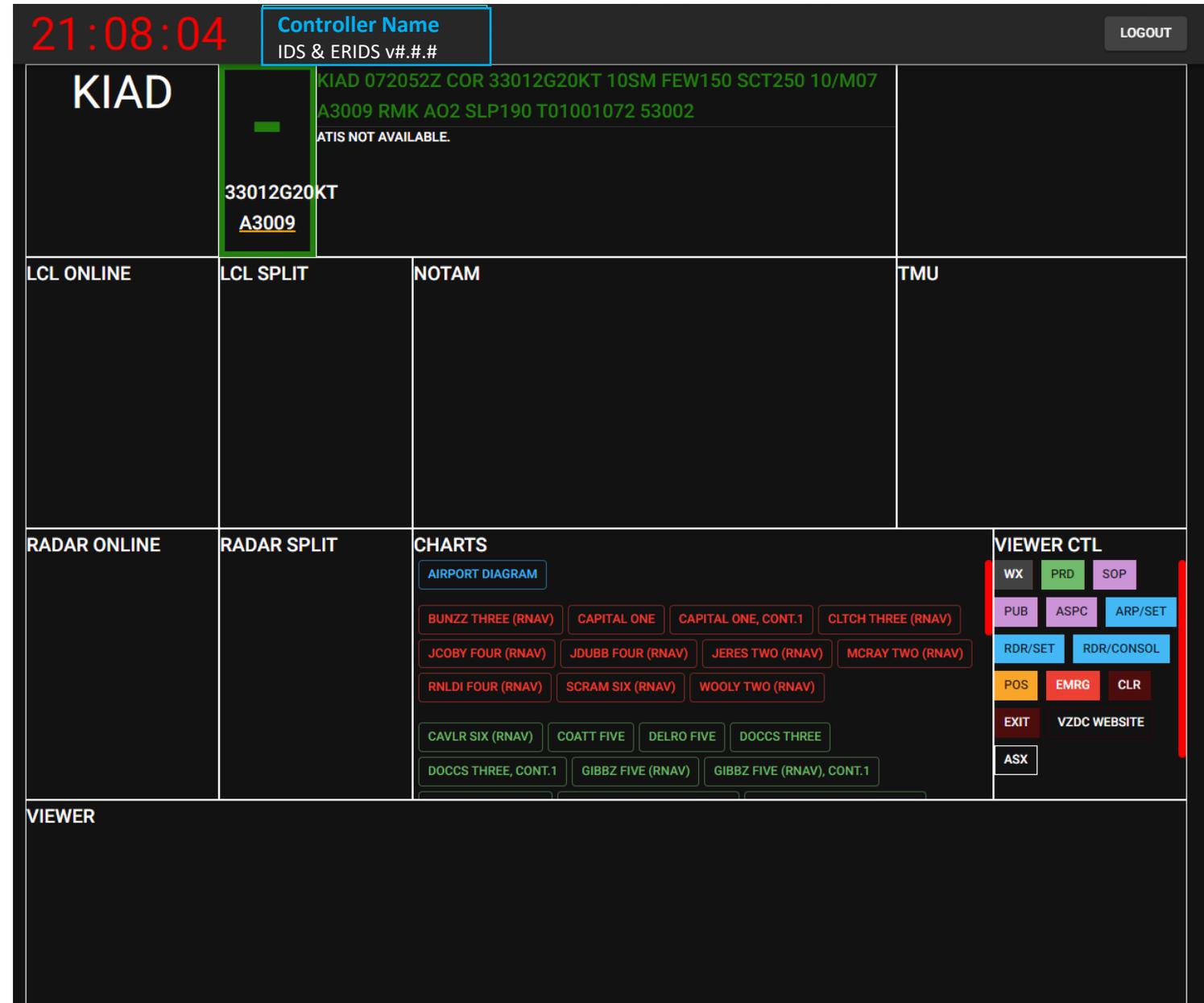
Facility Picker (select one)

