



AIMS Talon System

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**VIV Suppression Systems
(Strakes and Fairings)**

**ROV Friendly Strakes
and Fairings**

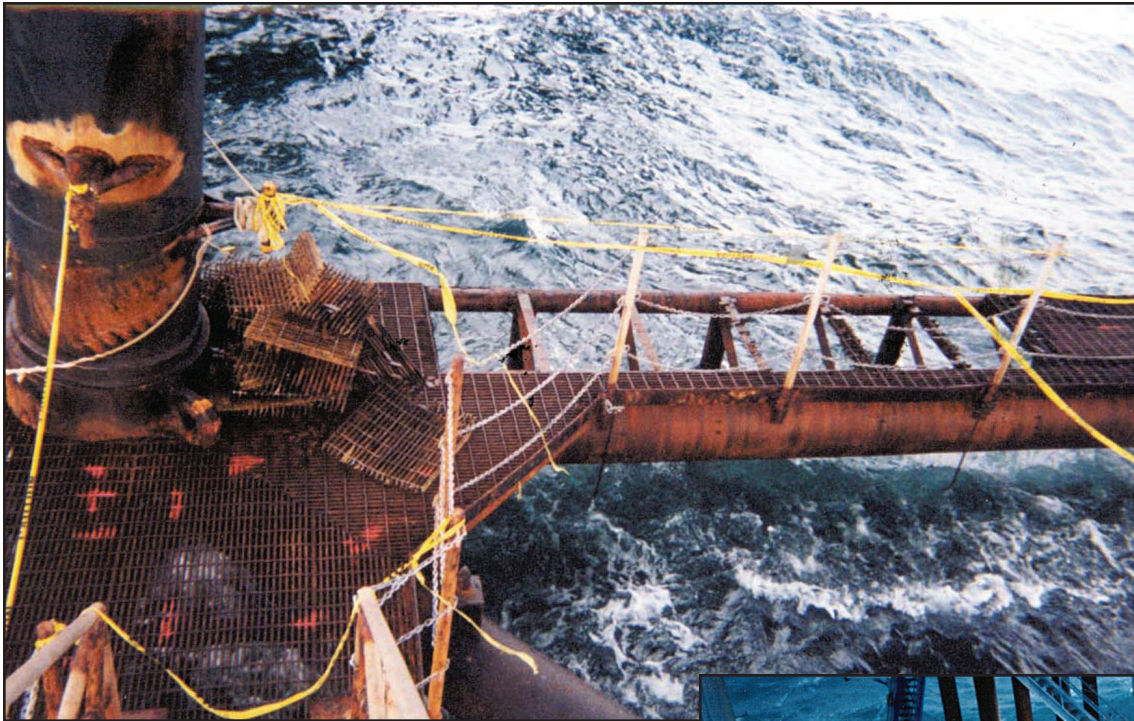
Fiberglass Grating Systems

**Fiberglass Structures, Ladders,
Handrails and Stairs**

Fiberglass Mudmats



The Talon™ System



The Talon™ System (US Patent Numbers 5911664 & RE40217) is an innovative attachment system that was developed and patented by AIMS for the purpose of mechanically fastening a molded fiberglass grating to the framing members of an offshore platform subjected to wave action. It is an all 316 stainless steel mechanical fastening system, that when designed by AIMS and installed in accordance with AIMS' specifications and requirements, comes with a WASHOUT WARRANTY. Please see the Example Washout Warranty on Page 15 of this brochure. The Talon™ System is designed to resist the most severe wave forces exerted by hurricanes and typhoons, even a Category 5 storm. In laymen's terms, the guarantee states that if a panel of our grating is washed out due to wave action of any kind, AIMS will provide free labor and replacement materials to restore the grating system back to its original integrity. Please contact AIMS for details on the comprehensive wavezone washout warranty.

