

VMS - VIOLATION MANAGEMENT SYSTEM

USER MANUAL

ENTERPRISE 24x7 INC.

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1. CONNECTION SCREEN

The Violation Management System (VMS) is launched at URL: http://bcsgis/obcs/mainmenu.htm (Figure 1). The fields on the page contain default information that allows the user to connect to the Oracle Forms server. The "Look and Feel" and "Color Scheme" fields allow changing the look and the colors of the VMS Oracle interface. The web host field can be set to a different application server (default: bcsgis) to run the interface.

FLORIDA	OFFICE OF BEACHES AND COASTAL SYSTEMS
Welcome to the Database Mana FORM MENU	gement System of the Office of Beaches and Coastal Systems.
Open Form:	Beaches and Coastal Management System 💌
Look and Feel:	Oracle
Color scheme:	Blue
Web listener (HTTPD) detail	<i>'s:</i>
Web host:	bcsgis
Web port:	80 Run form Reset

After clicking "Run Form", the logon form prompts for user login (Figure 2). The following users can connect with different permissions:

vms - database manager

vmsdeo - data entry operator

bcmsman - bcms manager

eng, obcs, pmsdeo, pmsdem - read only users

Logon (Reference)	×
Username:	vmsdeo
Password:	*****
Database:	bcms
	Connect Cancel

Figure 2: Logon form.

Figure 1: First screen connection with the intranet web-server.

1.1 Remote Login and First Time Connection

Because VMS is a FDEP Intranet application, users can connect remotely to VMS from any machine with Internet access, after logging to the FDEP domain. To remotely login to FDEP domain, please contact the Information System personnel of FDEP.

The web browser supported by FDEP is Internet Explorer (version 5.5 and higher), however the application is also compatible with Netscape (version 4.7 and higher).

The VMS application creates reports in pdf format. Adobe Acrobat Reader (version 4.5 or higher) can be downloaded from http://www.adobe.com/products/acrobat/readstep2.html

The first time a user connects to VMS, a JInitiator plug-in is automatically downloaded into the user's PC. After the download is finished, the user must follow the instruction to install the software in the local PC. After the installation, the user must close the web browser and then re-open and re-connect to http://bcsgis/obcs/mainmenu.htm. The JInitiator plug-in is a zip file of about 10Mb. If you have a slow modem connection (50Kbps or slower) ask the Information System personnel for a CD of the used Jinitiator.

2. MAIN MENU FORM

The Main Menu form is common to the three interfaces VMS, PMS, and PrMS that are part of the Beaches and Coastal Management System (BCMS) application. The main choices are: three "Mainboards" which give a complete view of the data related to a file and allow to update the file itself, the "Locator Queries" and the "Reports".

The available Mainboards are: PMS Mainboard - Permit Management System Mainboard VMS Mainboard - Violation and Compliance Management System Mainboard PrMS Mainboard - Project Management System Mainboard

The purpose of the "Locator Queries" form is to collect parameters to locate a file (permit, violation, projects, etc.) in the BCMS databases (Section 4).

The "Reports" form offers more than fifty reports based on the BCMS databases. The purpose is to generate printable lists of files (permit, violation, projects, etc.) based on user's parameter selections. (Section 5)

The "Code Table Management" is available only to bcmsman user allowing him/her to update, delete, and edit values in the code tables.

The "Re-Login" button lets the user to login again into the application with a different name and password.

The "Exit" button closes and exits the application. <u>Use this button to close and exit the application</u>. After closing the application, the user must independently close the web browser.

The "Help" button opens the BCMS Documentation form (Figure 3a). User Manuals, Database Documentation and Interface Database Documentation for the databases can be viewed by selecting the document from the pull down lists (Figure 3.a).



Figure 3: Main Menu form.

🧑 ВСМЗ	3 Documentation () between the transformation () $ imes$		×
DOCU	IMENTATION	Syste	m
DBA DO	OCUMENTS: Database Documentation 💿 🔊 📗	pard 🕞	
USER N	Permit Management System liser Manual	oard >	
	Violation Management System User Manual	oard ᠵ	
	Microfilm Management User Manual	eries 🕞	
		orts 🕞	
		nent 🕞	
		nent 🕞	
Record:	1/1	ogin 🕞	
		Exit]
	A REAL PROPERTY OF THE REAL PR	08/15/200	2
Designed	and Administered by ENTERPRISE 24x7 INC.	front	
Record	: 1/1		

Figure 3a: BCMS Documentation form.

3. VMS MAINBOARD

The VMS Mainboard (Figure 4) allows the user to edit/view all the information related to a specific Compliance or Violation file. The information is grouped in six main pages, accessible by the "tab pages" and a button:

- 1. File general file information (type, received date, etc.)
- 2. Violator general information about the violator (name, address, etc.)
- 3. Description general information about the project descriptions related to the file (timing, description, office decision, etc.),
- 4. Fines general information related to the fine(s) that can be associated with a Violation/Compliance file.
- 5. Remarks a general note that can reach up to 255 characters.
- 6. Location the geographical location of the file (address, range monument, coordinates).

The "Search" button calls a form that filters the database to find and pick a specific file.

The "GO" button resets the interface to the specific file, updating the "Violation/Compliance" label and all the data on the interface.



Figure 4: VMS Mainboard form.

The "New Violation" button calls a form that prompts the user for additional information to create a new violation/compliance file in the database.

The "Save" button commits the changes into the database according with the user's permissions.

The "Preview Summary Report" button creates a printable summary report of the Violation/Compliance file shown on the "Violation/Compliance" label.

The following color policy is applied for the fields:

- Red Label: the corresponding field is required.
- Yellow Label: the corresponding field is locked (can be unlocked if the unlock button is close to the field).
- Orange Labels: at least one of the corresponding fields is required.

Blue Label: the field is not required.

