

```

                                EngInterface.h
/* this ALWAYS GENERATED file contains the definitions for the interfaces */

/* File created by MIDL compiler version 3.01.75 */
/* at Tue Jul 22 18:15:33 1997
*/
/* Compiler settings for EngInterface.idl:
   Oicf (OptLev=i2), w1, Zp8, env=win32, ms_ext, c_ext
   error checks: none
*/
//@@MIDL_FILE_HEADING(  )
#include "rpc.h"
#include "rpcndr.h"
#ifdef COM_NO_WINDOWS_H
#include "windows.h"
#include "ole2.h"
#endif /*COM_NO_WINDOWS_H*/

#ifdef __EngInterface_h__
#define __EngInterface_h__

#ifdef __cplusplus
extern "C"{
#endif

/* Forward Declarations */

#ifdef __IEngComIfc_FWD_DEFINED__
#define __IEngComIfc_FWD_DEFINED__
typedef interface IEngComIfc IEngComIfc;
#endif /* __IEngComIfc_FWD_DEFINED__ */

#ifdef __EngComIfc_FWD_DEFINED__
#define __EngComIfc_FWD_DEFINED__

#ifdef __cplusplus
typedef class EngComIfc EngComIfc;
#else
typedef struct EngComIfc EngComIfc;
#endif /* __cplusplus */

#endif /* __EngComIfc_FWD_DEFINED__ */

/* header files for imported files */
#include "oaidl.h"
#include "ocidl.h"

void __RPC_FAR * __RPC_USER MIDL_user_allocate(size_t);
void __RPC_USER MIDL_user_free( void __RPC_FAR * );

#ifdef __IEngComIfc_INTERFACE_DEFINED__
#define __IEngComIfc_INTERFACE_DEFINED__

/*****
 * Generated header for interface: IEngComIfc
 * at Tue Jul 22 18:15:33 1997
 * using MIDL 3.01.75
 *****/
/* [unique][helpstring][dual][uuid][object] */

```

## EngInterface.h

```
EXTERN_C const IID IID_IEngComIfc;
```

```
#if defined(__cplusplus) && !defined(CINTERFACE)
```

```
interface DECLSPEC_UUID("58F83262-E00A-11D0-B881-00C0E321052F")
```

```
IEngComIfc : public IDispatch
```

```
{
```

```
public:
```

```
    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamCVGetValue(  
        /* [in] */ int iDCCAddr,  
        /* [in] */ int iCVReg,  
        /* [out] */ int __RPC_FAR *pCVValue,  
        /* [retval][out] */ short __RPC_FAR *piError) = 0;
```

```
    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamCVGetValueAll(  
        /* [in] */ int iDCCAddr,  
        /* [in] */ int iCVRegStart,  
        /* [in] */ int iCVRegEnd,  
        /* [last_is][first_is][out][in] */ int __RPC_FAR iCVValueArray[ 1024 ],  
        /* [retval][out] */ short __RPC_FAR *piError) = 0;
```

```
    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamCVPutValue(  
        /* [in] */ int iDCCAddr,  
        /* [in] */ int iCVReg,  
        /* [in] */ int iCVValue,  
        /* [retval][out] */ short __RPC_FAR *piError) = 0;
```

```
    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamCVPutValueAll(  
        /* [in] */ int iDCCAddr,  
        /* [in] */ int iCVRegStart,  
        /* [in] */ int iCVRegEnd,  
        /* [last_is][first_is][in] */ int __RPC_FAR iCVValueArray[ 1024 ],  
        /* [retval][out] */ short __RPC_FAR *piError) = 0;
```

```
    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamCVGetEnable(  
        /* [in] */ int iDCCAddr,  
        /* [in] */ int iCVReg,  
        /* [out] */ int __RPC_FAR *pEnable,  
        /* [retval][out] */ short __RPC_FAR *piError) = 0;
```

```
    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamCVGetEnableAll(  
        /* [in] */ int iDCCAddr,  
        /* [in] */ int iCVRegStart,  
        /* [in] */ int iCVRegEnd,  
        /* [last_is][first_is][out][in] */ int __RPC_FAR iCVENableArray[ 1024 ],  
        /* [retval][out] */ short __RPC_FAR *piError) = 0;
```

```
    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamCVPutEnable(  
        /* [in] */ int iDCCAddr,  
        /* [in] */ int iCVReg,  
        /* [in] */ int iEnable,  
        /* [retval][out] */ short __RPC_FAR *piError) = 0;
```

```
    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamCVPutEnableAll(  
        /* [in] */ int iDCCAddr,  
        /* [in] */ int iCVRegStart,  
        /* [in] */ int iCVRegEnd,  
        /* [last_is][first_is][in] */ int __RPC_FAR iCVENableArray[ 1024 ],  
        /* [retval][out] */ short __RPC_FAR *piError) = 0;
```

```
    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamCVGetName(  
        /* [in] */ int iCV,
```

```

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/* [retval][out] */ BSTR __RPC_FAR *pbsCVNameString) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamCVGetMaxRegister(
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ int __RPC_FAR *lpMaxRegister) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamCVGetMinRegister(
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ int __RPC_FAR *lpMinRegister) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamEngGetSpeed(
    /* [in] */ int iDCCAddr,
    /* [out][in] */ int __RPC_FAR *lpSpeed,
    /* [out][in] */ int __RPC_FAR *lpDirection,
    /* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamEngPutSpeed(
    /* [in] */ int iDCCAddr,
    /* [in] */ int iSpeed,
    /* [in] */ int iDirection,
    /* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamEngGetFunction(
    /* [in] */ int iDCCAddr,
    /* [in] */ int iFunctionID,
    /* [out][in] */ int __RPC_FAR *lpFunction,
    /* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamEngPutFunction(
    /* [in] */ int iDCCAddr,
    /* [in] */ int iFunctionID,
    /* [in] */ int iFunction,
    /* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamEngGetFunctionAll(
    /* [in] */ int iDCCAddr,
    /* [out][in] */ int __RPC_FAR iFunction[ 16 ],
    /* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamEngPutFunctionAll(
    /* [in] */ int iDCCAddr,
    /* [in] */ int __RPC_FAR iFunction[ 16 ],
    /* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamEngGetFunctionMax(
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ int __RPC_FAR *lpMaxFunction) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamEngGetName(
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ BSTR __RPC_FAR *pbsEngName) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamEngPutName(
    /* [in] */ int iDCCAddr,
    /* [in] */ BSTR bsEngName,
    /* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE

```

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```
KamEngGetFunctionName(
    /* [in] */ int iDCCAddr,
    /* [in] */ int iFunctionID,
    /* [retval][out] */ BSTR __RPC_FAR *pbsFcnNameString) = 0;

    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamEngPutFunctionName(
    /* [in] */ int iDCCAddr,
    /* [in] */ int iFunctionID,
    /* [in] */ BSTR bsFcnNameString,
    /* [retval][out] */ short __RPC_FAR *piError) = 0;

    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamEngGetSpeedSteps(
    /* [in] */ int iDCCAddr,
    /* [out][in] */ int __RPC_FAR *lpSpeedSteps,
    /* [retval][out] */ short __RPC_FAR *piError) = 0;

    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamEngPutSpeedSteps(
    /* [in] */ int iDCCAddr,
    /* [in] */ int iSpeedSteps,
    /* [retval][out] */ short __RPC_FAR *piError) = 0;

    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamEngPutAdd(
    /* [in] */ int iDCCAddr,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError) = 0;

    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamEngPutDel(
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ short __RPC_FAR *piError) = 0;

    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamAccGetFunction(
    /* [in] */ int iDCCAddr,
    /* [in] */ int iFunctionID,
    /* [out][in] */ int __RPC_FAR *lpFunction,
    /* [retval][out] */ short __RPC_FAR *piError) = 0;

    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamAccPutFunction(
    /* [in] */ int iDCCAddr,
    /* [in] */ int iFunctionID,
    /* [in] */ int iFunction,
    /* [retval][out] */ short __RPC_FAR *piError) = 0;

    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamAccGetFunctionAll(
    /* [in] */ int iDCCAddr,
    /* [out][in] */ int __RPC_FAR iFunction[ 32 ],
    /* [retval][out] */ short __RPC_FAR *piError) = 0;

    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamAccPutFunctionAll(
    /* [in] */ int iDCCAddr,
    /* [in] */ int __RPC_FAR iFunction[ 32 ],
    /* [retval][out] */ short __RPC_FAR *piError) = 0;

    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamAccGetFunctionMax(
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ int __RPC_FAR *lpMaxFunction) = 0;
```

```
    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamAccGetName(
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```

