

Status:	CLOSED	Start date:	2023-06-02
Priority:	High	Due date:	
Assignee:	CDTS_Test 吴诗雨	% Done:	20%
Category:	CD-FW	Estimated time:	0.00 hour
Target version:			
Need_Info:	--	Found Version:	副屏：01.00.0100.c103 中控：03.02.0086.C102
Resolution:	--	Degrated:	--
Severity:	Major	Verified Version:	
Reproducibility:	Every time	Fixed Version:	
Test Type:	ST	Root cause:	

Description

【环境信息】EE环境

【问题出现时间】：20230602 16点04分（副屏第219次开机）

【前提条件】：车机上电（KL30ON，KL15 ON，CANoe的E2E工程发送电源模式信号powermode=local on，已连接中控和功放，可正常输出声音，副屏以太网和WiFi都是已连接状态）

1.中控端设置-显示-熄屏模式点击 “ 仅副驾屏 ”

【实际结果】

副屏没有熄屏

【期望结果】

中控端点击 “ 仅副驾屏 ” 可以让副屏熄屏

【备注】：

中控端点击 “ 全部熄屏 ” 可以让副屏熄屏.

问题发生的时候，一直必现。

车架号VIN：HRYTTESTVINMGM817

中控端log可从云端获取，

副屏历史log地址：<https://ofs.human-horizons.com/#!/download/index/HWu52H2Pdtk%3D>

【影响版本】：副屏：01.00.0100.c103 中控：03.02.0086.C102

【硬件版本号】：/

【是否能恢复】：

History
#1 - 2023-06-05 13:56 - CD FW-程天颖
- Status changed from New to ASSIGNED
#2 - 2023-06-05 14:37 - CD FW-程天颖
- Category changed from CD-FW to BSP

- Assignee changed from CD FW-程天颖 to CD BSP-杜磊

■ Current conclusion

从上层日志中分析，每次屏幕状态状态切换都是成功的

■ My analysis

中控请求息屏

06-02 16:02:39.899 2561 21347 I MicroService: onRequest(setScreenDisplay): {"ScreenDisplay":0}
副屏执行息屏动作后，收到屏幕状态变更广播，并把当前屏幕状态上报给中控
06-02 16:02:40.129 2565 2565 I MicroServiceManager: requestResult(reportScreenDisplay) parameters is{"ScreenDisplay":0}.

中控请求亮屏

06-02 16:02:40.404 2561 21364 I MicroService: onRequest(setScreenDisplay): {"ScreenDisplay":1}
副屏执行亮屏动作后，收到屏幕状态变更广播，并把当前屏幕状态上报给中控
06-02 16:02:40.449 2565 2565 I MicroServiceManager: requestResult(reportScreenDisplay) parameters is{"ScreenDisplay":1}.

中控请求息屏

06-02 16:02:41.129 2561 21383 I MicroService: onRequest(setScreenDisplay): {"ScreenDisplay":0}
副屏执行息屏动作后，收到屏幕状态变更广播，并把当前屏幕状态上报给中控
06-02 16:02:41.311 2565 2565 I MicroServiceManager: requestResult(reportScreenDisplay) parameters is{"ScreenDisplay":0}.

中控请求亮屏

06-02 16:02:41.548 2561 21396 I MicroService: onRequest(setScreenDisplay): {"ScreenDisplay":1}
副屏执行亮屏动作后，收到屏幕状态变更广播，并把当前屏幕状态上报给中控
06-02 16:02:41.593 2565 2565 I MicroServiceManager: requestResult(reportScreenDisplay) parameters is{"ScreenDisplay":1}.

中控请求息屏

06-02 16:02:42.533 2561 21411 I MicroService: onRequest(setScreenDisplay): {"ScreenDisplay":0}
副屏执行息屏动作后，收到屏幕状态变更广播，并把当前屏幕状态上报给中控
06-02 16:02:42.800 2565 2565 I MicroServiceManager: requestResult(reportScreenDisplay) parameters is{"ScreenDisplay":0}.