Airports

- KBWI
- KDCA
- KIAD
- KRIC
- KRDU
- KORF
- KACY
- KADW
- KCHO
- KDAA
- KESN
- KFAY
- KHEF

System Overview (Tower Positions)

- **ATIS** information displays based on the published vATIS for the airport. *Note: "Airport Conditions" and "NOTAMS" fields do not pass to IDS. Use ATIS Configuration and modify the ATIS text to change.*
- **Cab Configuration** data shows based on connected positions.
- **TMU** data entered displays (Miles-in-trail, GS, TMI, etc)
- **Charts** view provides single click access to all airport TERPS and displays the data in the "viewer" window at the bottom of IDS.

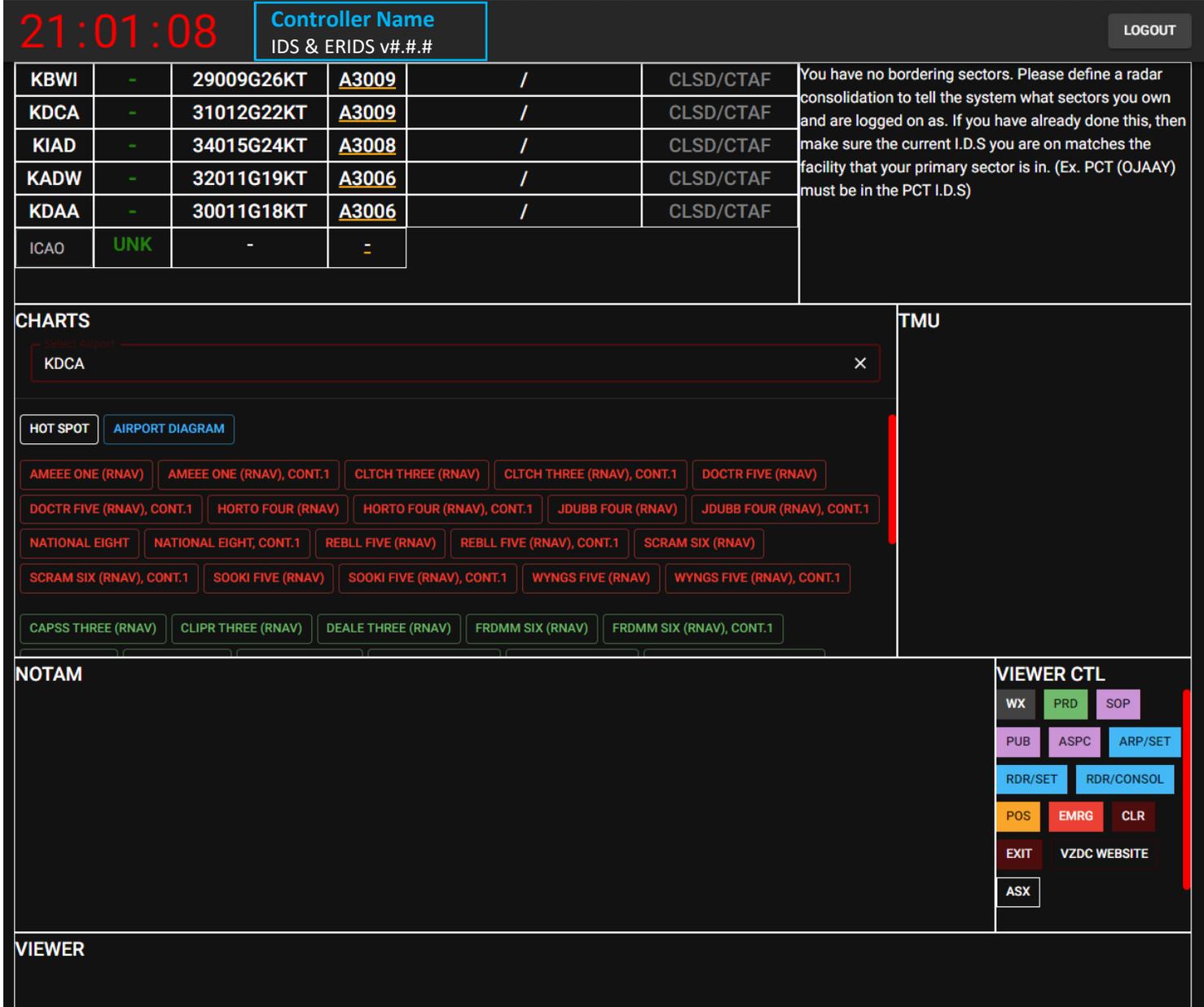


The screenshot displays the Tower Positions interface for KIAD. At the top left, the time is 21:08:04. A 'Controller Name' box shows 'IDS & ERIDS v#.#.#'. A 'LOGOUT' button is in the top right. The main area is divided into several panels:

- KIAD**: Shows flight information: 'KIAD 072052Z COR 33012G20KT 10SM FEW150 SCT250 10/M07 A3009 RMK AO2 SLP190 T01001072 53002'. Below this, 'ATIS NOT AVAILABLE.' is displayed. A green box highlights '33012G20KT' and 'A3009'.
- LCL ONLINE**, **LCL SPLIT**, **NOTAM**, and **TMU**: These panels are currently empty.
- RADAR ONLINE** and **RADAR SPLIT**: These panels are currently empty.
- CHARTS**: A grid of buttons for various airport charts, including 'AIRPORT DIAGRAM', 'BUNZZ THREE (RNAV)', 'CAPITAL ONE', 'CAPITAL ONE, CONT.1', 'CLTCH THREE (RNAV)', 'JCOBY FOUR (RNAV)', 'JDUBB FOUR (RNAV)', 'JERES TWO (RNAV)', 'MCRAY TWO (RNAV)', 'RNLDI FOUR (RNAV)', 'SCRAM SIX (RNAV)', 'WOOLY TWO (RNAV)', 'CAVLR SIX (RNAV)', 'COATT FIVE', 'DELRO FIVE', 'DOCCS THREE', 'DOCCS THREE, CONT.1', 'GIBBZ FIVE (RNAV)', and 'GIBBZ FIVE (RNAV), CONT.1'.