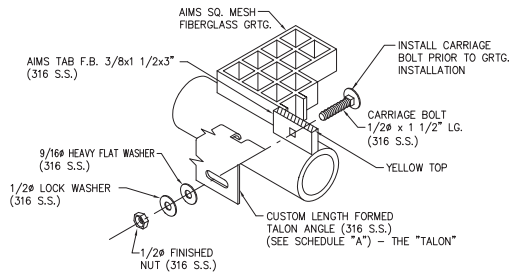


Wavezone Installation Accessories

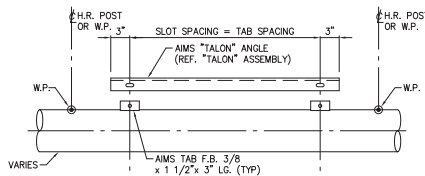
Installation Accessories for The Talon™ System

Wavezone Talon™ Angle

PATENTED



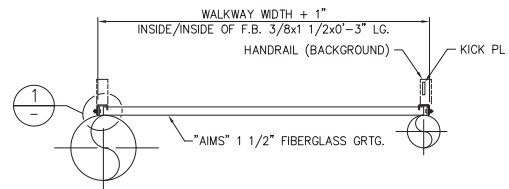
"TALON" ASSEMBLY
NTS



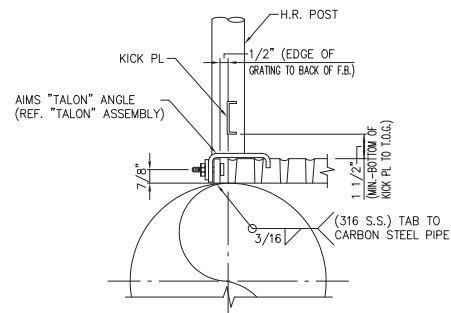
MARK	QTY	REF DIM	TAB QUANTITY (AND SPACING)	JACKET	REF DIM	"TALON" LENGTH	DESCRIPTION
TA10	0	SEE PLAN	2 TABS AT 6" = 6"	SEE PLAN	1'-0"	(316 S.S.)	
TA16	0	SEE PLAN	2 TABS AT 1'-0" = 1'-0"	SEE PLAN	1'-6"	(316 S.S.)	
TA26	0	SEE PLAN	3 TABS AT 1'-0" = 2'-0"	SEE PLAN	2'-6"	(316 S.S.)	
TA36	0	SEE PLAN	4 TABS AT 1'-0" = 3'-0"	SEE PLAN	3'-6"	(316 S.S.)	
TA46	0	SEE PLAN	5 TABS AT 1'-0" = 4'-0"	SEE PLAN	4'-6"	(316 S.S.)	
TA16NT	0	SEE PLAN	2 TABS AT 1'-0" = 1'-0"	SEE PLAN	1'-6"	(316 S.S.) NO TEETH	

Wavezone Talon™ Angle

PATENTED



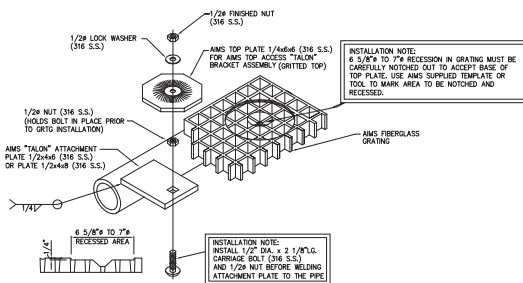
TYPICAL SECTION THROUGH GRATING WALKWAY
NTS



DETAIL
SCALE N.T.S.

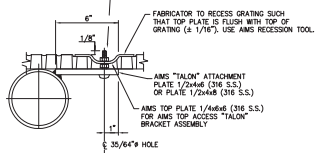
Wavezone Top-Mount Bracket

PATENTED



TOP ACCESS "TALON" BRACKET ASSEMBLY
NTS

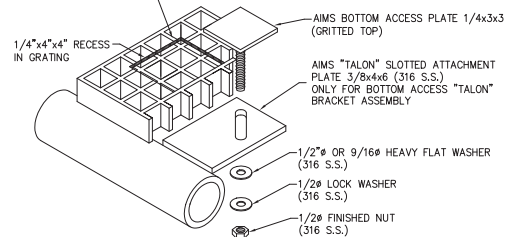
NOTE TO JACKET FABRICATOR:
DURING THE IN-YARD INSTALLATION OF THE AIMS FIBERGLASS GRATING SYSTEM, IT NEEDS TO BE POINTED OUT THAT, AFTER ASSEMBLY, THE BOLT USED IN THE TOP ACCESS "TALON" BRACKET ASSEMBLY WILL STICK UP ABOVE THE TOP SURFACE OF THE GRATING BY 1/8 INCH. THE INSTALLATION CONTRACTOR SHALL SHOW THE BOLT TO BE FLUSH WITH THE TOP OF GRATING. THIS PROCESS HELPS TO ENSURE THAT THE HANDRAIL DOES NOT LOOSEN.