3.1 Pulldown lists

All the pulldown lists can be updated clicking on the "+" button adjacent to the list on the Mainboard (Figure 4). Clicking on the '+" button opens a code table form allowing the user to enter additional codes (Figure 5). The interface prevents the user from selecting an inactive code entry from the pulldown lists on the Mainboard.

👌 VIOL	ATION MANAGEM	IENT SYSTEM - Maii	n Boar	ď					×
VIOLAT	rion# VBA-001-0	01 💏 G	0	쳝 Edit C	ode Table				eesseese ×) ₀₂
+	FILE		TION	Seve	rity Codes	;	Description		nactive
				MA	Major				
		VBA-001-001	<u>a</u>	MI	Minor				
	File ID:	2057		N/A	Not Appl	icable			
2									
	File Type:	Violation	-						
	County:	BA - Bay	-						
	Report Date:	03/20/2001			<u> </u>				
	Severity:	Minor	-						
	Letter Sent:	03/27/2001							
	Type of Letter:	Warning Letter	-			1 1 1			
	Warning Notice	Date:		_<	< >	<u>></u> +			🔁 🖬
	Entered By:	Jim Martinello	•						
<u>a</u>									
				Record	: 1/3				
Peron	d: 0/1				1	1		_	
Recon	u. 0/1								

Figure 5: Example of Edit Code Table form.

"vmsdeo" user can enter a new code entry but can not delete or change the code table entries after they have been committed. Only the superuser "bcmsman" is allowed to update/delete the existing entries. However "vmsdeo" can make an entry inactive therefore preventing the entry to be shown on the lists.

After a new entry is saved the corresponding lists on the MAINBOARD are updated to include the new entry.

3.2 Finding an existing file

To find an existing file in the database there are three methods:

- 1. If you know the file number. Enter the file number in the "Violation #" search field. After pressing the "GO" button the interface is set to the entered Violation/Compliance file number.
- 2. If you know a part of the file number. Press the "Search" button (Figure 6). The "Violation# Search" screen appears prompting for a Violation/Compliance file number that can be shortened using the wildcard character "%" at the end, or/and at the beginning, of the file number. After clicking the "Find" button, the screen returns a list of files matching the entered criteria and displaying additional information about the files, helping to identify the correct file. After having highlighted the desired entry from the list and clicked "OK" (or double-click), the list fills the "Violation #" search field on the VMS Mainboard with the chosen file. After pressing the "GO" button, the interface is set to the file picked.
- 3. If you know only some attributes of the file such as violator name or geographical location first use the Locator Query reachable from the Main Menu to identify the correct file number. Refer to Section 4 for information on Locator Queries.

	Violatic Search	on#	Sear	ch GO		Viola Sear	tioi ch	n# Screen				
	🙀 VIOLATIO V I	MANAGEN	IENT SYSTEM	- Main Boar	d	/						×
	VIOLATION#			4 ? GO				LOCATION			08/07/200	12
	/iolation# Searc	h (2002)	*******				: ×					ζ
	Find VBA%											
	ViolComp#	County	RepDate	FileType	Severity	FILEID						
	VBA-000-0	BA	29-FEB-00	VIOL	MA	1816		_				
	VBA-001-0	BA	20-MAR-01	VIOL	MI	2057		y:		▼ +		
	VBA-002-0	BA	02-APR-02	VIOL	MI	2077						
	VBA-002-0	BA	02-APR-02	VIOL	MI	2078						
	VBA-002-0	BA	02-APR-02	VIOL	MI	2079		hent:				
	VBA-002-0	BA	10-APR-02	VIOL	MI	2087		te:			ADD LINK	
	VBA-002-0	BA	10-APR-02	VIOL	MI	2122				Permit #	Mitigation ?	
	VBA-079-0	BA	11-SEP-79	VIOL	MA	865						
	VBA-079-0	BA	23-OCT-79	VIOL	MA	866						
	VBA-080-0	BA	23-SEP-80	VIOL	MA	867			-			
L	VBA-083-0	BA	10-FEB-83	VIOL	MA	48			NOTE: The fie	lds in RED are	REQUIRED	
L	UNHA-1193-11	<u>н</u> а			M4	868			HOTE. THE HE			
		(M	Cancel	Eind								h
Ì		/					-	,				2
	/	/			\sim				Figure 6:	Finding a	an existing fi	le
	/					$\overline{}$						
	OK					Find						

3.3 Creating a new file

To create a new violation/compliance file press the "New File" button (Figure 7). Create New Violation Form screen displays the required fields to create a new file. The interface will not allow the user to input a file number that already exists in the database. After entering the required information press "CREATE" button to finish the creation of the file. Press "CANCEL" button to cancel the creation of the new file.

VIOL VIOL						×
VIOLA	TION#	<u> </u>		LOCATION		08/07/2002
	Create New Vi 3000 New ViolComp: File Type: County: Co	NEW VIOLATION	Marks Uthorized By Date: Date: ion Agreem ion Complet File Close Date: Date of first Entry:	r:		
¢				NOTE: T	he fields in RED are RI	EQUIRED.
Recor	rd: 0/1					

Figure 7: Create New Violation/Compliance File Screen.

3.4 Mainboard: FILE tab page

The Mainboard FILE tab page offers general information on Violation/Compliance file. The changes made are saved when the user clicks the "Save" button.

The FILE tab page allows the user to change the Violation/Compliance number by unlocking the "ViolComp#" field by clicking the "Unlock/Lock" Button. After the changes made, the user must lock back the field by pressing the "Unlock/Lock" Button

The "Permit Link Frame" contains the links to the permits related to the Violation/Compliance file. This frame provides a link from Violation Management System database to Permit Management System database.

