

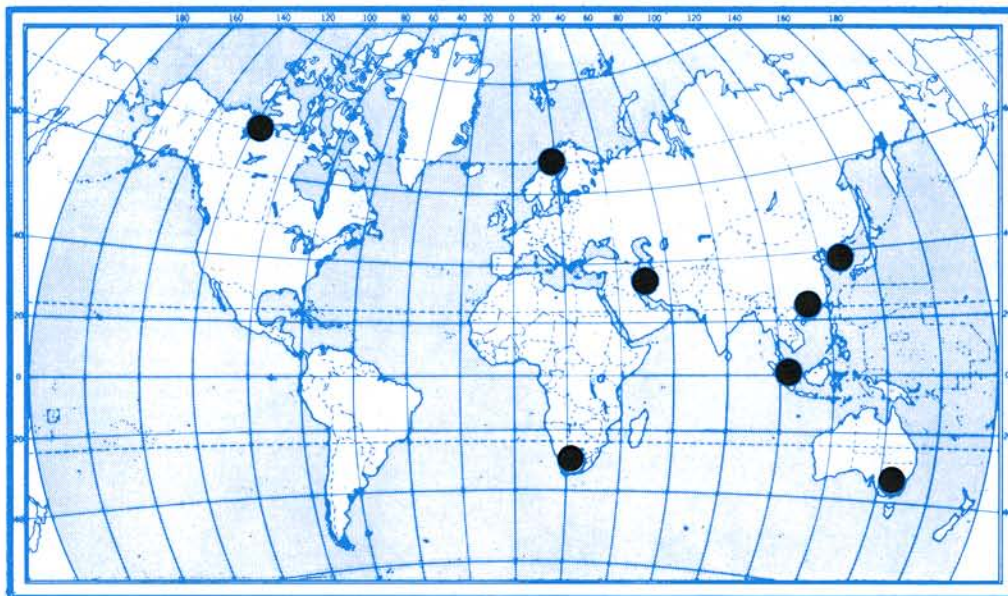
ZAMBONI® NEWSLETTER



SKATING AROUND THE WORLD

Those who have been associated with the development of ice skating for the past few years are no doubt rather amazed at the increased popularity in areas that until recently seemed quite remote. Although ice skating has

been popular for years in the United States, Japan and Europe, countries that might seem "far out" are becoming serious about skating and we have had the pleasure of shipping Zamboni® Ice Resurfacers to the following distant locations:



INUVIK, NORTHWEST TERRITORIES, CANADA

Vying for the title of the ice resurfacer located closest to the North Pole are two rinks that are surprisingly close to the limits of human habitation in the northern world. In the relatively new town of Inuvik, which serves the north coast of North America from Spence Bay to the Alaskan border, an indoor naturally frozen ice rink is operated by the municipality and relies on a Zamboni® Model TMA for its ice surface upkeep. The Town itself is located 68 degrees 18 minutes north latitude (about 1,500 miles north of Edmonton, Alberta) on the McKenzie River and it serves as a center for communication, transportation and oil exploration for the North Slope. The community depends almost exclusively on river barges for its supplies and ice skating is an important winter sport activity for Inuvik's population of 2,672 people.

KIRUNA, SWEDEN

Another city located in the extreme north is the City of Kiruna which is situated near 68 degrees northern latitude and about 90 miles north of the Arctic Circle. Kiruna claims to be one of the world's largest cities in area by covering approximately 7,800 square miles of northern

Sweden. With a population of approximately 31,000 people, Kiruna includes within its City boundaries the highest mountain in Sweden, 4,000 foot high Kebnekajse. The City's main industry is the mining of iron ore, but it is also known for its geophysical observatory that studies the northern lights and other phenomena. In 1956 Kiruna built the first indoor hockey arena in Sweden, which was commonly called Islada or Ice Barn. The Ice Barn utilized a Zamboni® Model F up until 1971 at which time it was replaced by a Model HDB operating on LPG fuel.

CARLETON CENTRE SKYRINK — JOHANNESBURG, SOUTH AFRICA

This beautiful new skating facility opened for business in July, 1974, and was an instant success in a country where ice skating is relatively new. The parking for the Centre and the Skyrink is located 6 floors above ground-level and the Skyrink itself was built 7 floors above the parking area. Ice Capades Chalet operates this skating rink, as well as the skating school. They specified a Zamboni® Model HDB, as part of their operating equipment to assure excellent skating conditions.

(Continued on Page 3)

AUTOMOBILES DO THE SKATING

One of the most unusual ice rinks in the country has neither figure, hockey nor public skating on it. Its shape is also rather peculiar in that it is only 24 feet wide and 150 feet long. This "ice rink" is the all-weather test facility at the 4,009 acre General Motors Proving Ground near Milford, Michigan. Even with outdoor temperatures as high as 70 degrees, freezing coils embedded in the two-lane pavement allow engineers to create an "ice road" for conducting skid tests including braking and handling studies under conditions duplicating the slickest winter highway.



