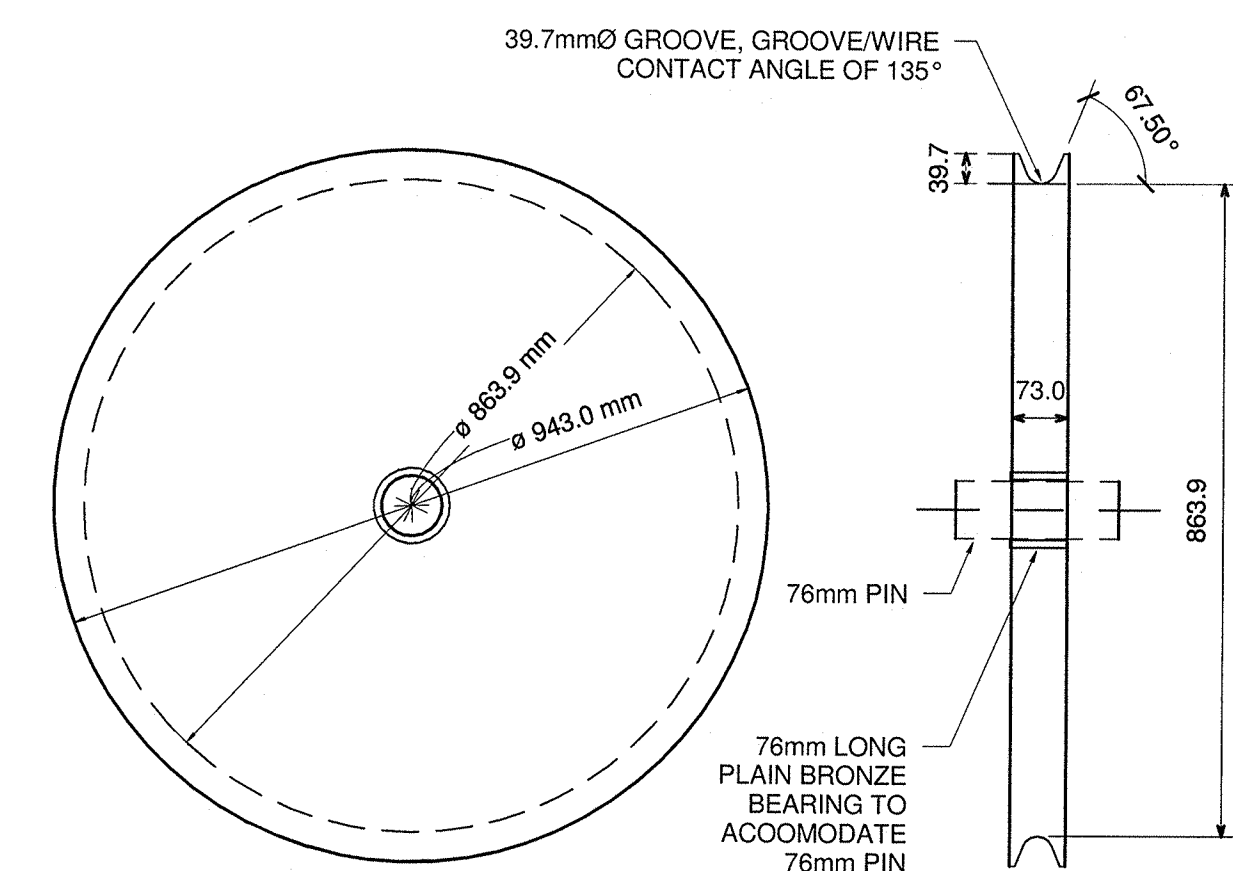


#### SEQUENCE OF OPERATION:

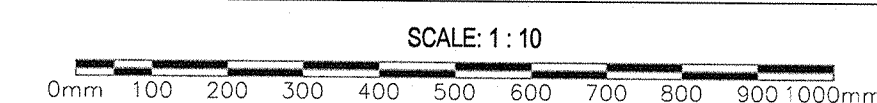
1. WHEN FERRY IS DOCKING THE OPERATOR SHALL MANUALLY RAISE AND LOWER THE RAMP AS REQUIRED.
2. ONCE THE RAMP IS RESTING ON THE FERRY, THE OPERATOR SHALL PLACE THE WINCHES IN CONSTANT TENSION (LOW TENSION) MODE. THE CONSTANT TENSION WILL NOT BE USED TO LIFT THE RAMP; THE CONSTANT TENSION WILL ONLY BE USED TO TAKE UP SLACK ON THE WIRE ROPE. DURING CONSTANT TENSION MODE THE WINCHES WILL BE CAPABLE OF DESPOOLING TO ACCOMMODATE LOADING PROCESSES.
3. ONCE THE FERRY IS READY TO DEPART, THE OPERATOR WILL MANUALLY RAISE THE RAMP AND USE THE WINCH BRAKE TO LOCK THE RAMP IN PLACE. THE WINCH BRAKE WILL ALSO BE ACTIVATED BY LIMIT SWITCHES CONNECTED TO THE COUNTERWEIGHT SYSTEM & THE EXTREME HIGH LIMIT FAULT SWITCH.



FRONT VIEW

SIDE VIEW

NEW SHEAVE DETAIL



1  
NS-M3

2  
NS-M3

NEW TRANSFER BRIDGE HYDRAULIC PIPING SCHEMATIC

SCALE: N.T.S.



C02	ISSUED FOR TENDER	DEC 01 2015
revisions		date
project		project

#### CARIBOU/WOOD ISLANDS RAMP LIFTING MECHANISM UPGRADE

drawing  
desain  
**CARIBOU MECHANICAL DETAILS AND SCHEMATICS**  
CARIBOU, NOVA SCOTIA

designed	I.L.	corrou
date	2014/10/29	
drawn	J.W.	desaine
date	2014/10/29	
approved	K.B.	approove
date	2014/10/29	
tender		Submission
PWSGC Project Manager		Administrateur de projets TPSCC
project number		no. du projet
	R.064789.001	
drawing no.		no. du dessin
	NS-M3	