

## Incident Summary (5611812)(Final)

SUPPORTING INFORMATION	Incident Date		January 14, 2017	
	Location		Revelstoke	
	Regulated industry sector		Passenger Ropeway - conveyor	
	Impact	Injury	Qty injuries	1
			Injury description	Noticeable bruising to ankle
			Injury rating	Minor
	Damage		Damage description	None
			Damage rating	None
Incident rating		Insignificant		
Incident overview		<i>A foot passenger riding a ski conveyor attempted to exit the device off of the end of the conveyor. The passenger stepped into a safety relief plate mechanism. The passengers foot became stuck between the relief plate and the conveyor drive drum.</i>		
INVESTIGATION CONCLUSIONS	Site, system and components		<i>Ski conveyors transport passengers up-hill via a moving belt. At the top of the conveyor is a drive drum that propels the belt. The drive drum area has a protective safety switch called a trip plate. The trip plate is designed to stop the conveyor if an item becomes stuck at the drive drum area. Foot passengers are not intended to unload at the end of the conveyor. Foot passengers are to be instructed to unload off of the side of the conveyor prior to the drive drum.</i>	
	Failure scenario(s)		<i>Insufficient snow conditions did not allow for foot passengers to unload off the side of the conveyor prior to the drive drum. The operator moved the exit point further down the conveyor where the passenger failed to exit at the adjusted unload point and attempted to unload at the drive drum.</i>	
	Facts and evidence		<i>- Operator stated that there was a lack of snow at the prescribed exit area. - Operator stated that they moved the exit point down-hill. - Operator stated that the person failed to unload and attempted to unload at the drive drum transition plate area. - Magic Carpet manufacturer's manual states that all foot passengers must exit off of the side of the conveyor, not over the drive drum transition plate.</i>	
	Causes and contributing factors		<i>It is likely that the passenger did not understand where the proper unloading area was. It is likely that miscommunication between the operator and the passenger contributed to the passenger stepping into the trip plate.</i>	



*Photos or diagrams (if necessary)*