## VSP up

isgProcessMsg

|🡪 case ISG\_MODULE\_MGMT: ISG\_SUCCESS==isgProcessMsgMgmt(msg\_i)

| |🡪 case default：ISG\_SUCCESS == isgCfgProcessMsg(msg\_i, &error)

| | |🡪 case ISG\_MODULE\_MGMT: retVal = isgCfgProcessMgmtMsg(msgP, ecodeP\_o);

| | | |🡪 case MSG\_ENABLE\_SOFTSWITCH\_REQ:

| | | |🡪 retVal = setIsgIwuSysStatus(IWU\_SYS\_STATUS\_ENABLE, ecodeP\_o);

| | | |🡪retVal = isgCfgSendEnableSoftSwitchRspToMgmt( (pal\_enable\_softswitch\_t \*)mgmtDataP, result, ecodeP\_o);

| | | |🡪retVal = isgCfgSendOptionsReqToIptk(ISG\_CFG\_TXN\_ID\_FOR\_ICF\_OPTIONS\_REQ, ecodeP\_o);

isgProcessMsg

|🡪 case ISG\_MODULE\_MGMT: ISG\_SUCCESS==isgProcessMsgMgmt(msg\_i)

| |🡪 case default：ISG\_SUCCESS == isgCfgProcessMsg(msg\_i, &error)

| | |🡪 case ISG\_MODULE\_MGMT: retVal = isgCfgHandlePerIsdnLineReq(msgP, &buffered, ecodeP\_o);

| | |🡪 retVal = isgCfgProcessMgmtMsg(msgP, ecodeP\_o);

后面和permanent term up一致

## VSP down

Iwu：

isgCfgMgmtDisableSubscriberReq

|-->retVal = sendReqToQ931(DEINITIALIZE\_TERMINAL,intrnlHdrP\_io->transId, controllerNo, ecodeP\_o);

| |-->retVal = isgCfgSend(ISG\_MODULE\_Q931, (IsgU32bit)apiId, reqMsgP, reqMsgLen, ecodeP\_o);

| | |-->case ISG\_MODULE\_Q931: retVal = isgSendToQ931(apiId, msgP, msgLen);

|-->retVal = isgCfgStartTimer(intrnlHdrP\_io->transId,\

MAX\_RSP\_TIME,\

Q931\_DEINITIALISE\_TERMINAL\_REQ\_TIMER\_EXP,\

&timerId, ecodeP\_o);

Mgmt新消息：

Iwu：

isgCfgProcessMgmtMsg

|-->case default: retVal = isgCfgFsmHandler(msgP, &intrnlHdr, ecodeP\_o);

| |-->retVal = isgCfgTcbEventHandler[intrnlHdrP->tcbP->cfgState][intrnlHdrP->event](msgDataP, intrnlHdrP, ecodeP\_o);

isgCfgMgmtDisableSoftswitchReq

|-->retVal = setIsgIwuSysStatus(IWU\_SYS\_STATUS\_DISABLE, ecodeP\_o);

|-->retVal = hashWalklineDataWithKeyISDNLineId((isgHashWalkFunction\_t ) isgCfgCallbackFnForDisableSoftswitch,(IsgVoidP) transIdP, ecodeP\_o);

isgCfgCallbackFnForDisableSoftswitch

| |-->retVal = getIsgIwuSystemProfile(&iwuSystemProfile, &ecodeP\_o);

| |-->etVal = setIsgIwuLineRegStatus(NOT\_REGISTERED, IPTK\_LINE\_ID, iptkLineId, &ecodeP\_o);

|-->retVal = isgCfgSendDisableSoftSwitchRspToMgmt(disableSofswitchP, ISG\_TRUE, ecodeP\_o);

Q931新消息：

Iwu：

isgCfgProcessMsgQ931

|-->case DEINITIALIZE\_TERMINAL\_RESPONSE:

|-->retVal = isgCfgFsmHandler(msgP, &intrnlHdr, ecodeP\_o);

| |-->retVal = isgCfgTcbEventHandler[intrnlHdrP->tcbP->cfgState][intrnlHdrP->event](\

msgDataP, intrnlHdrP, ecodeP\_o);

isgCfgQ931DeinitTerminalRsp

|-->retVal = sendReqToStackMgr(intrnlHdrP\_io->tcbP->isdnLineId, intrnlHdrP\_io->transId, IWU\_BLOCK\_REQ, ecodeP\_o);

| |-->retVal = isgCfgSend(ISG\_MODULE\_STKMNGR, apiId, reqMsgP, reqMsgLen, ecodeP\_o);

| | |-->case ISG\_MODULE\_STKMNGR: retVal = isgSendToISDNStackMngr(apiId, msgP, msgLen);

Isdn stack新消息

IWU：

isgCfgProcessMsgStackMgr

|-->case SM\_BLOCK\_CONFIRM:

|-->retVal = isgCfgFsmHandler(msgP, &intrnlHdr, ecodeP\_o);

| |-->retVal = isgCfgTcbEventHandler[intrnlHdrP->tcbP->cfgState][intrnlHdrP->event](\

msgDataP, intrnlHdrP, ecodeP\_o);

isgCfgSmBlockConfirm

|-->retVal = isgIrmGetLineInfo(intrnlHdrP\_io->tcbP->isdnLineId, &lineData, ecodeP\_o);

|-->retVal = isgIrmSetLapdStatus(intrnlHdrP\_io->tcbP->isdnLineId, ISG\_IRM\_INACTIVE, ecodeP\_o);

|-->retVal = isgCfgSendDeRegisterReqToIptk(\

intrnlHdrP\_io->tcbP->iptkLineId, \

intrnlHdrP\_io->transId, ecodeP\_o);

| |-->retVal = isgCfgSend(ISG\_MODULE\_IPTK, ICF\_REGISTER\_REQ, reqMsgP, reqMsgLen, ecodeP\_o);

|-->etVal = isgCfgStartTimer(intrnlHdrP\_io->transId,MAX\_RSP\_TIME, ICF\_DEREGISTER\_REQ\_TIMER\_EXP,&timerId, ecodeP\_o);

IPTK新消息

Iwu：

isgCfgProcessMsgIPTK

|-->retVal = isgCfgFsmHandler(msgP,&intrnlHdr,ecodeP\_o);

| |--> |-->retVal = isgCfgTcbEventHandler[intrnlHdrP->tcbP->cfgState][intrnlHdrP->event](\

msgDataP, intrnlHdrP, ecodeP\_o);

isgCfgIptkRegisterCfm

|-->case MSG\_DISABLE\_SUBSCRIBER\_REQ:

|-->retVal = setIsgIwuLineRegStatus(NOT\_REGISTERED, IPTK\_LINE\_ID, \

intrnlHdrP\_io->tcbP->iptkLineId, ecodeP\_o);

|-->retVal = sendDisableSubsDataRspToMgmt(registerCfmP->result, \

intrnlHdrP\_io->tcbP->isdnLineId, \

intrnlHdrP\_io->transId, ecodeP\_o);

| |-->retVal = isgIrmSetOprStatus(lineId, IRM\_OPR\_DOWN, ecodeP\_o);

| |-->retVal = isgCfgSend(ISG\_MODULE\_MGMT, MSG\_DISABLE\_SUBSCRIBER\_RSP, respMsgP, respMsgLen, ecodeP\_o);