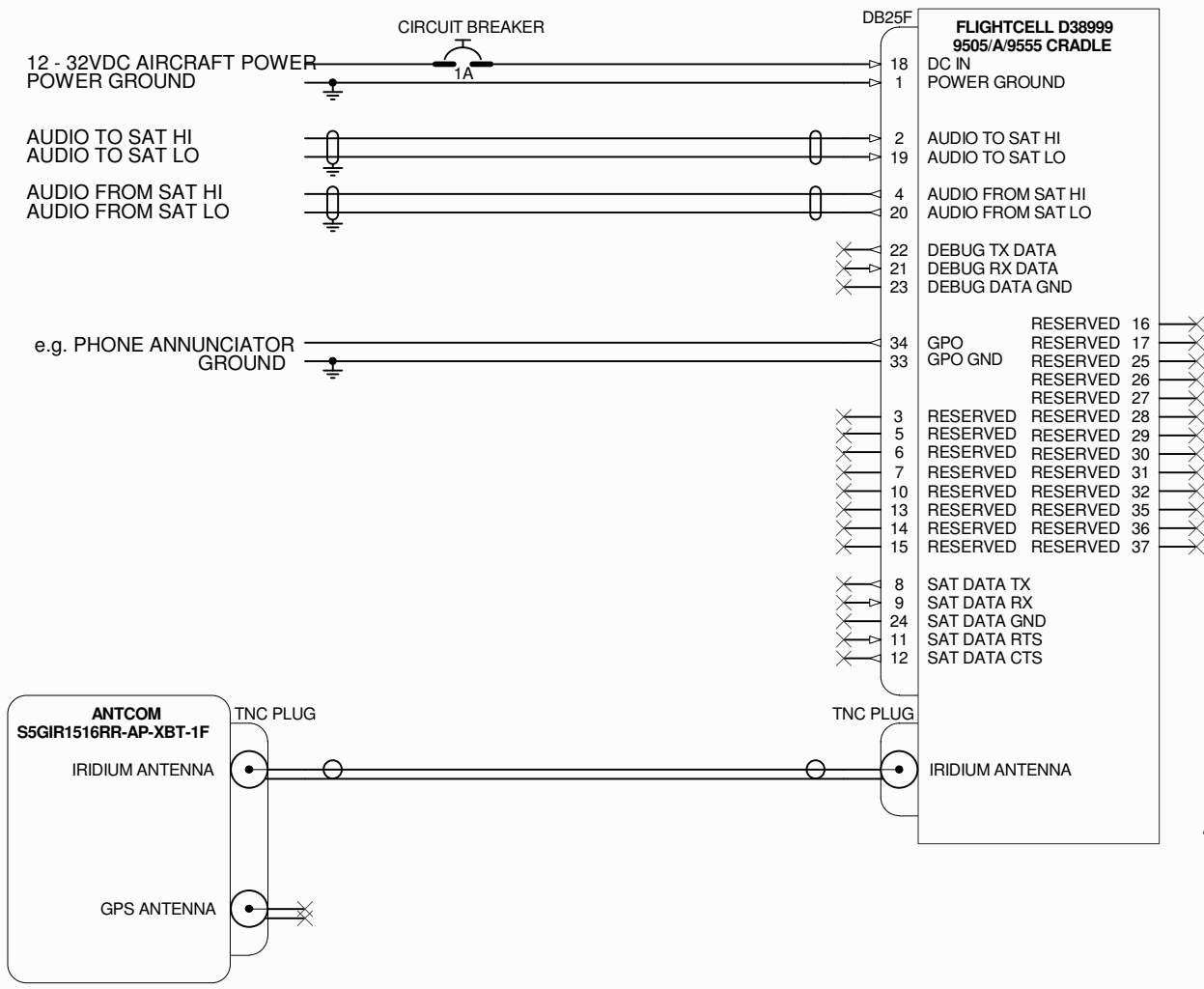


D38999 Iridium Cradle Interconnect Wiring Diagrams



NOTES:

The GPO can be used to switch external loads, e.g. annunciator panel indicator.

The output is capable of sinking 100mA. The maximum voltage applied to the GPO terminal must not exceed 32VDC.

The functionality assigned to the GPO is setup in the DZM configuration.

NOTES:

1. ALL POWER CABLES SHOULD BE 22AWG STRANDED UNLESS OTHERWISE NOTED e.g. M22759/34-22-9 OTHER CABLES SHOULD BE 22AWG STRANDED, SCREENED WHERE INDICATED e.g. M27500/-24SB2T14.
2. IT IS RECOMMENDED THAT THE POWER GROUND CONNECTIONS BE RUN SEPARATELY TO A SINGLE EARTHING POINT, SO AS TO MINIMISE GROUND LOOPS
3. SYMBOL DESIGNATIONS

- SHIELDED PAIR
SHIELD TERMINATED TO DC GROUND
- SHIELDED PAIR
SHIELD FLOATING
- UNIT GROUND
- COAXIAL CABLE
- WIRE SPLICE CONNECTION
- CIRCUIT BREAKER



Flightcell International Limited
 PO Box 1481, Nelson, New Zealand
 Ph:+64 3 545 8652 www.flightcell.com

Product:	Flightcell D38999 Iridium Cradle		
Sheet:	Standalone ICD	1 of 1	
Issue:	1.2		
Drawn By:	James Glasgow		
Filename:	D38999 Cradle Interconnect Drawing_SchDoc		
Date:	25/09/2012	Drawing No:	WRL CRP 002
REV	DESCRIPTION	DATE	APPD
1.2	Corrected RX/TX Pin numbering (C/N FCN0404)	25/09/12	JG
1.1	Added GPO (C/N FCN0318)	13/03/12	JG
1.0	Document Created (C/N FCN0292)	10/01/12	JG

1

2

3

4

1

2

3

4