- VIEWER CTL**: A control panel with buttons for 'WX', 'PRD', 'SOP', 'PUB', 'ASPC', 'ARP/SET', 'RDR/SET', 'RDR/CONSOL', 'POS', 'EMRG', 'CLR', 'EXIT', 'VZDC WEBSITE', and 'ASX'.
- VIEWER**: A large empty area at the bottom of the interface.

System Overview (Radar Position)

- **Airport Info:** Displays adapted list of airports based on position selected. Bottom line is fillable to search for unlisted airport.
- **Flow:** Runway configuration is automatically updated from the vATIS published for the respective airport.
- Any connected position will display for awareness.
- **Charts** provides drop down to selected airports and displays all pubs. Selected pubs will load in the “Viewer” window at bottom
- **TMU** window shows any restrictions that are applicable and published



21:01:08 Controller Name
IDS & ERIDS v#.#.#

LOGOUT

You have no bordering sectors. Please define a radar consolidation to tell the system what sectors you own and are logged on as. If you have already done this, then make sure the current I.D.S you are on matches the facility that your primary sector is in. (Ex. PCT (OJAAY) must be in the PCT I.D.S)

KBWI	-	29009G26KT	A3009	/	CLSD/CTAF
KDCA	-	31012G22KT	A3009	/	CLSD/CTAF
KIAD	-	34015G24KT	A3008	/	CLSD/CTAF
KADW	-	32011G19KT	A3006	/	CLSD/CTAF
KDAA	-	30011G18KT	A3006	/	CLSD/CTAF
ICAO	UNK	-	-	-	-

