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Extensions for Financial Services (XFS) interface specification -Release 3.0 - Part 14: Card Embossing Unit Class Interface

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Foreword

This CWA is revision 3.0 of the XFS interface specification.

The move from an XFS 2.0 specification (CWA 13449) to a 3.0 specification has been prompted by a series of factors.

Initially, there has been a technical imperative to extend the scope of the existing specification of the XFS Manager to include new devices, such as the Card Embossing Unit.

Similarly, there has also been pressure, through implementation experience and the advance of the Microsoft technology, to extend the functionality and capabilities of the existing devices covered by the specification.

Finally, it is also clear that our customers and the market are asking for an update to a specification, which is now over 2 years old. Increasing market acceptance and the need to meet this demand is driving the Workshop towards this release.

The clear direction of the CEN/ISSS XFS Workshop, therefore, is the delivery of a new Release 3.0 specification based on a C API. It will be delivered with the promise of the protection of technical investment for existing applications and the design to safeguard future developments.

The CEN/ISSS XFS Workshop gathers suppliers as well as banks and other financial service companies. A list of companies participating in this Workshop and in support of this CWA is available from the CEN/ISSS Secretariat.

This CWA was formally approved by the XFS Workshop meeting on 2000-10-18. The specification is continuously reviewed and commented in the CEN/ISSS Workshop on XFS. It is therefore expected that an update of the specification will be published in due time as a CWA, superseding this revision 3.0.

The CWA is published as a multi-part document, consisting of:

Part 1: Application Programming Interface (API) - Service Provider Interface (SPI); Programmer's Reference

Part 2: Service Classes Definition; Programmer's Reference

Part 3: Printer Device Class Interface - Programmer's Reference

Part 4: Identification Card Device Class Interface - Programmer's Reference

Part 5: Cash Dispenser Device Class Interface - Programmer's Reference

Part 6: PIN Keypad Device Class Interface - Programmer's Reference

Part 7: Check Reader/Scanner Device Class Interface - Programmer's Reference

Part 8: Depository Device Class Interface - Programmer's Reference

Part 9: Text Terminal Unit Device Class Interface - Programmer's Reference

Part 10: Sensors and Indicators Unit Device Class Interface - Programmer's Reference

Part 11: Vendor Dependent Mode Device Class Interface - Programmer's Reference

Part 12: Camera Device Class Interface - Programmer's Reference

Part 13: Alarm Device Class Interface - Programmer's Reference

Part 14: Card Embossing Unit Class Interface - Programmer's Reference

Part 15: Cash In Module Device Class Interface- Programmer's Reference

Part 16: Application Programming Interface (API) - Service Provider Interface (SPI) - Migration from Version 2.0 (see CWA 13449) to Version 3.0 (this CWA) - Programmer's Reference

Part 17: Printer Device Class Interface - Migration from Version 2.0 (see CWA 13449) to Version 3.0 (this CWA) - Programmer's Reference

Part 18: Identification Card Device Class Interface - Migration from Version 2.0 (see CWA 13449) to Version 3.0 (this CWA) - Programmer's Reference

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Part 19: Cash Dispenser Device Class Interface - Migration from Version 2.0 (see CWA 13449) to Version 3.0 (this CWA) - Programmer's Reference

Part 20: PIN Keypad Device Class Interface - Migration from Version 2.0 (see CWA 13449) to Version 3.0 (this CWA) - Programmer's Reference

Part 21: Depository Device Class Interface - Migration from Version 2.0 (see CWA 13449) to Version 3.0 (this CWA) - Programmer's Reference

Part 22: Text Terminal Unit Device Class Interface - Migration from Version 2.0 (see CWA 13449) to Version 3.0 (this CWA) - Programmer's Reference

Part 23: Sensors and Indicators Unit Device Class Interface - Migration from Version 2.0 (see CWA 13449) to Version 3.0 (this CWA) - Programmer's Reference

Part 24: Camera Device Class Interface - Migration from Version 2.0 (see CWA 13449) to Version 3.0 (this CWA) - Programmer's Reference

Part 25: Identification Card Device Class Interface - PC/SC Integration Guidelines

In addition to these Programmer's Reference specifications, the reader of this CWA is also referred to a complementary document, called Release Notes. The Release Notes contain clarifications and explanations on the CWA specifications, which are not requiring functional changes. The current version of the Release Notes is available online from http://www.cenorm.be/isss/Workshop/XFS.

The information in this document represents the Workshop's current views on the issues discussed as of the date of publication. It is furnished for informational purposes only and is subject to change without notice. CEN/ISSS makes no warranty, express or implied, with respect to this document.

Revision History:

3.00

October 18, 2000

Initial release

1. Introduction

1.1 Background to Release 3.0

The CEN XFS Workshop is a continuation of the Banking Solution Vendors Council workshop and maintains a technical commitment to the Win 32 API. However, the XFS Workshop has extended the franchise of multi vendor software by encouraging the participation of both banks and vendors to take part in the deliberations of the creation of an industry standard. This move towards opening the participation beyond the BSVC's original membership has been very succesful with a current membership level of more than 20 companies.

The fundamental aims of the XFS Workshop are to promote a clear and unambiguous specification for both service providers and application developers. This has been achieved to date by sub groups working electronically and quarterly meetings.

The move from an XFS 2.0 specification to a 3.0 specification has been prompted by a series of factors. Initially, there has been a technical imperative to extend the scope of the existing specification of the XFS Manager to include new devices, such as the Card Embossing Unit.

Similarly, there has also been pressure, through implementation experience and the advance of the Microsoft technology, to extend the functionality and capabilities of the existing devices covered by the specification.

Finally, it is also clear that our customers and the market are asking for an update to a specification, which is now over 2 years old. Increasing market acceptance and the need to meet this demand is driving the Workshop towards this release.

The clear direction of the XFS Workshop, therefore, is the delivery of a new Release 3.0 specification based on a C API. It will be delivered with the promise of the protection of technical investment for existing applications and the design to safeguard future developments.

1.2 XFS Service-Specific Programming

The service classes are defined by their service-specific commands and the associated data structures, error codes, messages, etc. These commands are used to request functions that are specific to one or more classes of service providers, but not all of them, and therefore are not included in the common API for basic or administration functions.

When a service-specific command is common among two or more classes of service providers, the syntax of the command is as similar as possible across all services, since a major objective of the Extensions for Financial Services is to standardize command codes and structures for the broadest variety of services. For example, using the **WFSExecute** function, the commands to read data from various services are as similar as possible to each other in their syntax and data structures.

In general, the specific command set for a service class is defined as the union of the specific capabilities likely to be provided by the developers of the services of that class; thus any particular device will normally support only a subset of the defined command set.

There are three cases in which a service provider may receive a service-specific command that it does not support:

- The requested capability is defined for the class of service providers by the XFS specification, the particular vendor implementation of that service does not support it, and the unsupported capability is *not* considered to be fundamental to the service. In this case, the service provider returns a successful completion, but does no operation. An example would be a request from an application to turn on a control indicator on a passbook printer; the service provider recognizes the command, but since the passbook printer it is managing does not include that indicator, the service provider does no operation and returns a successful completion to the application.
- The requested capability is defined for the class of service providers by the XFS specification, the particular vendor implementation of that service does not support it, and the unsupported capability *is* considered to be fundamental to the service. In this case, a WFS_ERR_UNSUPP_COMMAND error is returned to the calling

application. An example would be a request from an application to a cash dispenser to dispense coins; the service provider recognizes the command but, since the cash dispenser it is managing dispenses only notes, returns this error.

• The requested capability is *not* defined for the class of service providers by the XFS specification. In this case, a WFS_ERR_INVALID_COMMAND error is returned to the calling application.

This design allows implementation of applications that can be used with a range of services that provide differing subsets of the functionalities that are defined for their service class. Applications may use the **WFSGetInfo** and **WFSAsyncGetInfo** commands to inquire about the capabilities of the service they are about to use, and modify their behavior accordingly, or they may use functions and then deal with WFS_ERR_UNSUPP_COMMAND error returns to make decisions as to how to use the service.

2. Card Embossing Units

This section describes the functions provided by a generic card embossing unit (CEU). These descriptions include definitions of the service-specific commands that can be issued, using the **WFSAsyncExecute**, **WFSGetInfo** and **WFSAsyncGetInfo** functions.

Embossing card units are generally viewed by XFS as compound devices with the following capabilities and features:

- Embossing of magnetic stripe card/ smart card.
- Reading/encoding magnetic stripe tracks 1, 2, and 3.
- Reading/writing smart card.
- LCD display/ keypad input.

The XFS services supporting the various embossing card unit components are outlined as follows:

- Embossing of magnetic stripe card/ smart card Card Embossing Unit (CEU) service.
- Reading/encoding magnetic stripe tracks 1, 2, and 3 ID Card (IDC) service, however when combined encoding/ embossing is performed the CEU service class is used.
- Reading/writing smart cards ID Card (IDC) service, however when combined writing smart card/ embossing is performed the CEU service class is used.
- LCD display/ keypad input Text Terminal Unit (TTU) service.

3. References

1. XFS Application Programming Interface (API)/Service Provider Interface (SPI), Programmer's Reference Revision 3.00, October 18, 2000

4. Info Commands

4.1 WFS_INF_CEU_STATUS

Description This command reports the full range of information available, including the information that is provided either by the service provider or directly from the device.

Input Param None.

Output Param LPWFSCEUSTATUS lpStatus;

wfa acu atatua
_wis_ceu_status
fwDevice;
fwMedia;
fwRetainBin;
fwOutputBin;
fwInputBin;
usTotalCards;
usOutputCards;
usRetainCards;
lpszExtra;
<pre>TUS, * LPWFSCEUSTATUS;</pre>

fwDevice

Specifies the state of the ID card device as one of the following flags:

Value	Meaning
WFS_CEU_DEVONLINE	The device is present, powered on and online (i.e., operational, not busy processing a request and not in an error state).
WFS_CEU_DEVOFFLINE	The device is offline (e.g., the operator has taken the device offline by turning a switch or pulling out the device).
WFS_CEU_DEVPOWEROFF	The device is powered off or physically not connected.
WFS_CEU_DEVNODEVICE	There is no device intended to be there; e.g. this type of self service machine does not contain such a device or it is internally not configured.
WFS_CEU_DEVHWERROR	The device is present but inoperable due to a hardware fault that prevents it from being used.
WFS_CEU_DEVUSERERROR	The device is present but a person is preventing proper device operation. The application should suspend the device operation or remove the device from service until the service provider generates a device state change event indicating the condition of the device has changed e.g. the error is removed (WFS_CEU_DEVONLINE) or a permanent error condition has occurred (WFS_CEU_DEVHWERROR).
WFS_CEU_DEVBUSY	The device is busy and unable to process an execute command at this time

fwMedia

Specifies the state of the ID card unit as one of the following flags:

Value	Meaning
WFS_CEU_MEDIAPRESENT	Media is present in the device, not in the entering
	position and not jammed.
WFS_CEU_MEDIANOTPRESENT	Media is not present in the device and not at the
	entering position.
WFS_CEU_MEDIAJAMMED	Media is jammed in the device; operator intervention is
	required.
WFS_CEU_MEDIANOTSUPP	Capability to report media position is not supported by
	the device.

