

## General

Annex I of the MARPOL 73/78 Convention specifies that oil tankers with a gross tonnage of 150 tons and above shall be equipped with an Oil Discharge Monitoring and Control System approved by the Administration.

## CleanTrack 1000 B

The CleanTrack 1000 B system is approved and certified according to IMO Res. MEPC.108(49) and MEPC.1/Circ.761 Rev 1 as amended by MEPC.240(65) for Crude oils, "Black" products, "White" products, and Bio-fuel blends.

The CleanTrack 1000 B system is operating in a fully automatic mode, with automatic operation of the overboard and the slop tank valves, storing all details about the discharge.

The reliable and well proven measuring principle used in the CleanTrack 1000 B system is based on a combination of light transmission and light scattering in different angles.

The sample water stream is fed into the measuring cell by the sample feed pump and is passed through a glass tube where it is exposed to a light beam.

## Approvals

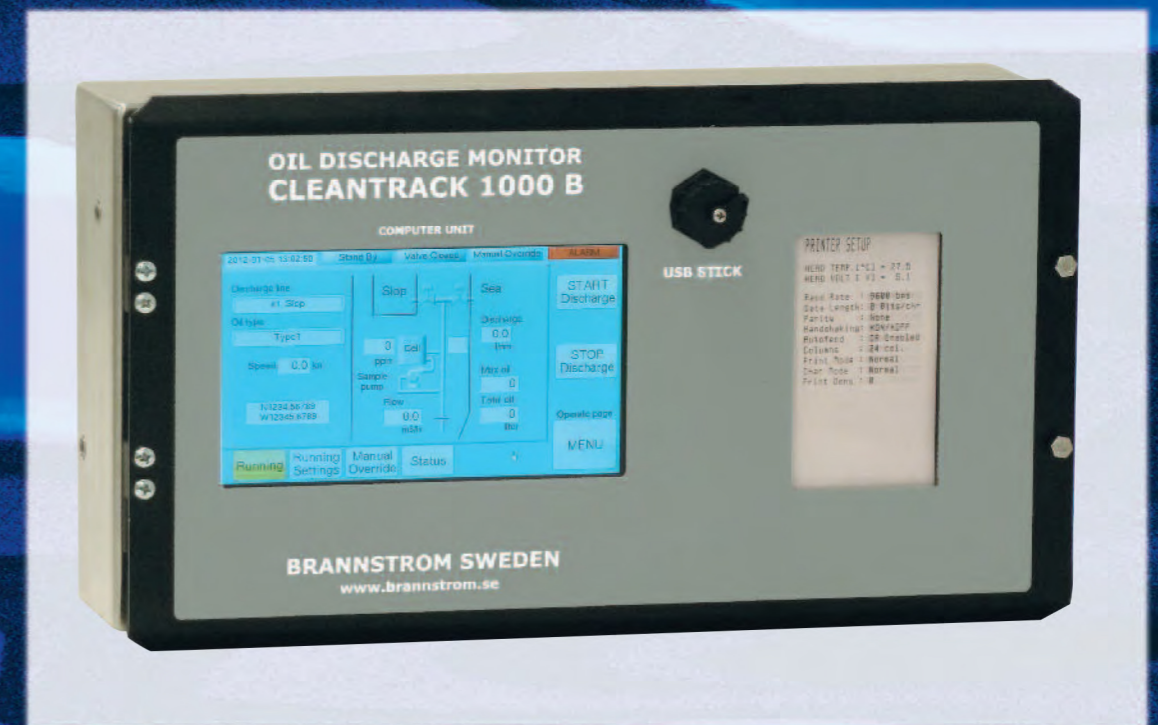
The CleanTrack 1000 B is approved by the Marine Administration as specified in the IMO regulations. In addition to this, the system is type approved by the major classification societies. It has also the "MED" - Marine Equipment Directive approval, for equipment to be installed onboard ships, in accordance with the European Council Directive 96/98/EC. The equipment is also approved for Bio-fuel blends.

## Main Features

- Approved for all Bio-fuel blends
- No permanent fresh water connection needed
- Less cabling, less piping, flexible layout
- Installation even without hot work
- Simple method for onboard calibration
- Easy for installation on existing ships
- User instructions on screen

## OIL DISCHARGE MONITORING AND CONTROL SYSTEM

# CleanTrack 1000 B



Certified according to MEPC.108(49)  
and MEPC.1/Circ.761 Rev (Bio-fuel blends)  
as amended by MEPC.240(65).