CHARTS

KDCA

HOT SPOT AIRPORT DIAGRAM

AMEEE ONE (RNAV) AMEEEE ONE (RNAV), CONT.1 CLTCH THREE (RNAV) CLTCH THREE (RNAV), CONT.1 DOCTR FIVE (RNAV)
DOCTR FIVE (RNAV), CONT.1 HORTO FOUR (RNAV) HORTO FOUR (RNAV), CONT.1 JDUBB FOUR (RNAV) JDUBB FOUR (RNAV), CONT.1
NATIONAL EIGHT NATIONAL EIGHT, CONT.1 REBLL FIVE (RNAV) REBLL FIVE (RNAV), CONT.1 SCRAM SIX (RNAV)
SCRAM SIX (RNAV), CONT.1 SOOKI FIVE (RNAV) SOOKI FIVE (RNAV), CONT.1 WYNGS FIVE (RNAV) WYNGS FIVE (RNAV), CONT.1
CAPSS THREE (RNAV) CLIPR THREE (RNAV) DEALE THREE (RNAV) FRDMM SIX (RNAV) FRDMM SIX (RNAV), CONT.1

TMU

NOTAM

VIEWER CTL

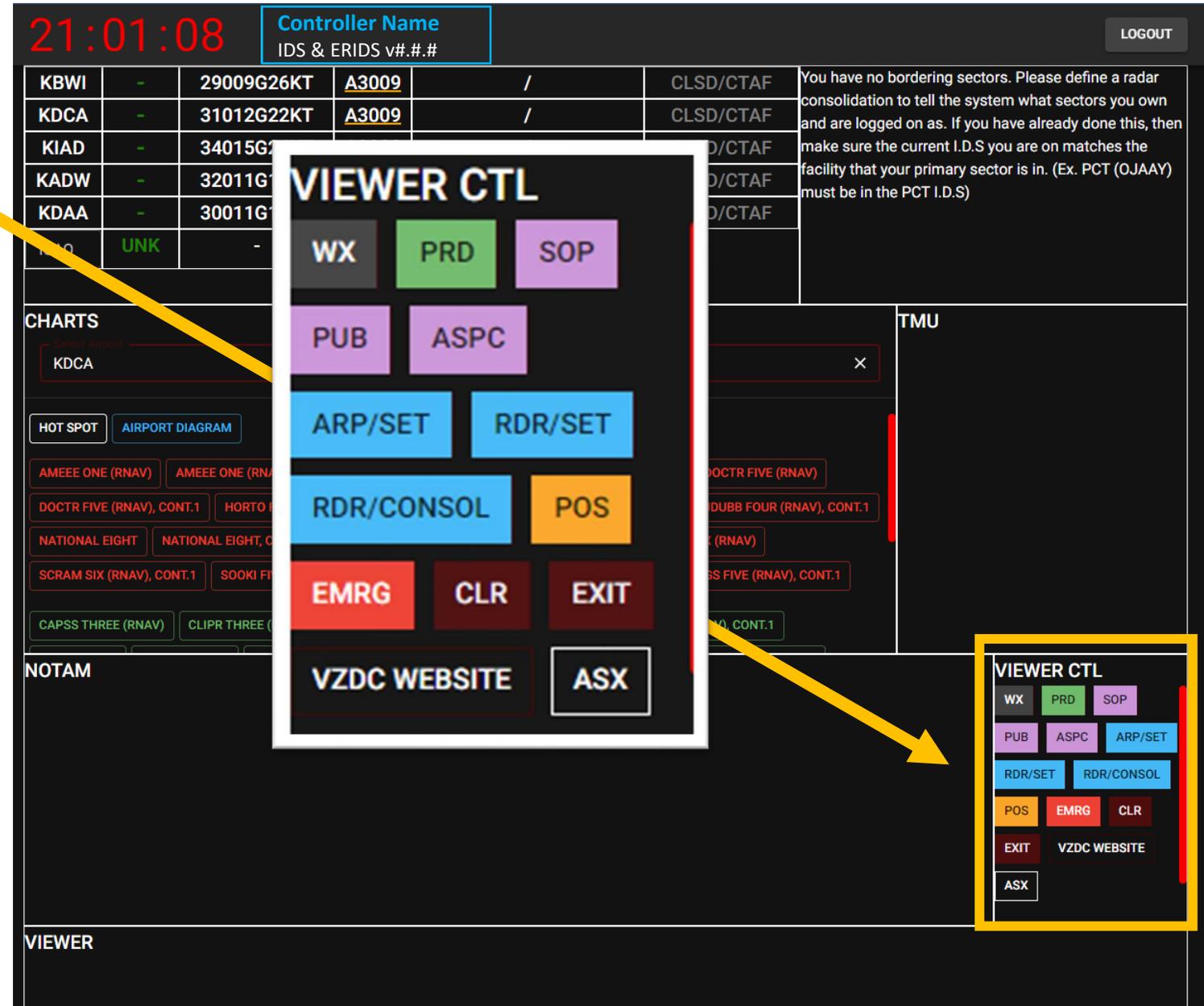
WX PRD SOP
PUB ASPC ARP/SET
RDR/SET RDR/CONSOL
POS EMRG CLR
EXIT VZDC WEBSITE
ASX