WFS_CEU_MEDIAUNKNOWN	The media state cannot be determined with the device in its current state (e.g., the value of <i>fwDevice</i> is WFS_CEU_DEVNODEVICE, WFS_CEU_DEVPOWEROFF, WFS_CEU_DEVOFFLINE, or			
	WFS_CEU_DEVHWERROR).			
WFS_CEU_MEDIAENTERING	Media is at the entry/exit slot.			
WFS_CEU_MEDIATOPPER	Topper failure.			
WFS_CEU_MEDIAINHOPPER	Card is positioned in input bin.			
WFS_CEU_MEDIAOUTHOPPER	Card is positioned in output bin.			
WFS_CEU_MEDIAMSRE	Encoding failure.			
WFS_CEU_MEDIARETAINED	Card is positioned in retain bin.			
fwRetainBin				
Specifies the state of the CEU retain bin as one of the following flags:				
Value	Meaning			
WFS_CEU_RETAINBINOK	The retain bin is not full.			
WFS CEU RETAINBINFULL	The retain bin is full.			

WFS_CEU_RETAINBINHIGH The retain bin is nearly full.

WFS_CEU_RETAINBINNOTSUPP The retain bin state can not be reported.

fwOutputBin

Specifies the state of the Embossing unit output bin as one of the flags:

Value	Meaning
WFS_CEU_OUTPUTBINOK	The output bin is not full.
WFS_CEU_OUTPUTBINFULL	The output bin is full.
WFS_CEU_OUTPUTBINHIGH	The output bin is nearly full.
WFS_CEU_OUTPUTNOTSUPP	The output bin state can not be reported.

fwInputBin

Specifies the state of the Embossing unit input bin as one of the flags:

Value	Meaning
WFS_CEU_INPUTBINOK	The input bin is not full.
WFS_CEU_INPUTBINEMPTY	The input bin is empty.
WFS_CEU_INPUTBINLOW	The input bin is nearly empty.
WFS_CEU_INPUTNOTSUPP	The input bin state can not be reported.

usTotalCards

The total number of cards, including those in input bin, output bin, and retain bin.

usOutputCards

The total number of output bin cards.

usRetainCards

The total number of retain bin cards.

lpszExtra

Points to a list of vendor-specific, or any other extended, information. The information is returned as a series of "key=value" strings so that it is easily extensible by service providers. Each string is null-terminated, with the final string terminating with two null characters.

Error Codes Only the generic error codes defined in [Ref. 1] can be generated by this command.

Comments Applications which require or expect specific information to be present in the *lpszExtra* parameter may not be device or vendor-independent.

4.2 WFS_INF_CEU_CAPABILITIES

Description This command is used to retrieve the capabilities of the Embossing Card Unit.

Input Param None.

Output Param LPWFSCEUCAPS lpCaps;

typedei	struct _wi	s_ceu_caps
{		
WORD	w	Class;
BOOL	b	Compound;
BOOL	b	CompareMagneticStripe;
BOOL	bN	<pre>lagneticStripeRead;</pre>
BOOL	bN	<pre>MagneticStripeWrite;</pre>
BOOL	bC	ChipIO;
WORD	w	ChipProtocol;
LPST	a lr	oszExtra;
} WF:	SCEUCAPS, *	LPWFSCEUCAPS;

wClass

Specifies the logical service class; value is WFS_SERVICE_CLASS_CEU.

bCompound

Specifies whether the logical device is part of a compound physical device and is either TRUE or FALSE.

bCompareMagneticStripe

Indicates whether CEU has capability of comparing magnetic stripe contents (TRUE) as a prerequisite for an encoding or embossing operation.

bMagneticStripeRead

Indicates whether CEU has magnetic stripe reading capability and is either TRUE or FALSE.

bMagneticStripeWrite

Indicates whether CEU has magnetic stripe writing capability and is either TRUE or FALSE.

bChipIO

Indicates whether CEU has smart card updating capability and is either TRUE or FALSE.

wChipProtocol

Specifies the chip card protocols that are supported by the service provider as a combination of the following flags:

Value	Meaning
WFS_CEU_NOTSUPP	The CEU card unit can not handle chip cards.
WFS_CEU_CHIPT0	The CEU card unit can handle the T=0 protocol.
WFS_CEU_CHIPT1	The CEU card unit can handle the T=1 protocol.
WFS_CEU_CHIPT2	The CEU card unit can handle the T=2 protocol.
WFS_CEU_CHIPT3	The CEU card unit can handle the T=3 protocol.
WFS_CEU_CHIPT4	The CEU card unit can handle the T=4 protocol.
WFS_CEU_CHIPT5	The CEU card unit can handle the T=5 protocol.
WFS_CEU_CHIPT6	The CEU card unit can handle the T=6 protocol.
WFS_CEU_CHIPT7	The CEU card unit can handle the T=7 protocol.
WFS_CEU_CHIPT8	The CEU card unit can handle the T=8 protocol.
WFS_CEU_CHIPT9	The CEU card unit can handle the T=9 protocol.
WFS_CEU_CHIPT10	The CEU card unit can handle the T=10 protocol.
WFS_CEU_CHIPT11	The CEU card unit can handle the T=11 protocol.
WFS_CEU_CHIPT12	The CEU card unit can handle the T=12 protocol.
WFS_CEU_CHIPT13	The CEU card unit can handle the T=13 protocol.
WFS_CEU_CHIPT14	The CEU card unit can handle the T=14 protocol.
WFS_CEU_CHIPT15	The CEU card unit can handle the T=15 protocol.

lpszExtra

Points to a list of vendor-specific, or any other extended information. The information is returned as a series of "*key=value*" strings so that it is easily extensible by service providers. Each string is null-terminated, with the final string terminating with two null characters.

Error Codes Only the generic error codes defined in [Ref. 1] can be generated by this command.

Comments Applications which require or expect specific information to be present in the *lpszExtra* parameter may not be device or vendor-independent.

4.3 WFS_INF_CEU_FORM_LIST

Description	This command is used to retrieve the list of forms available on the device.		
Input Param	None.		
Output Param	LPSTR	lpszFormList;	
	<i>lpszFormList</i> Pointer to a list characters.	t of null-terminated form names, with the final name terminating with two null	
Error Codes	Only the generic error codes defined in [Ref. 1] can be generated by this command.		
Comments	None.		

4.4 WFS_INF_CEU_MEDIA_LIST

Description This command is used to retrieve the list of media definitions available on the device.		
Input Param	None.	
Output Param	LPSTR	lpszMediaList;
<i>lpszMediaList</i> Pointer to a list of null-terminated media names, with the final name termi characters.		t of null-terminated media names, with the final name terminating with two null
Error Codes	Only the generic error codes defined in [Ref. 1] can be generated by this command.	
Comments None.		

4.5 WFS_INF_CEU_QUERY_FORM

- Description This command is used to retrieve details of the definition of a specified CEU form. The WFS_INF_CEU_QUERY_FORM does not currently contain any form attributes, however is retained for future expansion.
- **Input Param** LPSTR
 - lpszFormName;
 - lpszFormName Points to the null-terminated form name on which to retrieve details.
- Output Param LPWFSCEUFORM lpForm;

typedef struct _wfs_ceu_form ł LPSTR lpszFormName; LPSTR lpszFields; } WFSCEUFORM, * LPWFSCEUFORM;

lpszFormName

Specifies the null-terminated name of the form.

lpszFields

Pointer to a list of null-terminated field names, with the final name terminating with two null characters.

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Error Codes	In addition to the generic error codes defined in [Ref. 1], the following error codes can be generated by this command:			
	Value	Meaning		
	WFS_ERR_CEU_FORMNOTFOUND	The specified form cannot be found.		
	WFS_ERR_CEU_FORMINVALID	The specified form is invalid.		
Comments	None.			

4.6 WFS_INF_CEU_QUERY_MEDIA

Description	This command	is used to retrieve details of the definition of a specified media.
Input Param	LPSTR	lpszMediaName;
	<i>lpszMediaNa</i> Pointer to the	<i>me</i> and the media name about which to retrieve details.
Output Param	LPWFSCEUFRM	MEDIA lpFormMedia;
	typedef { WORD WORD WORD WORD WORD WORD WORD WORD	<pre>struct _wfs_ceu_frm_media fwMediaType; wBase; wUnitX; wUnitY; wSizeWidth; wSizeHeight; wEmbossAreaX; wEmbossAreaWidth; wEmbossAreaWidth; wRestrictedAreaX; wRestrictedAreaX; wRestrictedAreaHeight; CEUFRMMEDIA, * LPWFSCEUFRMMEDIA; type of media as one of the following flags:</pre>
	WFS_CEU_	INCH The base unit is inches.
	WFS_CEU_	MM The base unit is millimeters.
	<i>wUnitX</i> Specifies the horizontal resolution of the base unit is rows and columns. <i>wUnitX</i> specifies the horizontal resolution of the base units as a fraction of the <i>wBase</i> value. For example, a value of 16 applied to the base unit WFS_CEU_INCH means that the base horizontal resolution is 1/16".	
	<i>wUnitY</i> Specifies the a value of 10 0.1 mm.	vertical resolution of the base units as a fraction of the <i>wBase</i> value. For example, applied to the base unit WFS_CEU_MM means that the base vertical resolution is
	wSizeWidth Specifies the	width of the media in terms of the base horizontal resolution.
	wSizeHeight	

Specifies the height of the media in terms of the base vertical resolution.

wEmbossAreaX

Specifies the horizontal offset of the Card Emboss area relative to the top left corner of the media in terms of the base horizontal resolution.

wEmbossAreaY

Specifies the vertical offset of the Card Emboss area relative to the top left corner of the media in terms of the base vertical resolution.

wEmbossAreaWidth

Specifies the Card Emboss area width of the media in terms of the base horizontal resolution.