中控请求亮屏

06-02 16:02:43.325 2561 21480 I MicroService: onRequest(setScreenDisplay): {"ScreenDisplay":1}
副屏执行亮屏动作后，收到屏幕状态变更广播，并把当前屏幕状态上报给中控
06-02 16:02:43.366 2565 2565 I MicroServiceManager: requestResult(reportScreenDisplay) parameters is{"ScreenDisplay":1}.

中控请求息屏

06-02 16:03:26.982 2561 22115 I MicroService: onRequest(setScreenDisplay): {"ScreenDisplay":0}
副屏执行息屏动作后，收到屏幕状态变更广播，并把当前屏幕状态上报给中控
06-02 16:03:27.200 2565 2565 I MicroServiceManager: requestResult(reportScreenDisplay) parameters is{"ScreenDisplay":0}.

中控请求亮屏

06-02 16:03:33.569 2561 22142 I MicroService: onRequest(setScreenDisplay): {"ScreenDisplay":1}
副屏执行亮屏动作后，收到屏幕状态变更广播，并把当前屏幕状态上报给中控
06-02 16:03:33.618 2565 2565 I MicroServiceManager: requestResult(reportScreenDisplay) parameters is{"ScreenDisplay":1}.

中控请求息屏

06-02 16:03:50.392 2561 22251 I MicroService: onRequest(setScreenDisplay): {"ScreenDisplay":0}
副屏执行息屏动作后，收到屏幕状态变更广播，并把当前屏幕状态上报给中控
06-02 16:03:50.620 2565 2565 I MicroServiceManager: requestResult(reportScreenDisplay) parameters is{"ScreenDisplay":0}.

中控请求亮屏

06-02 16:03:54.911 2561 22271 I MicroService: onRequest(setScreenDisplay): {"ScreenDisplay":1}

副屏执行亮屏动作后，收到屏幕状态变更广播，并把当前屏幕状态上报给中控
06-02 16:03:54.960 2565 2565 I MicroServiceManager: requestResult(reportScreenDisplay) parameters is{"ScreenDisplay":1}.

中控请求息屏
06-02 16:04:03.217 2561 22311 I MicroService: onRequest(setScreenDisplay): {"ScreenDisplay":0}
副屏执行息屏动作后，收到屏幕状态变更广播，并把当前屏幕状态上报给中控
06-02 16:04:03.420 2565 2565 I MicroServiceManager: requestResult(reportScreenDisplay) parameters is{"ScreenDisplay":0}.

中控请求亮屏
06-02 16:04:08.498 2561 22341 I MicroService: onRequest(setScreenDisplay): {"ScreenDisplay":1}
副屏执行亮屏动作后，收到屏幕状态变更广播，并把当前屏幕状态上报给中控
06-02 16:04:08.562 2565 2565 I MicroServiceManager: requestResult(reportScreenDisplay) parameters is{"ScreenDisplay":1}.

