



# NOFI SWEEP SYSTEMS



## Inventory

	<i>Great Lakes</i>	<i>Québec</i>	<i>Atlantic</i>	<i>Total</i>
NOFI-1000	-	-	1	1
NOFI-600	-	2	2	4
<b>Total</b>	-	<b>2</b>	<b>3</b>	<b>5</b>

## Application

The NOFI Sweep System is a wide-swath oil containment system suitable for use in unsheltered waters. The sweep system is deployed from a vessel or large recovery barge, used as the platform for the operation of the skimmer and for storage of recovered liquid. A second vessel is required to pull the lead arm of the sweep.

## Description

The system is comprised of two boom sections: 1) the v-shaped boom section that provides an oil collection point; and, 2) the guide boom section that deflects oil into the v-section. The NOFI system utilizes a cross bridle line and a trawl net in the v-section to control the shape of the sweep. The small area created by the v-section, results in a thicker layer of oil accumulating at the apex. The NOFI 600 is single container system that can be deployed from offshore support vessels, barges or tugs. The NOFI 1000 is designed as a two-container system that must be deployed from offshore support vessels that are large enough to accommodate 20' ISO containers.

## Operating Data

	<u>NOFI-600</u>	<u>NOFI-1000</u>
Advancing rate:	1.5 knots max.	1.5 knots max.
Swath width:	100 m	200 m

## Ancillaries

Diesel hydraulic power unit  
Gas powered boom inflators

## Technical Data

	<u>NOFI-600</u>	<u>NOFI-1000</u>
Boom overall height:	1.2 m (4 ft 0 in)	2.4 m (7 ft 9 in)
Boom draft:	0.6 m (2 ft 0 in)	1.0 m (3 ft 3 in)
Boom freeboard:	0.6 m (2 ft 0 in)	1.4 m (4 ft 6 in)
Length of guide boom:	100 m (330 ft)	270 m (900 ft)

ECRC~SIMEC  
Suite 1201, 275 Slater Street, Ottawa K1P 5H9  
Phone (613) 230-7369 Fax (613) 230-7344  
Web: [www.ecrc-simec.ca](http://www.ecrc-simec.ca)