WEmbossAreaHeight

Specifies the Card Emboss area height of the media in terms of the base vertical resolution.

wRestrictedAreaX

Specifies the horizontal offset of the restricted area relative to the top left corner of the media in terms of the base horizontal resolution.

wRestrictedAreaY

Specifies the vertical offset of the restricted area relative to the top left corner of the media in terms of the base vertical resolution.

wRestrictedAreaWidth

Specifies the restricted area width of the media in terms of the base horizontal resolution.

wRestrictedAreaHeight

Specifies the restricted area height of the media in terms of the base vertical resolution.

Error Codes In addition to the generic error codes defined in [Ref. 1], the following error codes can be generated by this command:

Value	Meaning
WFS_ERR_CEU_MEDIANOTFOUND	The specified media definition cannot be found.
WFS_ERR_CEU_MEDIAINVALID	The specified media definition is invalid.

Comments None.

4.7 WFS_INF_CEU_QUERY_FIELD

Description This function is used to retrieve details on the definition of a single or all fields on a specified form.

Input Param LPWFSCEUQUERYFIELD lpQueryField;

typedef struct _wfs_ceu_query_field
{
 LPSTR lpszFormName;
 LPSTR lpszFieldName;
 } WFSCEUQUERYFIELD, * LPWFSCEUQUERYFIELD;

lpszFormName Points to the null-terminated form name.

lpszFieldName Points to the null-terminated name of the field

Points to the null-terminated name of the field about which to retrieve details. If this value is NULL, then retrieve details for all fields on the form.

Output Param LPWFSFRMFIELD * lppFields;

lppFields

Pointer to a null-terminated array of pointers to field definition structures:

typedef struct _wfs_ceu_frm_field

l	
LPSTR	lpszFieldName;
WORD	fwType;
WORD	fwClass;
LPSTR	lpszInitialValue;
LPSTR	lpszFormat;

} WFSCEUFRMFIELD, * LPWFSCEUFRMFIELD;

lpszFieldName

Pointer to the null-terminated field name.

fwType

Specifies the type of field and can be one of the following:

V	a	lue		

Meaning WFS_CEU_FIELDTEXT A text field. WFS_CEU_FIELDOCR An Optical Character Recognition (OCR) field.

fwClass

Specifies the class	of the field and can be one of the following:
Value	Maanina

Value	Meaning
WFS_CEU_CLASSSTATIC	The field data cannot be set by the application.
WFS_CEU_CLASSOPTIONAL	The field data can be set by the application.
WFS_CEU_CLASSREQUIRED	The field data must be set by the application.
lpszInitialValue	

The initial value of the field when the field is written as output.

lpszFormat

Format string as defined in the form for this field.

Error Codes In addition to the generic error codes defined in [Ref. 1], the following error codes can be generated by this command:

Value

Meaning

value	wicannig
WFS_ERR_CEU_FORMNOTFOUND	The specified form cannot be found.
WFS_ERR_CEU_FIELDNOTFOUND	The specified field cannot be found.

5. Execute Commands

5.1 WFS_CMD_CEU_EMBOSS_CARD

Description This command is used to emboss an identification card by merging the supplied variable field data with the defined form and field data specified in the form. Optionally the magnetic stripe can be read and verified before being encoded, or a smart card can be updated.

The ATR of the chip must be obtained before issuing this command by issuing the ID Card class WFS_CMD_IDC_READ_RAW_DATA command.

Input Param LPWFSCEUEMBOSSCARD lpEmbossCard;

typedef struct _wfs_ceu_emboss_card LPSTR lpszFormName; LPSTR lpszMediaName; LPSTR lpszFields; LPSTR lpszCompareFormIOFormName; lpszCompareFormIOTrackData; LPSTR LPSTR lpszFormIOFormName; LPSTR lpszFormIOTrackData; WORD wChipProtocol; ULONG ulChipDataLength; lpbChipData; LPBYTE } WFSCEUEMBOSSCARD, * LPWFSCEUEMBOSSCARD;

lpszFormName

Pointer to the null-terminated form name.

lpszMediaName

Pointer to the null-terminated media name.

lpszFields

Pointer to a series of "<FieldName>=<FieldValue>" strings, where each string is nullterminated with the final string terminating with two null characters. If the field is an index field, then the syntax of the string is instead "<FieldName>[<index>]=<FieldValue>", where <index> specifies the zero-based element of the index field.

lpszCompareFormIOFormName

lpszCompareFormIOFormName and lpszCompareFormIOTrackData are used collectively when the contents of the magnetic stripe are being read and verified before the card is embossed or the magnetic stripe is encoded. Points to the name of the magnetic stripe form to be used, as defined in the IDC service class.

lpszCompareFormIOTrackData

Points to the data to be used in the form.

lpszFormIOFormName

lpszFormIOFormName and lpszFormIOTrackData are used collectively when the magnetic stripe is being encoded (after a successful magnetic stripe compare operation) and during the emboss operation. Points to the name of the form to be used, as defined in the IDC service class.

lpszFormIOTrackData

Points to the data to be used in the form.

wChipProtocol

wChipProtocol, ulChipDataLength, and lpbChipData are used collectively when the smart card is being updated during the emboss operation. If this parameter equals zero then the smart card should not be updated during the emboss operation. Possible other values are:

Value	Meaning
WFS_CEU_CHIPT0	Use the T=0 protocol to communicate with the chip.
WFS_CEU_CHIPT1	Use the T=1 protocol to communicate with the chip.
WFS_CEU_CHIPT2	Use the $T=2$ protocol to communicate with the chip.
WFS_CEU_CHIPT3	Use the T=3 protocol to communicate with the chip.
WFS_CEU_CHIPT4	Use the T=4 protocol to communicate with the chip.

WFS CEU CHIPT5 Use the T=5 protocol to communicate with the chip. WFS_CEU_CHIPT6 Use the T=6 protocol to communicate with the chip. WFS_CEU_CHIPT7 Use the T=7 protocol to communicate with the chip. WFS_CEU_CHIPT8 Use the T=8 protocol to communicate with the chip. WFS_CEU_CHIPT9 Use the T=9 protocol to communicate with the chip. WFS_CEU_CHIPT10 Use the T=10 protocol to communicate with the chip. WFS_CEU_CHIPT11 Use the T=11 protocol to communicate with the chip. WFS_CEU_CHIPT12 Use the T=12 protocol to communicate with the chip. WFS_CEU_CHIPT13 Use the T=13 protocol to communicate with the chip. WFS_CEU_CHIPT14 Use the T=14 protocol to communicate with the chip. WFS_CEU_CHIPT15 Use the T=15 protocol to communicate with the chip.

ulChipDataLength Specifies the length of the following field *lpbChipData*.

lpbChipData

Points to the data sent to the chip.

Output Param None.

Error Codes

Events

Codes In addition to the generic error codes defined in [Ref. 1], the following error codes can be generated by this command:

Value	Meaning
WFS_ERR_CEU_FORMNOTFOUND	The specified form definition cannot be found.
WFS_ERR_CEU_FORMINVALID	The specified form definition is invalid.
WFS_ERR_CEU_MEDIANOTFOUND	The specified media definition cannot be found.
WFS_ERR_CEU_MEDIAINVALID	The specified media definition is invalid.
WFS_ERR_CEU_NOMEDIA	There is no card inside the device.
WFS_ERR_CEU_MEDIAOVERFLOW	The form overflowed the media.
WFS_ERR_CEU_IDC_FORMNOTFOUND	The specified IDC form definition cannot be
	found.
WFS_ERR_CEU_IDC_FORMINVALID	The specified IDC form definition is invalid.
WFS_ERR_CEU_INVALIDDATA	An error occurred while communicating with the chip.
WFS_ERR_CEU_PROTOCOLNOTSUPP	The protocol used was not supported by the service provider.
WFS_ERR_CEU_ATRNOTOBTAINED	The ATR was not obtained by issuing the IDC class WFS_CMD_CEU_READ_RAW_DATA command.
WFS_ERR_CEU_FIELDSPECFAILURE	The syntax of the <i>lpszFields</i> member is invalid.
WFS_ERR_CEU_FIELDERROR	An error occurred while processing a field,
	causing termination of the emboss request. An execute event WFS_EXEE_CEU_FIELDERROR is posted with the details
WES ERR CEU EMBOSSFAILURE	A failure has occurred during Emboss processing
	A service event
	WES EXEE CEU EMBOSS FAILURE is
	nosted with details
n addition to the generic events defined in [Ref	E. 1], the following events can be generated by this
	Mooning
value	Meaning

value	Meaning
WFS_SRVE_CEU_INPUTBINTHRESHOLD	Input bin is nearly empty.
WFS_SRVE_CEU_OUTPUTBINTHRESHOLD	Output bin is nearly full.
WFS_SRVE_CEU_RETAINBINTHRESHOLD	Retain bin is nearly full.
WFS_EXEE_CEU_EMBOSS_FAILURE	A card embossing failure has occurred.
WFS_EXEE_CEU_FIELDERROR	A fatal error occurred while processing a
	field.
WFS_EXEE_CEU_FIELDWARNING	A non-fatal error occured while processing a
	field.

WFS_EXEE_CEU_MEDIAREMOVED

This event is generated when a card is removed before completion of a write operation.

Comments None

5.2 WFS_CMD_CEU_RESET

Description	Sends a service reset to the service provider. Any media found in the device will be captured into the specified bin (depending on hardware). The WFS_SRVE_CEU_MEDIADETECTED event will indicate that media was found in the device on Reset and will indicate the position and status of the media following completion of the command.		
Input Param	LPWORD lpwCeuMediaControl;		
	Specifies the action that should be done if media is detected during the Reset operation, as one of the following values Value Meaning		
	WFS_CEU_CTRLTOINPUTBINAny media detected should be moved to the input bin.WFS_CEU_CTRLTOOUTPUTBINAny media detected should be moved to the output bin.WFS_CEU_CTRLTORETAINBINAny media detected should be moved to the retain bin.		
Output Param	None.		
Error Codes	Only the generic error codes defined in [Ref. 1] can be generated by this command.		
Events	In addition to the generic events defined in [Ref. 1], the following events can be generated by this command:		
	Value Meaning		
	WFS_SRVE_CEU_OUTPUTBINTHRESHOLD Output bin is nearly full.		
	WFS_SRVE_CEU_RETAINBINTHRESHOLD Retain bin is nearly full.		
	WFS_SRVE_CEU_MEDIADETECTED Media was detected in the device during a reset.		
Comments	This command is used by an application control program to cause a device to reset itself to a known good condition.		

