

**Collection of Regional Applications for AIS Binary Messages**  
Trial Run #2<sup>1</sup>

11 March 2009

**Submission Form**

<b>Registrant</b> (i.e., Maritime Administration)	Commissioners of Irish Lights
<b>Name of Application</b> (keep short)	Monitoring of AtoN – Zenilite AKARI 100
<b>Type of Binary Message</b> (e.g., msg 6, 8)	6
<b>DAC and FI Used</b>	DAC = 250 FI = 0
<b>Used by</b> (list organisations known to be using this binary message)	Commissioners of Irish Lights Northern Lighthouse Board
<b>Additional Information</b> (include typical applications, e.g., AtoN monitoring)	AtoN monitoring of light power systems
<b>How portrayed</b> (e.g., text only, graphical on ECDIS/ECS, etc.)	Graphical on ECS (Navielektro JMAP and Euronav Seapro)
<b>Number of Slots</b>	1
<b>Reporting Rate</b>	3 minutes
<b>Date</b> - first used - status	July 2005 In use
<b>Technical Point-of- Contact</b>	Steve Burrows e-mail: s.burrows@cil.ie

<b>Parameter Name</b>	<b># bits</b>	<b>Description</b>
Sub-application ID	16	Default: 1
Voltage data	12	Lantern supply voltage data Max 409.6V
Current data	10	Lantern drain current data Max 102.3A
Power supply type	1	AC or DC 0: AC 1: DC
Light Status	1	Light on or Light off 0: light off 1: light on
Battery Status	1	Good or low voltage 0: good 1: low voltage
Off-position status	1	Off position or on position 0: on position 1: off position
Spare	6	For future use should be 0

<sup>1</sup> During IALA eNAV6, 11 March 2009 – amended 5<sup>th</sup> June 2009