



SPORT



WHYS AND OTHERWISE

AS SEEN BY
H. L. G.

Fredericton's 1936-37 edition of the Capitals' hockey club, now turning out for early season practices, looks to be a good one, with lots of skating strength and power. Vern Olive has done much to get the club practices underway in his role as president and manager and much credit is due also to the rest of the executive, "Larry" McLean is once again in the role of coach.

This should be a good hockey season here, there is more interest, the boys are getting underway earlier than in other seasons, and the material is more abundant. The fact that the Southern N. B. amateur loop has been rescued from the discard may be taken as an indication of revived interest in amateur hockey in these parts, too.

The Fredericton Capitals made history by getting onto the ice at the Arctic Rink at such an early date as November 26 for practice, and when they play Moncton on December 2 at the Hub it will be the earliest date for a Fredericton team to take the ice in actual play for a long number of years. All of which must be taken as further indication of more interest in the game.

With all the talk of night baseball coming to the fore again, it is of interest to learn that Alva Bradley, president of the Cleveland Indians, is very much against it. He says his club won't play night baseball unless forced to. The 1936 season was quite successful for the Indians with daylight ball, Bradley avers.

HOCKEY RESULTS AND STANDINGS

N. H. L. STANDING										
National League										
(Canadian Section)										
	P	W	L	D	F	A	Pts			
Americans	10	5	3	2	21	17	12			
Canadiens	10	5	4	1	21	22	11			
Toronto	9	3	5	1	24	26	7			
Maroons	9	2	4	3	19	20	7			
(American Section)										
	P	W	L	D	F	A	Pts			
Rangers	9	5	3	1	25	18	11			
Boston	8	4	2	2	15	18	10			
Detroit	8	3	3	2	16	14	8			
Chicago	9	1	4	4	9	17	6			

PLAYED SATURDAY										
National League										
Toronto 4, Canadiens 2.										
Maroons 3, Americans 2.										
PLAYED SUNDAY										
National League										
Canadiens 2, Chicago 1.										
Americans 2, Detroit 0.										

TOKYO, Nov. 30—Finance Minister Etsuichi Baba said last night a new national loan for Japan will be necessary as a result of the record-breaking 1937-38 budget, more than half of which was devoted to the Army and Navy. The cabinet approved the budget yesterday.

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SPORTS ARENA, SEATING 7,100 SPECTATORS, CONCRETE STRUCTURE, OPENS FOR HOCKEY, DECEMBER 19

(Special to The Daily Mail)
HERSHEY, Pa., Nov. 29—The Hershey Sports Arena, seating over 7,100 spectators for hockey, and 10,000 where a large rink is not required, for other sports, opens for hockey on Saturday, December 19, when the Hershey Bears, Eastern Amateur Hockey League champions of 1935-1936, meet the New York Rovers.

The new Sports Arena, which has been eight months in building, is the largest span monolithic concrete structure in America, and is the only one of its kind in the United States. It is rectangular in shape, 232 feet wide and 362 feet long. There is not a pillar or a column anywhere visible. The seats go up in tiers from the ice rink to the roof, which is 100 feet above the ice floor.

Hershey is rapidly forging to the front as a sports centre of the East, with its four golf courses and its championship links of the Hershey Country Club, upon which is held annually the Hershey \$5,000 Open tournament; and the Hershey Stadium, the foundation of which has now been dug, and which, when completed next year, will seat 30,000 spectators.

Strange as it may seem, Hershey is a community with a population of only 2,500 people! Its sports centre draws people from a radius of 75 miles.

The amazing, outstanding feature of the Hershey Sports Arena is its arched roof, that rests on a series of hinges where the total weight is brought down to one point. This hinge is not supported on concrete, as is assumed, but rests on a lead plate. This hinge and lead plate prevents cracking of the reinforced concrete structure.

The roof of the Hershey Sports Arena, which is of reinforced concrete, is built to allow for contraction and expansion in two directions. The roof structure was put up in five individual sections. Between every two sections of the roof was placed an expansion joint, which allows the concrete to expand and contract.

Three sections of the roof are identical in size, and to make one of these arches, 80 feet long by 232 feet wide, required a scaffold structure built of 300,000 board feet of yellow pine lumber. The ceiling that is visible from the inside is of cork, and above the cork is concrete 3½ inches thick.

Concrete pouring was practically a daily occurrence. When a roof section was poured, the work was continuous from start to finish. One of the three identical sections required 3,475 bags of cement, a second section, 3,479, and a third, 3,491 bags. The first arch poured required 516 tons of sand and 450 tons of crushed stone.