6. Events

6.1 WFS_SVRE_CEU_INPUTBINTHRESHOLD

Description This service event specifies that the input bin holding the input cards is nearly empty, requiring operator intervention soon.

Event Param LPWORD lpwInputBin;

 lpfwInputBin

 Specifies the state of the CEU unit input bin as one of the following flags:

 Value
 Meaning

 WFS_CEU_INPUTBINOK
 The input bin of the CEU unit is full.

 WFS_CEU_INPUTBINLOW
 The input bin of the CEU unit is low.

 WFS_CEU_INPUTBINEMPTY
 The input bin of the CEU unit is empty.

6.2 WFS_SVRE_CEU_OUTPUTBINTHRESHOLD

Description This service event specifies that the output bin holding embossed cards is nearly full, requiring operator intervention soon.

Event Param LPWORD lpwOutputBin;

 lpfwOutputBin

 Specifies the state of the CEU unit output bin as one of the following flags:

 Value
 Meaning

 WFS_CEU_OUTPUTBINOK
 The output bin of the CEU unit was emptied.

 WFS_CEU_OUTPUTBINFULL
 The output bin of the CEU unit is full.

 WFS_CEU_OUTPUTBINHIGH
 The output bin of the CEU unit is nearly full.

6.3 WFS_SVRE_CEU_RETAINBINTHRESHOLD

Description This service event specifies that the retain bin is nearly full, requiring operator intervention soon.

Event Param LPWORD lpwRetainBin;

lpfwRetainBin

Specifies the state of the ID card unit retain bin as one of the following flags:

Value	Meaning
WFS_CEU_RETAINBINOK	The retain bin of the CEU unit was emptied.
WFS_CEU_RETAINBINFULL	The retain bin of the CEU unit is full.
WFS_CEU_RETAINBINHIGH	The retain bin of the CEU unit is nearly full.

6.4 WFS_EXEE_CEU_FIELDERROR

Description This event specifies that a fatal error has occurred while processing a field.

Event Param LPWFSCEUFIELDFAIL lpFieldFail;

typedef struct _wfs_ceu_field_failure
 {
 LPSTR lpszFormName;
 LPSTR lpszFieldName;
 WORD wFailure;
 } WFSCEUFIELDFAIL, * LPWFSCEUFIELDFAIL;

 lpszFormName
 Points to the null-terminated form name.

Points to the null-terminated form name. *lpszFieldName* Points to the null-terminated field name.

Value	Meaning
WFS_CEU_FIELDREQUIRED	The specified field <i>must</i> be supplied by the application.
WFS_CEU_FIELDSTATICOVWR	The specified field is static and thus <i>cannot</i> be overwritten by the application.
WFS_CEU_FIELDOVERFLOW	The value supplied for the specified fields is to long.
WFS_CEU_FIELDNOTFOUND	The specified field does not exist.
WFS_CEU_FIELDNOTREAD	The specified field is not an input field.
WFS_CEU_FIELDNOTWRITE	An attempt was made to write to an input field
WFS_CEU_FIELDHWERROR	The specified field uses special hardware (e.g.,
	OCR) and an error occurred.
WFS_CEU_FIELDTYPENOTSUPPOR	TED The form field type is not supported with device

Comments None.

6.5 WFS_EXEE_CEU_FIELDWARNING

 Description
 This event is used to specify that a non-fatal error has occurred while processing a field.

 Event Param
 LPWFSPTRFIELDFAIL lpFieldFail;

 as defined in the section describing WFS_EXEE_CEU_FIELDERROR.

 Comments
 None.

6.6 WFS_EXEE_CEU_MEDIAREMOVED

Description This event is generated when a card is removed before completion of a write operation.

Event Param None.

Comments None.

6.7 WFS_SRVE_CEU_MEDIADETECTED

Description This event is generated when a media is detected in the device during a reset operation.

Event Param	WORD wPosition; w <i>Position</i> Specifies the media position after th	e reset operation, as one of the following values:
	Value	Meaning
	WFS_CEU_MEDIARETAINED	The media was successfully retained during the reset operation.
	WFS_CEU_MEDIAREMOVED WFS_CEU_MEDIAJAMMED WFS_CEU_MEDIAUNKNOWN	The media was removed during the reset operation. The media is jammed in the device. The media is in an unknown position.

6.8 WFS_EXEE_CEU_EMBOSS_FAILURE

Description This service event is used to specify that an error has occurred during processing of a WFS_CMD_CEU_EMBOSS_CARD execute command.

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Event Param LPWORD lpwEmbossFailure;

Specified as one of the following flags:

Value WFS_CEU_STEPPER_ERROR WFS_CEU_TOPPER_FOIL_BREAK WFS_CEU_CARD_FEED_ERROR WFS_CEU_MAGNETIC_STRIPE_ERROR WFS_CEU_RETAIN_BIN_FULL WFS_CEU_OUTPUT_BIN_FULL WFS_CEU_COVER_OPEN WFS_CEU_TOPPER_JAM WFS_CEU_STACKER_ERROR

WFS_CEU_SYSTEM_ERROR WFS_CEU_OCR_ERROR WFS_CEU_EMBOSS_LIMITS_EXCEEDED WFS_CEU_COMMUNICATIONS_FAILURE WFS_CEU_DATA_FORMAT_ERROR WFS_CEU_BUFFER_OVERRUN WFS_CEU_PRE_ENCODE_READ_ERROR WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR

WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY Meaning Stepper hardware error. Topper foil has broken. Card feed failure. Magnetic stripe read/write error. Retain bin is full. Output bin is full. Device cover is open. Topper has jammed. Stacker error either inside device or in output bin. Unknown system error. OCR unit failure. Embossing limits exceeded. Communications failure. Communications data format error. Buffer overrun. Pre-encode read error. Data has failed to compare during pre-encode data match step. Input bin is empty. Device is busy, unable to emboss card.

Comments None.

7. Embossing Form, Field and Media Definitions

This section outlines the format of the embossing definitions of forms and the fields within them.

7.1 Definition Syntax

The syntactic rules for form, field and media definitions are as follows:

- White space space, tab
- Line continuation backslash (\)
- Line termination CR, LF, CR/LF; line termination ends a "keyword section" (a keyword and its value[s])
- Keywords must be all upper case
- Names (field/media/font names) any case; case is preserved; service providers are case sensitive
- Strings all strings must be enclosed in double quote characters ("); to include a double quote in a string, "escape" with a forward slash (/")
- Comments start with two forward slashes (//), end at line termination

Other notes:

- If a keyword is present, all its values must be specified; default values are used only if the keyword is absent.
- Values that are character strings are marked with asterisks in the definitions below, and must be quoted as specified above.

7.2 Embossing Form and Media Measurements

The UNIT keyword sections of the form and media definitions specify the base horizontal and vertical resolution as follows:

- the *base* value specifies the base unit of measurement
- the x and y values specify the horizontal and vertical resolution as fractions of the base value (e.g., an x value of 10 and a base value of MM means that the base horizontal resolution is 0.1mm).

The base resolutions thus defined by the UNIT keyword section of the *form* definition are used as the units of the form definition keyword sections:

- SIZE (*width* and *height* values)
- ALIGNMENT (*xoffset* and *yoffset* values)

and of the field definition keyword sections:

- POSITION (*x* and *y* values)
- SIZE (*width* and *height* values)

The base resolutions thus defined by the UNIT keyword section of the *media* definition are used as the units of the media definition keyword sections:

- SIZE (*width* and *height* values)
- EMBOSSAREA (x, y, width and height values)
- RESTRICTED (x, y, width and height values)

7.3 Embossing Form Definition

XFSFORM		formname	
BEGIN			
(required)	UNIT	base,	Base resolution unit for form definition MM INCH ROWCOLUMN
		Х,	Horizontal base unit fraction
		У	Vertical base unit fraction
(required)	SIZE	width,	Width of form
		height	Height of form
	ALIGNMENT	alignment,	Alignment of the form on the physical medium: TOPLEFT (default) TOPRIGHT BOTTOMLEFT BOTTOMRIGHT
		xoffset,	Horizontal offset relative to the horizontal alignment specified by alignment. Always specified as a positive value (i.e., if aligned to the right side of the medium, means offset the form to the left). (default = 0)
		yoffset	Vertical offset relative to the vertical alignment specified by alignment. Always specified as a positive value (i.e., if aligned to the bottom of the medium, means offset the form upward). (default = 0)
	VERSION	major,	Major version number
		minor,	Minor version number
		date*,	Creation/modification date
		author*	Author of form
(required)	LANGUAGE	languageID	Language used in this form – a 16 bit value (LANGID) which is a combination of a primary (10 bits) and a secondary (6 bits) language ID (This is the standard language ID in the Win32 API; standard macros support construction and decomposition of this composite ID)
	COPYRIGHT	copyright*	Copyright entry
	TITLE	title*	Title of form
	COMMENT	comment*	Comment section
	USERPROMPT	prompt*	Prompt string for user interaction
	[XFSFIELD	fieldname	One field definition (as defined in the next section) for each field in the form
END	BEGIN END]		
END			

7.4 Embossing Field Definition

XFSFIELD		fieldname	
BEGIN			
(required)	POSITION	Х,	Horizontal position (relative to left or right side of form, depending upon HPOSITION keyword)
		У	Vertical position (relative to top or bottom of form, depending upon VPOSITION keyword)
	HPOSITION		Horizontal field positioning relative to: LEFT (default) RIGHT
	VPOSITION		Vertical field positioning relative to: TOP BOTTOM (default)
	SIDE		Side of card: FRONT (default) BACK
(required)	SIZE	width,	Field width
		height	Field height
	ТҮРЕ	fieldtype	Type of field: TEXT (default) OCR
	CLASS	class	Field class OPTIONAL (default) STATIC REQUIRED
	CASE	case	Convert field contents to NOCHANGE (default) UPPER LOWER
	HORIZONTAL	justify	Horizontal alignment of field contents LEFT (default) RIGHT CENTER JUSTIFY
	VERTICAL	justify	Vertical alignment of field contents BOTTOM (default) CENTER TOP
font	FONT	fontname*	Font name; in some cases this predefines the following parameters:
definition	POINTSIZE	pointsize	Point size
information	СРІ	срі	Characters per inch
	LPI	lpi	Lines per inch
	FORMAT	formatstring*	This is an application defined input field describing how the application should format the data. This may be interpreted by the service provider.
	INITIALVALUE	value*	Initial value
END			

7.5 Media Definition

The media definition determines those characteristics that result from the combination of a particular media type together with a particular vendor's identification card or smart card. The aim is to make it easy to move forms between different vendor's identification cards or smart cards which might have different constraints on how they handle a specific media type. It is the service provider's responsibility to ensure that the form definition does not specify the embossing of any fields that conflict with the media definition. An example of such a conflict might be that the form definition asks for a field to be embossed in an area that the media definition defines as a restricted area, such as on the chip of a smart card.

