

# PARATECH®

## *DAMAGE CONTROL SHORING*



CERTIFICATE NO.  
ISO9001:2008



[www.paratech.com](http://www.paratech.com)



# DAMAGE CONTROL SHORING



I-Type, can be used vertically or horizontally and is the simplest and strongest as it is parallel to the load axis (see table).



H-Type, can be used vertically or horizontally and takes moderate pressure (see table) as the pressure acts perpendicular to the load axis.



K-Type, can be used vertically or horizontally and takes full pressure (see table) as the pressure acts parallel to the load axis.

The most important factor you get with Paratech's DCS is **time!** With incoming water comes increasing depth and with that, higher water pressure...one of the most unforgiving vicious cycles has begun. To break the cycle you need **time...time** to build shoring that can slow the incoming water enough for the pumps to keep up... Paratech Damage Control Shoring will provide that break.

The **Paratech Damage Control Shoring (DCS)** brings maritime damage control shoring into the 21st century. Speed, strength, flexibility and capability are the hallmarks of Paratech's DCS. Everything about the system has been engineered to simplify the difficult task Damage Control Teams have to face in the harsh and often dangerous working environments they have to perform in. With the Paratech DCS you will achieve setup speeds never seen with any wood-based system. A standard K brace can be set and fitted within one minute by an experienced team. The system is very logical and user-friendly for inexperienced crew members as well. All components of Paratech's DCS are machined from aircraft grade aluminum for superior strength and hard-coat anodized for maximum salt-spray protection. Designed to last and perform, the DCS makes damage control shoring faster, safer and easier than ever before.

## SHORING

Placing support against, beneath or above the damaged areas and preventing additional sagging, bulging and metal fatigue.

Length		Axial load 2:1	
Feet	cm	lb	kg
1'	30.5	44000	20000
2'	61.0	44000	20000
3'	91.4	44000	20000
4'	121.9	44000	20000
5'	152.4	44000	20000
6'	182.9	44000	20000
7'	213.4	44000	20000
8'	243.8	40000	18000
9'	274.3	32000	14500
10'	304.8	24000	11000
11'	335.3	20000	9000
12'	365.8	16000	7250
13'	396.2	14000	6250
14'	426.7	12000	5500
15'	457.2	9000	4000
16'	487.7	6000	2750

# KITS

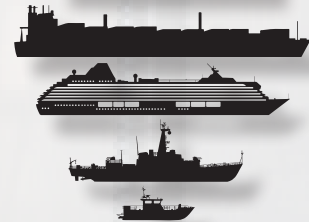
## DAMAGE CONTROL KIT-A 22-79800AK

The Damage Control Kit-A is designed for vessels larger than 260ft (80m), such as Frigates, Corvettes, Cruise ships and Tankers. \*Multiple kits should be positioned.

### Consisting of:

Qty	Part No.	Description
4	22-798S03	Damage Control Shore 03
4	22-798S06	Damage Control Shore 06
4	22-798S10	Damage Control Shore 10
6	22-798B01	Damage Control Brace 01
3	22-798X01	Damage Control Extension 01
3	22-798X02	Damage Control Extension 02
2	22-798X04	Damage Control Extension 04
12	22-798E00	Damage Control Rubber End
2	22-798E02	Damage Control Rail End 02
1	22-798E04	Damage Control Rail End 04
1	22-798E06	Damage Control Angled End
8	22-798E08	Damage Control Rubber Corner End
2	22-798E10	Damage Control Rubber Angled End
16	22-798C10	Damage Control Latch Connector
12	22-798C20	Damage Control Clamp & Clevis Connector
10	22-798A00	Damage Control Rubber Pad
4	22-798A10	Damage Control End Latch Holder
4	22-798027	Damage Control Spanner

# Of Decks	Qty Of Kit-A
6	3
10	4
12	4
14	6
16	8



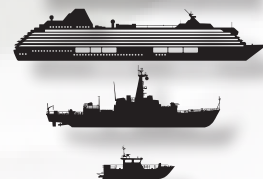
## DAMAGE CONTROL KIT-B 22-79800BK

The Damage Control Kit-B is designed for vessels between 165ft (50m) and 260ft (80m), such as Minesweepers, Workboats and small Ferries. \*Multiple kits should be positioned.

### Consisting of:

Qty	Part No.	Description
2	22-798S03	Damage Control Shore 03
2	22-798S06	Damage Control Shore 06
2	22-798S10	Damage Control Shore 10
2	22-798X01	Damage Control Extension 01
2	22-798X02	Damage Control Extension 02
1	22-798X04	Damage Control Extension 04
4	22-798B01	Damage Control Brace
10	22-798E00	Damage Control Rubber End
1	22-798E02	Damage Control Rail End 02
1	22-798E04	Damage Control Rail End 04
1	22-798E06	Damage Control Angled End
5	22-798E08	Damage Control Rubber Corner End
1	22-798E10	Damage Control Rubber Angled End
12	22-798C10	Damage Control Latch Connector
8	22-798C20	Damage Control Clamp & Clevis Connector
3	22-798A10	Damage Control End Latch Holder
2	22-798027	Damage Control Spanner
7	22-798A00	Damage Control Rubber Pad

# Of Decks	Qty Of Kit-B
2	2
6	3
10	4





# KITS

## **DAMAGE CONTROL KIT-C** 22-79800CK

The Damage Control Kit-C is designed for vessels between 100ft (30m) and 200ft (60m), such as Patrol vessels and smaller Workboats. \*Multiple kits should be positioned.