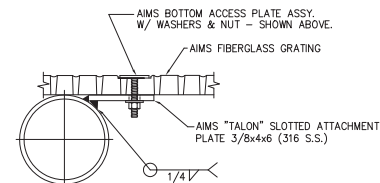
TOP ACCESS "TALON" BRACKET ASSEMBLY
NTS

Wavezone Bottom-Mount Bracket

FABRICATOR TO RECESS GRATING SUCH THAT TOP PLATE IS FLUSH WITH TOP OF GRATING (± 1/16") USE CIRCULAR SAW W/ ABRASIVE WHEEL, SET DEPTH TO 1/4", AND USE LIKE A ROUTER. SEAL EXPOSED EDGES.



BOTTOM ACCESS "TALON" BRACKET ASSEMBLY
(TYPICALLY USED TO ATTACH THE TOP TREAD OF A WAVEZONE STAIR)



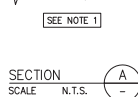
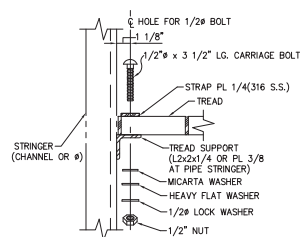
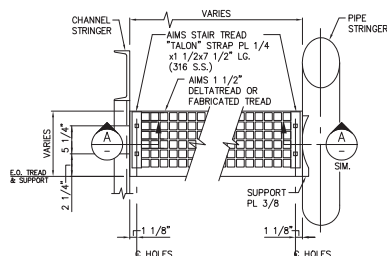
BOTTOM ACCESS "TALON" BRACKET ASSEMBLY
(TYPICALLY USED TO ATTACHED THE TOP TREAD OF A WAVEZONE STAIR)

Wavezone Installation Accessories

Installation Accessories for The Talon™ System

Wavezone Stair Treads

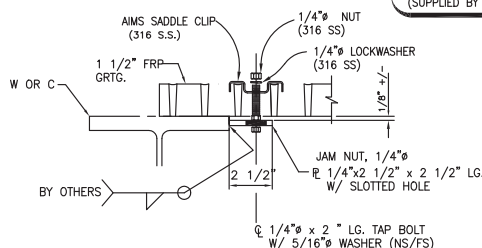
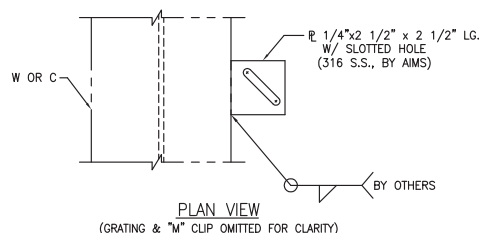
PATENTED



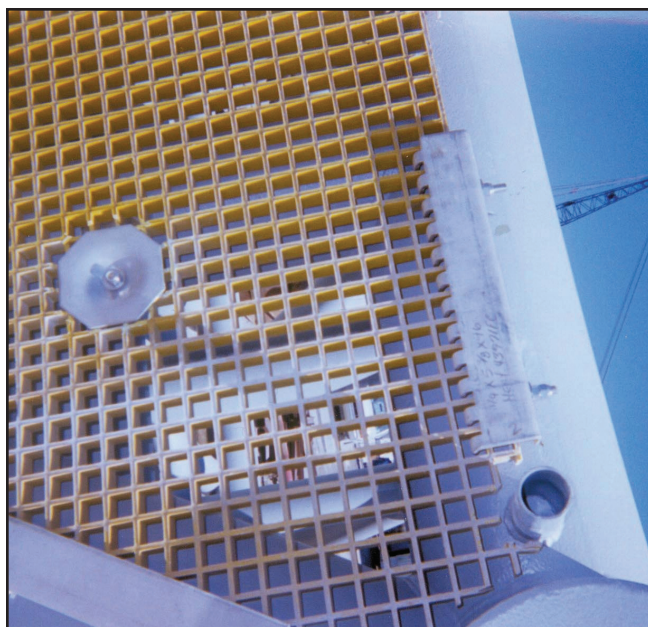
TYPICAL WAVEZONE TREAD ATTACHMENT

Non-Wavezone Talon™ NWZ

PATENTED



AIMS REMOVABLE "TALON BRACKET NWZ-M" SYSTEM DETAIL
(SCALE: N.T.S.)