Before a recent test, a proving ground secretary got her skates out to prove that the ice was ready.

The rink was built in 1969 and a Zamboni® Model HDA Ice Resurfer was purchased by GM at the time. It is actually a street 24 feet wide which as a 12 foot strip of blacktop along each side. The surface is used for automobile testing only and its use will vary from as much as 3 days a week to once every 3 or 4 months. Being entirely out in the open, sun and wind create problems for the GM engineers, however, the Zamboni® Ice Resurfer assists in creating tough road conditions that will benefit skater and non-skater alike when driving in similarly difficult conditions.

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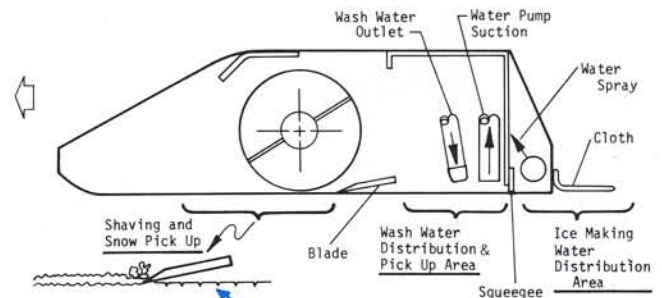
RESURFACING POINTERS

When talking with various operators, we often encounter confusion and misunderstanding regarding the purpose and proper operation of the washing function on the machine.

Historically, the best sheet of ice prior to the development of the Zamboni® Ice Resurfer was usually produced by the following sequence:

1. Shaving by a tractor-pulled planer to remove as many skate grooves as possible.
2. Plow or scrape the accumulation of shavings to a snow pit located next to the ice surface.
3. Flush dirt and contaminants out of any remaining skate grooves by washing the entire surface with a heavy hose and nozzle.
4. Use large hand squeegees to push the dirty water to the snow pits.
5. Spray or flood a coat of water onto the ice surface with the hose to complete the resurfacing operation.

Basically, the washing system of the machine duplicates Steps 3 and 4 of the above process as shown in the following diagram.



Not all grooves are normally removed by shaving, thus debris and dirty particles are trapped in the remaining grooves. Failure to use the washing system would allow this foreign material to be frozen into the ice surface.

Many experienced operators know the value of the washing system and use it consistently. We encourage all operators to use this feature during most of their resurfacing. It should provide a more attractive sheet of ice and will usually make a better surface while using less fresh water.

Plugged water lines or a faulty water pump normally account for an inoperative washing system and by checking both items you should be able to remedy the problem. If you have not been using the washing system and have difficulty after trying it, contact our Customer Service Department and we will be glad to assist you in trying to make this useful tool functional to you.

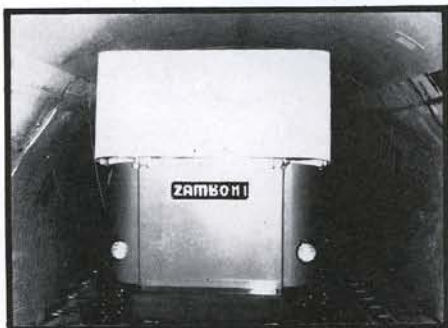
SKATING AROUND THE WORLD (Continued)

TEHRAN, IRAN

Seemingly taking a page out of the Arabian Nights, a new Model HDB is presently midway in its 45 day sea journey between Los Angeles and Khorramshahr, Iran. The Iranian Athletic Organization has been successful in promoting a number of various sports and recently decided to include a new ice skating facility in its activities. We are told that the ice is already in place in the new complex, which housed the Asian games in 1974. The arena seats 20,000 spectators and will feature both public skating and hockey in its ice scheduling.

SEOUL, KOREA

It was up, up and away for this Model HDB as it left Los Angeles in a Korean Air Lines DC-8 destined for Seoul.



Since time was short between shipping time and the opening of the new ice skating facility being opened by the Korean government, the purchaser chose to expedite shipping by airlifting direct to Korea in time for their initial opening in 1971. We have since learned that the machine is performing well in this remote corner of Asia.

SINGAPORE, INDONESIA

Recent mention in the October, 1974 Ice Skating Institute of America Newsletter tells of the rather astonishing numbers of skaters attending this new rink in Singapore each day. A Model HDB was shipped to this rink prior to its August, 1974 opening and the resurfacing requirements created by as many as 7,000 skaters daily is indeed a sizeable chore.

SIDNEY, AUSTRALIA

The City of Sidney purchased a Zamboni® Model F when their outdoor ice skating rink was originally built in 1959. This southern hemisphere skating facility is still operated without a cover and is now preparing for its 17th winter season. The Model F continues to perform at this rink which was an early innovator in this part of the world.