Save	y ViolCo	omp# 	Unlock			+ Button		
🖗 viou	ATION MANAGEM	IENT SYST	'EM - Main Board		***********		×]	
VIOLAT	ION# VBA-001-0	01	🖌 🙀	VBA-001-001	LOCATION		08/07/2002	
+	FILE [HOLATOR	DESCRIPTION	FINES REMA	rks			
	ViolComp#	VBA-001-	<u></u>	/	/			
	File ID:	2057						
2								Permit Link
	File Type:	Violation		Action Authorize	ed By: dep			Frame
	County:	BA - Bay		 Hearing Date: 				
	Report Date:	03/20/2	001	Removal Date:				
	Severity:	Minor	•	 Restoration Agr 	eement:		ADD LINK	
	Letter Sent:	03/27/2	001	Restoration Con	nplete:	Permit # A	itination ?	D a maa 144
	Type of Letter:	Warning L	etter 🔻	File Close Date:	10/08/200	1 BA000672		Permit#
	Warning Notice	Date:		_				
	Entered By:	Jim Marti	nello 🔻 🚽	Date of first Entr	y: 12/27/2001			
\$					NOTE:	The fields in RED are I	REQUIRED.	
Record	1: 1/1							

Figure 8: Mainboard File tab page.

When the user clicks on "Permit #" in "Permit Link Frame" (Figure 8) the user switches to the Permit Management System displaying the permit linked to the Violation/Compliance file (Figure 9).

🧑 PER	MIT MANAGEMEN	IT SYSTEM - N	Aain Board							\times second \times			
	BA000672												
Permi	# BA000672	191	' GO	LOCATION	FEE	STATUS	FINAL ORDER			08/07/2002			
+	FILE	OWNER	AGENT	DESCRIPT	ION	MONITOR	CONSTRUCTION	MICRO	NOTES				
	Permit #									31104			
	Section:	Coastal Engi	neering Pa	ermitting Se	ction	-		Linke		ADD Link			
2	File Type:	Permit		-				LIIKS					
	Permit Type:	CCCL - Coas	tal Constr	uction Contr	ol Line	-	<u>_</u>						
	Receive Date:	04/11/2001	<u></u>				_	Modif	ications				
	County:	BA - Bay		<u> </u>	A1 En	F?							
	Assigned to:	Phil Sanders	•	+	CI	ose Date:							
	Staff Assistant	Bill Fokes		+	In	active #				ADD Link			
	User ID:	9496			Fi	rst entry da	te: 04/11/2001	Viol/C	omp# M	Aitigation?			
	Notes:								001-001				
Recor	a: 1/1												

Figure 9: Permit Management System Mainboard accessed by clicking on Permit#.

A link to the permit can be added by clicking on the "ADD LINK" button. An add link window prompts the user to select an existing permit number to link to the Violation/Compliance file (Figure 10).



Figure 10: Add link window.

3.5 Mainboard: VIOLATOR tab page

The Mainboard VIOLATOR tab page provides violator contact information (Figure 11). The changes made are saved when the user clicks the "Save" button.

To add new violator record to the same Violation/Compliance file click on the "+" button on the VIOLATOR tab page.

The "Search" button next to the "Name" field on the VIOLATOR tab page allows the user to search for the name of the violator previously entered in the database. Double clicking over an existing entry on the search form fills the VIOLATOR tab page with the existing information for that contact.

🧑 VIOL	LATION MANAG	GEMENT SYST	'EM - Main Board				×
VIOLA	TION# VBA-00	1-001	GO 🙀	VBA-001-001	LOCATION	08/07/20	02
+	FILE	MOLATOR	DESCRIPTION	FINES REMARKS			
	Assessed	?: No				2057 X	Rank
2	Rank: Owner?:	1 declaration	-				Search
	Name:	Griffin, Linda			_₩ ◀		by Name
	Address:	716 Tallahas	see Road				
	City:	Albany		* +			
	State:	GA 🖵 +					
	Zip:	31707-					+ Button
	Country:	USA					Dutton
	Phone:	229 436-2	760				
\$	Total number	r of records:	1 < <	> > +	NOT	E: The fields in RED are REQUIRED.	
Reco	rd: 1/1						

Figure 11: VIOLATOR tab page.

Setting the Rank field to 1 causes the corresponding violator's record to be shown on the reports where only the first violator is listed.

3.6 Mainboard: DESCRIPTION tab page

The Mainboard DESCRIPTION tab page provides information on project actions, descriptions and office decisions. The changes made are saved when the user clicks the "Save" button.

A new entry can be made by clicking on "+" button (Figure 12).

	LATION MANAGEMENT S	STEM - Main Board Stochological control Main Board Stochological control Main Board Stochological control	***********	•••••••••••••••••••••••••••••••••••••••	
VIOLA	FILE MOLATO		Approved Depied	08/07/2002	2
	Project Action	Description	Exempt Pending	1816	
	Repair or Recons 🔻	Subgrade Utilities (e.g. Septic tanks, Drainfields, Wells, Electrical & 🔻	Restricted	▼ ▲ X	
	Temporary 🔻	Walls - Privacy, Safety, Security and Ornamental 🛛 🗸 🔻	Undetermined	<u> </u>	
	×		+	- X	
		v	+	<u> </u>	
		v	+		
	×		+	<u> </u>	
	×		+		
	×		+	<u> </u>	+ Button
	×		+	 ✓ X 	
	×		+		
	×			<u> </u>	
			+	e v si	
\$	Total number of record	x: 2 I >> + NOTE: The field:	s in RED are REQU	RED.	
Reco	rd: 2/2				

Figure 12: DESCRIPTION tab page.

3.7 Mainboard: FINES tab page

The Mainboard FINES tab page provides information on fines. The changes made are saved when the user clicks the "Save" button.

A new entry can be made by clicking on "+" button.

"Assessed To" field is required and entered by clicking on the "Search" button on the Fines tab page (Figure 13). Only the violators related to the current Violation/Compliance file are possible choices. The user must highlight the entry in the "Violator Search Form" and click OK to accept an entry (Figure 14) which fills the "Assessed To" field in the FINES tab page.