### **Consisting of:**

Qty	Part No.	Description
2	22-798S03	Damage Control Shore 03
2	22-798S06	Damage Control Shore 06
1	22-798S10	Damage Control Shore 10
2	22-798X01	Damage Control Extension 01
1	22-798X02	Damage Control Extension 02
1	22-798X04	Damage Control Extension 04
3	22-798B01	Damage Control Brace
6	22-798E00	Damage Control Rubber End
1	22-798E02	Damage Control Rail End 02
1	22-798E04	Damage Control Rail End 04
1	22-798E06	Damage Control Angled End
2	22-798E08	Damage Control Rubber Corner End
1	22-798E10	Damage Control Rubber Angled End
9	22-798C10	Damage Control Latch Connector
5	22-798C20	Damage Control Clamp & Clevis Connector
3	22-798A10	Damage Control End Latch Holder
2	22-798027	Damage Control Spanner
7	22-798A00	Damage Control Rubber Pad

# Of Decks	Qty Of Kit-C
2	1
6	2
10	3



## **DAMAGE CONTROL KIT-D** 22-79800DK

The Damage Control Kit-D is designed for smaller vessels under 100ft (30m).

### **Consisting of:**

Qty	Part No.	Description
2	22-798S03	Damage Control Shore 03
1	22-798S10	Damage Control Shore 10
1	22-798B01	Damage Control Brace
3	22-798E00	Damage Control Rubber End
1	22-798E02	Damage Control Rail End 02
2	22-798E08	Damage Control Rubber Corner End
3	22-798C10	Damage Control Latch Connector
3	22-798C20	Damage Control Clamp & Clevis Connector
1	22-798027	Damage Control Spanner
4	22-798A00	Damage Control Rubber Pad

# Of Decks	Qty Of Kit-D
2	1
6	2



# COMPONENTS

## DAMAGE CONTROL SHORES

Damage Control Shores offer the end user the ability to manually extend the shore to desired length. The Damage Control Shore always defaults to a locked position.



Part No.	Description	Length: in/cm	Net Weight: lb kg		Ship Weight: lb kg	
22-798S03	Damage Control Shore 03	25-36 in/66-91 cm	13.7	6.2	14.7	6.7
22-798S06	Damage Control Shore 06	47-73 in/122-185 cm	26.0	11.8	27.0	12.3
22-798S10	Damage Control Shore 10	71-116 in/183-295 cm	39.3	17.8	40.3	18.3

## DAMAGE CONTROL EXTENSIONS

Paratech offers Damage Control Extensions in three sizes: 12" / 30.5 cm, 24" / 61 cm and 48" / 122 cm. Extensions are attached to the solid end of the shore.



Part No.	Description	Length: in/cm	Net Weight: lb kg		Ship Weight: lb kg	
22-798X01	Damage Control Extension 01	12 in/30.5 cm	6.3	2.9	7.3	3.3
22-798X02	Damage Control Extension 02	24 in/61 cm	9.4	4.3	10.4	4.8
22-798X04	Damage Control Extension 04	48 in/122 cm	15.4	7.0	16.4	7.4

## DAMAGE CONTROL BRACE

Greatly extend the flexibility and strength of your Paratech Damage Control System with a heavy duty brace



Part No.	Description	Length: in/cm	Net Weight: lb kg		Ship Weight: lb kg	
22-798B01	Damage Control Brace	26 in/66 cm	15.0	6.8	16.0	7.3

## DAMAGE CONTROL ENDS

6 different system ends for flexibility in shore placement. Rubber ends allow for consistent contact where hull flex is an issue.



Part No.	Description	Length: in/cm	Net Weight: lb kg		Ship Weight: lb kg	
22-798E00	Damage Control Rubber End	4 in / 10.2 cm	1.9	.9	2.2	1.0
22-798E02	Damage Control Rail End 02	24 in / 61 cm	6.8	3.1	7.3	3.3
22-798E04	Damage Control Rail End 04	48 in / 122 cm	13.8	6.3	14.5	6.6
22-798E06	Damage Control Angled End	7.6 in / 19.3 cm	2.9	1.3	3.2	1.6
22-798E08	Damage Control Rubber Corner End	6.81 in / 17.30 cm	6.3	2.8	6.3	2.8
22-798E10	Damage Control Rubbered Angled End	9.25 in / 23.50 cm	5.4	2.4	5.7	2.6

## DAMAGE CONTROL CONNECTORS

Part No.	Description	Net Weight: lb kg		Ship Weight: lb kg	
22-798C10	Damage Control Latch Connector	3.2	1.5	3.5	1.6
22-798C20	Damage Control Clamp & Clevis Connector	6.6	3.0	6.9	3.1



## DAMAGE CONTROL ACCESSORIES

Part No.	Description	Length: in/cm	Net Weight: lb kg		Ship Weight: lb kg	
22-798A00	Damage Control Rubber Pad	6.75 in/17.12 cm	.96	.45	.99	.45
22-798A10	Damage Control End Latch Holder	15.0 in/38.1 cm	4.1	1.9	4.6	2.1
22-798027	Damage Control Spanner	13.23 in/33.60 cm	.55	.25	.58	.26





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