XFSMEDIA		medianame*	
BEGIN			
	ТҮРЕ	type	Predefined media types are: EMBOSSCARD
(required)	UNIT	base,	Base resolution unit for media definition MM INCH ROWCOLUMN
		Х,	Horizontal base unit fraction
		у,	Vertical base unit fraction
(required)	SIZE	width,	Width of physical media
		height	Height of physical media
	EMBOSSAREA	Х,	Embossing area relative
		у,	to top left corner
		width,	of physical media
		height	(default = physical size of media)
	RESTRICTED	Х,	Restricted area relative to
		у,	to top left corner
		width,	of physical media
		height	(default = no restricted area)
END			

8. C-Header file

```
*
* xfsceu.h XFS - Card Embossing Unit (CEU) definitions
                                                                       *
            Version 3.00 (10/18/00)
#ifndef __INC_XFSCEU__H
#define ___INC_XFSCEU__H
#ifdef __cplusplus
extern "C" {
#endif
#include <xfsapi.h>
/*
                          */
  be aware of alignment
#pragma pack(push,1)
/* values of WFSCEUCAPS.wClass */
          WFS_SERVICE_CLASS_CEU
#define
                                            (12)
          WFS_SERVICE_CLASS_NAME_CEU
#define
                                            "CEU"
#define
          WFS_SERVICE_CLASS_VERSION_CEU
                                            0x0003
#define
          CEU_SERVICE_OFFSET
                                            (WFS_SERVICE_CLASS_CEU * 100)
/* CEU Info Commands */
#define
          WFS_INF_CEU_STATUS
                                            (CEU_SERVICE_OFFSET + 1)
          WFS INF CEU CAPABILITIES
#define
                                           (CEU SERVICE OFFSET + 2)
#define
          WFS_INF_CEU_FORM_LIST
                                           (CEU_SERVICE_OFFSET + 3)
#define
          WFS_INF_CEU_QUERY_FORM
                                           (CEU_SERVICE_OFFSET + 4)
          WFS_INF_CEU_MEDIA_LIST
#define
                                           (CEU_SERVICE_OFFSET + 5)
#define
          WFS_INF_CEU_QUERY_MEDIA
                                            (CEU_SERVICE_OFFSET + 6)
          WFS_INF_CEU_QUERY_FIELD
                                            (CEU_SERVICE_OFFSET + 7)
#define
/* CEU Execute Commands */
#define
          WFS_CMD_CEU_EMBOSS_CARD
                                            (CEU_SERVICE_OFFSET + 1)
         WFS_CMD_CEU_RESET
#define
                                            (CEU_SERVICE_OFFSET + 2)
/* CEU Messages */
#define
          WFS_SRVE_CEU_INPUTBINTHRESHOLD
                                            (CEU_SERVICE_OFFSET + 1)
#define
          WFS_SRVE_CEU_OUTPUTBINTHRESHOLD
                                            (CEU_SERVICE_OFFSET + 2)
#define
          WFS SRVE CEU RETAINBINTHRESHOLD
                                            (CEU_SERVICE_OFFSET + 3)
#define
         WFS_EXEE_CEU_FIELDERROR
                                            (CEU_SERVICE_OFFSET + 4)
#define
          WFS_EXEE_CEU_FIELDWARNING
                                            (CEU_SERVICE_OFFSET + 5)
          WFS_EXEE_CEU_EMBOSS_FAILURE
#define
                                            (CEU_SERVICE_OFFSET + 6)
/* The following value is only defined for the WFS_SRVE_CEU_MEDIADETECTED */
#define
         WFS_SRVE_CEU_MEDIAREMOVED
                                           (CEU_SERVICE_OFFSET + 7)
                                            (CEU_SERVICE_OFFSET + 8)
#define
          WFS_SRVE_CEU_MEDIADETECTED
/* values of WFSCEUSTATUS.fwDevice */
#define WFS_CEU_DEVONLINE
                                            WFS_STAT_DEVONLINE
                                            WFS_STAT_DEVOFFLINE
          WFS_CEU_DEVOFFLINE
#define
#define
          WFS_CEU_DEVPOWEROFF
                                           WFS_STAT_DEVPOWEROFF
#define
         WFS CEU DEVNODEVICE
                                           WFS STAT DEVNODEVICE
#define
         WFS_CEU_DEVHWERROR
                                           WFS_STAT_DEVHWERROR
          WFS_CEU_DEVUSERERROR
                                           WFS_STAT_DEVUSERERROR
#define
#define
          WFS_CEU_DEVBUSY
                                           WFS_STAT_DEVBUSY
/* values of WFSCEUSTATUS.fwMedia */
#define
         WFS_CEU_MEDIAPRESENT
                                            (1)
```