The strength of the concrete when tested after seven days was 3,000 pounds to the square inch, and 4,000 pounds to the square inch at twenty-eight days. Each arch was poured 1 3/8 inches above the adjoining one. To do this, the scaffold structure was set on a series of 250 jacks and raised to the proper height.

When the concrete had set for four teen days, the wooden structure was let down over the entire area by fractions of an inch at a time, in order that there was no undue strain anywhere along the line. The jacks were given a half-turn at a time.

Before the wooden structure was lowered sufficiently to pass into place for the construction of another arch, painters worked at a fast pace to paint the cork ceiling, doing it while the scaffolding was in the process of movement. The scaffold structure

was moved by means of men operating chain blocks, who pulled the structure evenly. To move one-half section of a scaffold required eight hours. Within eight hours it was moved 80 feet.

The entire ceiling and end walls of this big auditorium are lined with acoustical cork to absorb sound and prevent reverberation. While the acoustical cork layer on the roof is intended to absorb noise and sound, the bluish-white surface will produce an even distribution of indirect light.

To give sufficient light on the playing surface of the ice, there have been installed, suspended from the ceiling, three large lightoliers, which are 23 feet in diameter, each containing 47 searchlights. These lightoliers also house the public address system necessary in a building of this character.

The rink of standard size, 200 by 85 feet, required approximately ten miles of wrought iron pipe of various lengths, which is now imbedded in the concrete.

At each end of the rink, under the concrete floor, is a series of valves by which the brine is permitted to circulate through the pipes. With the installation of the pipes, an ice plant with 90 tons capacity was installed. Ventilation is accomplished by means of ten exhaust fans in the main auditorium which change the air in fifteen minutes.

Behind the 7,104 seats, steam pipes have been placed, to warm, in the winter season, the devotees of hockey. The Sports Arena is insulated, making it cooler in summer and warmer in winter.

The floor is of concrete, and special wood floors will be built for sports that require it. There are two main entrances and forty-six exits. The building can be cleared of people by these forty-six exits in the space of sixty seconds.

In producing this structure, the materials used ran into tremendous quantities. The sand required totaled 210 carloads; cement, 25,000 barrels; crushed stone, 9,600 tons; steel, 1,100 tons; piping, 28 miles; lumber, 300,000 board feet; acoustical cork, 100,000 square feet, 1½ inches thick; insulation cork, 75,000 square feet, board measure; and 40 miles of electrical wire.

THE ALL-SEEING EYE

The use of X-ray is no longer a monopoly of the medical profession, for these penetrating rays are now being used daily by the heavy metal industries for detecting flaws in castings and welded parts. Even watches, food products and old paintings can be examined by the modern X-ray machine and film.

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LEFTY VAN DER MEER, STRIKEOUT KING, GETS TRIAL

Young Hurler Fanned 296 Batters in Piedmont Loop Last Season.

NEW YORK, Nov. 30—As soon as the Cincinnati Reds go to Puerto Rico next February and begin to throw some baseballs around in preparation for the 1937 campaign news will be floating northward of a big, good-looking kid who pitches left-handed and who has made an enviable reputation for himself as a strikeout king. He is Johnny Van Der Meer and he lives at Midland Park, N. J.

Vandy, as he is called, did his pitching last season for Durham in the Piedmont League. That league is only Class B in organized baseball, but the left-hander's record couldn't be ignored if he were whizzing his fast one by some Honolulu batters. He won nineteen games and lost only six. He set a new seasonal record by striking out 296 batters, and he rung up another mark by fanning nineteen in a single game.

The southpaw says he got his biggest thrill pitching a game in the New York-Penn League in 1935. In that contest he walked fourteen batters, yet won out in the ninth by a score of 2 to 1. He yielded five hits. It must have been a thriller at that, and also a good test of his nerve and moxie, because he was, no doubt, in plenty of hot water all the way through.

Van Der Meer is only 22 years old. He is six feet tall, weighs 190 pounds and looks like a left-handed Clyde Castleman. The Reds purchased him from Nashville, which had farmed him to Durham, for a reported price of \$25,000. Vandy credits Joe Shaute, former big league southpaw, with helping him develop better control and a sharp-breaking curve in the two years he spent with Scranton before joining Durham.

New Pair of Moores

The Reds, who, incidentally, are intent on enlarging their network of farm clubs, will be coming up with two other promising pitchers in Dee Moore and Lloyd Moore, to boost the total number of the Moore clan with National League clubs to seven.

Dee is probably the most versatile of all the Moores. He pitches, catches and plays the outfield and the infield. In fact, one learns that he even umpires when he has the opportunity. In the Reds' final game he pitched two scoreless innings and then donned the mask and pads over the final seven rounds. He also managed to click for two doubles and a single in four trips to the plate.

