

# 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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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 |
|---------------|--|----------|-----|----|------|
| <b>VA0907</b> | 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

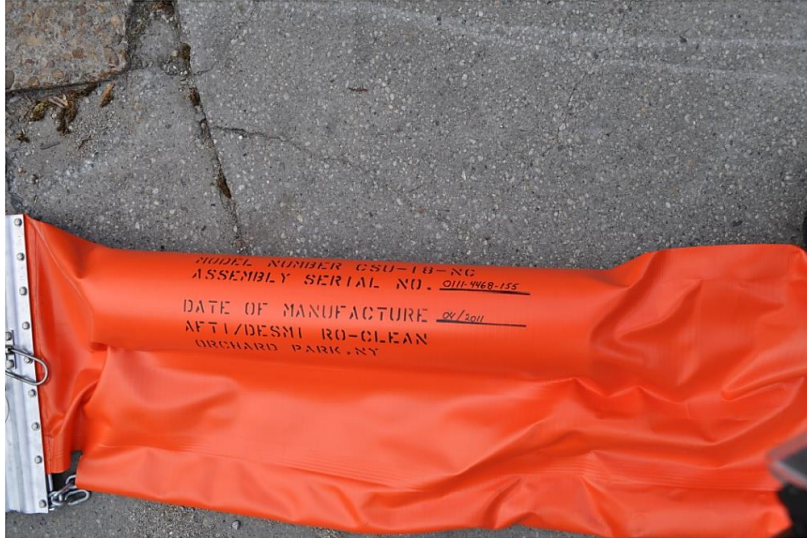
| Ref No | Reference |
|--------|-----------|
| 1      | None      |

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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' toelines, 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      |