

**City of Milpitas  
Approved Minutes  
Telecommunications Commission  
September 20, 2010**

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**I. Call to Order & Roll Call:**

Vice Chair D. Gupta called the meeting to order.

Members Present R. Shaw, I. Munir, D. Gupta, W. Lam, S. Ahjua, K. Bohan, N. Gupta, H. Tran, S. Bansal

I.S. Staff: B. Marion, E. Pasion

City Council: A. Gomez

Members Absent: A. Alcorn

**II. Pledge of Allegiance:**

The members of the Commission recited the Pledge of Allegiance.

**III. Announcements:**

Staff reported that Chair Alcorn was away on business and was excused from the meeting.

**IV. Approval of the Agenda:**

Motion to approve the agenda as submitted.

M/S                      N. Gupta / H. Tran                      Ayes: 9

**V. Approval of the Minutes:**

August 16 minutes were reviewed by the members of the Telecom commission. Vice Chair D. Gupta requested several corrections to the meetings for final approval.

Motion to approve the minutes as submitted.

M/S                      R. Shaw / S. Bansal                      Ayes: 9

**VI. Citizen's Forum:**

No comments made for the record.

**VII. New and Continued Business:**

1. Globalstar Satellite Review 461 S. Milpitas Blvd.

Cindy Hom, with the City's Planning Department, provided a summary for a request to install two 18' rotatable satellite dishes to be located at 461 South Milpitas boulevard. The two dishes would be situated on north parking lot between Globalstar and Magic Technologies. The plans have been reviewed by the City's Planning and Fire Inspection departments and the applicant has received approval and an operations license from

the Federal Communications Commission for the two satellite dishes. Globalstar plans to use the two dishes for experimental development.

Commissioner Bohan requested clarity of Globalstar's experimental development plans for this location.

Mr. Wen Doong, Director of Engineering and Operations at [Globalstar](#), Milpitas, noted the two satellite dishes would be used primarily for experimental development of new mobile satellite communications technologies. He added that Globalstar's Milpitas business location is involved in developing, testing and validating new mobile satellite technologies for their business partners. He added that Globalstar currently operates 48 low Earth orbit satellites. Globalstar will be increasing its satellites inventory to 24 in the next several months as it develops and tests new second generation ground equipment for mobile satellite phones. The work involving the two dishes will be used to track over-the-air satellites and communicate with Globalstar's low Earth orbit satellite network.

Vice Chair D. Gupta noted that the dishes are away from the South Milpitas Blvd. Mr. Doong noted that angle of the dishes will operate at a ten degree elevation or higher and will not operate below that elevation.

Commission Bansal noted that health concerns indicated by Magic Technologies which is located adjacent to the proposed two 18 foot satellite dishes.

Mr. Doong outlined the three items of concern by Magic Technologies: Parking Space, Interference with existing communications link and possible Health Impacts.

Mr. Doong reported that Globalstar and Magic have met and discussed the concerns over the past five months involving this proposed satellite dish installation. He added that Globalstar and Magic were in agreement with the parking allocation concerns. There will be no parking spaces removed for this installation. Globalstar has worked with City of Milpitas and the property landlord and all are in agreement. As for the possible interference of Magic's wireless communications link, Globalstar noted that its dishes operate on a completely different frequency there would be no interference with Magic's communications link. Globalstar will offer to do a power measurement study once the two dishes are installed to address Magic's concerns. Globalstar will also mask the antennas to avoid any interference with Magic's operations. As for the final item regarding health concerns involving the installation satellite dishes in close approximation of Magic's building, Mr. Doong stated that the two dishes operate within the FCC's prescribed health and safety guidelines do not believe there would be any concerns involving health issues.

Mr. Nabil Arnaout, Senior Facilities Manager for Magic Technologies, located next door to Globalstar, noted that the

employees of Magic Technologies are concerned with unknown health and radiation issues. He asked that Globalstar conduct a third part power study to address Magic's concerns. He noted that Globalstar denied their request based on previously approved documentation and guidelines dictated by the FCC. Magic was seeking complete validation and an approved study to alleviate their health and radiation concerns. He requested the commission's support to conduct a power density and radiation evaluation.

Vice Chair D. Gupta suggested that there should be a power-radiation study conducted by a third party to address Magic Technologies' health concerns. Commissioner Bohan added that FCC may be able provide direction and assistance on alleviating the concerns that may or may not be apparent.