현 ИОБ	ATION MANA	GEMENT SYST	EM - Main Boa	ard (Reference)					
VIOLAT	ION# VBA-0	83-002	🙌 GO	VBA-08	3-002	LOCATION		08/07/2002	
+	FILE	MOLATOR	DESCRIPTION	FINES	REMARKS			`	Assessed
								868	10
	()	Violation Type	Action Typ	e Assess	sed To				
	867	Civil Fine	None	T		-			
2	Amount \$1,000 (Due Date	Paid \$1,000,00	Paid Date 03/14/1084	Paid By			
	÷1,000.	50 0 1/0 1/ 1500	0	\$1,000.00	03/14/1304		0		Search
	Remarks						Výchu		
	(Violation Type	Action Typ	e Assess	sed To				
	Amount	Louiod Date	Pue Pate	Daid	Daid Data	Daid Da			+ Button
	Amount		Due Date	Palu	Palu Date	Palu by			
	Bomarka		J	.))			00cpe		
	Refficiences						Viguno		
\$	Total numbe	er of records:	1 <	< > :	> +		NOTE: The fields in RED are R	EQUIRED.	
Record	5: 1/1				<08	C>			

Figure 13: FINES tab page.

2 VIOLATION MANAGEMENT SYSTE								×
VIOLATION# VBA-083-002	#	VBA-083-00		TION			08/0	7/2002
violator Search (2000-2000-2000-2000)						00000 ×		
								868
Find HOBBS CONSTRUCTION%							###	
LastName	A	\ddress		Zip	AreaCode	Phone		
HOBBS CONSTRUCTION		3711 W HWY 231		32401				
							Ě	
							442	
						D	IRED.	
	<u>o</u> k	<u>Cancel</u>	Eind					
			10000		_		1	

Figure 14: Violator Search Form.

3.8 Mainboard: REMARKS tab page

The Mainboard REMARKS tab page provides a general notes page 255 characters long (Figure 15). The changes made are saved when the user clicks the "Save" button.

🤠 VIOL	ATION MANA	AGEMENT SYST	'EM - Main Board					×
VIOLAT	TION# VBA-0	83-002	eo 🙀	VBA-083	-002	LOCATION		08/07/2002
*1	FILE	MOLATOR	DESCRIPTION	FINES	REMARKS	ι		(
	GENERAL	NOTES (max 255	characters):				×	868
2	SIEELF	PILINGS						
¢						ŀ	NOTE: The fields in RED are	REQUIRED.
Recor	rd: 1/1				<0SC	>		

Figure 15: REMARKS tab page.

3.9 Mainboard: LOCATION page

The Mainboard LOCATION page provides information on the location of the Violation/Compliance file. Multiple entries can be made for Address, R-Monument and Coordinates (Figure 16). The changes made are saved when the user clicks the "Save" button. A new entry can be made by clicking on "+" button for the respective table.

On the location table putting a check on the "Default" check box causes the corresponding location record to be shown on the reports where only the first location is listed. At least one record must have the default checkbox set to checked.

👰 VIOLA	TION MANAGEMENT SYSTE	M - Main Board				×	
VIOLATI	on# VBA-083-002	🚧 GO	VBA-083-002	LOCATION		08/07/2002	
	MainBoard - [LOCATION]					× 20000000	Save
			Zebu	City Ion	Zip + +	Default?	- Default
	Total number of records: R-Monument County BA - Bay Total number of records:	0 < From Dir./D R 077T E120 1 <	< > > + ist. To >	Dir./Dist.	Note		
Record	Coordinates Lat_dd mm ss Latitud Total number of records: Record: 1/1		ng_ddmm ss Long < > > +	cosc>	X UTM Y		_

Figure 16: LOCATION page.

3.10 Mainboard: Summary Report

Pressing on the Preview Summary Report on the Mainboard's vertical toolbar displays a printable pdf report summarizing the information entered in the different pages of the Mainboard (Figure 17).

ttp://bacco/dev60cgi/rwcgi60.exe/getjobid=RepBACCO_2?server=Re	pBACCO - Microsoft Internet Explorer
<u>E</u> dit ⊻iew F <u>a</u> vorites <u>I</u> ools <u>H</u> elp	100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100
⑤ ⓑ ∽ · ♣ 爲 M Þ ▣ H ∢ ▶ H ♦ ● ○ Q · Ђ · छ 目 · / · ∠ · छ 幺 0 1 0 0 0	119% • 🕑 🗅 🖻 🖻 🖻 • 🔛
FDEP - BUREAU OF BEACHE SUMMARY REPORT - \	S AND WETLAND RESOURCES
ViolComp# VBA-083-002 County: BA Action Authorized By: Received: 05/03/1983 Hearing Date: Severity Major Restoration Agreement: Letter Sent: 05/06/1983 Restoration Complete: Letter Type: Removal Date: File Close Date: Warning Notice Date: File Close Date: Entered By: Entry Date: Set	File Type: Violation dnr 07/21/1986 Fileid 868
VIOLATOR: Assessed To Owner/Agent Violator	Phone
NA Undetermined HOBBS CONSTRUCTION Address 3711 W HWY 231 Panama City FL 32401	
PROJECT LOCATION: Location City	Zip
PROJECT DESCRIPTION:	
Request Description	Decision
FINE: Type Levied Date Due Date Amount Paid Pa	id Date Action OGC #

Figure 17: Summary Report.

4. LOCATOR QUERIES

The "Locator Queries Form" is a common interface for VMS, PMS and PrMS (Figure 18). All BCMS users can access this interface to locate files (violations, compliance, permits, projects, etc.) belonging to the three databases.

The "Locator Queries Form" is logically divided in two parts (Figure 18): *gray* area (upper side) and *blue* area (lower side). The *gray* area contains query parameters that are *common* to all the available queries. The *blue* area offers different queries of by Name/Company, by Project name/Location and by Monument, all accessible by tab-pages. Each *blue* page contains query parameters that are *specific* to that tab page, and a query button that launches the query.