VIEWER

Viewer Control Tools

- The Viewer Control provides access to various tools within IDS.

- WX:** Displays weather charts
- PRD:** Opens the PRD search form
- SOP:** Links to that facilities SOP
- PUB:** Link to the vZDC Publications Page
- ASPC:** Allows display of various airspace graphics
- ARP/SET:** Override runway in use if vATIS data not accurate
- RDR/SET:** Pass NOTAMs and describe the radar split for tower cabs that do not see the config from IDS (i.e. MTV defines split and DCA_TWR will see it)
- RDR/CONSOL:** Manage radar consolidations (discussed later in this guide)
- POS:** Position Relief Checklists
- EMRG:** Emergency checklists
- CLR:** Clears the viewer window
- EXIT:** Returns to facility picker screen
- ASX:** Loads the Airspace Status system's Active Radar Consolidations and Airspace Explorer tool



21:01:08 Controller Name
IDS & ERIDS v#.#.#

KBWI	-	29009G26KT	A3009	/	CLSD/CTAF
KDCA	-	31012G22KT	A3009	/	CLSD/CTAF
KIAD	-	34015G2			D/CTAF
KADW	-	32011G			D/CTAF
KDAA	-	30011G			D/CTAF
	UNK				

VIEWER CTL

- WX
- PRD
- SOP
- PUB
- ASPC
- ARP/SET
- RDR/SET
- RDR/CONSOL
- POS
- EMRG
- CLR
- EXIT
- VZDC WEBSITE
- ASX

VIEWER

Select Radar
PCT-MTV

REFRESH RADARS

Use this if radar information is not in sync with what is in the IDS.

PCT-MTV Information

Radar Split
ALL MTV OPEN
DEPS to KRANT

This will be communicated to all local controllers that are attached to this radar facility