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```
/* [in] */ int iDCCAddr,
/* [retval][out] */ BSTR __RPC_FAR *pbsAccNameString) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamAccPutName(
/* [in] */ int iDCCAddr,
/* [in] */ BSTR bsAccNameString,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamAccGetFunctionName(
/* [in] */ int iDCCAddr,
/* [in] */ int iFunctionID,
/* [retval][out] */ BSTR __RPC_FAR *pbsFcnNameString) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamAccPutFunctionName(
/* [in] */ int iDCCAddr,
/* [in] */ int iFunctionID,
/* [in] */ BSTR bsFcnNameString,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamAccPutAdd(
/* [in] */ int iDCCAddr,
/* [in] */ int iLogicalPortID,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamAccPutDel(
/* [in] */ int iDCCAddr,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamOprPutTurnOnStation(
/* [in] */ int iLogicalPortID,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamOprPutStartStation(
/* [in] */ int iLogicalPortID,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamOprPutClearStation(
/* [in] */ int iLogicalPortID,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamOprPutStopStation(
/* [in] */ int iLogicalPortID,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamOprPutPowerOn(
/* [in] */ int iLogicalPortID,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamOprPutPowerOff(
/* [in] */ int iLogicalPortID,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamOprPutHardReset(
/* [in] */ int iLogicalPortID,
/* [retval][out] */ short __RPC_FAR *piError) = 0;
```

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```
virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE  
KamOprPutEmergencyStop(  
    /* [in] */ int iLogicalPortID,  
    /* [retval][out] */ short __RPC_FAR *piError) = 0;  
  
virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE  
KamOprGetStationStatus(  
    /* [in] */ int iLogicalPortID,  
    /* [retval][out] */ BSTR __RPC_FAR *pbsStationStatus) = 0;  
  
virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamProgramCV(  
    /* [in] */ int iDCCAddr,  
    /* [in] */ int iCVReg,  
    /* [retval][out] */ short __RPC_FAR *piError) = 0;  
  
virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE  
KamProgramReadDecoderToDataBase(  
    /* [in] */ int iDCCAddr,  
    /* [retval][out] */ short __RPC_FAR *piError) = 0;  
  
virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE  
KamProgramDecoderFromDataBase(  
    /* [in] */ int iDCCAddr,  
    /* [retval][out] */ short __RPC_FAR *piError) = 0;  
  
virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamPortPutRetrans(  
    /* [in] */ int iLogicalPortID,  
    /* [in] */ int iValue,  
    /* [retval][out] */ short __RPC_FAR *piError) = 0;  
  
virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamPortPutRate(  
    /* [in] */ int iLogicalPortID,  
    /* [in] */ int iValue,  
    /* [retval][out] */ short __RPC_FAR *piError) = 0;  
  
virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamPortPutParity(  
    /* [in] */ int iLogicalPortID,  
    /* [in] */ int iValue,  
    /* [retval][out] */ short __RPC_FAR *piError) = 0;  
  
virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamPortPutStop(  
    /* [in] */ int iLogicalPortID,  
    /* [in] */ int iValue,  
    /* [retval][out] */ short __RPC_FAR *piError) = 0;  
  
virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamPortPutWatchdog(  
    /* [in] */ int iLogicalPortID,  
    /* [in] */ int iValue,  
    /* [retval][out] */ short __RPC_FAR *piError) = 0;  
  
virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamPortPutFlow(  
    /* [in] */ int iLogicalPortID,  
    /* [in] */ int iValue,  
    /* [retval][out] */ short __RPC_FAR *piError) = 0;  
  
virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamPortPutData(  
    /* [in] */ int iLogicalPortID,  
    /* [in] */ int iValue,  
    /* [retval][out] */ short __RPC_FAR *piError) = 0;  
  
virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamPortGetName(  
    /* [in] */ int iPhysicalPortID,
```

```

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/* [retval][out] */ BSTR __RPC_FAR *pbsPortName) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamPortPutDebug(
/* [in] */ int iLogicalPortID,
/* [in] */ int iMode,
/* [in] */ int iKey,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamPortPutMapController(
/* [in] */ int iLogicalPortID,
/* [in] */ int iControllerID,
/* [in] */ int iComPortID,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamPortPutMapAddrToCab(
/* [in] */ int iAddress,
/* [in] */ int iCabAddress,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamPortGetMapCabAddr(
/* [in] */ int iAddress,
/* [retval][out] */ int __RPC_FAR *pCabAddress) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamPortGetMaxLogPorts(
/* [retval][out] */ int __RPC_FAR *lpMaxLogicalPorts) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamPortGetMaxPhysical(
/* [retval][out] */ int __RPC_FAR *pMaxPhysical) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamCmdCommand(
/* [in] */ int iDCCAddr,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamCmdConnect(
/* [in] */ int iLogicalPortID,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamCmdDisconnect(
/* [in] */ int iLogicalPortID,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamDecoderGetMaxModels(
/* [retval][out] */ int __RPC_FAR *piMaxModels) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamDecoderGetModelName(
/* [in] */ int iModel,
/* [retval][out] */ BSTR __RPC_FAR *pbsModelName) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamDecoderSetModelToAddr(
/* [in] */ int iModel,
/* [in] */ int iDCCAddr,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamDecoderGetMaxAddress(

```

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```
/* [in] */ int iModel,
/* [retval][out] */ int __RPC_FAR *piMaxAddress) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamDecoderChangeOldNewAddr(
/* [in] */ int iOldAddr,
/* [in] */ int iNewAddr,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamDecoderMovePort(
/* [in] */ int iDCCAddr,
/* [in] */ int iLogPort,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamDecoderCheckAddrInUse(
/* [in] */ int iDCCAddress,
/* [retval][out] */ short __RPC_FAR *pResult) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamDecoderGetMaxSpeed(
/* [in] */ int iDCCAddress,
/* [retval][out] */ short __RPC_FAR *pResult) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamCabPutMessage(
/* [in] */ int iAddress,
/* [in] */ BSTR __RPC_FAR *pbsMsg,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamCabGetMessage(
/* [in] */ int iAddress,
/* [retval][out] */ BSTR __RPC_FAR *pbsMsg) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamCabPutAddress(
/* [in] */ int iAddress,
/* [in] */ int iCabAddress,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamCabGetAddress(
/* [in] */ int iAddress,
/* [retval][out] */ int __RPC_FAR *pCabAddress) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamMiscGetErrorMsg(
/* [in] */ int iError,
/* [retval][out] */ BSTR __RPC_FAR *pbsErrorString) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamMiscGetClockTime(
/* [out] */ int __RPC_FAR *lpHours,
/* [out] */ int __RPC_FAR *lpMinutes,
/* [out] */ int __RPC_FAR *lpRatio,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamMiscPutClockTime(
/* [in] */ int iHours,
/* [in] */ int iMinutes,
/* [in] */ int iRatio,
/* [retval][out] */ short __RPC_FAR *piError) = 0;

virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
```

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```

KamMiscGetInterfaceVersion(
    /* [retval][out] */ BSTR __RPC_FAR *pbsInterfaceVersion) = 0;

    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE KamMiscSaveData(
        /* [retval][out] */ short __RPC_FAR *piError) = 0;

    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamMiscGetControllerName(
    /* [in] */ int iController,
    /* [retval][out] */ BSTR __RPC_FAR *pbsName) = 0;

    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
KamMiscMaxControllerID(
    /* [retval][out] */ short __RPC_FAR *pMaxControllerID) = 0;

    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE _KamMiscGetSnKey(
        /* [in] */ int iKey,
        /* [retval][out] */ int __RPC_FAR *pSnKey) = 0;

    virtual /* [helpstring][id] */ HRESULT STDMETHODCALLTYPE _KamMiscSetSnKey(
        /* [in] */ int iKey,
        /* [in] */ int iSnKey,
        /* [retval][out] */ short __RPC_FAR *pResult) = 0;
};