Dee's outstanding performance was turned in a week before he left the Macon club of the Sally League to join the Reds. In the first game of a double header he played right field. Before the second game started he learned that the team was shy of pitchers, so he volunteered to toe the mound. After a hurried and brief session in which he loosened the kinks in his arm Dee began to pitch. The record books of the Sally League will tell you on that day he pitched a no-hit no-run game.

Lloyd Moore, better known as Whitey, will come up from Eldorado, Ark., in the Cotton States League, where he won twenty-three games and lost only five. He also won three more games in the playoffs against Bill Terry's Greenwoods, Miss., club.

All of the other Moores in the senior circuit are outfielders. There is Gene Moore with the Boston Bees. Joe Moore is with the Giants. Terry Moore with the Cardinals. Johnny Moore with the Phillies and Randy Moore with the Dodgers. Only Pittsburgh and Chicago are without a Moore on their playing lists.

Players Under Shaughnessy
A pretty fair sort of team can be made of players who served under Frank Shaughnessy, new International League president. . . . Chick Hafey, Jim Ripple and Wally Roettger could form the outfield. . . . Jim Bottomley, Earl (Sparky) Adams, Tommy Thevenow and Lester Bell would be the infield. . . . Jimmy Fox would fill in as catcher and the pitchers would be Bill Hallahan, Urban Shocker, Clyde Castleman and Arthur Reinhart.

Tied Up Rangers --- Bruins Contest 2-2 --- "Gift" Goal For Maroons.

NEW YORK, Nov. 29—Speedy Ray Getliffe, formerly of the Maritime Hockey League, tallied once for Boston Saturday night as the Bruins held New York Rangers to a 2-2 tie in 70 minutes of National Hockey League play.

Getliffe sent the Bruins to the fore early in the fast opening period as he tore in to hammer his rebound into the New York cage while Alex. Shibicky was in the penalty box. Shibicky equalized six minutes later on a power play with LeRoy Golds-worthy serving time.

MONTREAL, Nov. 29—A third-period "gift" goal, fired by Wingman Jimmy Ward, provided the winning margin for Montreal Maroons as they defeated New York Americans 3-2 in a wide-open National Hockey League clash Saturday night.

As some 4,000 customers watched, Maroons built up a 2-1 lead in the first two periods. Then, with only two minutes and 45 seconds played in the third, Ward scored his goal.

DETROIT, Nov. 29—New York Americans, led by the high scoring Sweeney Schriner, handed Detroit's champion Red Wings their second successive shutout tonight. The score was 2-0 with Schriner scoring both goals.

Approximately 8,500 fans saw the Amerks seize quickly on what scoring opportunities were offered, to cement their leadership of the International Division of the National Hockey League.

SIRR INJURED IN WORKOUT ON SUNDAY

Capitals Prepare For First Game of Season Wednesday Night.

R.C.M.P. Corporal Justin Sirr, defenceman for the Fredericton Capitals, suffered a double fracture of the jaw when he collided with "Bun" McLenahan, in a week-end workout. The injury will keep the former Calgary player out of the game for most of the season, it is thought. It was the first casualty for the local club since they commenced workouts last Tuesday night.

The accident occurred when Sirr, who was speeding up the ice with the puck, collided head on with McLenahan, who was standing on the opposite defence. McLenahan was uninjured. Sirr was taken to Victoria Public Hospital where the fracture was set by Dr. A. L. Gerow. The moutie will be in hospital for a few days.

In week-end workouts Ron Laskey, defenceman, who was with the Fredericton Juniors last season, and Johnny Kilburn, former U.N.B. forward, have been showing fine form and are almost sure of a berth with this year's squad. Laskey, tipping the scales at about 175, has been teaming up on defence with Good-

FORMER CAPS WORK OUT WITH ST. CROIX CLUB

ST. STEPHEN, Nov. 29—The St. Croix Hockey Club players were out on the ice today, working out for their first game in the Southern N. B. Hockey League with Saint John Seagulls at Saint John next Friday night.

The ice is holding well with continued cold weather and it is hoped that several practices will be held before meeting the Saint John team.

The new members of the squad, Cameron and McIntyre, formerly with Fredericton; Doucet, who played for St. Joseph's University and Saint John Beavers at one time, and Rolly Robinson, former Mount Allison University star, are expected to arrive in town tomorrow for their first workout tomorrow night.

Ine, Chalmers and the veteran "Bud" Steen have also been working on the defence.

Although the lineup for Wednesday night has not been selected it will probably be chosen from the following players: Young, goal; Goodine, Chalmers, Laskey and Steen defence; Mills, Lifford and "Bus" McLenahan as one line and a second line chosen from Kilburn, Haining Keenan, Hall, Mawhinney and "Bun" McLenahan.

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