After choosing the "DBMS" (Database Management System) field, the interface dynamically adapts to enable the available tab pages for that DBMS. Violation Management System can access Violator Name/Company and Monument tab pages.

The result of the query is a list of records matching the criteria. If the list shows file numbers in *red* color, these files provide the user with a drill-in link to the related Mainboard interface. Double clicking on the number will open the Mainboard interface with the specific file, displaying all the available information about the file.

$\overline{\mathbf{a}}_{\mathbf{b}}$ LOCATOR (Although the second state of the second	— Close
DBMS: Violation Management System	— DBMS
File Type:	Gray Area: Common
County: File Received: From: To:	Blue Area: Specific
NAME/COMPANY PROJECT NAME/LOCATION MONOMENT	
	Execute Query
Violator: SAIDA OF VERO BEACH, INC.	Clear
* In the above fields you can use the wildcard "%"for a "LIKE" search.	Violator Search
(Record: 1/1 <08C>	Violator Field

Figure 18: Locator Query Form - Violator Name page

4.1 Locator Queries: Violator Name Page

The locator query "Violator Name" page is shown on Figure 18.

To run the query, enter the name of the violator you are searching. If you do not know the exact spelling, click the "VIOLATOR" button. The subsequent screen allows the user to enter part of the name combined with the wildcard character "%". After clicking the "Find" button, the screen displays a list of available names matching the criteria. Highlighting the record and double-clicking (or clicking "OK") will fill the "Last Name" field on the Violator Name page. Clicking on the "Execute Query" button generates the "Violator Search Result" list of violation/compliance files (Figure 19) matching the query criteria.

"Clear" button clears the entry made in the "Violator" field.

The "File #" field, in *red* color, in the "Violator Search Result" list (Figure 19) provides a drill-in link to the VMS Mainboard. If the user double clicks on the number, the interface opens the VMS Mainboard with the same violation/compliance file number. All the information for the file can be viewed on the Mainboard and printed using the "Summary Report" button.

🧑 O	wner Sea	irch Result (2000)000000000000000000000000000000000				-1-1-				2000-000 <u>-</u>	র্থ স	×	
ow	NER SEAF	RCH RESULT											
Asse	essed?	Name	Address	City	State	P	hone	Receive Dat	te Type	File #		ħ.	
Yes	Undeter mined	SAIDA OF VERO BEACH, INC.	4800 N OCEAN BLVD	Vero Beach	FL				COMP	IR-077-000			
											\mathbb{R}		
													\backslash
												0 0 0 0	Drill-in Link
												*	to VMS Mainboard
SQI	.: (APPLTY	(PE = 'COMP') AND (UPPER(NAME) LI	KE '% SAIDA OF VERO B	EACH, INC.%')								
L													
	_					1.1.1		_		_		P)	
Re	ord: 1/1			 <0	190×								
	cord: 1/1			<c< td=""><td></td><td>·,·,·</td><td>* * *</td><td>-</td><td></td><td>-</td><td></td><td></td><td></td></c<>		·,·,·	* * *	-		-			

Figure 19: Violator Search Result

4.2 Locator Queries: R-Monument Page

The locator query "Monument" page is shown on Figure 20.

		DBMS
DBMS:	Violation Management System	
File Type:	Violation	
County:	VO - Volusia	County
File Received:	From: To:	
NAME/COMPAN		
From Monumer To Monument: *Valid R-monum Remember to e	nt: R- 010 R- 100	R-monument
Record: 1/1		

Figure 20: Locator Query Form - Monument page

To run the query, first enter the County and the Monument Range number in From and To fields. In Monument Range fields "From Monument R-" and "To Monument R-" use only numbers, alphabetical characters are not acceptable. Clicking on the "Execute Query" button generates the list of violation/compliance files matching the query criteria (Figure 21).

The "DBMS" field for the "Monument" page query allows the user to choose the "ALL" option. This option corresponds to a union query on all the three BCMS databases: VMS, PMS, and PrMS. The monument search result of a such query lists all the files in all the three databases having a geographical monument with the query criteria.

The "File #" field, in *red* color, provides a drill-in link to the Mainboard. If the user double clicks on the number, the interface opens the VMS or PMS Mainboard for that violation/compliance or permit file number. All the information for the file can be viewed on the Mainboard and printed using the "Summary Report" button.

🙀 Mon	ument	Search Result									≍ ⊻ ×	
PROJECT MONUMENT RESULT												
CO	MON.	Dir/dist		MON.	Dir/dist	Received	Туре	Status	Close Date	File #		
VO A	033	N0235/				04/25/2000	VIOL		06/06/2001	VVO-000-003		
VO R	034	N180				11/09/1992	VIOL	Minor	07/31/1996	VVO-092-008		
VO T	037	N300				08/01/1984	VIOL	Minor	03/04/1985	VVO-084-005		
VO R	043	S400	ח			09/10/1982	VIOL	Minor	04/27/1983	VVO-082-001		
VO R	043	S400				08/14/1989	VIOL	Minor	12/08/1989	VVO-089-004		
VO R	049	N330				02/19/1991	VIOL	Minor	02/05/1992	VVO-091-004		\mathbf{i}
VO R	052	S175				02/11/1991	VIOL		03/27/1991	VVO-091-003		
VО Т	053	S100				03/09/1985	VIOL	Major	04/13/1988	VVO-085-001		Drill_
VO T	053	S200				03/09/1985	VIOL	Major		VVO-085-002		to
VO T	053	S350				03/09/1985	VIOL	Major		VVO-085-003		Mair
SQL: (APPLTYPE = 'MOL') AND (COUNTY = 'VO') AND ((RANGEMON BETWEEN '010' AND '100') OR ((LASTMON BETWEEN '010' AND '100') AND (RANGEMON < '010'))												
•												
Reco	rd: 1/?											