```

```
#else /* C style interface */
```

```
typedef struct IEngComIfcVtbl
{
```

```
    BEGIN_INTERFACE
```

```
    HRESULT ( STDMETHODCALLTYPE __RPC_FAR *QueryInterface )(
        IEngComIfc __RPC_FAR * This,
        /* [in] */ REFIID riid,
        /* [iid_is][out] */ void __RPC_FAR * __RPC_FAR *ppvObject);
```

```
    ULONG ( STDMETHODCALLTYPE __RPC_FAR *AddRef )(
        IEngComIfc __RPC_FAR * This);
```

```
    ULONG ( STDMETHODCALLTYPE __RPC_FAR *Release )(
        IEngComIfc __RPC_FAR * This);
```

```
    HRESULT ( STDMETHODCALLTYPE __RPC_FAR *GetTypeInfoCount )(
        IEngComIfc __RPC_FAR * This,
        /* [out] */ UINT __RPC_FAR *pctinfo);
```

```
    HRESULT ( STDMETHODCALLTYPE __RPC_FAR *GetTypeInfo )(
        IEngComIfc __RPC_FAR * This,
        /* [in] */ UINT iTInfo,
        /* [in] */ LCID lcid,
        /* [out] */ ITypeInfo __RPC_FAR * __RPC_FAR *ppTInfo);
```

```
    HRESULT ( STDMETHODCALLTYPE __RPC_FAR *GetIDsOfNames )(
        IEngComIfc __RPC_FAR * This,
        /* [in] */ REFIID riid,
        /* [size_is][in] */ LPOLESTR __RPC_FAR *rgszNames,
        /* [in] */ UINT cNames,
        /* [in] */ LCID lcid,
        /* [size_is][out] */ DISPID __RPC_FAR *rgDispId);
```

```
    /* [local] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *Invoke )(
        IEngComIfc __RPC_FAR * This,
```

```

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/* [in] */ DISPID dispIdMember,
/* [in] */ REFIID riid,
/* [in] */ LCID lcid,
/* [in] */ WORD wFlags,
/* [out][in] */ DISPPARAMS __RPC_FAR *pDispParams,
/* [out] */ VARIANT __RPC_FAR *pVarResult,
/* [out] */ EXCEPINFO __RPC_FAR *pExcepInfo,
/* [out] */ UINT __RPC_FAR *puArgErr);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamCVGetValue
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iCVReg,
    /* [out] */ int __RPC_FAR *pCVValue,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamCVGetValueAll )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iCVRegStart,
    /* [in] */ int iCVRegEnd,
    /* [last_is][first_is][out][in] */ int __RPC_FAR iCVValueArray[ 1024 ],
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamCVPutValue
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iCVReg,
    /* [in] */ int iCVValue,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamCVPutValueAll )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iCVRegStart,
    /* [in] */ int iCVRegEnd,
    /* [last_is][first_is][in] */ int __RPC_FAR iCVValueArray[ 1024 ],
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamCVGetEnable
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iCVReg,
    /* [out] */ int __RPC_FAR *pEnable,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamCVGetEnableAll )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iCVRegStart,
    /* [in] */ int iCVRegEnd,
    /* [last_is][first_is][out][in] */ int __RPC_FAR iCVEnableArray[ 1024 ],
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamCVPutEnable
)(
    IEngComIfc __RPC_FAR * This,

```

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```

/* [in] */ int iDCCAddr,
/* [in] */ int iCVReg,
/* [in] */ int iEnable,
/* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamCVPutEnableAll )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iCVRegStart,
    /* [in] */ int iCVRegEnd,
    /* [last_is][first_is][in] */ int __RPC_FAR iCVEnableArray[ 1024 ],
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamCVGetName
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iCV,
    /* [retval][out] */ BSTR __RPC_FAR *pbsCVNameString);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamCVGetMaxRegister )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ int __RPC_FAR *lpMaxRegister);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamCVGetMinRegister )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ int __RPC_FAR *lpMinRegister);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamEngGetSpeed
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [out][in] */ int __RPC_FAR *lpSpeed,
    /* [out][in] */ int __RPC_FAR *lpDirection,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamEngPutSpeed
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iSpeed,
    /* [in] */ int iDirection,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamEngGetFunction )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iFunctionID,
    /* [out][in] */ int __RPC_FAR *lpFunction,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamEngPutFunction )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iFunctionID,
    /* [in] */ int iFunction,
    /* [retval][out] */ short __RPC_FAR *piError);

```

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```
/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamEngGetFunctionAll )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [out][in] */ int __RPC_FAR iFunction[ 16 ],
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamEngPutFunctionAll )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int __RPC_FAR iFunction[ 16 ],
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamEngGetFunctionMax )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ int __RPC_FAR *lpMaxFunction);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamEngGetName
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ BSTR __RPC_FAR *pbsEngName);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamEngPutName
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ BSTR bsEngName,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamEngGetFunctionName )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iFunctionID,
    /* [retval][out] */ BSTR __RPC_FAR *pbsFcnNameString);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamEngPutFunctionName )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iFunctionID,
    /* [in] */ BSTR bsFcnNameString,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamEngGetSpeedSteps )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [out][in] */ int __RPC_FAR *lpSpeedSteps,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamEngPutSpeedSteps )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iSpeedSteps,
    /* [retval][out] */ short __RPC_FAR *piError);
```

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```

    /* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamEngPutAdd
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

    /* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamEngPutDe]
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ short __RPC_FAR *piError);

    /* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamAccGetFunction )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iFunctionID,
    /* [out][in] */ int __RPC_FAR *lpFunction,
    /* [retval][out] */ short __RPC_FAR *piError);

    /* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamAccPutFunction )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iFunctionID,
    /* [in] */ int iFunction,
    /* [retval][out] */ short __RPC_FAR *piError);

    /* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamAccGetFunctionAll )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [out][in] */ int __RPC_FAR iFunction[ 32 ],
    /* [retval][out] */ short __RPC_FAR *piError);

    /* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamAccPutFunctionAll )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int __RPC_FAR iFunction[ 32 ],
    /* [retval][out] */ short __RPC_FAR *piError);

    /* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamAccGetFunctionMax )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ int __RPC_FAR *lpMaxFunction);

    /* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamAccGetName
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ BSTR __RPC_FAR *pbsAccNameString);

    /* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamAccPutName
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ BSTR bsAccNameString,
    /* [retval][out] */ short __RPC_FAR *piError);

    /* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR

```

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```

*KamAccGetFunctionName )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iFunctionID,
    /* [retval][out] */ BSTR __RPC_FAR *pbsFcnNameString);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamAccPutFunctionName )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iFunctionID,
    /* [in] */ BSTR bsFcnNameString,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamAccPutAdd
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamAccPutDe[
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamOprPutTurnOnStation )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamOprPutStartStation )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamOprPutClearStation )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamOprPutStopStation )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamOprPutPowerOn )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamOprPutPowerOff )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

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```

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamOprPutHardReset )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamOprPutEmergencyStop )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamOprGetStationStatus )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ BSTR __RPC_FAR *pbsStationStatus);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamProgramCV
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iCVReg,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamProgramReadDecoderToDataBase )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamProgramDecoderFromDataBase )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamPortPutRetrans )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [in] */ int iValue,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamPortPutRate
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [in] */ int iValue,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamPortPutParity )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [in] */ int iValue,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamPortPutStop
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [in] */ int iValue,

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/* [retval][out] */ short __RPC_FAR *piError);
/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamPortPutWatchdog )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [in] */ int iValue,
    /* [retval][out] */ short __RPC_FAR *piError);
/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamPortPutFlow
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [in] */ int iValue,
    /* [retval][out] */ short __RPC_FAR *piError);
/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamPortPutData
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [in] */ int iValue,
    /* [retval][out] */ short __RPC_FAR *piError);
/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamPortGetName
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iPhysicalPortID,
    /* [retval][out] */ BSTR __RPC_FAR *pbsPortName);
/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamPortPutDebug )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [in] */ int iMode,
    /* [in] */ int iKey,
    /* [retval][out] */ short __RPC_FAR *piError);
/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamPortPutMapController )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [in] */ int iControllerID,
    /* [in] */ int iComPortID,
    /* [retval][out] */ short __RPC_FAR *piError);
/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamPortPutMapAddrToCab )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iAddress,
    /* [in] */ int iCabAddress,
    /* [retval][out] */ short __RPC_FAR *piError);
/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamPortGetMapCabAddr )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iAddress,
    /* [retval][out] */ int __RPC_FAR *pCabAddress);
/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamPortGetMaxLogPorts )(
    IEngComIfc __RPC_FAR * This,
    /* [retval][out] */ int __RPC_FAR *lpMaxLogicalPorts);

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```

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamPortGetMaxPhysical )(
    IEngComIfc __RPC_FAR * This,
    /* [retval][out] */ int __RPC_FAR *pMaxPhysical);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamCmdCommand
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR *KamCmdConnect
)(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamCmdDisconnect )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamDecoderGetMaxModels )(
    IEngComIfc __RPC_FAR * This,
    /* [retval][out] */ int __RPC_FAR *piMaxModels);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamDecoderGetModelName )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iModel,
    /* [retval][out] */ BSTR __RPC_FAR *pbsModelName);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamDecoderSetModelToAddr )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iModel,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamDecoderGetMaxAddress )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iModel,
    /* [retval][out] */ int __RPC_FAR *piMaxAddress);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamDecoderChangeOldNewAddr )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iOldAddr,
    /* [in] */ int iNewAddr,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamDecoderMovePort )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iLogPort,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamDecoderCheckAddrInUse )(

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```

IEngComIfc __RPC_FAR * This,
/* [in] */ int iDCCAddress,
/* [retval][out] */ short __RPC_FAR *pResult);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamDecoderGetMaxSpeed )(
IEngComIfc __RPC_FAR * This,
/* [in] */ int iDCCAddress,
/* [retval][out] */ short __RPC_FAR *pResult);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamCabPutMessage )(
IEngComIfc __RPC_FAR * This,
/* [in] */ int iAddress,
/* [in] */ BSTR __RPC_FAR *pbsMsg,
/* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamCabGetMessage )(
IEngComIfc __RPC_FAR * This,
/* [in] */ int iAddress,
/* [retval][out] */ BSTR __RPC_FAR *pbsMsg);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamCabPutAddress )(
IEngComIfc __RPC_FAR * This,
/* [in] */ int iAddress,
/* [in] */ int iCabAddress,
/* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamCabGetAddress )(
IEngComIfc __RPC_FAR * This,
/* [in] */ int iAddress,
/* [retval][out] */ int __RPC_FAR *pCabAddress);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamMiscGetErrorMsg )(
IEngComIfc __RPC_FAR * This,
/* [in] */ int iError,
/* [retval][out] */ BSTR __RPC_FAR *pbsErrorString);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamMiscGetClockTime )(
IEngComIfc __RPC_FAR * This,
/* [out] */ int __RPC_FAR *lpHours,
/* [out] */ int __RPC_FAR *lpMinutes,
/* [out] */ int __RPC_FAR *lpRatio,
/* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamMiscPutClockTime )(
IEngComIfc __RPC_FAR * This,
/* [in] */ int iHours,
/* [in] */ int iMinutes,
/* [in] */ int iRatio,
/* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamMiscGetInterfaceVersion )(
IEngComIfc __RPC_FAR * This,
/* [retval][out] */ BSTR __RPC_FAR *pbsInterfaceVersion);

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/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamMiscSaveData )(
    IEngComIfc __RPC_FAR * This,
    /* [retval][out] */ short __RPC_FAR *piError);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamMiscGetControllerName )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iController,
    /* [retval][out] */ BSTR __RPC_FAR *pbsName);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*KamMiscMaxControllerID )(
    IEngComIfc __RPC_FAR * This,
    /* [retval][out] */ short __RPC_FAR *pMaxControllerID);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*_KamMiscGetSnKey )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iKey,
    /* [retval][out] */ int __RPC_FAR *pSnKey);

/* [helpstring][id] */ HRESULT ( STDMETHODCALLTYPE __RPC_FAR
*_KamMiscSetSnKey )(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iKey,
    /* [in] */ int iSnKey,
    /* [retval][out] */ short __RPC_FAR *pResult);

    END_INTERFACE
} IEngComIfcVtbl;

interface IEngComIfc
{
    CONST_VTBL struct IEngComIfcVtbl __RPC_FAR *lpVtbl;
};