Approved for  
**Bio-fuel  
blends**

**INSATech**

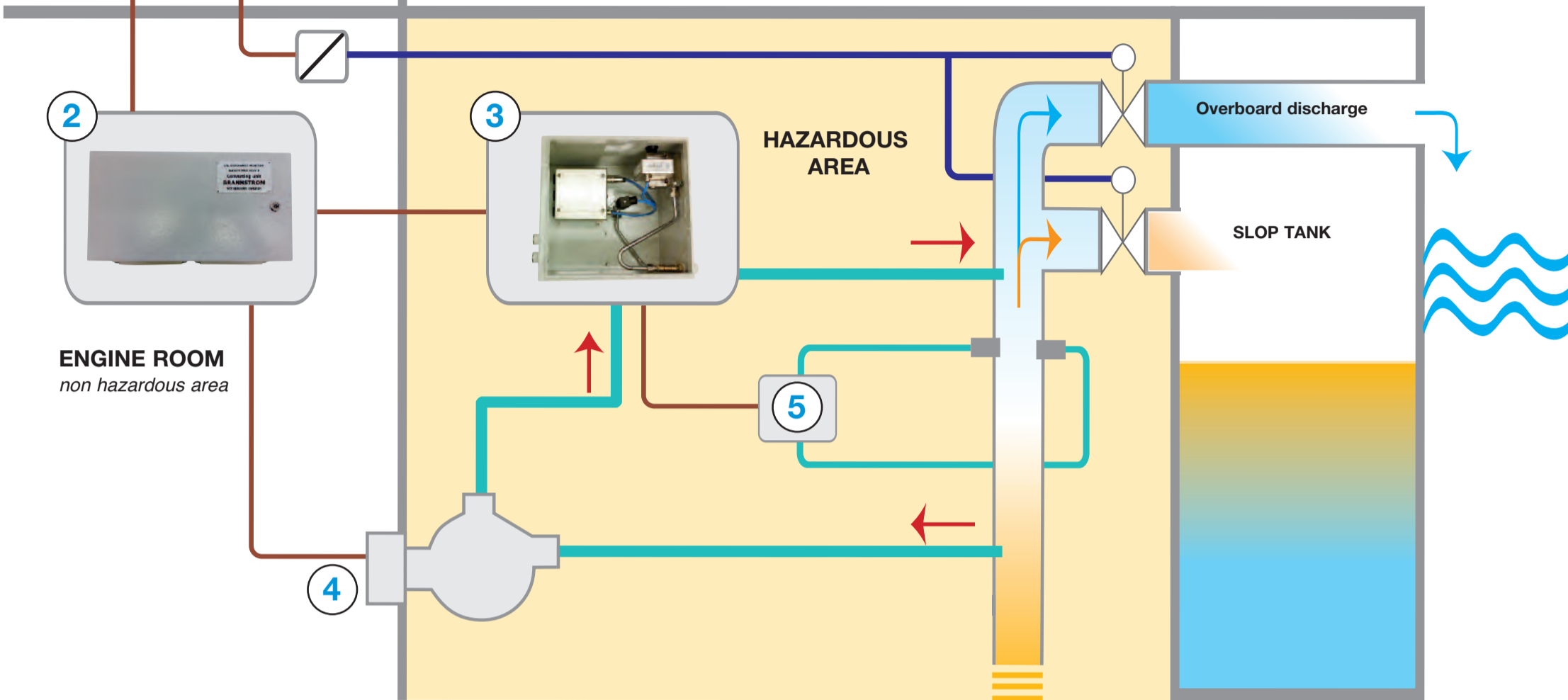
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CARGO CONTROL ROOM

# Oil discharge monitoring and control system

With bulkhead mounted or built-in sample pump



CARGO CONTROL ROOM

- 1 Computer unit
- 2 Converting unit
- 3 Analysing unit
- 4 Sample pump *bulkhead mounted or built-in*
- 5 Flow meter

— Electrical cable    — Pneumatic pipe    — Sample water