Figure 21: Monument Search Result

5. REPORTS

The "Reports" Form is a common interface for VMS, PMS and PrMS (Figure 22). All BCMS users can access this interface to run more than fifty dynamic reports built for violations, compliance, permits, projects files belonging to the three databases.

The "Reports" form menu contains "Reports" menu option. The Reports menu option contains "Permit and Violation Management" menu item with "Engineering, Environmental, Enforcement" and "Manager" subitems, and the "Project and Contract Management" menu item. (Figure 22). When the user chooses a class of report, the form dynamically modifies the interface to provide the available reports for that option. The default "Reports" screen is the "Engineering, Environmental, Enforcement, Environmental, Enforcement" as shown in Figure 22.

	Reports menu (choices)	
🙀 REPORTS DOCTORODOCODOCT	***************************************	Close
Action Reports E 4 Window Help	•	
Section Permit and Violation Management	Engineering, Environmental, Enforcement	
Project and Contract Management	Manager	
Engineer/Inspector:	ENGINEER	Gray Area: Common
Counties:	e.g. 'CO', 'FL', 'BO'	
WEEKLY REPORTS	WEEKLY REPORTS	
Report:		
	90 DAYS DEADLINE REPORT	
Sort Bre	MONITORING REPORT	
	GLOBAL LISTING REPORTS	
	EIFORCEMENT/COMP REPORTS	
	▲	
		Blue Area: Specific
Record: 1/1		

Figure 22: Reports Form - default screen of "Engineering, Environmental, Enforcement"

The "Reports" Form is logically divided in two parts (Figure 22): *gray* area (upper side) and *blue* area (lower side). The *gray* area contains query parameters that are *common* to all the report queries. The *blue* area provides different types of reports grouped by functionality such as: "Weekly Reports", "Inspector Reports", "Enforcement/Compliance Reports" etc. Each *blue* page contains query parameters that are *specific* to that group of reports, and a query button that launches the related query.

VMS Reports are listed under "Engineering, Environmental, Enforcement" menu option and are therefore also on the default screen. Choosing the "Enforcement and Compliance" option in the "Section" pull down list, the interface dynamically adapts to enable the "ENFORCEMENT/COMP REPORTS" tab page (Figure 23).

After choosing a report from the list and entering the optional query parameters on the "ENFORCEMENT/COMP REPORTS" tab page, press the "Run Report" button. The result of the query is a list of records matching the criteria. If the list shows file numbers in *red* color these files provide the user with a drill-in link to the related printable "Summary Report". Double clicking on the number will open the "Summary Report" with the specific file number displaying all the available information on the file. To go back to the report list, click on the "Back" arrow of the web browser.



Figure 23: Reports Form - "Enforcement and Compliance Reports"

5.1 Fines Report

The "Fines Report" form gives the user the option to query the database by: Counties, Fine Type and Levied Date (Figure 24).



Figure 24: Report Form - "Fine Report"

The result is a list of files matching the query criteria (Figure 25).

The file numbers in *red* color (Figure 25) provide the user with a drill-in link to the related printable "Summary Report". Double clicking on the number will open the "Summary Report" with the specific file number displaying all the available information on the file (Figure 26). To go back to the report list, click on the "Back" arrow of the web browser (Figure 26).

The "Fines Report" list highlights fines with a red rectangle where the "Remaining" field is different than "\$0" and the "Action" field is different than Appealed, Rescinded or Lien. The report calculates the totals.

FDEP - BUREAU OF BEACHES AND WETLAND RESOURCES Fines Report											
ROM:	01/01/2000	TO: 01/0	1/2001								
ounty	Wol/Comp#	Fine Type	Namo	Amount	Paid	Remaining Levied	Due Paid	Action	OGC#	Paid by	Notes
LE	E-779-000	Civil Fine	First Cantral Investment Corp.	\$1,000.00	\$1,000.00	\$0.00 07/20/2000	07/31/2000	None	00-1304	Edison Beach House	
E	VLE-000-008	Gvil Fine	Coquina Beach Club Condominium	\$300.00	\$300.00	\$0.00 09/08/2000	09/28/2000	None	00-1621	Coguina Beach Condo Assn.	
LE	VLE-000-018	Ovi Fine	Demondhead Island Beach Resort	\$300.00	\$300.00	\$0.00 11/02/2000	11/22/2000	None	00-2079	DiamondHead Beach Resort.	
E	VLE-099-007	Ovi Fine	Ewing, John B.	\$1,250.00	\$1,250.00	\$0.00 D6/23/2000	07/20/2000	None	00-1169	John B. and JoAnne Ewing	
E	VLE-099-007	Civil Fine	Lake Raza Custom Homes, Inc.	\$1,250.00	\$1,250.00	\$0.00 D6/23/2000	07/03/2000	None	00-1169	Lake Plaza Custom Homas, Inc.	
E	VLE-099-010	Ovi Fine	Carslaka, Murtay	\$300.00	\$300.00	\$0.00 D4/25/2000	06/01/2000	None	00-0897	Murray Carslake	
E	VLE-099-011	Civil Fine	Dahl, Robert	\$300.00	\$300.00	\$0.00 07/17/2000	12/10/2000	None	00-1323	Robert Dahl	
0	VVO-097-004	Gvi Fine	Robinson, Edward B.	\$1,000.00	\$0.00	\$1,000.00 09/13/2000		None	00-1528		
10	VVO-099-05	Ovi Fina	Robinson, Edward B.	\$1,000.00	\$0.D0	\$1,000.00 08/23/2000	07/20/2000	None	00-1177		
				Total Assessed \$6,700.00	Total Paid \$4,700.00	Total Unpaid Total \$2,000.00 Total Total	Appealed: Rescinded: Liens:	\$(\$(\$(0.00 0.00 0.00		
AFERE [VTB_REP_IRVE.COUNTY IN(1E, VO)) AND (VTS_REP_THE ENETYFE + 'F) AND (VTS_REP_FNETSUEDAT BETWEEN 01-JAN 2000' AND '01-JAN 250' ORDER BY COUNTY, VDLCOMPNO											