```

```
#ifdef COBJMACROS
```

```
#define IEngComIfc_QueryInterface(This,riid,ppvObject) \
    (This)->lpVtbl -> QueryInterface(This,riid,ppvObject)
```

```
#define IEngComIfc_AddRef(This) \
    (This)->lpVtbl -> AddRef(This)
```

```
#define IEngComIfc_Release(This) \
    (This)->lpVtbl -> Release(This)
```

```
#define IEngComIfc_GetTypeInfoCount(This,pctinfo) \
    (This)->lpVtbl -> GetTypeInfoCount(This,pctinfo)
```

```
#define IEngComIfc_GetTypeInfo(This, iTInfo, lcid, ppTInfo) \
    (This)->lpVtbl -> GetTypeInfo(This, iTInfo, lcid, ppTInfo)
```

```
#define IEngComIfc_GetIDsOfNames(This, riid, rgpszNames, cNames, lcid, rgDispId) \
    (This)->lpVtbl -> GetIDsOfNames(This, riid, rgpszNames, cNames, lcid, rgDispId)
```

```
#define IEngComIfc_Invoke(This, dispIdMember, riid, lcid, wFlags, pDispParams, pVarResult, pExcepIn
```

## EngInterface.h

```
fo,puArgErr) \
    (This)->lpVtbl ->
Invoke(This,dispIdMember,riid,lcid,wFlags,pDispParams,pVarResult,pExcepInfo,puArgErr
)

#define IEngComIfc_KamCVGetValue(This,iDCCAddr,iCVReg,pCVValue,piError) \
    (This)->lpVtbl -> KamCVGetValue(This,iDCCAddr,iCVReg,pCVValue,piError)

#define
IEngComIfc_KamCVGetValueAll(This,iDCCAddr,iCVRegStart,iCVRegEnd,iCVValueArray,piError) \
    (This)->lpVtbl ->
KamCVGetValueAll(This,iDCCAddr,iCVRegStart,iCVRegEnd,iCVValueArray,piError)

#define IEngComIfc_KamCVPutValue(This,iDCCAddr,iCVReg,iCVValue,piError) \
    (This)->lpVtbl -> KamCVPutValue(This,iDCCAddr,iCVReg,iCVValue,piError)

#define
IEngComIfc_KamCVPutValueAll(This,iDCCAddr,iCVRegStart,iCVRegEnd,iCVValueArray,piError) \
    (This)->lpVtbl ->
KamCVPutValueAll(This,iDCCAddr,iCVRegStart,iCVRegEnd,iCVValueArray,piError)

#define IEngComIfc_KamCVGetEnable(This,iDCCAddr,iCVReg,pEnable,piError) \
    (This)->lpVtbl -> KamCVGetEnable(This,iDCCAddr,iCVReg,pEnable,piError)

#define
IEngComIfc_KamCVGetEnableAll(This,iDCCAddr,iCVRegStart,iCVRegEnd,iCVEnableArray,piError) \
    (This)->lpVtbl ->
KamCVGetEnableAll(This,iDCCAddr,iCVRegStart,iCVRegEnd,iCVEnableArray,piError)

#define IEngComIfc_KamCVPutEnable(This,iDCCAddr,iCVReg,iEnable,piError) \
    (This)->lpVtbl -> KamCVPutEnable(This,iDCCAddr,iCVReg,iEnable,piError)

#define
IEngComIfc_KamCVPutEnableAll(This,iDCCAddr,iCVRegStart,iCVRegEnd,iCVEnableArray,piError) \
    (This)->lpVtbl ->
KamCVPutEnableAll(This,iDCCAddr,iCVRegStart,iCVRegEnd,iCVEnableArray,piError)

#define IEngComIfc_KamCVGetName(This,iCV,pbsCVNameString) \
    (This)->lpVtbl -> KamCVGetName(This,iCV,pbsCVNameString)

#define IEngComIfc_KamCVGetMaxRegister(This,iDCCAddr,lpMaxRegister) \
    (This)->lpVtbl -> KamCVGetMaxRegister(This,iDCCAddr,lpMaxRegister)

#define IEngComIfc_KamCVGetMinRegister(This,iDCCAddr,lpMinRegister) \
    (This)->lpVtbl -> KamCVGetMinRegister(This,iDCCAddr,lpMinRegister)

#define IEngComIfc_KamEngGetSpeed(This,iDCCAddr,lpSpeed,lpDirection,piError) \
    (This)->lpVtbl -> KamEngGetSpeed(This,iDCCAddr,lpSpeed,lpDirection,piError)

#define IEngComIfc_KamEngPutSpeed(This,iDCCAddr,iSpeed,iDirection,piError) \
    (This)->lpVtbl -> KamEngPutSpeed(This,iDCCAddr,iSpeed,iDirection,piError)

#define IEngComIfc_KamEngGetFunction(This,iDCCAddr,iFunctionID,lpFunction,piError) \
    (This)->lpVtbl ->
KamEngGetFunction(This,iDCCAddr,iFunctionID,lpFunction,piError)

#define IEngComIfc_KamEngPutFunction(This,iDCCAddr,iFunctionID,iFunction,piError)
```

