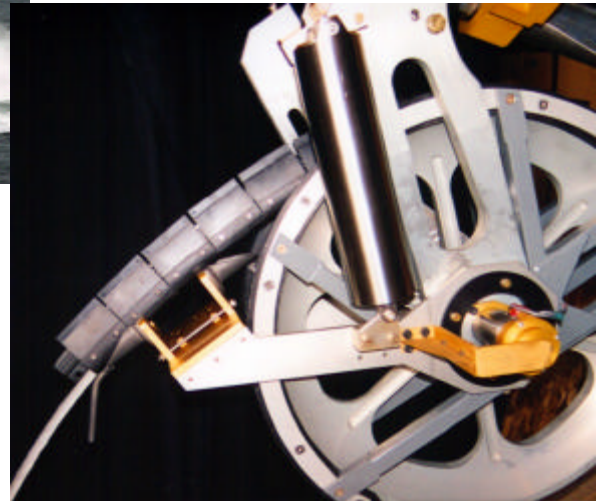


TufNose Fairings

The unique, drag reducing fairing system that eliminates strumming



- ❑ Drag reducing, increases tow vehicle depth, or multi-cable spread and decreases vessel fuel consumption
- ❑ 80% to 85% drag reduction over bare cables or hairy fairings
- ❑ eliminates strumming to increase cable life
- ❑ proprietary Modified Fairing/ Anti Stacking Ring anchors fairing module segments to allow free-swiveling, alignment to flow
- ❑ several kilometers in service on naval applications and seismic tow cables and ropes
- ❑ available for many cable diameters

Document M-10003-0

Installation

Installation is recommended to be performed by ODIM personnel, at our facility. It is also possible to be field installed by the user.

1. ASR (Anti-Stacking Ring)

- ASR anchors securely to any type of cable utilizing a time tested process



S.S. ASR



BONDED ASR

2. Modified Fairing

- Install Modified Fairing over the ASR and secure (s.s. screws)



3. TufNose Fairing

- Install TufNose Fairings



TufNose Fairing System (rigid,sectional fairing)

Coefficient of Drag: approx. 0.15

Model No.	Cable dia. (in)	Cable dia. (mm)	Fairing length	Overall height	Fairing width	Weight of 1 assy (grams)	Fastening Method	Fastener Material
TN325	0.33	8.5	102	65	14	43	Sleeves & Rivets	Stainless
TN400	0.40	10	102	65	14	41	Sleeves & Rivets	Stainless
TN450	0.45	11.5	76	61	16	37	Sleeves & Rivets	Stainless
TN510	0.51	13	76	74	19	50	Screws	Stainless
TN660	0.66	17	102	89	24	97	Sleeves & Rivets	Aluminum
TN690	0.69	17.5	102	89	24	92	Sleeves & Rivets	Aluminum
TN865	0.89	22.5	80	126	32	136	Screws	Stainless
TN1125	1.13	28.5	102	137	38	228	Screws	Stainless
TN1600	1.60	40.5	140	186	49	498	Screws	Stainless

Summary:

The TufNose fairing system is designed for field installation, and can be installed on terminated cables. TufNose can be wrapped in a single layer on a grooved winch drum (it has also been used on systems where the fairings are wrapped in a "tail up" configuration on top of bare layers of tow cable.

TufNose comes in standard black colour (UV-stabilized, advanced thermoplastic material).

Each fairing assembly is comprised of: (1) nose piece; (1) tail piece; (1) interconnecting link; (1) fastener set
Special "notched" fairings are supplied for location at each anti-stacking ring

TufNose has been in service, primarily on naval towed sonar systems, since 1994.

TufNose can be used on rope, bare tow cables or wires, sheathed or braided cables.