

S300-BV-CAT-020

OIL CONTAINMENT BOOM SYSTEM, 18" HARBOR BOOM

System - P19070



18" Non-Inflatable Boom Van VA0907 (Exterior)



18" Non-Inflatable Boom Van VA0907 (Interior)

18" Harbor Boom Oil Containment Boom System P19070

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OIL CONTAINMENT BOOM SYSTEM, 18" HARBOR BOOM

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The 18" Harbor Boom Oil Containment Boom System P19070 is the primary containment equipment at an oil spill site in shallow calm water, rivers and canals. This curtain boom, with internal solid log flotation and enclosed chain ballast, uses ASTM connectors to facilitate integration of the boom with boom used by Naval and commercial facilities worldwide. The system consists of 2000' of 18" boom packaged in a 20' ISO container with the associated anchors, lines, and support equipment required to deploy the boom. Personnel and small craft are required to fully support deployment. The Oil Containment Boom System P19070 is portable and maintained in a state of readiness for rapid deployment to a spill site.

System Components for P19070

Alternates

ESSM No	Nomenclature	Type	Qty	NS	Cont
VA0907	VAN, 18" NON-INFLATABLE BOOM	BL	1		Y
BM0770	BOOM, OIL CONTAINMENT, FOAM FILLED, 18" X 100'	Contents	20		
BM0771	ANCHOR BOX, 48" X 40" X 52"	Contents	1		
BM0772	EQUIPMENT BOX, 48" X 40" X 52"	Contents	1		

Baseline verified on 1/28/2014, * Not shown in catalog.

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ESSM - VA0907 VAN, 18" NON-INFLATABLE BOOM



18 Non-Inflatable Boom Van VA0907

The 18 Non-Inflatable Boom Van VA0907 is a 20' ISO storage and shipping container for 2000' feet of 18" foam filled Oil Containment Boom, an anchor box, a supporting equipment box, sorbent pads, and a set of container lifting slings. In addition, four helix screw anchors are stored on the inside of the door.

Specifications

Type	Description	Qty
Manufacturer	ESSM Facility	
Model	VA0907	

Physical Characteristics

Type	Descriptions		
	Shipping		
Length	20 ft, 0 in		
Width	8 ft, 0 in		
Height	8 ft, 0 in		
Cube	1280 cu ft		
Footprint	160 sq ft		
Weight	11500 lbs		

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References

Ref No	Reference
1	None

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ESSM - BM0770 BOOM, OIL CONTAINMENT, FOAM FILLED, 18" X 100'



18" x 100' Foam Filled Oil Containment Boom BM0770

The 18" x 100' Foam Filled Oil Containment Boom BM0770 is constructed of 28 oz urethane over a leno based weave of high strength nylon cloth that resists abrasions, gouging, oil, and saltwater. The standard 100-ft section has 26, 30" long, 6-inch diameter solid log flotation chambers. A 14-inch piece of fabric separates adjoining flotation logs and provides flexibility for the boom. Each 100' section is thermo welded, with no stitched seams that can pull apart. The boom has a skirt that extends 9 inches below the flotation chambers for containing the oil. A 5/16" galvanized chain runs through a reinforced pocket on the bottom of the skirt. This chain acts as a ballast/tension member to keep the skirt in a vertical position. There are lifting handles between every other flotation chamber to facilitate deployment and recovery of the boom. Anchor points in both end plates as well as in the midpoint of each 100' section of boom provide adequate securing points. The boom is a highly visible orange color with a SUPSALV logo on each end.

Specifications		
Type	Description	Qty
Manufacturer	Applied Fabrics Tech	
Model	CS-U-18NC	
Ballast chain	5/16"	
Draft	12"	
Freeboard	6"	
Float diameter	6"	
Tensile strength	15,000 lbs	

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Physical Characteristics

Type	Descriptions		
	Shipping	Operating	
Length	8 ft, 0 in	100 ft, 0 in	
Width	8 ft, 0 in	0 ft, 6 in	
Height	1 ft, 8 in	1 ft, 8 in	
Cube	107 cu ft	84 cu ft	
Footprint	64 sq ft	50 sq ft	
Weight	200 lbs	200 lbs	

References

Ref No	Reference
1	None

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ESSM - BM0771 ANCHOR BOX, 48" X 40" X 52"



Boom Anchor Box BM0771

The Boom Anchor Box BM0771 is an extruded heavy-duty plastic box used for storing 20 aluminum Fortress anchors that support the 2000' of boom in the 18" Harbor Boom Oil Containment Boom System P19070. The anchor box measures 48 x 40 x 52 and contains 20 Fortress Guardian G23 13-lb anchors, associated 3/8 chain leads, 1/2" anchor lines, crown buoys, and 3/8" crown lines.

Specifications		
Type	Description	Qty
Manufacturer	ESSM Facility	
Model	BM0771	
This box contains the following items		
Anchor box, 48" x 40" x 52"		
Anchor with 10" chain, 3/8" swivel	1/2" screwpin, 3/8" safety shackle	20
Buoy, 18" w/ 3/8" polypro line 5' long	soft eye each end	20
18" Boom anchoring system drawing		1
Inventory, laminated		1
Line, polypro, 1/2" x 10'	hard eye and soft eye ends	60
Line, polypro, 1/2" x 20'	soft eye each end	60

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Specifications

Type	Description	Qty
Line, polypro, 1/2" x 40'	soft eye each end	30
Line, polypro, 3/8" x 10'	hard eye and soft eye ends	30
Line, polypro, 3/8" x 20'	soft eye each end	30
Pump, hand, high pressure valve		1
Shackle, safety, 3/8"		40

Physical Characteristics

Type	Descriptions		
	Shipping		
Length	4 ft, 0 in		
Width	3 ft, 4 in		
Height	4 ft, 4 in		
Cube	58 cu ft		
Footprint	14 sq ft		
Weight	1100 lbs		

References

Ref No	Reference
1	None

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ESSM - BM0772 EQUIPMENT BOX, 48" X 40" X 52"



48" x 40" x 52" Equipment Box BM0772

The 48" x 40" x 52" Equipment Box BM0772 is a heavy duty extruded box with drop sides used to store and transport the ancillary equipment for 18" Harbor Boom BM0770. The equipment basket contains a patching kit, basic hand tools, 8 boom bridles with 50' tows, 24 boom light assemblies, batteries, and one 600' reel each of 1/2" anchor and 3/8" crown line.

Specifications		
Type	Description	Qty
Manufacturer	ESSM Facility	
Model	BM0772	
This box contains the following major items:		
Equipment box, 48" x 40" x 52"		1
Battery, AA		96
Inventory, laminated		1
Light pole w/float		4
Line, polypro, 1/2" x 600'		1
Line, polypro, 3/8" x 600'		1
Storage box, plano 10 7/8" x 13" x 17", orange		1

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Specifications

Type	Description	Qty
Misc. tools		
Storage box, plano 10 7/8" x 13" x 17", orange		1
Light brackets		20
Storage box, plano 10 7/8" x 13" x 17", orange		1
Light, amber, w/bracket		24

Physical Characteristics

Type	Descriptions		
	Shipping		
Length	4 ft, 0 in		
Width	3 ft, 4 in		
Height	4 ft, 4 in		
Cube	58 cu ft		
Footprint	14 sq ft		
Weight	475 lbs		

References

Ref No	Reference
1	None