SAVE RADAR SPLIT

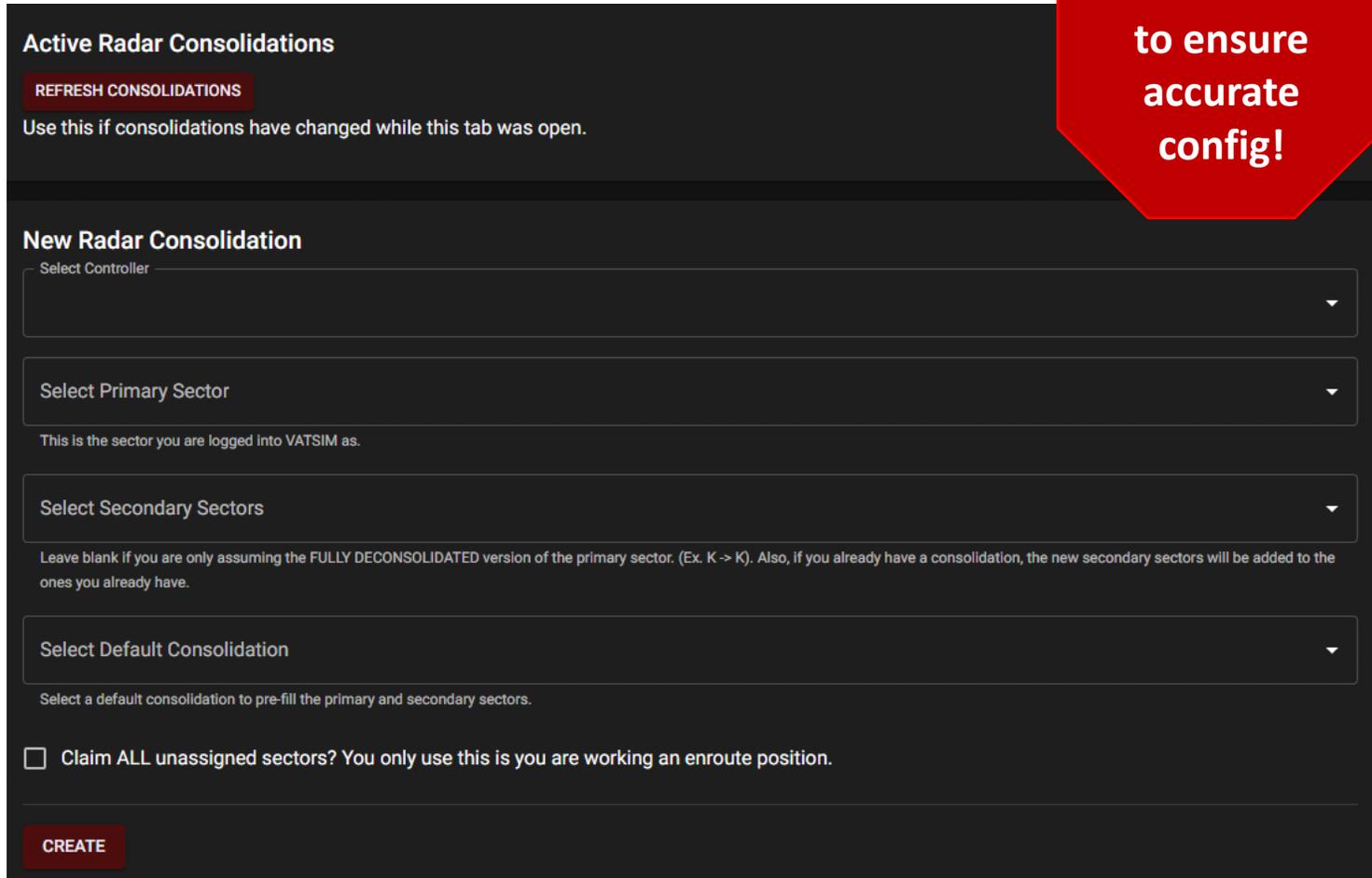
NOTAMS

SAVE NOTAMS

KDCA		E 35010KT A3013	KDCA 072152Z 35010KT 10SM FEW150 BKN250 11/M07 A3013 RMK AO2 SLP202 T01061067 KDCA ATIS INFO E 2152Z. 00110KT 10SM FEW150 BKN250 11/M07 A3013 (THREE ZERO ONE THREE). ARRIVALS EXPECT MOUNT VERNON VISUAL RWY 1. LNDG AND DEPG RWYS 1, 33, 4. MULTIPLE APPROACHES BEING CONDUCTED TO INTERSECTING RWYS. USE CAUTION. NOTAMS... READ BACK ALL RWY ASSIGNMENTS AND HOLD SHORT INSTRUCTIONS. OPERATE MODE C ON ALL TAXIWAYS AND RUNWAYS. DO NOT ENTER PROHIBITED AIRSPACE NORTH OF ARPT... [ADVISE_ON_INIT_CONTACT]...ADVS YOU HAVE INFO E NOTAMS N/A
LCL ONLINE DCA_TWR --> 119.100	LCL SPLIT KDCA HELI OPEN	NOTAM	TMU
RADAR ONLINE DCA_J_APP --> 119.850 IAD_M_APP --> 126.100 DC_32_CTR --> 133.725	RADAR SPLIT PCT-MTV ALL MTV OPEN DEPS to KRANT	CHARTS HOT SPOT AIRPORT DIAGRAM AMEEE ONE (RNAV) AMEEE ONE (RNAV), CONT.1 CLTCH THREE (RNAV) CLTCH THREE (RNAV), CONT.1	

