


**Attachment F-Towing References**

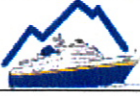

 <p>Alaska's Marine Highway FERRYALASKA.COM</p>	<b>Fairweather Class Route Operational Manual Prince William Sound Routes</b>	Revision 1 April 2006
<b>2000 HSC Code:</b>	18.2.2.4 – Rescue Assistance	
<b>Title:</b>	Section 4.4 – Towing Procedure	
<b>ISM Code:</b>	Section 8	Page 1 of 1

**Procedure** The purpose of this procedure is to set forth guidelines for towing the Fairweather Class vessel.

**Responsibility** The Master has overall responsibility for the ship and crew during a towing procedure.

**Procedure** *See Section 15 of the High Speed Craft Operating Manual.*  
Where towage is to be from more than one point, a suitable bridle shall be provided.  
The maximum permissible speed at which the craft may be towed is 5 knots and is included in the High Speed Craft Operating Manual.

**Reference** 2000 HSC Code, Chapter 6.3  
High Speed Craft Operating Manual Section 15, page 1

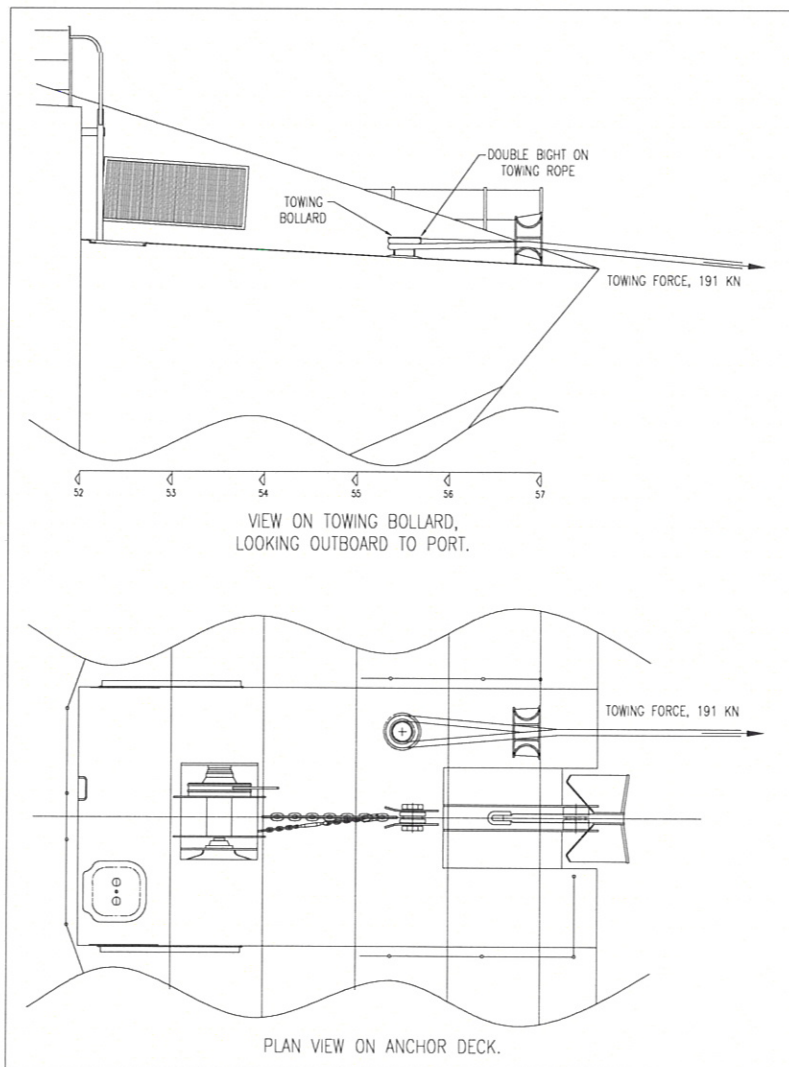
	<b>Craft Operating Manual</b>	<i>M/V Fairweather</i>	<b>Section 15</b> <b>Page 1</b>
<b>HSC Code:18.2.1.15</b>	<b>Maximum Towing Speeds and Towing Loads</b>		
<b>Spin No.:</b>			
<b>ISM Code:</b>			

**Maximum Permissible Towing Speed and Loads**

The towing arrangements are in accordance with DNV HSLC Pt.3 Ch.5 Sec.3.

Design Towing Force = 191 kN

Maximum Towing Speed = 5 knots



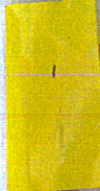
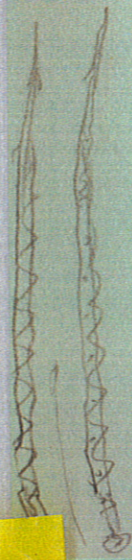


## 1 Towing

- 1.1 Adequate arrangements shall be provided to enable the craft to be towed in the worst intended conditions. Where towage is to be from more than one point, a suitable bridle shall be provided.
- 1.2 The towing arrangements shall be such that any surface against which the towing cable may chafe (for example, fairleads) is of sufficient radius to prevent the cable being damaged when under load.
- 1.3 The maximum permissible speed at which the craft may be towed shall be included in the craft operating manual.

## 4 Berthing

- 4.1 Where necessary, suitable fairleads, bitts and mooring ropes shall be provided.
- 4.2 Adequate storage space for mooring lines shall be provided such that they are readily available and secured against the high relative wind speeds and accelerations which may be experienced.



NAV.