Figure 25: Report List - "Fines Report"

Drill-in link to Summary Report

Remaining <> 0\$

Totals

<u>F</u> ile	E	<u>i</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools	<u>H</u> elp			<u>11</u>
k B	¦⊒ ack	Forward Stop	Refresh Home Sea) 🔝 Irch Favorites	- ∰ History Mail	Print **
	18	3 🖻 🗠 - 🖊 🔏 🖭		* *		
Θ	10	2% 🔹 🟵 🖪 🖪	3 Pr • 🥐 Q • To •	🗟 🛛 🗉 🗸	• 🖉 • 🕎 🔏 🛛 🕅	0 🖳 🖸
narks		FDE	P - BUREAU OF BEACH SUMMARY REPORT	IES AND WE - VIOLATION	TLAND RESOURCE	S
농		ViolComp# LE-779-000			File Type: Compliance	
- Ř		County: LE	Action Authorized By:	dep		
		Received: 10/22/1999	Hearing Date:			
율		Severity Major	Restoration Agreemen	t:		
돈		Letter Sent: 11/16/1999	Restoration Complete:			
		Letter Type: Warning Letter	Removal Date:			
Ĕ		Warning Notice Date:	File Close Date:	08/04/2000		
١ <u>ج</u>		Entered By: Jim Marinello				
Ľ		Entry Date: 04-AUG-00			Flield 175	6
ਛ		Assessed To Owner/Agent	Violator		Phone	
5		Yes Owner	First Central Investment Corp.		rnone	- I -
UN I	• Ì	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	11 in 🔲 🗄 🔠 📢			Þ
an r						al intranot
<u>ا</u> ا	POHe	,				annuarieu

Back to the Report Listing

Figure 26: Report - "Summary Report"

5.2 Fines with OGC# Report

The "Fines with OGC# Report" form gives the user the option to query the database by: Counties, OGC#, Fine Type and Levied Date (Figure 27).

The result is a list of files matching the query critea (Figure 28). The list shows only files where OGC# is not null.

The file numbers in *red* color (Figure 28) provide the user with a drill-in link to the related printable "Summary Report". Double clicking on the number will open the "Summary Report" with the specific file number displaying all the available information on the file (Figure 27). To go back to the report list, click on the "Back" arrow of the web browser (Figure 27).

🔯 REPORTS 😥	***************************************	×							
Action Reports	Edit Window Help								
Section: Enforcement and Compliance									
Counties: 'BO',	'FL' e.g. 'CO', 'FL', 'BO) '							
ENFORCEMENT		WEEKLY REPORTS							
Report:	Fines with OGC#Report	INSPECTOR REPORTS							
000		30 DAYS DEADLINE REPORT							
OGC#:		MONITORING REPORT							
Fine Type:		GLOBAL LISTING REPORTS							
Levied From:	То:	ENFORCEMENT/COMP REPORTS)							
	MM/DD/YYYY MM/DD/YYYY								
* You can use % as wildcard for OGC#field.									
Record: 1/1									

Figure 27: Report Form - "Fines with OGC# Report"

	Drill-in link to Summary Report											
FDEP - BUREAU OF BEACHES AND WETLAND RESOURCES Fines with OGC# Report												
County	ViolComp#	Fine Type	Name	Amount	Paid	Remaining Levied	Due	Paid	Action	OGC#	Paid by	Notes
FL	VFL-000-002	Civil Fine	Holt, Gall	\$1,000.00	\$1,000.00	\$0.00 04/16/20	12	05/01/2002	None	02-0518	Gall W. Holt	
FL	VFL-096-002	Civil Fine	CONWAY, STEPHEN S. AND LUPITA A.	\$500.00	\$500.00	\$0.00 09/23/19	17	12/17/1997	None	97-1405		OGC#97-14 CONWAY
FL	VFL-099-004	Civil Fine	Fowkes, Derek	\$500.00	\$500.00	\$0.00 10/23/20	00	11/06/2000	None	00-1951	Derek Fow kes	
				Total Assessed \$2,000.00	Total Paid \$2,000.00	Total Unpaid To \$0.00 To To	tal Appealec tal Rescinde tal Liens:	i: ed:	\$0.0 \$0.0 \$0.0	10 10 10		
WHERE	VTS_REP_FINE	COUNTY N (B	O', 'FL')) AND (VTS_REP_FI	NE OGONO IS NOT NULL)	ORDER BY COU	INTY, VIOLCOMPNO						

Figure 28: Report List - "Fines with OGC# Report"

5.3 Unpaid Fines Report

The "Unpaid Fines Report" form gives the user the option to query the database by Counties, Fine Type and Levied Date (Figure 29).

The result is a list of files matching the query criteria (Figure 30). The list shows only files where the value in the "Remaining" field is different than zero.

The file numbers in *red* color (Figure 28) provide the user with a drill-in link to the related printable "Summary Report". Double clicking on the number will open the "Summary Report" with the specific file number displaying all the available information on the file (Figure 27). To go back to the report list, click on the "Back" arrow of the wen browser (Figure 27).

REPORTS () () () () () () () () () () () () ()	\times
Action Reports Edit Window Help	
Section: Enforcement and Compliance	
Counties: e.g. 'CO', 'FL', 'E	10'
	WEEKLY REPORTS
Penort: IInpaid Eines Penort	INSPECTOR REPORTS
	30 DAYS DEADLINE REPORT
	MONITORING REPORT
Fine Type:	GLOBAL LISTING REPORTS
Levied From: 01/01/2001 To: 02/01/2002	ENFORCEMENT/COMP REPORTS
MM/DD/YYYY MM/DD/YYYY	
* You can use % as wildcard for OGC#field.	

