



# Offshore Slingset Type Approval Certificate

Type Approval No. **LR-64879**

Name of Owner <b>Gator Rigging</b>	Address <b>Morgan City :</b> 9607 Highway 182E Morgan City, LA 70380. USA  <b>Cut Off :</b> 15501 Highway 3235 Cut Off, LA 70345. USA
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This is to certify that the under noted Offshore Slingset, is approved for manufacture and has been prototype tested in accordance with the requirements of DNVGL-ST-E271 (2017) and the Lloyd's Register Group Container Certification Scheme.

### Offshore Sling Set Description:

Gator Rigging Wire Rope Offshore Sling Sets manufactured in accordance with this Type Approval are considered to comply with IMO MSC/Circ.860 (1998) as supported by ST-E271 (2017) and LRCCS for (DNV 2.7-1) offshore containers with a rating up to and including 25000kg.

Components of the sling set as specified below for wire rope diameter range ½" to 1¾" (12.7 to 44.5mm) assembled with Flemish eye and steel ferrule. For offshore sling sets without a sub assembly the wire rope diameter shall not exceed 1" (25.4mm)

Lloyd's Register Type Approval Number: LR-64879 applies. Valid from 13<sup>th</sup> April 2017 to 13<sup>th</sup> April 2022.

To maintain the type approval Competent Manufacturer audits must be maintained, as per certificate LRCCS/NT8/LAF1710007 and LAF1710007/A2. Please refer to Design Appraisal Document LAF1710007/DAD/NT for further information

### Components to be used in Gator Rigging Offshore Slingsets :

	Manufacturer	Description	Type Approval
<b>Components Requiring Type Approval</b>			
Master links /Sub Assembly / links	Crosby	Master Links types 342, 344 Master link assembly types 345, 347	S-8016 (DNV GL)
	Gunnebo Industrier AB	Master Links and Master link assemblies Type M and MT	S-7154 (DNV GL)
	William Hackett / Scaw South Africa (Pty) Limited	Master Link OMLxxxDNV Quad Assembly OSAXxxDNV	TAS000013Z (DNV GL), S-7732 (DNV GL)
Shackles	Yoke	Bolt Pin Anchor Shackle Type DA-808, DA-838	S-8059 (DNV GL)
	Van Beest	Green Pin Standard, Green Pin Polar Shackles Types G5163, G-4133, G-4143, G-4151, G-4161, G-4153, G-4163, G-5153, G-5143	TAS000011V (DNV GL)
	Gunnebo Anja Industrier AS	Standard Shackle Types GL 834D, GL 835D, GL 854H, GL 855H, Arctic Shackle Type GL 856H	S-7601 (DNV GL)
	Crosby	Offshore Shackle Types 209-OC, 2130-OC, 2140-OC	S-8357 (DNV GL)
<b>Components Not Requiring Type Approval</b>			
Wire Rope	Young Wire Vina Co., Ltd.	-	-
	Chung Woo Rope Co. Ltd.	-	-
	Kiswire	-	-
	Usha Martin Ltd.	-	-
	Manho Wire Rope	-	-
	Celik Halat ve Tel Sanayii A.S.	-	-

### Remarks:

**Production Testing as per the requirements of LRCCS Procedure IMS03-04-57: Section 13 and ST-E271 : Section H.10 must be witnessed by LR**

Issued at **Houston**on **3<sup>rd</sup> August 2018**

Nigel Tjioe

Surveyor to Lloyd's Register Quality Assurance (USA)

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