APIM Welcome/Farewell Graphics

The APIM shall utilize the following functions to support Welcome/Farewell animation transitions, as per RQT-002004-704098 Ford Welcome/Farewell and Lincoln Embrace Strategy" for displays directly connected to it:

CAN Signals				Display
State	Substate	State	Substate	Welcome/Farewell Animation Request
VehWlcmFrwl_D_Stat	VehWlcmFrwlMde_D_Stat	BonAur_D_Stat	BonAurMde_D_Stat	
NULL	NULL	NULL	NULL	OFF (Sleep)
WELCOME	APPROACH			OFF (But Wake-up Display)
WELCOME	ILLUMINATEDENTRY			OFF - But Wake-up Display (Or Stay Awake, If Already Awake)
WELCOME	COURTESYLIGHTINGALL			ON - Start Welcome Animation [1]
WELCOME	COURTESYLIGHTINGEXTENDED			OFF (stay awake)
WELCOME	COURTESYLIGHTINGDELAYALL	BONJOUR	PREPAREENTRANCELIGHTING	ON - (Continue Previously Started Welcome Screen/Animation)
WELCOME	COURTESYLIGHTINGDELAYEXT	BONJOUR	PREPAREENTRANCELIGHTING	OFF (stay awake)
WELCOME	NULL			OFF (Sleep)
RUNSTART	(NULL) Don't care	BONJOUR	ENTRANCELIGHTING	ON - Usable Interface ASAP
RUNSTART	(NULL) Don't care	BONJOUR	PEDALPRESS	ON - Usable Interface ASAP
RUNSTART	(NULL) Don't care	BONJOUR	NULL	ON - Continue Usable Interface
RUNSTART	(NULL) Don't care	MOTIVE	NULL	ON - Continue Usable Interface
RUNSTART	(NULL) Don't care	AU REVOIR	PREPAREEXITLIGHTING	ON - (Drive mode based UI if applicable)
RUNSTART	(NULL) Don't care	AU REVOIR	EXITLIGHTING	ON - (Drive mode based UI if applicable)
RUNSTART	(NULL) Don't care	AU REVOIR	EXITLIGHTINGDELAY	ON - Continue Usable Interface Start Farewell Fade Animation (If Applicable) and Continue Until End
RUNSTART	(NULL) Don't care	AU REVOIR	NULL	ON - (Drive mode based UI if applicable)
FAREWELL	ILLUMINATEDEXIT			ON - Start Farewell Screen/Animation Note: EV Information Screens Before Farewell Animation
FAREWELL	COURTESYLIGHTINGALL			ON - Farewell Screen/Animation Continues Until End
FAREWELL	COURTESYLIGHTINGEXTENDED			OFF (Sleep)
FAREWELL	COURTESYLIGHTINGDELAYALL			OFF (Sleep)
FAREWELL	COURTESYLIGHTINGDELAYEXT			OFF (Sleep)
FAREWELL	NULL			OFF (Sleep)

Note 1: Specific animation owned by HMI and Studio group.