Figure 29: Report Form - "Unpaid Fines Report"

	Drill-in link to Summary Report											
FDEP - BUREAU OF BEACHES AND WETLAND RESOURCES Unpaid Fines Report												
County	Wol/Comp#	Fine Type	Hama	Amount	Paid	Remaining Levie	d Due	Paid	Action	OGC#	Paid by	Notos
CH	VCH-001-002	Gvil Fine	Hoek, Donald C. and Gloria B.	\$500.00	\$0.00	\$500.00 08/23	2001		Rescinded	01-1396		Fine Rescinded on 3/18/02
FR. I	FR000563	Ovi Fina	Ben Withers/Ben Withers, he.	\$500.00	\$0.00	\$500.01 11/30	2001 12/28/2	001	None	01-1863		
R	VFR-001-001	Damaga	Ben Withers/Ben Withers, he.	\$5,000.00	\$0.00	\$5,000.00 D1/11	2002		Appealed	01-1966		Currently Under Appeal
FR.	VFR-001-001	Ovi Pne	Ben Withers/Ben Withers, he.	\$7,500.00	\$0.00	\$7,500.00 D1/11	2002		Appealed	01-1966		Currently Under Appeal
NA	VNA-001-002	Gvi Fine	Etwards, Willam & Blanche	\$300.00	\$0.00	\$300.00 06/21	2001		Reseinded	01-0987		Fine was respired on 11/29/01
				Total Assessed Total Paid Total Unpaid Total Appealed: \$13,800.00 \$0.00 \$13,000.00 Total Rescinded: Total Liens:						0		
WHERE {	VTS_REP_FINE	ELEVEDAT BET	WEEN '01-JAN-2001' AND '01-	FEB-2002] AND [VTS_	REP_FINE.REMA	INING > 0) ORDER (Y COUNTY, V	/IOLCOMPNO				

Figure 30: Report List - "Unpaid Fines Report"

5.3 Enforcement Opened and Closed Files and Compliance Opened and Closed Files Reports

The "Enforcement Opened and Closed Files" form and the "Compliance Opened and Closed Files Reports" form give the user the option to query the database by Counties and Opened and Closed date (Figure 31).

🧱 REPORTS ())))))))))))))))))))))))))))))))))))	$\cdots \cdots $
Action Reports Edit Window Help	
Section: Enforcement and Compliance	
Counties: LE' e.g. 'CO', 'FL', 'Be	D .
	WEEKLY REPORTS
Penort: Enforcement Opened and Closed Files	NISPECTOR REPORTS
This center opened and closed ries	30 DAYS DEADLINE REPORT
	MONITORING REPORT
	GLOBAL LISTING REPORTS
From: 01/01/2001 To: 02/01/2002 MM/0D/YYYY MM/0D/YYYY	ENFORCEMENT/COMP REPORTS)
* You can use % as wildcard for OGC# field.	
Record: 1/1 <0SC>	

Figure 31: Report Form - "Enforcement Opened and Closed Files"

FDEP - BUREAU OF BEACHES AND WETLAND RESOURCES Opened and Closed Files Report														
FROM:	01/01/200	2 TO: 02/01/2002												
OPE	NED FIL	ES												Violation
co	Vio/C	omp#	Close Date	Wari	ning so Dete	Severity		Letter Sent		Letter T				
LE	LE VLE-002-001 01/10/2002		06/26/2002	26/2002			Minor		01/24/2002		Warning Letter			
F	in e Type	Namo		Arnount	Paid	Remaining	Levied	Due	Paid	Action	OGC#	Paid by	Notes	
				\$0.00	\$0.00	\$0.00						-		
Count: 1														
Oper	n Files C	ount: 1												
CLOS	SED FIL	ES			Wai	mina								Violation
co	Viol/C	omp#	Report Date	Close Date	Not	ice Date	Severi	ty	Letter Sen	t	Letter T	уре		
LE	VLE-0	01-022	07/27/2001	01/09/2002			Minor		08/20/2001		Warning	Letter		
F	ine Type	Name		Arnount	Paid	Remaining	Levied	Due	P aid	Action	OGC#	Paid by	Notes	
0	ävil Fine	Wurster, Shirley	10/00/00004	\$300.00	\$300.00	\$0.00	11/04/2001	11/04/200	01 12/20/2001	None	01-1868	Shirley Wurster		
LE	VLE-0	01-031	10/30/2001	01/09/2002			Minor		11/19/2001		Warning	Letter		
F	ine Type	Name		Arnount	Paid	Remaining	Levied	Due	P aid	Action	OGC#	Paid by	Notes	
	XI Fine	Conidaris, Robert and G	nace comparid con	\$300.00	\$300.00	\$0.00	12/19/2001	12/19/200	01 12/21/2001	None	01-1936	Conidaris Builders		
LE	VLE-0	98-004	09/23/1998	01/16/2002										
- F	ine Type	Name		Amount	Paid	Remaining	Levied	Due	Paid	Action	OGC#	Paid by	Notes	
LE	VLE-0	98-009	10/20/1998	01/16/2002	\$0.00	\$0.00	Minor		11/19/1998		Warning	Letter		
	in e Type	Namo		Amount	Paid	Remaining	Lowied	Due	Paid	Action	OGC#	Paid by	Notes	
11	me i Mie			\$0.00	\$0.00	\$0.00			r and	Action	0004	, and by	1000	
Count: 4														
Clos	ed Files	Count: 4												
					_									
Tota	l File Co	unt: 5												

Figure 32: Report List - " Enforcement Opened and Closed Files "

The result is a list of files matching the query criteria (Figure 32). The list shows the files grouped in the Opened Files sub-report and the Closed Files sub-report in the same time period.