

NOFI SWEEP SYSTEMS



Inventory

	Great Lakes	Quebec	Atlantic	Total
NOFI-1000	-	-	1	1
NOFI-600	-	2	2	4
Total	-	2	3	5

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 for NOFI-600
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 draught:	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)