Annex L
(informative)

Overview of the use AIS AtoN status field bits

NOTE   Refer to IALA A-126 for possible later versions of Table L.1.

Table L.1 provides an overview of AIS AtoN status field bits.

Table L.1 – AIS AtoN status field

Bit order 8th 7th and 6th	Bits	RACON/Light Page ID = 111	Bit order 8th 7th and 6th	Bits	Mobile AtoN and method and direction of movement Page ID = 101		Regional AtoN Page ID = 001
5th and 4th	00	No RACON installed	5th, 4th, 3rd and 2nd	0000	Direction not reported	No further information default	Reserved for regional use[a]
	01	RACON installed but not monitored		0001		Free-floating ABCD values denote an area (e.g. oil spill)	
	10	RACON operational		0010		Free-floating ABCD values denote an object (e.g. craft, gear, flotsam, etc.)	
	11	RACON Error		0011		Moves as defined (Synthetic) ABCD values denote an object (e.g. craft, gear, flotsam, etc.)	
3rd and 2nd	00	No light or no monitoring		0100		Moves as defined (Synthetic) ABCD values denote an area (e.g. dredging zone)	
	01	Light ON		0101		Tethered from a watercraft (e.g. cable, pipe, net)	
	10	Light OFF		0110		Reserved for future use	
	11	Light fail or at reduced range		0111		Self-propelled, but direction not reported or unavailable	
1st	0	Good health		1000	Direction of movement (COG)	000° ± 22,5°	
				1001		045° ± 22,5°	
				1010		090° ± 22,5°	
				1011		000° ± 22,5°	
				1100		135° ± 22,5°	
				1101		180° ± 22,5°	
				1110		225° ± 22,5°	
				1111		270° ± 22,5°	
	1	Alarm	1st	0		Monitored	
				1		Unmonitored	

NOTE   8th bit is most significant and 1st bit is least significant.

[a]   E.g. VTT-EG AIS AtoN for inland use standard.