## EngInterface.h

```
\
(This)->lpVtbl -> KamEngPutFunction(This,iDCCAddr,iFunctionID,iFunction,piError)
#define IEngComIfc_KamEngGetFunctionAll(This,iDCCAddr,iFunction,piError) \
    (This)->lpVtbl -> KamEngGetFunctionAll(This,iDCCAddr,iFunction,piError)
#define IEngComIfc_KamEngPutFunctionAll(This,iDCCAddr,iFunction,piError) \
    (This)->lpVtbl -> KamEngPutFunctionAll(This,iDCCAddr,iFunction,piError)
#define IEngComIfc_KamEngGetFunctionMax(This,iDCCAddr,lpMaxFunction) \
    (This)->lpVtbl -> KamEngGetFunctionMax(This,iDCCAddr,lpMaxFunction)
#define IEngComIfc_KamEngGetName(This,iDCCAddr,pbsEngName) \
    (This)->lpVtbl -> KamEngGetName(This,iDCCAddr,pbsEngName)
#define IEngComIfc_KamEngPutName(This,iDCCAddr,bsEngName,piError) \
    (This)->lpVtbl -> KamEngPutName(This,iDCCAddr,bsEngName,piError)
#define IEngComIfc_KamEngGetFunctionName(This,iDCCAddr,iFunctionID,pbsFcnNameString) \
    (This)->lpVtbl ->
KamEngGetFunctionName(This,iDCCAddr,iFunctionID,pbsFcnNameString)
#define
IEngComIfc_KamEngPutFunctionName(This,iDCCAddr,iFunctionID,bsFcnNameString,piError) \
    (This)->lpVtbl ->
KamEngPutFunctionName(This,iDCCAddr,iFunctionID,bsFcnNameString,piError)
#define IEngComIfc_KamEngGetSpeedSteps(This,iDCCAddr,lpSpeedSteps,piError) \
    (This)->lpVtbl -> KamEngGetSpeedSteps(This,iDCCAddr,lpSpeedSteps,piError)
#define IEngComIfc_KamEngPutSpeedSteps(This,iDCCAddr,lpSpeedSteps,piError) \
    (This)->lpVtbl -> KamEngPutSpeedSteps(This,iDCCAddr,lpSpeedSteps,piError)
#define IEngComIfc_KamEngPutAdd(This,iDCCAddr,iLogicalPortID,piError) \
    (This)->lpVtbl -> KamEngPutAdd(This,iDCCAddr,iLogicalPortID,piError)
#define IEngComIfc_KamEngPutDel(This,iDCCAddr,piError) \
    (This)->lpVtbl -> KamEngPutDel(This,iDCCAddr,piError)
#define IEngComIfc_KamAccGetFunction(This,iDCCAddr,iFunctionID,lpFunction,piError) \
    (This)->lpVtbl ->
KamAccGetFunction(This,iDCCAddr,iFunctionID,lpFunction,piError)
#define IEngComIfc_KamAccPutFunction(This,iDCCAddr,iFunctionID,iFunction,piError) \
    (This)->lpVtbl -> KamAccPutFunction(This,iDCCAddr,iFunctionID,iFunction,piError)
#define IEngComIfc_KamAccGetFunctionAll(This,iDCCAddr,iFunction,piError) \
    (This)->lpVtbl -> KamAccGetFunctionAll(This,iDCCAddr,iFunction,piError)
#define IEngComIfc_KamAccPutFunctionAll(This,iDCCAddr,iFunction,piError) \
    (This)->lpVtbl -> KamAccPutFunctionAll(This,iDCCAddr,iFunction,piError)
#define IEngComIfc_KamAccGetFunctionMax(This,iDCCAddr,lpMaxFunction) \
    (This)->lpVtbl -> KamAccGetFunctionMax(This,iDCCAddr,lpMaxFunction)
#define IEngComIfc_KamAccGetName(This,iDCCAddr,pbsAccNameString) \
    (This)->lpVtbl -> KamAccGetName(This,iDCCAddr,pbsAccNameString)
#define IEngComIfc_KamAccPutName(This,iDCCAddr,bsAccNameString,piError) \
```

## EngInterface.h

```
(This)->lpVtbl -> KamAccPutName(This, iDCCAddr, bsAccNameString, piError)
#define IEngComIfc_KamAccGetFunctionName(This, iDCCAddr, iFunctionID, pbsFcnNameString)
\
    (This)->lpVtbl ->
KamAccGetFunctionName(This, iDCCAddr, iFunctionID, pbsFcnNameString)
#define
IEngComIfc_KamAccPutFunctionName(This, iDCCAddr, iFunctionID, bsFcnNameString, piError)
\
    (This)->lpVtbl ->
KamAccPutFunctionName(This, iDCCAddr, iFunctionID, bsFcnNameString, piError)
#define IEngComIfc_KamAccPutAdd(This, iDCCAddr, iLogicalPortID, piError) \
    (This)->lpVtbl -> KamAccPutAdd(This, iDCCAddr, iLogicalPortID, piError)
#define IEngComIfc_KamAccPutDel(This, iDCCAddr, piError) \
    (This)->lpVtbl -> KamAccPutDel(This, iDCCAddr, piError)
#define IEngComIfc_KamOprPutTurnOnStation(This, iLogicalPortID, piError) \
    (This)->lpVtbl -> KamOprPutTurnOnStation(This, iLogicalPortID, piError)
#define IEngComIfc_KamOprPutStartStation(This, iLogicalPortID, piError) \
    (This)->lpVtbl -> KamOprPutStartStation(This, iLogicalPortID, piError)
#define IEngComIfc_KamOprPutClearStation(This, iLogicalPortID, piError) \
    (This)->lpVtbl -> KamOprPutClearStation(This, iLogicalPortID, piError)
#define IEngComIfc_KamOprPutStopStation(This, iLogicalPortID, piError) \
    (This)->lpVtbl -> KamOprPutStopStation(This, iLogicalPortID, piError)
#define IEngComIfc_KamOprPutPowerOn(This, iLogicalPortID, piError) \
    (This)->lpVtbl -> KamOprPutPowerOn(This, iLogicalPortID, piError)
#define IEngComIfc_KamOprPutPowerOff(This, iLogicalPortID, piError) \
    (This)->lpVtbl -> KamOprPutPowerOff(This, iLogicalPortID, piError)
#define IEngComIfc_KamOprPutHardReset(This, iLogicalPortID, piError) \
    (This)->lpVtbl -> KamOprPutHardReset(This, iLogicalPortID, piError)
#define IEngComIfc_KamOprPutEmergencyStop(This, iLogicalPortID, piError) \
    (This)->lpVtbl -> KamOprPutEmergencyStop(This, iLogicalPortID, piError)
#define IEngComIfc_KamOprGetStationStatus(This, iLogicalPortID, pbsStationStatus) \
    (This)->lpVtbl -> KamOprGetStationStatus(This, iLogicalPortID, pbsStationStatus)
#define IEngComIfc_KamProgramCV(This, iDCCAddr, iCVReg, piError) \
    (This)->lpVtbl -> KamProgramCV(This, iDCCAddr, iCVReg, piError)
#define IEngComIfc_KamProgramReadDecoderToDataBase(This, iDCCAddr, piError) \
    (This)->lpVtbl -> KamProgramReadDecoderToDataBase(This, iDCCAddr, piError)
#define IEngComIfc_KamProgramDecoderFromDataBase(This, iDCCAddr, piError) \
    (This)->lpVtbl -> KamProgramDecoderFromDataBase(This, iDCCAddr, piError)
#define IEngComIfc_KamPortPutRetrans(This, iLogicalPortID, iValue, piError) \
    (This)->lpVtbl -> KamPortPutRetrans(This, iLogicalPortID, iValue, piError)
#define IEngComIfc_KamPortPutRate(This, iLogicalPortID, iValue, piError) \
    (This)->lpVtbl -> KamPortPutRate(This, iLogicalPortID, iValue, piError)
#define IEngComIfc_KamPortPutParity(This, iLogicalPortID, iValue, piError) \
    (This)->lpVtbl -> KamPortPutParity(This, iLogicalPortID, iValue, piError)
```

## EngInterface.h

```
#define IEngComIfc_KamPortPutStop(This,iLogicalPortID,iValue,piError) \
    (This)->lpVtbl -> KamPortPutStop(This,iLogicalPortID,iValue,piError)

#define IEngComIfc_KamPortPutWatchdog(This,iLogicalPortID,iValue,piError) \
    (This)->lpVtbl -> KamPortPutWatchdog(This,iLogicalPortID,iValue,piError)

#define IEngComIfc_KamPortPutFlow(This,iLogicalPortID,iValue,piError) \
    (This)->lpVtbl -> KamPortPutFlow(This,iLogicalPortID,iValue,piError)

#define IEngComIfc_KamPortPutData(This,iLogicalPortID,iValue,piError) \
    (This)->lpVtbl -> KamPortPutData(This,iLogicalPortID,iValue,piError)

#define IEngComIfc_KamPortGetName(This,iPhysicalPortID,pbsPortName) \
    (This)->lpVtbl -> KamPortGetName(This,iPhysicalPortID,pbsPortName)

#define IEngComIfc_KamPortPutDebug(This,iLogicalPortID,iMode,iKey,piError) \
    (This)->lpVtbl -> KamPortPutDebug(This,iLogicalPortID,iMode,iKey,piError)

#define
IEngComIfc_KamPortPutMapController(This,iLogicalPortID,iControllerID,iComPortID,piError) \
    (This)->lpVtbl ->
KamPortPutMapController(This,iLogicalPortID,iControllerID,iComPortID,piError)

#define IEngComIfc_KamPortPutMapAddrToCab(This,iAddress,iCabAddress,piError) \
    (This)->lpVtbl -> KamPortPutMapAddrToCab(This,iAddress,iCabAddress,piError)

#define IEngComIfc_KamPortGetMapCabAddr(This,iAddress,pCabAddress) \
    (This)->lpVtbl -> KamPortGetMapCabAddr(This,iAddress,pCabAddress)

#define IEngComIfc_KamPortGetMaxLogPorts(This,lpMaxLogicalPorts) \
    (This)->lpVtbl -> KamPortGetMaxLogPorts(This,lpMaxLogicalPorts)

#define IEngComIfc_KamPortGetMaxPhysical(This,pMaxPhysical) \
    (This)->lpVtbl -> KamPortGetMaxPhysical(This,pMaxPhysical)

#define IEngComIfc_KamCmdCommand(This,iDCCAddr,piError) \
    (This)->lpVtbl -> KamCmdCommand(This,iDCCAddr,piError)

#define IEngComIfc_KamCmdConnect(This,iLogicalPortID,piError) \
    (This)->lpVtbl -> KamCmdConnect(This,iLogicalPortID,piError)

#define IEngComIfc_KamCmdDisconnect(This,iLogicalPortID,piError) \
    (This)->lpVtbl -> KamCmdDisconnect(This,iLogicalPortID,piError)

#define IEngComIfc_KamDecoderGetMaxModels(This,piMaxModels) \
    (This)->lpVtbl -> KamDecoderGetMaxModels(This,piMaxModels)

#define IEngComIfc_KamDecoderGetModelName(This,iModel,pbsModelName) \
    (This)->lpVtbl -> KamDecoderGetModelName(This,iModel,pbsModelName)

#define IEngComIfc_KamDecoderSetModelToAddr(This,iModel,iDCCAddr,piError) \
    (This)->lpVtbl -> KamDecoderSetModelToAddr(This,iModel,iDCCAddr,piError)

#define IEngComIfc_KamDecoderGetMaxAddress(This,iModel,piMaxAddress) \
    (This)->lpVtbl -> KamDecoderGetMaxAddress(This,iModel,piMaxAddress)

#define IEngComIfc_KamDecoderChangeOldNewAddr(This,iOldAddr,iNewAddr,piError) \
    (This)->lpVtbl -> KamDecoderChangeOldNewAddr(This,iOldAddr,iNewAddr,piError)

#define IEngComIfc_KamDecoderMovePort(This,iDCCAddr,iLogPort,piError) \
    (This)->lpVtbl -> KamDecoderMovePort(This,iDCCAddr,iLogPort,piError)
```