从日志中的设置和上报屏幕状态来看，并未发现异常

■ Next action
需要bsp的同学帮忙继续分析

#3 - 2023-06-05 18:34 - CD BSP-杜磊

BSP分析如下， 问题发生时间：*06-02 16:04*
grep -rn "MAX9" 16点04分中控端点击 “ 仅副驾屏 ” ，副屏没有熄屏.log
18937:06-02 16:02:40.110 0 0 I [7015.668296] [MAX975X: max96755x_drm_notifier_callback] INFO receives BLANK: POWERDOWN
19083:06-02 16:02:40.486 0 0 I [7016.047859] [MAX975X: max96755x_drm_notifier_callback] INFO receives BLANK: UNBLANK
19238:06-02 16:02:41.290 0 0 I [7016.849979] [MAX975X: max96755x_drm_notifier_callback] INFO receives BLANK: POWERDOWN
19402:06-02 16:02:41.641 0 0 I [7017.200896] [MAX975X: max96755x_drm_notifier_callback] INFO receives BLANK: UNBLANK
19555:06-02 16:02:42.709 0 0 I [7018.270299] [MAX975X: max96755x_drm_notifier_callback] INFO receives BLANK: POWERDOWN
19831:06-02 16:02:43.404 0 0 I [7018.966324] [MAX975X: max96755x_drm_notifier_callback] INFO receives BLANK: UNBLANK
22322:06-02 16:03:27.178 0 0 I [7062.738264] [MAX975X: max96755x_drm_notifier_callback] INFO receives BLANK: POWERDOWN
22565:06-02 16:03:33.657 0 0 I [7069.214098] [MAX975X: max96755x_drm_notifier_callback] INFO receives BLANK: UNBLANK
23161:06-02 16:03:50.601 0 0 I [7086.154921] [MAX975X: max96755x_drm_notifier_callback] INFO receives BLANK: POWERDOWN
23354:06-02 16:03:54.998 0 0 I [7090.558880] [MAX975X: max96755x_drm_notifier_callback] INFO receives BLANK: UNBLANK
23704:06-02 16:04:03.403 0 0 I [7098.962641] [MAX975X: max96755x_drm_notifier_callback] INFO receives BLANK: POWERDOWN - - *log中，kernel最后一次对屏幕背光灭操作*
23932:06-02 16:04:08.596 0 0 I [7104.155994] [MAX975X: max96755x_drm_notifier_callback] INFO receives BLANK: UNBLANK - - * log中，kernel最后一次对屏幕背光亮操作。*

06-02 16:04:08.572 3336 22351 I hpplay-java: [AsyncTask #852]:NetworkReceiver:onReceive action: android.intent.action.SCREEN_ON - - - * 上层最后一次上次收到亮屏指令*
06-02 16:04:08.586 22378 22378 I QQGameFullScreenNoticeServiceImpl: hideFloatWindow isShow: false
06-02 16:04:08.590 11500 11500 D Event : No subscribers registered for event class com.tencent.qqmusic.business.lockscreennew.p
06-02 16:04:08.590 11500 11500 D Event : No subscribers registered for event class de.greenrobot.event.f
06-02 16:04:08.596 0 0 I [7104.155994] [MAX975X: max96755x_drm_notifier_callback] INFO receives BLANK: UNBLANK - - - - *kernel最后一次两灭屏*

AF同学再check一下呢

#4 - 2023-06-05 18:38 - CD BSP-杜磊
- Category changed from BSP to CD-FW
- Assignee changed from CD BSP- 杜磊 to CD FW- 程天颖
- % Done changed from 0 to 20

#5 - 2023-06-06 11:40 - CD FW-程天颖
- Assignee changed from CD FW-程天颖 to CDTS_Test 吴诗雨

■ Current conclusion
分析出原因是副屏未收到息屏信号

■ My analysis
根据视频时间中的时间，视频0:20时间为16:03向16:04切换
第一次全部息屏时间为视频的0:11左右，与日志06-02 16:04:03.217 2561 22311 I MicroService: onRequest(setScreenDisplay): {"ScreenDisplay":0}相对应
第二次全部息屏时间为视频的0:25左右，与日志06-02 16:04:03.217 2561 22311 I MicroService: onRequest(setScreenDisplay): {"ScreenDisplay":0}相对应

再仅副屏息屏的时间点，副屏并未接受到中控发送的息屏指令的日志。

■ Next action
需要中控检查在bug复现时，中控点击仅副屏息屏，是否成功的向副屏发送息屏指令

#6 - 2023-06-06 13:37 - CDTS_Test 吴诗雨
- Status changed from ASSIGNED to NEED_INFO

已同步

#7 - 2023-07-04 16:40 - CDTS_TEST 王成
- Status changed from NEED_INFO to RESOLVED

客户反馈：
根据反馈，因为问题IOVDEV-32425导致此问题的发生，此问题按无效bug进行关闭。

#8 - 2023-07-04 16:41 - CDTS_TEST 王成
- Status changed from RESOLVED to VERIFIED

#9 - 2023-07-04 16:41 - CDTS_TEST 王成
- Status changed from VERIFIED to CLOSED

Files			
16点04分中控点击“仅副驾屏”，副屏没有熄屏.7z	25.5 MB	2023-06-02	CDTS_Test 吴诗雨
IOVDEV-32438.zip	9.05 MB	2023-06-02	CDTS_Test 吴诗雨