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| From: ARM Committee |
| To: ENG Committee |

ENG19-3.1.0.20  
LIAISON NOTE

The need for standardized terms and definitions for remote monitoring systems of Marine AtoN

# INTRODUCTION

A remote monitoring system of marine AtoN may be used to monitor different locations or systems from a central location. A variety of different remote monitoring systems exist which can communicate over a combination of diverse communications networks, such as cellular, terrestrial and satellite radio, microwave links, landline telephone, and Internet. IALA G1008 on Remote Control and Monitoring has been prepared to assist members when they are considering providing a system for the first time, replacing an existing system or updating a system. The Guideline will enable readers to establish the basic operational decision criteria and performance standards for these systems and provide a knowledgeable basis for equipment selection

## Related documents

ARM18-8.4.10 - Terms and definition for remote monitoring of marine AtoN

# DISCUSSION

Major benefits and types of monitoring signals were introduced at the ARM18 meeting. It was agreed that a common data structure would be beneficial for exchange and collection of monitoring signals from various monitoring systems. ARM18 discussed that a new S-200 series product specification could be the direction to prepare the common structure. As a first step, the terms and definitions of monitoring signals should be defined.

When developing S-101, S-125, and S-201 product specifications, various terms related to AtoN structures and equipment are registered in the IHO GI Registry, but there is a lack of terms and definitions concerning AtoN remote monitoring signals. The discussion on a need for a new S-200 product specification for a common structure of monitoring signals was not finalized at ARM18 since it was concluded that ENG Committee input was required.

# ACTION REQUESTED

The ENG Committee is requested to:

1. Consider the issues raised in the discussion, and in the attached report, and take appropriate actions.
2. Consider the development of new S-200 product specification including terms and definitions of monitoring signals.