## EngInterface.h

```
#define IEngComIfc_KamDecoderCheckAddrInUse(This, iDCCAddress, pResult) \
    (This)->lpVtbl -> KamDecoderCheckAddrInUse(This, iDCCAddress, pResult)
#define IEngComIfc_KamDecoderGetMaxSpeed(This, iDCCAddress, pResult) \
    (This)->lpVtbl -> KamDecoderGetMaxSpeed(This, iDCCAddress, pResult)
#define IEngComIfc_KamCabPutMessage(This, iAddress, pbsMsg, piError) \
    (This)->lpVtbl -> KamCabPutMessage(This, iAddress, pbsMsg, piError)
#define IEngComIfc_KamCabGetMessage(This, iAddress, pbsMsg) \
    (This)->lpVtbl -> KamCabGetMessage(This, iAddress, pbsMsg)
#define IEngComIfc_KamCabPutAddress(This, iAddress, iCabAddress, piError) \
    (This)->lpVtbl -> KamCabPutAddress(This, iAddress, iCabAddress, piError)
#define IEngComIfc_KamCabGetAddress(This, iAddress, pCabAddress) \
    (This)->lpVtbl -> KamCabGetAddress(This, iAddress, pCabAddress)
#define IEngComIfc_KamMiscGetErrorMsg(This, iError, pbsErrorString) \
    (This)->lpVtbl -> KamMiscGetErrorMsg(This, iError, pbsErrorString)
#define IEngComIfc_KamMiscGetClockTime(This, lpHours, lpMinutes, lpRatio, piError) \
    (This)->lpVtbl -> KamMiscGetClockTime(This, lpHours, lpMinutes, lpRatio, piError)
#define IEngComIfc_KamMiscPutClockTime(This, iHours, iMinutes, iRatio, piError) \
    (This)->lpVtbl -> KamMiscPutClockTime(This, iHours, iMinutes, iRatio, piError)
#define IEngComIfc_KamMiscGetInterfaceVersion(This, pbsInterfaceVersion) \
    (This)->lpVtbl -> KamMiscGetInterfaceVersion(This, pbsInterfaceVersion)
#define IEngComIfc_KamMiscSaveData(This, piError) \
    (This)->lpVtbl -> KamMiscSaveData(This, piError)
#define IEngComIfc_KamMiscGetControllerName(This, iController, pbsName) \
    (This)->lpVtbl -> KamMiscGetControllerName(This, iController, pbsName)
#define IEngComIfc_KamMiscMaxControllerID(This, pMaxControllerID) \
    (This)->lpVtbl -> KamMiscMaxControllerID(This, pMaxControllerID)
#define IEngComIfc_KamMiscGetSnKey(This, iKey, pSnKey) \
    (This)->lpVtbl -> _KamMiscGetSnKey(This, iKey, pSnKey)
#define IEngComIfc_KamMiscSetSnKey(This, iKey, iSnKey, pResult) \
    (This)->lpVtbl -> _KamMiscSetSnKey(This, iKey, iSnKey, pResult)

#endif /* COBJMACROS */

#endif /* C style interface */

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamCVGetValue_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iCVReg,
    /* [out] */ int __RPC_FAR *pCVValue,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamCVGetValue_Stub(
    IRpcStubBuffer *This,
```

## EngInterface.h

```
IRpcChannelBuffer *_pRpcChannelBuffer,
PRPC_MESSAGE _pRpcMessage,
DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamCVGetValueAll_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iCVRegStart,
    /* [in] */ int iCVRegEnd,
    /* [last_is][first_is][out][in] */ int __RPC_FAR iCVValueArray[ 1024 ],
    /* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamCVGetValueAll_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamCVPutValue_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iCVReg,
    /* [in] */ int iCVValue,
    /* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamCVPutValue_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamCVPutValueAll_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iCVRegStart,
    /* [in] */ int iCVRegEnd,
    /* [last_is][first_is][in] */ int __RPC_FAR iCVValueArray[ 1024 ],
    /* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamCVPutValueAll_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamCVGetEnable_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iCVReg,
    /* [out] */ int __RPC_FAR *pEnable,
    /* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamCVGetEnable_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
```

## EngInterface.h

```
PRPC_MESSAGE _pRpcMessage,  
DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamCVGetEnableAll_Proxy(  
  
IEngComIfc __RPC_FAR * This,  
/* [in] */ int iDCCAddr,  
/* [in] */ int iCVRegStart,  
/* [in] */ int iCVRegEnd,  
/* [last_is][first_is][out][in] */ int __RPC_FAR iCVEnableArray[ 1024 ],  
/* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamCVGetEnableAll_Stub(  
IRpcStubBuffer *This,  
IRpcChannelBuffer *_pRpcChannelBuffer,  
PRPC_MESSAGE _pRpcMessage,  
DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamCVPutEnable_Proxy(  
IEngComIfc __RPC_FAR * This,  
/* [in] */ int iDCCAddr,  
/* [in] */ int iCVReg,  
/* [in] */ int iEnable,  
/* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamCVPutEnable_Stub(  
IRpcStubBuffer *This,  
IRpcChannelBuffer *_pRpcChannelBuffer,  
PRPC_MESSAGE _pRpcMessage,  
DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamCVPutEnableAll_Proxy(  
IEngComIfc __RPC_FAR * This,  
/* [in] */ int iDCCAddr,  
/* [in] */ int iCVRegStart,  
/* [in] */ int iCVRegEnd,  
/* [last_is][first_is][in] */ int __RPC_FAR iCVEnableArray[ 1024 ],  
/* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamCVPutEnableAll_Stub(  
IRpcStubBuffer *This,  
IRpcChannelBuffer *_pRpcChannelBuffer,  
PRPC_MESSAGE _pRpcMessage,  
DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamCVGetName_Proxy(  
IEngComIfc __RPC_FAR * This,  
/* [in] */ int iCV,  
/* [retval][out] */ BSTR __RPC_FAR *pbsCVNameString);
```

```
void __RPC_STUB IEngComIfc_KamCVGetName_Stub(  
IRpcStubBuffer *This,  
IRpcChannelBuffer *_pRpcChannelBuffer,  
PRPC_MESSAGE _pRpcMessage,
```

## EngInterface.h

```
DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamCVGetMaxRegister_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ int __RPC_FAR *lpMaxRegister);
```

```
void __RPC_STUB IEngComIfc_KamCVGetMaxRegister_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamCVGetMinRegister_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ int __RPC_FAR *lpMinRegister);
```

```
void __RPC_STUB IEngComIfc_KamCVGetMinRegister_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamEngGetSpeed_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [out][in] */ int __RPC_FAR *lpSpeed,
    /* [out][in] */ int __RPC_FAR *lpDirection,
    /* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamEngGetSpeed_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamEngPutSpeed_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iSpeed,
    /* [in] */ int iDirection,
    /* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamEngPutSpeed_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamEngGetFunction_Proxy(
```