The Talon™ System is manufactured in AIMS' ISO 9001:2008 facility using only corrosion-resistant 316 stainless steel materials. The attachment details are shown on Page 13 of this brochure.

The Talon™ System has successfully survived the most recent major storms in the Gulf of Mexico, including Hurricanes Ivan, Rita, Katrina, and Ike with no known losses of fiberglass gratings. In one instance, a competitor's wavezone attachment system was on Platform A and the AIMS Talon™ System was on Platform B of the same Gulf of Mexico Block when Hurricane Ivan passed directly over both platforms. The results? Every panel of fiberglass grating was washed off our competitor's system on Platform A. Not one panel of grating was lost on our Platform B Talon™ System. The operator and owner of the platforms hired AIMS to replace the grating and attachment system for Platform A.

Example Washout Warranty



Wavezone Application of
AIMS Fiberglass Grating System
for
ABC Oil Company
Location, Block Number & Platform Designation
Date
via ABC Oil Company Purchase Order No. _____
AIMS Job No. YYMMNN

This warranty is being offered to **ABC Oil Company** by AIMS Composites for the offshore fiberglass grating and handrail system to be installed on the above titled platform(s) based on the following terms:

1. Provided AIMS prepares the fiberglass grating and attachment hardware drawings and details and supplies the fiberglass grating and attachment hardware for the fiberglass grating system; and
2. Provided that AIMS is permitted to install the fiberglass grating and handrail system, or should the installation of the fiberglass grating system be performed by **ABC Oil Company** or its subcontractors, AIMS is permitted access to the work for inspection and final approval; and
3. Provided that AIMS is allowed offshore access to the platform by **ABC Oil Company** to perform a post installation survey which is a thorough and final inspection of the grating and handrail system offshore after the jacket has been installed, and after all field installed components of the grating and handrail system have been installed, and provided that AIMS is permitted to make all necessary corrections; and
4. Provided that, if a loss of grating occurs resulting from wave action, or if **ABC Oil Company** is unhappy with the performance of the grating and handrail system, and the terms of Items 1, 2, and 3 above have been met, AIMS is permitted access to the offshore platform for the purpose of verifying that the loss of grating or complaint was the result of AIMS' design and/or installation.

Should the terms of Items 1, 2, 3, and 4 of this warranty be met, and if the Verification Survey of Item 4 determines that AIMS' design and/or installation was the cause of the loss or complaint, AIMS will provide replacement material, free of charge, inclusive of all grating and grating attachment hardware, F.O.B. your shore base within a timely period after verification of loss or complaint. Further, the offshore labor to correct the situation will also be provided by AIMS free of charge. All offshore transportation from the shore base to the platform of AIMS material and personnel in conjunction with this warranty to be provided by ABC Oil Company. The term of this warranty is for a period of three (3) years beginning with the completion of the offshore installation of our grating and hardware or the post installation survey (warranty initialization survey), whichever comes last.

Should **ABC Oil Company** want to extend the warranty beyond the initial three (3) year term, please contact our offices to arrange for a Warranty Extension Survey. AIMS will then provide an engineer/technician to perform this survey. The offshore transportation associated with this survey shall be supplied by **ABC Oil Company**. Should any repair items or discrepancies be found during this renewal survey, and if AIMS is permitted to repair or correct these discrepancies, the Official Warranty Certificate will be extended for another three (3) year term. The Warranty can be extended on three (3) year intervals up to a maximum of five (5) times. After the warranty initialization survey, future surveys associated with grating losses from properly installed systems will be provided on AIMS' account. Costs related to the warranty initialization survey, as well as subsequent warranty extension surveys, will be invoiced by AIMS at the scheduled rates in effect at that time. Payment is required to activate warranty coverage.

Offshore Inspection by: **AIMS Service Inspector**
Date of Warranty Initialization Survey: **YYYY-MM-DD Initialization/Renewal**
Warranty Expiration Date: **YYYY-MM-DD**
Warranty applies to specific areas identified in drawings: AIMS Drawing No. **YYMMNN-101W Rev 0**

AIMS International, Inc.
Rodney H. Masters, President

(Date)

Warranty is null and void without an AIMS warranty initialization survey and without a signed warranty certificate. **THIS DOCUMENT IS VERY IMPORTANT.** Please retain a copy for your records. A valid copy is required to initiate all requests for warranty claims.