NATIONAL MARITIME AGENCY			
QUALITY MANAGEMENT SYSTEM			
Title:	**APPROVAL FOR NEW AIDS TO NAVIGATION**	Rev. No.:	**0**
Form No.:	**AMN-DSMNPM-FR-209**	Rev. Date:	**31.08.25**

SECTION 1 Details of the Entity Requesting Approval					
1.1	Name, address and contact details of the entity requesting approval				
1.2	Name, address and contact details of the Entity to which the AtoN must be provided, if different from the previous 1.1				
1.3	Name, address and contact details of the Entity to which the AtoN belongs (owner)				
1.4	Name, address and contact details of the entity responsible for maintaining the AtoN				
SECTION 2 Information About the Planned AtoN					
2.1	Purpose of the AtoN				
2.2	Date on which the AtoN is expected to become operational				
2.3	For how long it is intended for the AtoN to be operational and implemented?				
2.4	**Type of AtoN** (i.e. Lighthouse, beacon, lead/ traffic/ light sector; Breakwater/Quay/Quay light; Signal, Sound Signal (Fog), Racon, AIS AtoN and DGPS, etc.				
2.5	**Name of AtoN** (Name / Number / Identification)				
2.6	Will it be installed in place of an existing/previous AtoN?	Yes		No	

2.6.1	If yes to clause 2.6:	
(a)	Which AtoN does it replace?	
(b)	When was the AtoN originally established?	
2.7	Location	
2.8	Geographical **coordinates** (WGS84 Datum)	
2.8	Latitude	
2.8	Longitude	
2.9	**Type of energy source**: (Solar/Mains, etc.)	
2.10	**Proposed IALA category** (e.g. 1, 2 or 3)	
SECTION 3 AtoN Detail		
3	AtoN without light	
3	Complete the subsections of **section 3.5**	
3.1	AtoN illuminated	
3.2	Headlight	
(a)	Colour	
(b)	Divergence	
(c)	Character	
(d)	Character details: Flash, Eclipse (dark period) and total period: (e.g. fl 0.2, ec 1.8 sec)	
(e)	Horizontal visibility, e.g. 360° degrees (omnidirectional)	
(f)	Sector(s) of the beacon: (e.g. R212°-230 (18°), W230°- 235° (5°), G235°-255 (20°)	
(g)	Direction of the guide/traffic/sector line (e.g. 326°)	
3.3	Range [(Nautical Miles (NM)]	

3.4	Focal height (m) above mean sea level				
3.5	Support structure:				
3.5.1	Type of structure (except Aton floating), e.g. metal pole, metal lattice, concrete structure, etc.				
3.5.2	Structure colour				
3.5.3	Structure width (m)				
3.5.4	Sign details, e.g. shape and colour				
3.5.5	Top piece details, e.g. shape and colour				
3.5.6	Equipped with radar reflector	Yes		No	
3.6	Floating AtoN (Signal)				
3.6.1	If you have a flashlight, fill in the relevant subsections in 3.2				
3.6.2	Format e.g. Mast, Pillar, etc.				
3.6.3	Type in the IALA Maritime Signals System (e.g. Lateral, Cardinal)				
3.6.4	Colour				
(a)	Signal body				
(b)	Superstructure				
3.6.5	Focal plane/height (mm), i.e. focal height of the lantern above the water level				
3.6.6	Daytime signals:				
(a)	Colour				
(b)	Shape				
3.6.7	Top brand(s):				
(a)	Colour				
(b)	Format				

3.6.8	Sign material [e.g. metal, plastic, polyethylene, etc.]				
3.6.9	Superstructure material				
3.6.10	Sign body diameter (mm)				
3.6.11	Approximate weight of the sign (kg)				
3.6.12	Towing arrangement (e.g. 36 mm chain & 1 tonne block				
3.6.13	Equipped with radar reflector	Yes		No	
3.7	Sound signal (fog)				
3.7.1	Type of signal (electric, bell, etc.)				
3.7.2	Signal characteristics				
3.7.3	Sound sector (e.g. directional, omnidirectional)				
3.7.4	Range (nautical miles NM)				
3.7.5	Method of switching on and off				
3.8	Racon				
3.8.1	Morse code identity (shape of the racon flash on the ship's radar)				
3.8.2	Signal sector (e.g. 360°)				
3.8.3	Frequency				
(a)	X-band (9320 MHz to 9500 MHz)	Yes		No	
(b)	S-band (2920 MHz to 3100 MHz)	Yes		No	
(c)	Frequency-agile	Yes		No	
3.8.4	Range (nautical miles NM)				
3.9	Automatic Identification System (AIS) AtoN				
3.9.1	MMSI number				

3.9.2	Message 21 content:	
(a)	Type of AtoN	
(b)	Name of AtoN	
3.9.3	List any additional messages to be transmitted	
3.9.4	Range (nautical miles NM)	
3.10	Global Positioning System Differential DGPS	
3.10.1	Station reference number	
3.10.2	Identification number:	
(a)	Reference station	
(b)	Transmitting station	
3.10.3	DGPS correction	
(a)	Transmission Frequency (kHz)	
(b)	Transmission Frequency (bps)	
3.10.4	Range (nautical miles NM)	
3.10.5	Types of messages to be transmitted	
3.10.6	Integrity monitoring	
3.11	Other types of AtoN	
SECTION 4- Reasons for the Need for a New AtoN		

SECTION 5-Signatures				
5	Approval Requesting Entity			
5.1	Name of Entity			
5.2	Name			
5.3	Position			
5.4	Signature			
5.5	Date			
5.2	Entity to whom the AtoN will be provided, if different from 5.1 above			
5.2.1	Name			
5.2.2	Signature			
5.2.3	Date			
5.3	**Approved by AMN**			
5.3.1	Approved		Not approved	
5.3.2	Name (**Administrator for Maritime Safety and Hydrography)**			
5.3.3	Signature			
5.3.4	Date			
Comments:				