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```

IEngComIfc __RPC_FAR * This,
/* [in] */ int iDCCAddr,
/* [in] */ int iFunctionID,
/* [out][in] */ int __RPC_FAR *lpFunction,
/* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamEngGetFunction_Stub(
IRpcStubBuffer *This,
IRpcChannelBuffer *_pRpcChannelBuffer,
PRPC_MESSAGE _pRpcMessage,
DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamEngPutFunction_Proxy(
IEngComIfc __RPC_FAR * This,
/* [in] */ int iDCCAddr,
/* [in] */ int iFunctionID,
/* [in] */ int iFunction,
/* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamEngPutFunction_Stub(
IRpcStubBuffer *This,
IRpcChannelBuffer *_pRpcChannelBuffer,
PRPC_MESSAGE _pRpcMessage,
DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamEngGetFunctionAll_Proxy(
IEngComIfc __RPC_FAR * This,
/* [in] */ int iDCCAddr,
/* [out][in] */ int __RPC_FAR iFunction[ 16 ],
/* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamEngGetFunctionAll_Stub(
IRpcStubBuffer *This,
IRpcChannelBuffer *_pRpcChannelBuffer,
PRPC_MESSAGE _pRpcMessage,
DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamEngPutFunctionAll_Proxy(
IEngComIfc __RPC_FAR * This,
/* [in] */ int iDCCAddr,
/* [in] */ int __RPC_FAR iFunction[ 16 ],
/* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamEngPutFunctionAll_Stub(
IRpcStubBuffer *This,
IRpcChannelBuffer *_pRpcChannelBuffer,
PRPC_MESSAGE _pRpcMessage,
DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamEngGetFunctionMax_Proxy(
IEngComIfc __RPC_FAR * This,

```

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```
/* [in] */ int iDCCAddr,  
/* [retval][out] */ int __RPC_FAR *lpMaxFunction);
```

```
void __RPC_STUB IEngComIfc_KamEngGetFunctionMax_Stub(  
IRpcStubBuffer *This,  
IRpcChannelBuffer *_pRpcChannelBuffer,  
PRPC_MESSAGE _pRpcMessage,  
DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamEngGetName_Proxy(  
IEngComIfc __RPC_FAR * This,  
/* [in] */ int iDCCAddr,  
/* [retval][out] */ BSTR __RPC_FAR *pbsEngName);
```

```
void __RPC_STUB IEngComIfc_KamEngGetName_Stub(  
IRpcStubBuffer *This,  
IRpcChannelBuffer *_pRpcChannelBuffer,  
PRPC_MESSAGE _pRpcMessage,  
DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamEngPutName_Proxy(  
IEngComIfc __RPC_FAR * This,  
/* [in] */ int iDCCAddr,  
/* [in] */ BSTR bsEngName,  
/* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamEngPutName_Stub(  
IRpcStubBuffer *This,  
IRpcChannelBuffer *_pRpcChannelBuffer,  
PRPC_MESSAGE _pRpcMessage,  
DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE  
IEngComIfc_KamEngGetFunctionName_Proxy(  
IEngComIfc __RPC_FAR * This,  
/* [in] */ int iDCCAddr,  
/* [in] */ int iFunctionID,  
/* [retval][out] */ BSTR __RPC_FAR *pbsFcnNameString);
```

```
void __RPC_STUB IEngComIfc_KamEngGetFunctionName_Stub(  
IRpcStubBuffer *This,  
IRpcChannelBuffer *_pRpcChannelBuffer,  
PRPC_MESSAGE _pRpcMessage,  
DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE  
IEngComIfc_KamEngPutFunctionName_Proxy(  
IEngComIfc __RPC_FAR * This,  
/* [in] */ int iDCCAddr,  
/* [in] */ int iFunctionID,  
/* [in] */ BSTR bsFcnNameString,  
/* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamEngPutFunctionName_Stub(  
IRpcStubBuffer *This,  
IRpcChannelBuffer *_pRpcChannelBuffer,  
PRPC_MESSAGE _pRpcMessage,  
DWORD *_pdwStubPhase);
```

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```
IRpcStubBuffer *This,
IRpcChannelBuffer *_pRpcChannelBuffer,
PRPC_MESSAGE _pRpcMessage,
DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamEngGetSpeedSteps_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [out][in] */ int __RPC_FAR *lpSpeedSteps,
    /* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamEngGetSpeedSteps_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamEngPutSpeedSteps_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iSpeedSteps,
    /* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamEngPutSpeedSteps_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamEngPutAdd_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamEngPutAdd_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamEngPutDel_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamEngPutDel_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);
```

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```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamAccGetFunction_Proxy(
```

```
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iFunctionID,
    /* [out][in] */ int __RPC_FAR *lpFunction,
    /* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamAccGetFunction_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamAccPutFunction_Proxy(
```

```
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iFunctionID,
    /* [in] */ int iFunction,
    /* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamAccPutFunction_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamAccGetFunctionAll_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [out][in] */ int __RPC_FAR iFunction[ 32 ],
    /* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamAccGetFunctionAll_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamAccPutFunctionAll_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int __RPC_FAR iFunction[ 32 ],
    /* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamAccPutFunctionAll_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
```

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```

IEngComIfc_KamAccGetFunctionMax_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ int __RPC_FAR *lpMaxFunction);

void __RPC_STUB IEngComIfc_KamAccGetFunctionMax_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamAccGetName_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ BSTR __RPC_FAR *pbsAccNameString);

void __RPC_STUB IEngComIfc_KamAccGetName_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamAccPutName_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ BSTR bsAccNameString,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamAccPutName_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamAccGetFunctionName_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iFunctionID,
    /* [retval][out] */ BSTR __RPC_FAR *pbsFcnNameString);

void __RPC_STUB IEngComIfc_KamAccGetFunctionName_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamAccPutFunctionName_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iFunctionID,
    /* [in] */ BSTR bsFcnNameString,
    /* [retval][out] */ short __RPC_FAR *piError);

```

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```
void __RPC_STUB IEngComIfc_KamAccPutFunctionName_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamAccPutAdd_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamAccPutAdd_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamAccPutDel_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamAccPutDel_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamOprPutTurnOnStation_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamOprPutTurnOnStation_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamOprPutStartStation_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamOprPutStartStation_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);
```

```

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/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamOprPutClearStation_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamOprPutClearStation_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamOprPutStopStation_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamOprPutStopStation_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamOprPutPowerOn_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamOprPutPowerOn_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamOprPutPowerOff_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamOprPutPowerOff_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamOprPutHardReset_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamOprPutHardReset_Stub(

```

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```
IRpcStubBuffer *This,  
IRpcChannelBuffer *_pRpcChannelBuffer,  
PRPC_MESSAGE _pRpcMessage,  
DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE  
IEngComIfc_KamOprPutEmergencyStop_Proxy(  
    IEngComIfc __RPC_FAR * This,  
    /* [in] */ int iLogicalPortID,  
    /* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamOprPutEmergencyStop_Stub(  
    IRpcStubBuffer *This,  
    IRpcChannelBuffer *_pRpcChannelBuffer,  
    PRPC_MESSAGE _pRpcMessage,  
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE  
IEngComIfc_KamOprGetStationStatus_Proxy(  
    IEngComIfc __RPC_FAR * This,  
    /* [in] */ int iLogicalPortID,  
    /* [retval][out] */ BSTR __RPC_FAR *pbsStationStatus);
```

```
void __RPC_STUB IEngComIfc_KamOprGetStationStatus_Stub(  
    IRpcStubBuffer *This,  
    IRpcChannelBuffer *_pRpcChannelBuffer,  
    PRPC_MESSAGE _pRpcMessage,  
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamProgramCV_Proxy(  
    IEngComIfc __RPC_FAR * This,  
    /* [in] */ int iDCCAddr,  
    /* [in] */ int iCVReg,  
    /* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamProgramCV_Stub(  
    IRpcStubBuffer *This,  
    IRpcChannelBuffer *_pRpcChannelBuffer,  
    PRPC_MESSAGE _pRpcMessage,  
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE  
IEngComIfc_KamProgramReadDecoderToDataBase_Proxy(  
    IEngComIfc __RPC_FAR * This,  
    /* [in] */ int iDCCAddr,  
    /* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamProgramReadDecoderToDataBase_Stub(  
    IRpcStubBuffer *This,  
    IRpcChannelBuffer *_pRpcChannelBuffer,  
    PRPC_MESSAGE _pRpcMessage,  
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
```

```

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IEngComIfc_KamProgramDecoderFromDataBase_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamProgramDecoderFromDataBase_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamPortPutRetrans_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [in] */ int iValue,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamPortPutRetrans_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamPortPutRate_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [in] */ int iValue,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamPortPutRate_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamPortPutParity_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [in] */ int iValue,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamPortPutParity_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamPortPutStop_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [in] */ int iValue,
    /* [retval][out] */ short __RPC_FAR *piError);

```

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```

void __RPC_STUB IEngComIfc_KamPortPutStop_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamPortPutWatchdog_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [in] */ int iValue,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamPortPutWatchdog_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamPortPutFlow_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [in] */ int iValue,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamPortPutFlow_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamPortPutData_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [in] */ int iValue,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamPortPutData_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamPortGetName_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iPhysicalPortID,
    /* [retval][out] */ BSTR __RPC_FAR *pbsPortName);

void __RPC_STUB IEngComIfc_KamPortGetName_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