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#define	WFS_CEU_MEDIANOTPRESENT	(2)	
#define	WFS_CEU_MEDIAJAMMED	(3)	
#define	WFS_CEU_MEDIANOTSUPP	(4)	
#define	WFS_CEU_MEDIAUNKNOWN	(5)	
#define	WFS_CEU_MEDIAENTERING	(6)	
#define	WFS_CEU_MEDIATOPPER	(7)	
#define	WFS_CEU_MEDIAINHOPPER	(8)	
#deline	WFS_CEU_MEDIAOUIHOPPER WFS_CEU_MEDIAMSDF	(9)	
#define	WFS_CEU_MEDIAMSKE WFS_CEU_MEDIAPFTAINFD	(10)	
#define	WES CELL MEDIAREMOVED	(12)	
act the		(12)	
/* values	of WFSCEUSTATUS.fwRetainBin */		
#define	WFS_CEU_RETAINBINOK	(1)	
#define	WFS_CEU_RETAINBINFULL	(2)	
#define	WFS_CEU_RETAINBINHIGH	(3)	
#define	WFS_CEU_RETAINBINNOTSUPP	(4)	
/* values	of WFSCEUSTATUS.fwOutputBin */		
		(a)	
#define	WFS_CEU_OUTPUTBINOK	(1)	
#define	WFS_CEU_OUTPUTBINFULL	(2)	
#define	WFS_CEU_OUTPUTBINHIGH	(3)	
#define	WFS_CEU_OUTPUTNOTSUPP	(4)	
/* values	of WFSCEUSTATUS.fwInputBin */		
#define	WES CELL INPUTBINOK	(1)	
#define	WFS CELL INPUTBINEMPTY	(2)	
#define	WFS CEU INPUTBINLOW	(3)	
#define	WFS CEU INPUTNOTSUPP	(3)	
#der me		(1)	
/* values	of _wfs_ceu_frm_header.wBase , wf	s_ceu_frm_media.wBase	e */
#define	WFS_CEU_INCH	(1)	
#define #define	WFS_CEU_INCH WFS_CEU_MM	(1) (2)	
#define #define #define	WFS_CEU_INCH WFS_CEU_MM WFS_CEU_ROWCOLUMN	(1) (2) (3)	
#define #define #define /* values	WFS_CEU_INCH WFS_CEU_MM WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment	(1) (2) (3)	
#define #define #define /* values	WFS_CEU_INCH WFS_CEU_MM WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment	(1) (2) (3) */	
#define #define /* values #define	WFS_CEU_INCH WFS_CEU_MM WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WES_CEU_TOPLEFT	(1) (2) (3) */	
#define #define /* values #define #define #define	WFS_CEU_INCH WFS_CEU_MM WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_TOPRIGHT WES_CEU_DOTTOMLEET	(1) (2) (3) */ (1) (2) (2)	
<pre>#define #define #define #define #define #define #define</pre>	WFS_CEU_INCH WFS_CEU_MM WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_TOPRIGHT WFS_CEU_BOTTOMLEFT WES_CEU_BOTTOMLEFT	(1) (2) (3) */ (1) (2) (3) (4)	
<pre>#define #define #define /* values #define #define #define #define #define #define</pre>	WFS_CEU_INCH WFS_CEU_MM WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_TOPRIGHT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMRIGHT	(1) (2) (3) */ (1) (2) (3) (4)	
<pre>#define #define #define #define #define #define #define #define #define #define /* values</pre>	WFS_CEU_INCH WFS_CEU_MM WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_TOPRIGHT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMRIGHT of _wfs_ceu_frm_media.fwMediaType	(1) (2) (3) */ (1) (2) (3) (4)	
<pre>#define #define #define #define #define #define #define #define #define #define /* values #define</pre>	WFS_CEU_INCH WFS_CEU_MM WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_TOPRIGHT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMRIGHT of _wfs_ceu_frm_media.fwMediaType WFS_CEU_MEDIAECARD	(1) (2) (3) */ (1) (2) (3) (4) */ (1)	
<pre>#define #define #define #define #define #define #define #define /* values #define /* values #define /* values</pre>	<pre>WFS_CEU_INCH WFS_CEU_MM WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_TOPRIGHT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMRIGHT of _wfs_ceu_frm_media.fwMediaType WFS_CEU_MEDIAECARD of _wfs_ceu_frm_field.fwType */</pre>	(1) (2) (3) */ (1) (2) (3) (4) */ (1)	
<pre>#define #define #define #define #define #define #define #define /* values #define /* values #define /* values #define</pre>	<pre>WFS_CEU_INCH WFS_CEU_MM WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_TOPRIGHT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMRIGHT of _wfs_ceu_frm_media.fwMediaType WFS_CEU_MEDIAECARD of _wfs_ceu_frm_field.fwType */ WFS_CEU_FIELDTEXT</pre>	(1) (2) (3) */ (1) (2) (3) (4) */ (1)	
<pre>#define #define #define #define #define #define #define #define /* values #define /* values #define #define</pre>	<pre>WFS_CEU_INCH WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_TOPRIGHT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMRIGHT of _wfs_ceu_frm_media.fwMediaType WFS_CEU_MEDIAECARD of _wfs_ceu_frm_field.fwType */ WFS_CEU_FIELDTEXT WFS_CEU_FIELDTEXT WFS_CEU_FIELDCR</pre>	(1) (2) (3) */ (1) (2) (3) (4) */ (1) (1) (2)	
<pre>#define #define #define #define #define #define #define /* values #define /* values #define #define /* values #define #define #define #define #define /* values</pre>	<pre>WFS_CEU_INCH WFS_CEU_MM WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMRIGHT of _wfs_ceu_frm_media.fwMediaType WFS_CEU_MEDIAECARD of _wfs_ceu_frm_field.fwType */ WFS_CEU_FIELDTEXT WFS_CEU_FIELDTEXT WFS_CEU_FIELDOCR of _wfs_ceu_frm_field.fwClass */</pre>	(1) (2) (3) (1) (2) (3) (4) */ (1) (1) (1) (2)	
<pre>#define #define #define #define #define #define #define /* values #define /* values #define #define</pre>	<pre>WFS_CEU_INCH WFS_CEU_MM WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMRIGHT of _wfs_ceu_frm_media.fwMediaType WFS_CEU_MEDIAECARD of _wfs_ceu_frm_field.fwType */ WFS_CEU_FIELDTEXT WFS_CEU_FIELDCCR of _wfs_ceu_frm_field.fwClass */ WES_CEU_GLASSSTATEC</pre>	(1) (2) (3) (3) (1) (2) (3) (4) */ (1) (1) (2) (1)	
<pre>#define #define #define #define #define #define #define /* values #define /* values #define /* values #define #define /* values #define #define /* values #define</pre>	<pre>WFS_CEU_INCH WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_TOPRIGHT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMRIGHT of _wfs_ceu_frm_media.fwMediaType WFS_CEU_MEDIAECARD of _wfs_ceu_frm_field.fwType */ WFS_CEU_FIELDTEXT WFS_CEU_FIELDTEXT WFS_CEU_FIELDOCR of _wfs_ceu_frm_field.fwClass */ WFS_CEU_CLASSSTATIC WFS_CEU_CLASSSTATIC</pre>	(1) (2) (3) */ (1) (2) (3) (4) */ (1) (1) (2) (1) (2)	
<pre>#define #define #define #define #define #define #define /* values #define /* values #define /* values #define #define #define #define #define #define #define</pre>	<pre>WFS_CEU_INCH WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_TOPRIGHT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMRIGHT of _wfs_ceu_frm_media.fwMediaType WFS_CEU_MEDIAECARD of _wfs_ceu_frm_field.fwType */ WFS_CEU_FIELDTEXT WFS_CEU_FIELDTEXT WFS_CEU_FIELDOCR of _wfs_ceu_frm_field.fwClass */ WFS_CEU_CLASSSTATIC WFS_CEU_CLASSOPTIONAL WES_CEU_CLASSOPTIONAL WES_CEU_CLASSOPTIONAL</pre>	(1) (2) (3) */ (1) (2) (3) (4) */ (1) (1) (2) (1) (2) (2)	
<pre>#define #define #define #define #define #define #define /* values #define /* values #define /* values #define #de</pre>	<pre>WFS_CEU_INCH WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_TOPRIGHT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMRIGHT of _wfs_ceu_frm_media.fwMediaType WFS_CEU_MEDIAECARD of _wfs_ceu_frm_field.fwType */ WFS_CEU_FIELDTEXT WFS_CEU_FIELDTEXT WFS_CEU_FIELDOCR of _wfs_ceu_frm_field.fwClass */ WFS_CEU_CLASSSTATIC WFS_CEU_CLASSSTATIC WFS_CEU_CLASSREQUIRED</pre>	(1) (2) (3) */ (1) (2) (3) (4) */ (1) (1) (2) (1) (2) (3)	