HONG KONG, CHINA

Not only did this new Model HDB face a long trip when purchased in 1974 but a shoehorn would have helped getting it into its new home. The door opening into the new Hong Kong rink was so small, the purchaser had to dismantle the structure supporting the wash water tank and operator's compartment from the chassis itself.



The photograph shows the Model HDB prior to being pushed through the narrow opening. In spite of these difficulties, the machine was reassembled and is reportedly doing an excellent job of helping the owner maintain the surface of this popular ice skating facility.

No. 2000

Another memorable milestone for Zamboni® was reached this past winter with the shipment from Paramount of our 2000th Zamboni® Ice Resurfacer. This machine was delivered to the community of Dusseldorf, Germany, by Zamboni's® representative in Europe, the Rolba Company. The extensive ice facility in Dusseldorf includes one indoor rink of 100 by 200 feet and one outdoor rink the same size. This Zamboni® will have the additional distinction of resurfacing the ice at the World Ice Hockey Championships that will be hosted by the City of Dusseldorf this month.

Zamboni® salutes Rolba, who have sold nearly 500 Ice Resurfacers in Europe and we wish the City of Dusseldorf the very best of success with the hockey championships.



Shown making final plans at the Dusseldorf Ice Rink are from left to right: Hans Klein, Rink Manager; Hans P. Baldinger, Rolba Representative; and Karl Theo Kels, Director of Sports for the Community of Dusseldorf.

ZAMBONI® WALK-A-THON

The community of Minot in Northwest North Dakota needed an ice resurfacer for its new All Seasons Arena

and the following promotion was a unique way of obtaining one. The advertisement speaks for itself:

Walk A Mile For The Zamboni

**Refreshments Served
Prizes Awarded
Rock Band
Entertainment**

What: A Walk-A-Thon to raise money to buy a Zamboni. What is a Zamboni? A Zamboni is a machine that will be needed to resurface and maintain ice in the All Seasons Arena. Each person walking all or part of the Walk-A-Thon route gets others to sponsor him at a monetary rate per mile. Walkers will pass through checkpoints along the route and have their route cards stamped. When the walk is over, the walker will collect the pledges from his sponsors.

Where: A 20-mile walk beginning and ending at the North Dakota State Fairgrounds.

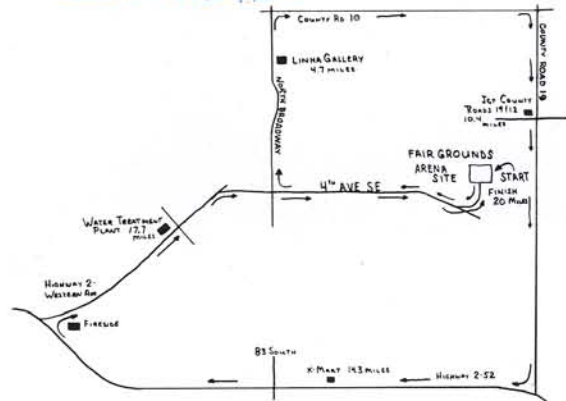
When: Saturday, September 21, 1974. Registration will be held from 8:30 to 9:30 a.m.

Why: The All Seasons Arena is being built primarily for the youth of Northwest North Dakota. A \$700,000 public fund raising drive is currently underway to complete the funding for the building. The Walk-A-Thon is one way the community can help the drive and demonstrate support for the Arena project. Minot — and the All Seasons Arena — needs a Zamboni.

Who: The walk is open to all interested people.

How To Participate:

Sponsor sheets are available at Minot schools or by calling All Seasons Arena — 839-7706.



For More Information Call:
WALK-A-THON 839-7706
(7 a.m. to 11 p.m.)

Officials of the fund-raising event report that checkpoints were established for the walkers to verify completion at the various stages of the course with an "all tuckered out truck" provided for those who could not finish and the Order of the Battered Boot for the finishers. The event attracted 578 starters with over 500 finishing, including the Mayor of Minot. As a fund-raiser, the event was certainly a success, as it generated over \$22,000.00 in pledges.

CHECK POINT VALIDATION CARD		
1	Arena Site 0.0 Miles	☺
2	Linha Gallery 4.7 Miles	☺
3	Jct County Rd. 12 & 19 10.4 Miles	☺
4	K-Mart 14.3 Miles	☺
5	Water Treatment Plant 17.7 Miles	☺
6	Arena Site 20.0 Miles	☺

**ALL SEASONS ARENA
ORDER OF THE BATTERED BOOT**

Be it hereby publicly acknowledged that _____ has been duly and ceremoniously admitted with great favor and general acclamation to the ranks of those stalwart persons who, in an heroic effort to buy a Zamboni and build an Arena, most generously lost us their feet when we needed a hand.

9/21/74 _____



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