

## Systems Integration

# LONWORKS® Solution for Carrier Air Handler Controller LONWORKS Translator

Table 1. San Francisco Custom (Gilead B322) APOGEE Points, Application Number: 9153, Program ID: 80:00:B2:50:1E:02:04:03.

Point	Type	Description	Range/Units <sup>a b c</sup>
1	LAO	Space Temperature Output	°F °C
2	LAO	Supply Air Setpoint	°F °C
3	LAI	Space Temperature Output	°F °C
5	LAI	Heat Operation Primary	%
7	LAI	Cool Operation	%
8	LAI	Economizer Operation	%
12	LAO	Setpoint Offset	°F °C
13	LAO	Outside Air Temperature Input	°F °C
15	LAI	Effective Setpoint	°F °C
16	LAI	Outside Air Temperature	°F °C
17	LAI	Outside Relative Humidity	%
20	LAO	CO2 Input	ppm
21	LAI	CO2 Output	ppm
22	LAI	Supply Air Temperature	°F °C
23	LAI	Return Air Temperature	°F °C
24	LAI	Mix Air Temperature	°F °C
26	LAO	Static Pressure Setpoint	IN WC kPa

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**Table 1. San Francisco Custom (Gilead B322) APOGEE Points, Application Number: 9153, Program ID: 80:00:B2:50:1E:02:04:03. (continued)**

Point	Type	Description	Range/Units <sup>a b c</sup>
27	LAI	Duct Static Pressure	IN WC <i>Pa</i>
28	LAI	Building Pressure	IN WC <i>Pa</i>
35	LAO	Remote Input State Value	%
36	LAO	Remote Input State State	
38	LAI	Remote Input State Input Value	%
39	LDI	Remote Input State Input State	Off/On
40	LDI	Supply Fan Relay State	Off/On
41	LAI	Supply Fan Relay Value	%
42	LAI	Filter Status Input Value	%
43	LDI	Filter Status Input State	Off/On
44	LAI	Supply Fan Status Switch Value	%
45	LDI	Supply Fan Status Switch State	Off/On
48	LAO	CP Occupied Cool Setpoint	°F °C
50	LAO	CP Unoccupied Cool Setpoint	°F °C
51	LAO	CP Occupied Heat Setpoint	°F °C
53	LAO	CP Unoccupied Heat Setpoint	°F °C
<p><sup>a</sup> Values noted for LDIs and LDOs are in the following format: OFF text/ON text.</p> <p><sup>b</sup> This column indicates the value/range or engineering units or both if known.</p> <p><sup>c</sup> The default English value is not italicized. An italicized entry indicates an SI value.</p>			

Table 2. San Francisco Custom (Gilead B322) LONWORKS Network Variables, Program ID: 80:00:B2:50:1E:02:04:03.

Point	NVO Name	NVI Name	CP Name
1	-	nviSpaceTemp	nviSpaceTemp
2	-	nviSetpoint	nviSetpoint
3	nvoSpaceTemp	-	-
5	nvoUnitStatus.heat_output_primary	-	-
7	nvoUnitStatus.cool_output	-	-
8	nvoUnitStatus.econ_output	-	-
12	-	nviSetptOffset	nviSetptOffset
13	-	nviOutsideTemp	nviOutsideTemp
15	nvoEffectSetpt	-	-
16	nvoOutsideTemp	-	-
17	nvoOutsideRH	-	-
20	-	nviCO2	nviCO2
21	nvoCO2	-	-
22	nvoTEMP1	-	-
23	nvoTEMP2	-	-
24	nvoTEMP3	-	-
26	-	nviPRESS1	nviPRESS1
27	nvoPRESS1	-	-
28	nvoPRESS2	-	-
35	-	nviDISCRETE1.value	nviDISCRETE1.value
36	-	nviDISCRETE1.state	nviDISCRETE1.state
38	nvoDISCRETE1.value	-	-
39	nvoDISCRETE1.state	-	-
40	nvoDISCRETE2.state	-	-
41	nvoDISCRETE2.value	-	-
42	nvoDISCRETE4.value	-	-
43	nvoDISCRETE4.state	-	-
44	nvoDISCRETE5.value	-	-
45	nvoDISCRETE5.state	-	-
48	-	-	nciSetPnts.occupied_cool

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Table 2. San Francisco Custom (Gilead B322) LONWORKS Network Variables, Program ID: 80-00:B2:50:1E:02:04:03. (continued)

Point	NVO Name	NVI Name	CP Name
50	-	-	nciSetPnts.unoccupied_cool
51	-	-	nciSetPnts.occupied_heat
53	-	-	nciSetPnts.unoccupied_heat