<pre>#define #define #define #define #define #define #define /* values #define /* values #define /* values #define #define</pre>	<pre>WFS_CEU_INCH WFS_CEU_MM WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMRIGHT of _wfs_ceu_frm_media.fwMediaType WFS_CEU_MEDIAECARD of _wfs_ceu_frm_field.fwType */ WFS_CEU_FIELDTEXT WFS_CEU_FIELDTEXT WFS_CEU_FIELDOCR of _wfs_ceu_frm_field.fwClass */ WFS_CEU_CLASSSTATIC WFS_CEU_CLASSSTATIC WFS_CEU_CLASSREQUIRED WFSCEUFIELDFAIL.wFailure */</pre>	(1) (2) (3) */ (1) (2) (3) (4) */ (1) (1) (2) (1) (2) (3)	
<pre>#define #define #define #define #define #define #define /* values #define /* values #define /* values #define #define</pre>	<pre>WFS_CEU_INCH WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_TOPRIGHT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMRIGHT of _wfs_ceu_frm_media.fwMediaType WFS_CEU_MEDIAECARD of _wfs_ceu_frm_field.fwType */ WFS_CEU_FIELDTEXT WFS_CEU_FIELDTEXT WFS_CEU_FIELDOCR of _wfs_ceu_frm_field.fwClass */ WFS_CEU_CLASSSTATIC WFS_CEU_CLASSSTATIC WFS_CEU_CLASSREQUIRED WFSCEUFIELDFAIL.wFailure */ WFS_CEU_FIELDFAIL.wFailure */</pre>	(1) (2) (3) */ (1) (2) (3) (4) */ (1) (1) (2) (1) (2) (3) (1)	
<pre>#define #define #define #define #define #define #define /* values #define /* values #define /* values #define #de</pre>	<pre>WFS_CEU_INCH WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_TOPRIGHT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMRIGHT of _wfs_ceu_frm_media.fwMediaType WFS_CEU_MEDIAECARD of _wfs_ceu_frm_field.fwType */ WFS_CEU_FIELDTEXT WFS_CEU_FIELDTEXT WFS_CEU_FIELDOCR of _wfs_ceu_frm_field.fwClass */ WFS_CEU_CLASSSTATIC WFS_CEU_CLASSSTATIC WFS_CEU_CLASSREQUIRED WFSCEUFIELDFAIL.wFailure */ WFS_CEU_FIELDREQUIRED WFS_CEU_FIELDREQUIRED WFS_CEU_FIELDREQUIRED</pre>	(1) (2) (3) */ (1) (2) (3) (4) */ (1) (2) (1) (2) (3) (1) (2) (3)	
<pre>#define #define #define #define #define #define #define /* values #define /* values #define /* values #define #de</pre>	<pre>WFS_CEU_INCH WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_TOPRIGHT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMRIGHT of _wfs_ceu_frm_media.fwMediaType WFS_CEU_MEDIAECARD of _wfs_ceu_frm_field.fwType */ WFS_CEU_FIELDTEXT WFS_CEU_FIELDTEXT WFS_CEU_FIELDCR of _wfs_ceu_frm_field.fwClass */ WFS_CEU_CLASSSTATIC WFS_CEU_CLASSSTATIC WFS_CEU_CLASSREQUIRED WFSCEUFIELDFAIL.wFailure */ WFS_CEU_FIELDREQUIRED WFS_CEU_FIELDREQUIRED WFS_CEU_FIELDOVERFLOW</pre>	(1) (2) (3) (3) (4) (1) (2) (3) (4) (1) (2) (1) (2) (1) (2) (3) (1) (2) (3)	
<pre>#define #define #define #define #define #define #define #define /* values #define /* values #define #defi</pre>	<pre>WFS_CEU_INCH WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMRIGHT of _wfs_ceu_frm_media.fwMediaType WFS_CEU_MEDIAECARD of _wfs_ceu_frm_field.fwType */ WFS_CEU_FIELDTEXT WFS_CEU_FIELDTEXT WFS_CEU_FIELDOCR of _wfs_ceu_frm_field.fwClass */ WFS_CEU_CLASSSTATIC WFS_CEU_CLASSTATIC WFS_CEU_CLASSREQUIRED WFSCEUFIELDFAIL.wFailure */ WFS_CEU_FIELDSTATICOVWR WFS_CEU_FIELDOVERFLOW WFS_CEU_FIELDOVERFLOW WFS_CEU_FIELDOVERFLOW</pre>	$(1) \\ (2) \\ (3) \\ (3) \\ (4) \\ (1) \\ (1) \\ (1) \\ (1) \\ (2) \\ (1) \\ (2) \\ (1) \\ (2) \\ (3) \\ (1) \\ (2) \\ (3) \\ (4) \\ (4) \\ (4) \\ (1) \\ (2) \\ (3) \\ (4) \\ (1) \\ (2) \\ (3) \\ (4) \\ (1) \\ (2) \\ (3) \\ (4) \\ (1) \\ (2) \\ (3) \\ (4) \\ (1) \\ (2) \\ (3) \\ (4) \\ (1) \\ (2) \\ (3) \\ (4) \\ (1) \\ (2) \\ (3) \\ (4) \\ (1) \\ (2) \\ (3) \\ (4) \\ (1) \\ (2) \\ (3) \\ (4) \\ (1) \\ (2) \\ (3) \\ (4) \\ (1) \\ (2) \\ (3) \\ (4) \\ (1) \\ (2) \\ (3) \\ (2) \\ (3) \\ (3) \\ (4) \\ (2) \\ (3) \\ (4) \\ (2) \\ (3) \\ (4) \\ (2) \\ (3) \\ (4) \\ (2) \\ (3) \\ (4) \\ (2) \\ (3) \\ (4) \\ (2) \\ (3) \\ (4) \\ (2) \\ (3) \\ (3) \\ (4) \\ (2) \\ (3) \\ (3) \\ (4) \\ (2) \\ (3) \\ (2) \\ (3) $	
<pre>#define #define #define #define #define #define #define /* values #define /* values #define /* values #define #de</pre>	<pre>WFS_CEU_INCH WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMRIGHT of _wfs_ceu_frm_media.fwMediaType WFS_CEU_MEDIAECARD of _wfs_ceu_frm_field.fwType */ WFS_CEU_FIELDTEXT WFS_CEU_FIELDTEXT WFS_CEU_FIELDOCR of _wfs_ceu_frm_field.fwClass */ WFS_CEU_CLASSSTATIC WFS_CEU_CLASSSTATIC WFS_CEU_CLASSREQUIRED WFSCEUFIELDFAIL.wFailure */ WFS_CEU_FIELDSTATICOVWR WFS_CEU_FIELDOVERFLOW WFS_CEU_FIELDOVERFLOW WFS_CEU_FIELDNOTFOUND WFS_CEU_FIELDNOTFOUND WFS_CEU_FIELDNOTFOUND WFS_CEU_FIELDNOTFOUND WFS_CEU_FIELDNOTFOUND</pre>	(1) (2) (3) */ (1) (2) (3) (4) */ (1) (2) (1) (2) (1) (2) (3) (1) (2) (3) (1) (2) (3) (4) (5)	
<pre>#define #define #define #define #define #define #define #define /* values #define /* values #define #defi</pre>	<pre>WFS_CEU_INCH WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMRIGHT of _wfs_ceu_frm_media.fwMediaType WFS_CEU_MEDIAECARD of _wfs_ceu_frm_field.fwType */ WFS_CEU_FIELDTEXT WFS_CEU_FIELDOCR of _wfs_ceu_frm_field.fwClass */ WFS_CEU_FIELDOCR of _wfs_ceu_frm_field.fwClass */ WFS_CEU_CLASSSTATIC WFS_CEU_CLASSTATIC WFS_CEU_CLASSREQUIRED WFS_CEU_FIELDFAIL.wFailure */ WFS_CEU_FIELDTEXT WFS_FIELT WFS_CEU_FIELDTEXT WFS_CEU_FIELDTEXT WFS_CEU_F</pre>	(1) (2) (3) */ (1) (2) (3) (4) */ (1) (1) (2) (1) (2) (1) (2) (3) (1) (2) (3) (4) (5) (6)	
<pre>#define #define #define #define #define #define #define #define /* values #define /* values #define #defi</pre>	<pre>WFS_CEU_INCH WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMRIGHT of _wfs_ceu_frm_media.fwMediaType WFS_CEU_MEDIAECARD of _wfs_ceu_frm_field.fwType */ WFS_CEU_FIELDTEXT WFS_CEU_FIELDTEXT WFS_CEU_FIELDOCR of _wfs_ceu_frm_field.fwClass */ WFS_CEU_CLASSSTATIC WFS_CEU_CLASSSTATIC WFS_CEU_CLASSREQUIRED WFS_CEU_FIELDFAIL.wFailure */ WFS_CEU_FIELDFAIL.wFailure */ WFS_CEU_FIELDTEXT WFS_CEU_FIELDREQUIRED WFS_CEU_FIELDNOTFOUND WFS_CEU_FIELDNOTFOUND WFS_CEU_FIELDNOTREAD WFS_CEU_FIELDNOTWRITE</pre>	$(1) \\ (2) \\ (3) \\ (3) \\ (4) \\ (4) \\ (4) \\ (4) \\ (4) \\ (1) \\ (1) \\ (2) \\ (1) \\ (2) \\ (3) \\ (1) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (1) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (4) \\ (5) \\ (6) \\ (7) \\ (2) \\ (3) \\ (2) \\ (3) $	
<pre>#define #define #define #define #define #define #define #define /* values #define #define /* values #define #defi</pre>	<pre>WFS_CEU_INCH WFS_CEU_ROWCOLUMN of _wfs_ceu_frm_header.wAlignment WFS_CEU_TOPLEFT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMLEFT WFS_CEU_BOTTOMRIGHT of _wfs_ceu_frm_media.fwMediaType WFS_CEU_MEDIAECARD of _wfs_ceu_frm_field.fwType */ WFS_CEU_FIELDTEXT WFS_CEU_FIELDTEXT WFS_CEU_FIELDOCR of _wfs_ceu_frm_field.fwClass */ WFS_CEU_CLASSSTATIC WFS_CEU_CLASSSTATIC WFS_CEU_CLASSREQUIRED WFS_CEU_FIELDFAIL.wFailure */ WFS_CEU_FIELDFAIL.wFailure */ WFS_CEU_FIELDREQUIRED WFS_CEU_FIELDNOTRED WFS_CEU_FIELDNOTFOUND WFS_CEU_FIELDNOTREAD</pre>	(1) (2) (3) (3) (4) (1) (1) (1) (1) (2) (1) (2) (1) (2) (3) (1) (2) (3) (1) (2) (3) (4) (5) (6) (7) (8)	