```

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```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamPortPutDebug_Proxy(  
    IEngComIfc __RPC_FAR * This,  
    /* [in] */ int iLogicalPortID,  
    /* [in] */ int iMode,  
    /* [in] */ int iKey,  
    /* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamPortPutDebug_Stub(  
    IRpcStubBuffer *This,  
    IRpcChannelBuffer *_pRpcChannelBuffer,  
    PRPC_MESSAGE _pRpcMessage,  
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE  
IEngComIfc_KamPortPutMapController_Proxy(  
    IEngComIfc __RPC_FAR * This,  
    /* [in] */ int iLogicalPortID,  
    /* [in] */ int iControllerID,  
    /* [in] */ int iComPortID,  
    /* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamPortPutMapController_Stub(  
    IRpcStubBuffer *This,  
    IRpcChannelBuffer *_pRpcChannelBuffer,  
    PRPC_MESSAGE _pRpcMessage,  
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE  
IEngComIfc_KamPortPutMapAddrToCab_Proxy(  
    IEngComIfc __RPC_FAR * This,  
    /* [in] */ int iAddress,  
    /* [in] */ int iCabAddress,  
    /* [retval][out] */ short __RPC_FAR *piError);
```

```
void __RPC_STUB IEngComIfc_KamPortPutMapAddrToCab_Stub(  
    IRpcStubBuffer *This,  
    IRpcChannelBuffer *_pRpcChannelBuffer,  
    PRPC_MESSAGE _pRpcMessage,  
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE  
IEngComIfc_KamPortGetMapCabAddr_Proxy(  
    IEngComIfc __RPC_FAR * This,  
    /* [in] */ int iAddress,  
    /* [retval][out] */ int __RPC_FAR *pCabAddress);
```

```
void __RPC_STUB IEngComIfc_KamPortGetMapCabAddr_Stub(  
    IRpcStubBuffer *This,  
    IRpcChannelBuffer *_pRpcChannelBuffer,  
    PRPC_MESSAGE _pRpcMessage,  
    DWORD *_pdwStubPhase);
```

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE  
IEngComIfc_KamPortGetMaxLogPorts_Proxy(  
    IEngComIfc __RPC_FAR * This,
```

```

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/* [retval][out] */ int __RPC_FAR *lpMaxLogicalPorts);

void __RPC_STUB IEngComIfc_KamPortGetMaxLogPorts_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamPortGetMaxPhysical_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [retval][out] */ int __RPC_FAR *pMaxPhysical);

void __RPC_STUB IEngComIfc_KamPortGetMaxPhysical_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamCmdCommand_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamCmdCommand_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamCmdConnect_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamCmdConnect_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamCmdDisconnect_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iLogicalPortID,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamCmdDisconnect_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE

```

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```

IEngComIfc_KamDecoderGetMaxModels_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [retval][out] */ int __RPC_FAR *piMaxModels);

void __RPC_STUB IEngComIfc_KamDecoderGetMaxModels_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamDecoderGetModelName_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iModel,
    /* [retval][out] */ BSTR __RPC_FAR *pbsModelName);

void __RPC_STUB IEngComIfc_KamDecoderGetModelName_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamDecoderSetModelToAddr_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iModel,
    /* [in] */ int iDCCAddr,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamDecoderSetModelToAddr_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamDecoderGetMaxAddress_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iModel,
    /* [retval][out] */ int __RPC_FAR *piMaxAddress);

void __RPC_STUB IEngComIfc_KamDecoderGetMaxAddress_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamDecoderChangeOldNewAddr_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iOldAddr,
    /* [in] */ int iNewAddr,
    /* [retval][out] */ short __RPC_FAR *piError);

```

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```

void __RPC_STUB IEngComIfc_KamDecoderChangeOldNewAddr_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamDecoderMovePort_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddr,
    /* [in] */ int iLogPort,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamDecoderMovePort_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamDecoderCheckAddrInUse_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddress,
    /* [retval][out] */ short __RPC_FAR *pResult);

void __RPC_STUB IEngComIfc_KamDecoderCheckAddrInUse_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamDecoderGetMaxSpeed_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iDCCAddress,
    /* [retval][out] */ short __RPC_FAR *pResult);

void __RPC_STUB IEngComIfc_KamDecoderGetMaxSpeed_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamCabPutMessage_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iAddress,
    /* [in] */ BSTR __RPC_FAR *pbsMsg,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamCabPutMessage_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

```

## EngInterface.h

```
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamCabGetMessage_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iAddress,
    /* [retval][out] */ BSTR __RPC_FAR *pbsMsg);

void __RPC_STUB IEngComIfc_KamCabGetMessage_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamCabPutAddress_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iAddress,
    /* [in] */ int iCabAddress,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamCabPutAddress_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamCabGetAddress_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iAddress,
    /* [retval][out] */ int __RPC_FAR *pCabAddress);

void __RPC_STUB IEngComIfc_KamCabGetAddress_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamMiscGetErrorMsg_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iError,
    /* [retval][out] */ BSTR __RPC_FAR *pbsErrorString);

void __RPC_STUB IEngComIfc_KamMiscGetErrorMsg_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamMiscGetClockTime_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [out] */ int __RPC_FAR *lpHours,
    /* [out] */ int __RPC_FAR *lpMinutes,
    /* [out] */ int __RPC_FAR *lpRatio,
    /* [retval][out] */ short __RPC_FAR *piError);
```

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```
void __RPC_STUB IEngComIfc_KamMiscGetClockTime_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamMiscPutClockTime_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iHours,
    /* [in] */ int iMinutes,
    /* [in] */ int iRatio,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamMiscPutClockTime_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamMiscGetInterfaceVersion_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [retval][out] */ BSTR __RPC_FAR *pbsInterfaceVersion);

void __RPC_STUB IEngComIfc_KamMiscGetInterfaceVersion_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc_KamMiscSaveData_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [retval][out] */ short __RPC_FAR *piError);

void __RPC_STUB IEngComIfc_KamMiscSaveData_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamMiscGetControllerName_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iController,
    /* [retval][out] */ BSTR __RPC_FAR *pbsName);

void __RPC_STUB IEngComIfc_KamMiscGetControllerName_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);
```

```

EngInterface.h
/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE
IEngComIfc_KamMiscMaxControllerID_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [retval][out] */ short __RPC_FAR *pMaxControllerID);

void __RPC_STUB IEngComIfc_KamMiscMaxControllerID_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc__KamMiscGetSnKey_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iKey,
    /* [retval][out] */ int __RPC_FAR *pSnKey);

void __RPC_STUB IEngComIfc__KamMiscGetSnKey_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

/* [helpstring][id] */ HRESULT STDMETHODCALLTYPE IEngComIfc__KamMiscSetSnKey_Proxy(
    IEngComIfc __RPC_FAR * This,
    /* [in] */ int iKey,
    /* [in] */ int iSnKey,
    /* [retval][out] */ short __RPC_FAR *pResult);

void __RPC_STUB IEngComIfc__KamMiscSetSnKey_Stub(
    IRpcStubBuffer *This,
    IRpcChannelBuffer *_pRpcChannelBuffer,
    PRPC_MESSAGE _pRpcMessage,
    DWORD *_pdwStubPhase);

#endif /* __IEngComIfc_INTERFACE_DEFINED__ */

#ifdef __TrainToolsInterface_LIBRARY_DEFINED__
#define __TrainToolsInterface_LIBRARY_DEFINED__

/*****
 * Generated header for library: TrainToolsInterface
 * at Tue Jul 22 18:15:33 1997
 * using MIDL 3.01.75
 *****/
/* [helpstring][version][uuid] */

EXTERN_C const IID LIBID_TrainToolsInterface;

#ifdef __cplusplus
EXTERN_C const CLSID CLSID_EngComIfc;

class DECLSPEC_UUID("58F83263-E00A-11D0-B881-00C0E321052F")

```

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```
EngComIfc;
#endif
#endif /* __TrainToolsInterface_LIBRARY_DEFINED__ */

/* Additional Prototypes for ALL interfaces */

unsigned long          __RPC_USER BSTR_UserSize(      unsigned long __RPC_FAR *,
unsigned long          , BSTR __RPC_FAR * );
unsigned char __RPC_FAR * __RPC_USER BSTR_UserMarshal(  unsigned long __RPC_FAR *,
unsigned char __RPC_FAR *, BSTR __RPC_FAR * );
unsigned char __RPC_FAR * __RPC_USER BSTR_UserUnmarshal(unsigned long __RPC_FAR *,
unsigned char __RPC_FAR *, BSTR __RPC_FAR * );
void                __RPC_USER BSTR_UserFree(      unsigned long __RPC_FAR *,
BSTR __RPC_FAR * );

/* end of Additional Prototypes */

#ifdef __cplusplus
}
#endif

#endif
```