ARINC 429 REQUEST FORM
Revision 09/27/2011

Use this form to propose changes to ARINC 429 Part 1 and Part 2. A complete bit-oriented description should be included with your proposal.

The completed form should be submitted to:

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Facsimile: (410) 266-2047
E-mail: jgodoy@arinc.com

Name: **John Doe**	E-mail:**john.doe@anycompany.com**
Company:	Phone: **xxx xxx xxxx**
Date Requested: **Today's Date**	Fax: **xxx-xxx xxxx**

Equipment Type: **Electronic Chronometer**
Equipment ID (Hex):031 ☐Proposed X Already Assigned

Label (Octal)Requested: **150**
Label Type: **X** BNR ☐BCD ☐ DIS ☐ SAL
Parameter Name: **Universal Coordinate Time (UTC)**

Units: **N/A**	Range (scale): **23:59.59**
Significant Bits:**17**	Positive Sense: **N/A**
Min Trans Interval (msec):**1200**	Resolution: **1.0 sec**
Max Trans Interval (msec):**200**	Max Trans Delay (msec): **N/A**
Notes:	

On the next page is a Blank ARINC 429 bit definition form. Please complete the form when requesting a label assignment.

Examples of completed ARINC 429 Request forms are available on the ARINC Website in either Acrobat (pdf) or MSWord Format. If you have any question in completing a ARINC 429 request form please contact José Godoy.

Please complete the ARINC 429 bit definition for Discrete, Binary, and BCD words.

Label 150 (BNR)

32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8 7 6 5 4 3 2 1
P	**SSM**		**Hours**						**Minutes**						**Seconds**							**SDI**		**Octal Label**
			23						**59**						**59**									**0 5 1**
			1	**0**	**1**	**1**	**1**	**1**	**1**	**1**	**1**	**0**	**1**	**1**	**1**	**1**	**1**	**0**	**1**	**1**		**0**	**0**	**000 101 10**

Bit		**Description**	**Notes**
1 Label 1st digit		**0**	
2 Label 1st digit	____**1**	**1**	
3 Label 2nd digit		**1**	
4 Label 2nd digit		**0**	
5 Label 2nd digit	____**5**	**1**	
6 Label 3rd digit		**0**	
7 Label 3rd digit		**0**	
8 Label 3rd digit	____**0**	**0**	
9	**SDI**		
10	**SDI**		
11	**Time Source**		**2**
12		**1**	
13		**2**	
14	**Time**	**4**	
15	**Seconds**	**8**	
16		**16**	
17		**32**	
18		**1**	
19		**2**	
20	**Time**	**4**	
21	**Minutes**	**8**	
22		**16**	
23		**32**	
24		**1**	
25		**2**	
26	**Time**	**4**	
27	**Hr**	**8**	
28		**16**	
29		**32**	
30	SSM		**1**
31	SSM		**1**
32 Parity			

Notes:

[1] **See Table 1**

[2] **Bit 11 is set to "1" when GNSS time is being used. Otherwise, bit 11 is set to "0".**

BITS		Meaning
30	31	
0	0	Failure Warning
0	1	No Computed Data
1	0	Functional Test
1	1	Normal Operation

Table 1