/* values of WFSCEUEMBOSSCARD.fwChipProtocols */

#define	WFS_CEU_NOTSUPP	0x0000
#dofino		0.20001
#der me	WF9_CE0_CHIFI0	OXOOOT
#define	WFS_CEU_CHIPT1	0x0002
#dofino	WFS CFIL CHIDT?	0~0004
#ucline		0.0004
#define	WFS_CEU_CHIPT3	0x0008
#define	WES CEU CHIPT4	0x0010
		0.00010
#aerine	WFS_CEU_CHIPT5	0X0020
#define	WES CEU CHIPT6	0x0040
11 a c !		0.0000
#derine	WFS_CEU_CHIPT7	0X0080
#define	WFS CEU CHIPT8	0x0100
11.3 - 6		00.000
#aerine	WFS_CEU_CHIPT9	UXU2UU
#define	WFS CEU CHIPT10	0x0400
Hdofino		00900
#der me	WF5_CEU_CHIPIII	0x0800
#define	WFS CEU CHIPT12	0x1000
#dofino		0**2000
#der me	ML9_CEO_CHIFII2	022000
#define	WFS_CEU_CHIPT14	0x4000
#dofino	WES CEIL CHIDT15	0~8000
#ucline	WF5_CE0_CHIFTI5	0x0000
/* WFS_E	XEE_CEU_EMBOSS_FAILURE	
		(1)
#aerıne	WFS_CEU_STEPPER_ERROR	(⊥)
#define	WFS_CEU_TOPPER FOIL BREAK	(2)
#define	מספפת הפדי הפגט ווש	(2)
"der Tile	MLO_CEO_CAKD_LEED_EKKOK	
#define	WFS_CEU_MAGNETIC_STRIPE_ERROR	(4)
#define	WES CELL RETAIN RIN FULL	(5)
"OCT THE		
#define	WFS_CEU_OUTPUT_BIN_FULL	(6)
#dofino	WES CELL COVED ODEN	(7)
#derine	ML2_CEO_COVEN_OFEN	
#define	WFS_CEU_TOPPER_JAM	(8)
#define	WES CELL STACKER ERROR	(9)
		(10)
#derine	WFS_CEU_SYSTEM_ERROR	(10)
#define	WES CELL OCR ERROR	(11)
-1 - E -!		(10)
#derine	MES_CEO_EMBOSS_LIMIIS_EXCEEDED	(1 2)
#define	WFS_CEU_COMMUNICATIONS_FAILURE	(13)
#dofino	שבכ כידו האיזא בספאאיי בפפסס	(14)
#derine	WF5_CEU_DAIA_FORMAI_ERROR	
#define	WFS_CEU_BUFFER_OVERRUN	(15)
#define	WES CELL DEF ENCODE DEAD EPROP	(16)
#derine	WF3_CE0_FKE_ENCODE_KEAD_EKKOK	
#define	WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR	(17)
#define	WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR	(17)
#define #define	WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY	(17) (18)
#define #define #define	WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY	(17) (18) (19)
<pre>#define #define #define /* value #define</pre>	WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN	(17) (18) (19) S_CMD_CEU_RESET command */ (1)
<pre>#define #define #define /* value #define #define #define</pre>	WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN	(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2)
<pre>#define #define #define /* value #define #define #define</pre>	WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTOOETAINBIN	(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3)
<pre>#define #define #define /* value #define #define #define #define</pre>	WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN	(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3)
<pre>#define #define #define /* value #define #define #define #define /* WOSA/</pre>	WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN 'XFS CEU Errors */	(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3)
<pre>#define #define #define /* value #define #define #define /* WOSA/ #define</pre>	WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN 'XFS CEU Errors */ WFS ERR CEU FORMNOTFOUND	<pre>(17) (18) (19) 5_CMD_CEU_RESET command */ (1) (2) (3) (-(CEU_SERVICE_OFFSET + 1))</pre>
<pre>#define #define #define /* value #define #define #define /* WOSA/ #define #define</pre>	WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND NEC EDD CEU FORMNOTFOUND	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) </pre> (-(CEU_SERVICE_OFFSET + 1)) ((CEU_SERVICE_OFFSET + 2))
<pre>#define #define #define /* value #define #define #define /* WOSA/ #define #define</pre>	WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2))</pre>
<pre>#define #define #define /* value #define #define #define /* WOSA/ #define #define #define #define #define</pre>	WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN 'XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS ERR CEU MEDIANOTFOUND	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 3))</pre>
<pre>#define #define #define</pre>	WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIANOTFOUND	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 3)) (-(CEU_SERVICE_OFFSET + 3))</pre>
<pre>#define #define #define /* value #define #define /* WOSA/ #define #define #define #define #define #define</pre>	WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 3)) (-(CEU_SERVICE_OFFSET + 4))</pre>
<pre>#define #define #define /* value #define #define /* WOSA/ #define #define</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN 'XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_NOMEDIA</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 3)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 5))</pre>
<pre>#define #define #define</pre>	WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 3)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 5)) (-(CEU_SERVICE_OFFSET + 5))</pre>
<pre>#define #define #define #define #define #define /* WOSA/ #define #define #define #define #define #define #define #define #define #define</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 3)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 5)) (-(CEU_SERVICE_OFFSET + 5)) (-(CEU_SERVICE_OFFSET + 6))</pre>
<pre>#define #define #define #define #define #define /* WOSA/ #define #define</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN 'XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMNOTFOUND</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 3)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 5)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7))</pre>
<pre>#define #define #</pre>	WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC FORMINVALID	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 3)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 5)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 7))</pre>
<pre>#define #define #define #define #define #define /* WOSA/ #define #define</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_INVALID WFS_ERR_CEU_INVALID WFS_ERR_CEU_INVALID WFS_ERR_CEU_IDC_FORMINVALID</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 3)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 5)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 8))</pre>
<pre>#define #define #define #define #define #define /* WOSA/ #define #define</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMNOTFOUND WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_INVALIDD WFS_ERR_CEU_INVALIDD WFS_ERR_CEU_INVALIDD WFS_ERR_CEU_INVALIDDATA</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 3)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 5)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 8))</pre>
<pre>#define #define #</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_PROTOCOLNOTSUPP</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 9)) (-(CEU_SERVICE_OFFSET + 10))</pre>
<pre>#define #define #define #define #define #define /* WOSA/ #define #define</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_INVALIDATA WFS_ERR_CEU_INVALIDATA WFS_ERR_CEU_PROTOCOLNOTSUPP WFS_ERR_CEU_ATPNOTOCTAINED</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 3)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 5)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 9)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10))</pre>
<pre>#define #define #define #define #define #define /* WOSA/ #define #define</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMNOTFOUND WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_PROTOCOLNOTSUPP WFS_ERR_CEU_ATRNOTOBTAINED</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 3)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 5)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 9)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 11))</pre>
<pre>#define #define #</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_PROTOCOLNOTSUPP WFS_ERR_CEU_ATRNOTOBTAINED WFS_ERR_CEU_FIELDSPECFAILURE</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 5)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 9)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 12))</pre>
<pre>#define #define #define #define #define #define /* WOSA/ #define #define</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMNOTFOUND WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_PROTOCOLNOTSUPP WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDSPECFAILURE</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 9)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 11)) (-(CEU_SERVICE_OFFSET + 12))</pre>
<pre>#define #define #</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIANOVERFLOW WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDCAFORMINVALID WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_NALIDDATA WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDERROR</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 3)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 11)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 12))</pre>
<pre>#define #define #</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMINTFOUND WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_PROTOCOLNOTSUPP WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDERROR WFS_ERR_CEU_EMBOSSFAILURE</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 5)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 11)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 13)) (-(CEU_SERVICE_OFFSET + 14))</pre>
<pre>#define #define #define #define #define #define /* WOSA/ #define #define</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN 'XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMNOTFOUND WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDSPECIND</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 14))</pre>
<pre>#define #define #</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDCAFORMINVALID WFS_ERR_CEU_IDCAFORMINVALID WFS_ERR_CEU_IDCAFORMINVALID WFS_ERR_CEU_IDCAFORMINVALID WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDNOTFOUND</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 13)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 15))</pre>
<pre>#define #define #</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_ATRNOTOBTAINED WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDERROR WFS_ERR_CEU_FIELDERROR WFS_ERR_CEU_FIELDONTFOUND</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 14))</pre>
<pre>#define #define #define #define #define #define /* WOSA/ #define #define</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_PROTOCOLNOTSUPP WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDERROR WFS_ERR_CEU_FIELDERROR WFS_ERR_CEU_FIELDNOTFOUND</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 3)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 13)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 15))</pre>
<pre>#define #define #</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDCAFORMINVALID WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDSFORMINVALID</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 3)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 13)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 15))</pre>
<pre>#define #define #</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_IDC_FORMNOTFOUND WFS_ERR_CEU_IDC_FORMNOTFOUND WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_INVALIDATA WFS_ERR_CEU_ATRNOTOBTAINED WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDERROR WFS_ERR_CEU_FIELDEROR</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 5)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 13)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 15))</pre>
<pre>#define #define #</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_NATINOTOBTAINED WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDERROR WFS_ERR_CEU_FIELDERROR WFS_ERR_CEU_FIELDNOTFOUND </pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 13)) (-(CEU_SERVICE_OFFSET + 13)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 15))</pre>
<pre>#define #define #</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDCAFORMINVALID WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDROR WFS_ERR_CEU_FIELDNOTFOUND</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 3)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 13)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 15))</pre>
<pre>#define #define #</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMNOTFOUND WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_INVALIDATA WFS_ERR_CEU_INVALIDATA WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDNOTFOUND</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 13)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 15))</pre>
<pre>#define #define #</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDCAFORMINVALID WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDERROR WFS_ERR_CEU_FIELDNOTFOUND WFS_ERR_CEU_FIELDNOTFOUND WFS_ERR_CEU_FIELDNOTFOUND WFS_ERR_CEU_FIELDNOTFOUND WFS_ERR_CEU_FIELDNOTFOUND Serre CEU_FIELDNOTFOUND Command Structures and variables */</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 13)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 15)) </pre>
<pre>#define #define #</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMNOTFOUND WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDCDATA WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDROR WFS_ERR_CEU_FIELDNOTFOUND</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 5)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 11)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 13)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 15))</pre>
<pre>#define #define #</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_INVALIDATA WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDNOTFOUND Sufficient for the struct wfs_ceu_status</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 11)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 13)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 15)) </pre>
<pre>#define #define #</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDCAFORMINVALID WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_PROTOCOLNOTSUPP WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDROR WFS_ERR_CEU_FIELDNOTFOUND WFS_ERR_CEU_FIELDNOTFOUND WFS_ERR_CEU_FIELDNOTFOUND Struct _wfs_ceu_status</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 13)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 15)) </pre>
<pre>#define #define #</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_IDC_FORMNOTFOUND WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_ATRNOTOBTAINED WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDERROR WFS_ERR_CEU_FIELDRROR WFS_ERR_CEU_FIELDNOTFOUND WFS_ERR_CEU_FIELDNOTFOUND WFS_ERR_CEU_FIELDNOTFOUND WFS_ERR_CEU_FIELDNOTFOUND WFS_ERR_CEU_FIELDNOTFOUND Struct _wfs_ceu_status fwDevice:</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 15))</pre>
<pre>#define #define #</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_IDC_FORMNOTFOUND WFS_ERR_CEU_IDC_FORMNOTFOUND WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDNOTFOUND Sufficient Structures and variables */ struct _wfs_ceu_status of fwDevice;</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 3)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 15)) </pre>
<pre>#define #define #</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_MEDIAINVALID WFS_ERR_CEU_IDC_FORMNOTFOUND WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDCAFORMINVALID WFS_ERR_CEU_IDCAFORMINVALID WFS_ERR_CEU_INVALIDDATA WFS_ERR_CEU_PROTOCOLNOTSUPP WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDRROR WFS_ERR_CEU_FIELDNOTFOUND Struct _wfs_ceu_status on fwDevice; on fwDevice; on fwDevice; on fwMedia;</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 2)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 7)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 13)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 15)) </pre>
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<pre>#define #define #</pre>	<pre>WFS_CEU_PRE_ENCODE_DATA_MATCH_ERROR WFS_CEU_INPUT_BIN_EMPTY WFS_CEU_DEVICE_BUSY es of lpwCeuMediacontrol paramater of WFS WFS_CEU_CTRLTOINPUTBIN WFS_CEU_CTRLTOOUTPUTBIN WFS_CEU_CTRLTORETAINBIN /XFS CEU Errors */ WFS_ERR_CEU_FORMNOTFOUND WFS_ERR_CEU_FORMINVALID WFS_ERR_CEU_MEDIANOTFOUND WFS_ERR_CEU_MEDIANOVERFLOW WFS_ERR_CEU_MEDIAOVERFLOW WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_IDC_FORMINVALID WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDSPECFAILURE WFS_ERR_CEU_FIELDRROR WFS_ERR_CEU_FIELDNOTFOUND Struct _wfs_ceu_status of fwDevice; of fwMedia; of fwRetainBin; if wetainBin; if wetainBin; if</pre>	<pre>(17) (18) (19) S_CMD_CEU_RESET command */ (1) (2) (3) (3) (-(CEU_SERVICE_OFFSET + 1)) (-(CEU_SERVICE_OFFSET + 3)) (-(CEU_SERVICE_OFFSET + 4)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 6)) (-(CEU_SERVICE_OFFSET + 8)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 10)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 12)) (-(CEU_SERVICE_OFFSET + 13)) (-(CEU_SERVICE_OFFSET + 14)) (-(CEU_SERVICE_OFFSET + 15)) </pre>

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```

```
WORD
            fwInputBin;
   USHORT
            usTotalCards;
   USHORT
           usOutputCards;
          usRetainCards;
   USHORT
   LPSTR
            lpszExtra;
} WFSCEUSTATUS, * LPWFSCEUSTATUS;
typedef struct _wfs_ceu_caps
{
   WORD
            wClass;
   BOOL
            bCompound;
   BOOL
            bCompareMagneticStripe;
   BOOL
            bMagneticStripeRead;
   BOOL
            bMagneticStripeWrite;
           bChipIO;
   BOOL
   WORD
            wChipProtocol;
   LPSTR
            lpszExtra;
} WFSCEUCAPS, * LPWFSCEUCAPS;
typedef struct _wfs_ceu_form
   LPSTR
            lpszFormName;
            lpszFields;
   LPSTR
} WFSCEUFORM, * LPWFSCEUFORM;
typedef struct _wfs_ceu_frm_media
            fwMediaType;
   WORD
   WORD
            wBase;
   WORD
            wUnitX;
   WORD
            wUnitY;
   WORD
            wSizeWidth;
   WORD
            wSizeHeight;
   WORD
            wEmbossAreaX;
   WORD
            wEmbossAreaY;
   WORD
            wEmbossAreaWidth;
   WORD
            wEmbossAreaHeight;
   WORD
            wRestrictedAreaX;
   WORD
            wRestrictedAreaY;
   WORD
            wRestrictedAreaWidth;
   WORD
            wRestrictedAreaHeight;
} WFSCEUFRMMEDIA, * LPWFSCEUFRMMEDIA;
typedef struct _wfs_ceu_query_field
   LPSTR
            lpszFormName;
   LPSTR
            lpszFieldName;
} WFSCEUQUERYFIELD, * LPWFSCEUQUERYFIELD;
typedef struct _wfs_ceu_frm_field
   LPSTR
            lpszFieldName;
   WORD
            fwType;
   WORD
            fwClass;
            lpszInitialValue;
   LPSTR
            lpszFormat;
   LPSTR
} WFSCEUFRMFIELD, * LPWFSCEUFRMFIELD;
/* CEU Execute Command Structures */
/*_____*/
typedef struct _wfs_ceu_emboss_card
   LPSTR
            lpszFormName;
   LPSTR
            lpszMediaName;
   LPSTR
            lpszFields;
   LPSTR
            lpszCompareFormIOFormName;
   LPSTR
            lpszCompareFormIOTrackData;
            lpszFormIOFormName;
   LPSTR
   LPSTR
            lpszFormIOTrackData;
```

```
WORD wChipProtocol;
ULONG ulChipDataLength;
LPBYTE lpbChipData;
} WFSCEUEMBOSSCARD, * LPWFSCEUEMBOSSCARD;
/* CEU Message Structures */
/*-----*/
typedef struct _wfs_ceu_field_failure
{
           lpszFormName;
   LPSTR
        lpszFieldName;
wFailure;
   LPSTR
   WORD
} WFSCEUFIELDFAIL, * LPWFSCEUFIELDFAIL;
#ifdef __cplusplus
.
#endif
//restore alignment
#pragma pack (pop)
#endif /* __INC_XFSCEU__H */
```