

LOPOLIGHT

NAVIGATION LIGHT REFIT PROGRAM

*Four Steps to a Successful
Navigation Light Refit Plan*



STATEN ISLAND FERRY

"One of our ferries recently suffered a major fire and was taken out of commission. It's during such crises that you truly learn about your suppliers."

From the very first phone call, Lopolight stepped up. Their team came on board to survey the damage, developed a step-by-step plan to manage the shifting timetable and access to the vessel, and delivered products on an aggressive schedule. They even showed up to assist with the work on-site. Great company, great people, and outstanding support."

R. Scamell, NYC, Department of Transportation



1. FREE INITIAL COMPLIANCE AND SHIP CHECK:

Our process begins with a free, comprehensive inspection of your vessel's current navigation lights. Our team of experts will assess the condition of your existing lights, checking for any issues that could affect safety, functionality, or compliance. This evaluation also includes a review of the latest maritime regulations to identify any gaps in compliance with standards such as Lloyd's, ABS, USCG, and IMO. This step ensures we have a clear understanding of your vessel's status and needs before moving forward.

The compliance ship check includes the following subjects:

- a) Record make and model of light for later compliance check*
- b) Are all lights working*
- c) Is each position light properly aligned*
- d) Are lenses cracked or hazed over*
- e) Is the cabling to the lights in serviceable condition*
- f) Are NUC / RAM lights present*
- g) Is the vertical spacing for signal lights correct*
- h) Are lights clear from obstruction by antenna, mast, radars*
- i) Is a tow light present*
- j) Is towing Masthead, one or two, present*
- k) Are Ice-class heaters present*
- l) Does the NLC have monitoring with alarm*
- m) Does the NLC have working indicator lights*
- n) How is the NLC powered, primary and secondary*
- o) Which Voltages goes to the NLC*
- p) Does the NLC connect to other bridge systems*
- q) Copy of vessel GA drawing and wiring schematic for lights*
- r) Any dispensations to above, check paperwork*

LOPOLIGHT "GULL SPIKE KIT"

With 3 Gull spikes 140mm long Formed as a ring that mounts on all horizontal mount Lopolights



STAND-BY DE-ICE FUNCTION

An ice-class led navigation light with a built-in heater that actually works with a low power consumption for heating – only 15 watts (20% of the competition)!

2. CUSTOMIZED REFIT PLAN:

Following the initial inspection, we develop a tailored refit plan designed to address the unique needs of your vessel. This plan outlines the necessary upgrades, specifying the types of navigation lights that will best suit your yacht's design and usage. Lopolight's are energy-efficient, low-profile lights that not only meet regulatory standards but also enhance the overall aesthetics of your vessel. Our goal is to ensure the upgrade is both cost-effective and aligned with your preferences and operational requirements.

Instructions from owner:

- a) *Is the boat currently classed or intending to be classed*
- b) *NLC control head is the preference for push button or touchscreen, and other bridge considerations*
- c) *Is there a need for ice-class defrosters – going to the poles*
- d) *Is there a need for Gull-spikes*
- e) *Philosophy on spares, want to purchase or subscribe to Lights 4 Life*
- f) *Timing and location for re-fit*

This enables Lopolight to create a quotation for a precise refit plan that can be actioned any time or place the opportunity arises.





KING BABY

We upgraded our navigation light system, light controller and user interfaces with Lopolight ...The upgrade only required a change of lights themselves using existing cable runs which reduced labor and material costs significantly. .. The touch screen mimic display allows me to quickly change from running operations to anchoring, towing or NUC with one press on the interface. The display complements the look and feel of the bridge with upgraded systems and interfaces.

Shaun Falconer, Senior Captain

M/Y SEALION

"During my tenure as Captain of Sealion, we had a full navigation light refit. We went with Lopolight; not only did the lights look good, but they had a much smaller, more modern profile. The operating computer touch screen was easy to use and displayed the functions and boat profile very nicely, with proper dimming for night navigation.

The Lopolight support network and aftermarket sales were easy to deal with and always responded promptly.

I highly recommend Lopolight to other vessels.." Captain Vorster



3. PROFESSIONAL INSTALLATION:

Once the plan is approved, our certified technicians get to work on the installation. With years of experience in maritime lighting, our team ensures that each navigation light is installed to the highest standards of safety and performance. We handle all aspects of the installation process, from removing outdated fixtures to mounting and wiring the new lights. Our careful attention to detail guarantees that the lights are securely installed and fully operational, minimizing downtime and disruptions.

- a) Ensure all lights and equipment are on site*
- b) Ensure s new stainless-steel hardware is onsite*
- c) Ensure cabling and cable banding available (if needed)*
- d) Is scaffolding/crane in place (if needed)*
- e) Man aloft procedures*
- f) Disposition plan for old lights*
- g) Clean up*



4. FINAL COMPLIANCE CHECK AND TRAINING:

After the installation is complete, we perform a thorough final compliance check.

This involves testing checking the newly installed navigation lights to ensure they function correctly and meet all required maritime regulations..

We verify that your vessel is fully compliant with the latest standards, providing you with a detailed report and certification. Additionally, we offer training for your crew on the proper operation, maintenance, and troubleshooting of the new navigation lights. This hands-on training ensures your team is knowledgeable about the new system, can quickly address any potential issues, and can maintain optimal performance, providing you with confidence and peace of mind for every journey.

- a) Teach in performed*
- b) Programming complete*
- c) Ensure all lights are working*
- d) Group buttons programmed correctly*
- e) Alarms are working*
- f) Prove system to Class/Surveyor*
- g) Train crew members*
- h) Have vessel Engineer sign on system*





SUBSEA RESPONDER II

"I recently attended technical training at Lopolight's factory and was thoroughly impressed with their quality production line. The entire experience—from the training to interacting with the people and seeing the factory firsthand—was first class.

Each lighting system is pre-assembled and tested as a complete unit for twenty-four hours before shipping, which significantly reduces installation time. I appreciated that we could use the existing wiring, saving our customer money. Additionally, Lopolight provided transition plates, allowing us to reuse the existing mast without drilling any new holes to mount the lights.

Overall, both my customer and I were completely satisfied with the installation process and the finished results. I highly recommend Lopolight for their exceptional products and service."

Steve Burke, Wheelhouse Electronics

ENHANCE SAFETY, ENSURE COMPLIANCE, AND OPTIMIZE PERFORMANCE

1. FREE COMPLIANCE SHIP CHECK:

Get a complimentary, no-obligation inspection to evaluate your navigation lights from a regulatory perspective.

2. EXPERT COMPLIANCE SUPPORT:

We ensure your vessel meets all current maritime regulations and safety standards.

3. CUSTOMIZED SOLUTIONS:

Receive tailored recommendations that balance safety, compliance, and budget.

4. MINIMAL DOWNTIME:

Flexible scheduling to fit your operations, minimizing interruption.

5. RELIABLE EXPERTISE:

Benefit from our experienced technicians who specialize in navigation light systems.

6. DEPENDABLE SPARES SUPPORT:

The system has a 5-year 'no-questions-asked' warranty scheme, to augment this we offer a Lights 4 Life subscription bringing spares onboard at a fraction of the cost.



*Lopolight versus
traditional lighting*

EVERY STEP OF THE WAY LOPOLIGHT MAKES IT EASY

Contact Us Now for a Free Ship Check.



Use the QR code to
fill out the form and
we will contact you.



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