- **Radar Split** allows textual description of configuration data.
- **NOTAMS** provides a free text entry for applicable NOTAMS to have displayed in IDS NOTAMS field

- Select the controller working the sector from the drop down
 - Select “Select Default Configuration” to apply a pre-defined configuration
- or*
- Select “primary sector” then select all additional sectors from the secondary sectors drop down that will be consolidated to the primary
 - Click “Create” to apply the consolidation plan



Check ASX to ensure accurate config!

Active Radar Consolidations

REFRESH CONSOLIDATIONS

Use this if consolidations have changed while this tab was open.

New Radar Consolidation

Select Controller

Select Primary Sector

This is the sector you are logged into VATSIM as.

Select Secondary Sectors

Leave blank if you are only assuming the FULLY DECONSOLIDATED version of the primary sector. (Ex. K -> K). Also, if you already have a consolidation, the new secondary sectors will be added to the ones you already have.

Select Default Consolidation

Select a default consolidation to pre-fill the primary and secondary sectors.

Claim ALL unassigned sectors? You only use this if you are working an enroute position.

CREATE

Deconsolidating

- If you are splitting out sectors, use the “New Radar Consolidation” drop downs to define what airspace you will be assuming the same as was done in the initial configuration.
- Note the “Active Radar Consolidations” that is displayed above the consolidation settings.
- Click “Create” and IDS will remove the sectors from the other controller and create and display the newly defined configuration.

VIEWER

Active Radar Consolidations

REFRESH CONSOLIDATIONS

Use this if consolidations have changed while you are logged in.

Gordonsville 32 - Controller Name

Linden 05
Dixon 09
Brooke 12
Swann 17
Woodstown 19
Blackstone 20
Raleigh 36
Tech 52
Casino 51
Sea Isle 59
Coyle 58
Sallsbury 54
Marlington 37

New Radar Consolidation

Select Controller

Select Primary Sector

This is the sector you are logged into VATSIM as.

Select Secondary Sectors

Leave blank if you are only assuming the FULLY DECONSOLIDATED version of the primary sector. (Ex. K -> K) ones you already have.

Select Default Consolidation

ALL ZDC @ 32

Select a default consolidation to pre-fill the primary and secondary sectors.

Claim ALL unassigned sectors? You only use this is you are working an enroute

Check ASX to ensure accurate config!

- When airspace is combined, use the “DELETE/OFFLINE” button of the configuration that is being combined.
- Use the “EDIT” button of the configuration(s) that will be active to ensure the airspace being combined up is accounted for by an active position.
- If in doubt, it is permissible to just clear all configurations and apply a new consolidation plan for accuracy (consider using a default configuration if available).

Check ASX to ensure accurate config!

VIEWER

Active Radar Consolidations

REFRESH CONSOLIDATIONS

Use this if consolidations have changed while this tab was open.

Gordonsville 32 - Controller Name

- Linden 05
- Dixon 09
- Brooke 12
- Swann 17
- Woodstown 19
- Blackstone 20
- Raleigh 36
- Tech 52
- Casino 51
- Sea Isle 59
- Coyle 58
- Salisbury 54
- Marlington 57

EDIT DELETE/OFFLINE