Mr. Arnaut reiterated that Magic Technology's employees are concerned. He added that there needs to be additional safe guards that can be conveyed to their employees.

Commission Lam asked if Magic requested and third parties that can be hired to conduct and power density study. Mr. Arnaut added that they have not done a third party independent study as of yet.

Mr. Doong noted Globalstar has worked with the FCC on this matter, where they received approval, for sixteen other satellite locations currently in operation. They are willing to work with Magic to address there concerns. Globalstar has already been given FCC approval to operate the two proposed dishes. He added Globalstar will conduct power density and radio frequency measurement testing to accommodate and comfort Magic Technologies' concerns on the matter. He added that the two satellites would not steer within the direction of Magic Technologies building direction. He noted that the concerns were primarily based on human fear of the unknown of the technology being used by Globalstar.

Vice Chair D. Gupta added that other existing Globalstar dishes operate on the same technology and that data can be used to demonstrate and provide validation to Magic's health concerns.

Mr. Arnaut noted that none of the dishes used for comparison are not located anywhere near businesses like the one being requested.

Commission S. Ajhuja asked if a simulation can be done with another location that can be done for data gathering information.

Commission Munir noted that there are other C-Band satellite dishes that operate on a similar technology in Santa Clara County.

Commissioner Bohan noted that if the satellite technology is within FCC operational guidelines there is no reason to deny the application request. He added that if the satellite operates within

the prescribed guidelines and insures that does not exceed the FCC guidelines. If out of compliance then the satellites must be shut down. Mr. Doong added if the ever the satellite dishes fell out of compliance of the FCC guidelines the dishes would be shutdown.

Commissioner Bansal also reiterated the fact a third party study be conducted to appease Magic Technologies concerns over the power and radiation usage of the two satellite dishes. Vice Chair D. Gupta concurred. Commission Bohan didn't think that a third party would be not being of any help since that the technology has already been certified and approved by the FCC. A projected study or simulation data will not answer Magic's questions.

Mr. Doong requested to move forward with the approval of the project and will work with Magic on the outstanding issues. He added that to do a technology test once a year will not yield usable and satisfactory data to report. He added the installation of the dishes is on tight schedule for completion.

Vice Chair D. Gupta requested that Globalstar return to the October 18 commission meeting to provide a status and outcome between Globalstar and Magic Technologies.

Ms. Hom reiterated that the commission cannot regulate based on RF emissions. The city can only suggest some possible solutions for this project.

Mr. Doong believes that there can be a solution and resolution for all parties to come to a consensus.

Mr. Arnaut noted he looks forward to working on addressing Magic's health concerns and come to a workable agreement before next month's meeting.

Vice Chair D. Gupta suggested that the two talk more and come back on October 18 meeting. The Commission cannot stop the approval but would like Globalstar to satisfy Magic's concerns.

Commissioner Shaw asked if the Fire Dept reviewed. Staff noted that various city department have reviewed than project and provide comments

Vice Chair D. Gupta added that the concerns needs to be put into agreement and documented that a both parties find acceptable.

Motion to have Globalstar return with a proposal to address the safety concerns of Magic Technology involving the installation of two satellite dishes at 461 S. Milpitas Blvd and report back at the October 18 meeting for a final review.

M/S

S. Bansal / H. Tran

Ayes: 9

2. Payroll Demonstration.

Bill Marion, the City's Director of Information Services, provided a summary of an online payroll pilot project. The program was designed and developed by the City's Information Services staff. The online payroll pilot project was developed to address the commission's recent review of the City's payroll processing workflow. Staff reported that the Information Services department staff will conduct a pilot test of the online payroll program first before deploying throughout the city workforce.

The commission asked will there be accommodations made for staffs that do not have access to computers. Staff added that there will still be paper timecards made for those employees who do not have direct access to a city computer.

The Commission requested another follow up on the payroll pilot project during their October 18 meeting.

Motion to note, receipt and file.

M/S

N. Gupta / W. Lam

Ayes: 9

### 3. August Information Services Report

The commission deferred the August monthly report to the October 18<sup>th</sup> commission meeting.

### 4. Round Table Discussion

No comments made by the commission.

## **VIII. Adjournment of Meeting:**

Meeting adjourned to October 18, 2010.