

# ACIS Verification Summary Report

36-01510.015

<b>Specification:</b>	ACIS Contract End Item Specification
<b>Requirement Number/Title:</b>	3.1.3.2a Event Modes (VRSD 3.1.3.2a-4)
<b>Requirement Statement:</b>	The processing system shall extract event time information.
<b>Verification Method:</b>	Demonstration
<b>Procedure Number:</b>	

**Configuration:**

ACIS + HRMA at XRCF, flight S/W rev. 1.4

**Cycle Time:**

### Verification Discussion/Results

By inspection of photon event files from HRMA Science Run #63 on 04.25.1997Z03:21:48, *e.g.* "xrcfh.63.0.erv.dat". In the attached event file listing, the "UTC" column contains the IRIG time of the start of each event. In the accompanying "xrcfh.63.time.txt" listing, the "irigTime" column shows the starting time of each exposure.



97/06/06  
12:54:54

xrcfh.63.time.txt

126	df34acef	01bc723f	334104	334104	114:12529.235	3.341	-0.001
127	df34acef	01c18b57	334104	334104	114:12532.576	3.341	-0.001
128	df34acef	01c6a46f	334104	334104	114:12535.917	3.341	-0.001
129	df34acef	01cbbd87	334104	334104	114:12539.258	3.341	-0.001
130	df34acef	01d0d69f	334104	334104	114:12542.599	3.341	-0.001
131	df34acef	01d5efb7	334104	334104	114:12545.940	3.341	-0.001
132	df34acef	01db08cf	334104	334104	114:12549.281	3.341	-0.001
133	df34acef	01e021e7	334104	334104	114:12552.622	3.341	-0.001
134	df34acef	01e53aff	334104	334104	114:12555.963	3.341	-0.001
135	df34acef	01ea5417	334104	334104	114:12559.304	3.341	-0.001
136	df34acef	01ef6d2f	334104	334104	114:12562.645	3.341	-0.001
137	df34acef	01f48647	334104	334104	114:12565.986	3.340	-0.002
138	df34acef	01f99f5f	334104	334104	114:12569.327	3.341	-0.002
139	df34acef	01feb877	334104	334104	114:12572.668	3.341	-0.002
140	df34acef	0003d18f	334104	334104	114:12576.009	3.341	-0.001
141	df34acef	0008ea7	334104	334104	114:12579.350	3.341	-0.001
142	df34acef	000e03bf	334104	334104	114:12582.691	3.341	-0.001
143	df34acef	00131cd7	334104	334104	114:12586.032	3.341	-0.001
144	df34acef	001835ef	334104	334104	114:12589.373	3.341	-0.001
145	df34acef	001d4f07	334104	334104	114:12592.714	3.341	-0.001
146	df34acef	0022681f	334104	334104	114:12596.055	3.341	-0.001
147	df34acef	00278137	334104	334104	114:12599.396	3.341	-0.001
148	df34acef	002c9a4f	334104	334104	114:12602.737	3.341	-0.001
149	df34acef	0031b367	334104	334104	114:12606.079	3.341	-0.001
150	df34acef	0036cc7f	334104	334104	114:12609.420	3.341	-0.001
151	df34acef	003be597	334104	334104	114:12612.761	3.341	-0.001
152	df34acef	0040feaf	334104	334104	114:12616.102	3.341	-0.001
153	df34acef	004617c7	334104	334104	114:12619.443	3.341	-0.001
154	df34acef	004b30df	334104	334104	114:12622.784	3.341	-0.001
155	df34acef	005049f7	334104	334104	114:12626.124	3.340	-0.002
156	df34acef	0055630f	334104	334104	114:12629.465	3.341	-0.002
157	df34acef	005a7c27	334104	334104	114:12632.806	3.341	-0.002
158	df34acef	005f953f	334104	334104	114:12636.147	3.341	-0.002
159	df34acef	0064ae57	334104	334104	114:12639.488	3.341	-0.002
160	df34acef	0069c76f	334104	334104	114:12642.830	3.341	-0.002
161	df34acef	006ee087	334104	334104	114:12646.171	3.341	-0.002
162	df34acef	0073f99f	334104	334104	114:12649.512	3.341	-0.001
163	df34acef	007912b7	334104	334104	114:12652.853	3.341	-0.001
164	df34acef	007e2bcf	334104	334104	114:12656.194	3.341	-0.001
165	df34acef	008344e7	334104	334104	114:12659.535	3.341	-0.001
166	df34acef	00885dff	334104	334104	114:12662.876	3.341	-0.001
167	df34acef	008d7717	334104	334104	114:12666.217	3.341	-0.001
168	df34acef	0092902f	334104	334104	114:12669.558	3.341	-0.001
169	df34acef	0097a947	334104	334104	114:12672.899	3.341	-0.001