



# **FIREWORKS DISPLAY**

## **JULY 4, 2025**



# Technical & Creative Proposal

## CONCEPT



## DESIGN



## PRODUCTION







# STARFIRE CORPORATION

## PRESENTS

# CITY OF DORAL

## *Fireworks Spectacular*

# JULY 4, 2025

### *Featuring*

- \* The Most Creative Pyrotechnical Staff in the Business.
- \* A Huge Variety of World Class Quality Aerial Pyrotechnics.
- \* Comprehensive Insurance Coverage on an Occurrence Form Basis, with a World-Known, Top Rated Carrier.
- \* Our Professional Media and Public Relations Department to Assist you in Event Promotion.
- \* A Logistical Team and Office Staff who are Totally Dedicated to the Success of Your Fireworks Program.
- \* Our State-of-the-Art, Multi Media Production Services, featuring program media on the latest digital format.
- \* Spectacular computer designed, digitally fired fireworks performances, featuring the Fire One<sup>®</sup> computer system.



## MISSION STATEMENT

**Our goal is to provide our clients with an unrivaled level of service in all areas pyrotechnics demonstrating a level of excellence that only Starfire can provide. Many of our clients, and guests they have entertained, have seen fireworks & pyrotechnic displayed to music, but few have enjoyed the sheer magic of a genuine pyro-musical display, where precise design and interpretation allows for the most elaborate juxtaposition of fire, music and pyrotechnics. This is our expertise, and we submit the following creative firework and special effects concepts for your review and consideration.**

**Concept:** The integration of well known musical scores into our productions combines space for the pyrotechnics to develop with a strong sense of direction and purpose. Audiences respond well to contrast, and we use a number of atmospheric effects to create the background for sudden and overwhelming injections of pace, color and scale. These changes are achieved by a sudden change of mood within a piece of music or video presentation, by transitioning from one piece to another. Utilizing your existing launch environment, we will employ all aspects and materials available in our industry; Fireworks, Pyrotechnics, Lasers, Flame, Lighting Design, LED Walls. Contained in the following pages are just a few of our choice effects that are built to our specifications, and are designed specifically for venues such as yours.

**Design:** Utilizing specialized designs and launch apparatus for each event is imperative. Our design engineers who have visited your firing locations, have taken precise measurements to prescribe well in advance exactly what will be needed to ensure that our show design parameters meet our specifications for safety and integrity while maximizing visual impact. Your musical presentation will draw all the elements together into one clear and concise program.

**Production:** Starfire will provide a site visit to review show specifics and to make certain all materials in our proposal are in conformity with your display site which will meet and exceed local permitting requirements. Our team will deliver and begin the installation of the pyrotechnic materials. The person in charge of the command center will meet with your designated liaison to review musical coordination. Our team will then produce a flawless production.



## **SCOPE OF SERVICES**

**Starfire** is well known for attentiveness and responsiveness to our clients needs. Our prompt and courteous service, along with our web of strategically located storage and distribution facilities makes us uniquely qualified to design and produce hundreds of events across the Nation. Our diverse list of clientele and their testimonials to our achievements, assures new generations of events that they too are in good company. Within this diverse list of credits and clientele are groups who appreciate the true art of pyrotechnics and welcome the opportunity to be involved in the various stages of their productions. Others however, prefer little if any involvement. Whatever your preference, the finished productions are flawless works of art.

Our strict adherence over the last 50 years to all Bureau of Alcohol Tobacco & Firearms, Department of Transportation, and Occupational Safety & Health Association standards recognizes us as industry leaders in safety and compliance.

Based on our recent conversation we propose the following to ensure turnkey productions:

### **Design:**

1. Provide a preliminary site inspection.
2. Establish the selected firing or launch sites within your parameters.
3. Determine the correct firing and launch specifics regarding equipment and redundancy.
4. Build and assemble to Starfire Corporation specifications launch infrastructure, with strict compliance to NFPA standards.
5. Fully integrate all firing and command locations, into one seamless element.

### **Production:**

1. Maintain any necessary wiring or hardware required.
2. Provide a World Class Pyrotechnic display to your musical score.
3. Strike the command center returning the area in "like condition".





# CITY OF DORAL AERIAL SHELL SEGMENT

## FIREWORKS INVENTORY PG 1

**Proposed Inventory  
Aerial Shell Segment  
JULY 4, 2025  
Program Value: 55,000**

OPENING SEGMENT	QTY
Special Effect Barrages PG. 2	500
2.5" Three-Inch Shells	50
Four & Five-Inch Shells	30

BODY OF PROGRAM	QTY
Special Effect Barrages PG. 2	8,317
2.5"-Three -Inch Designer Shells	240
Four-Inch Designer Shells	144
Four-Inch Multi-Break Shells	144
Five-Inch Shells	288

GRAND FINALE	QTY
Special Effect Barrages PG. 2	2,000
2.5" Three-Inch Shells	470
Four-Inch Shells	40
Five -Inch Shells	30
<b>TOTAL SHELLS &amp; SHOTS</b>	<b>12,013</b>





# CITY OF DORAL

## GRAND ILLUMINATIONS

### “Multi-Theater Performances”

(any combination of effects below may be utilized)

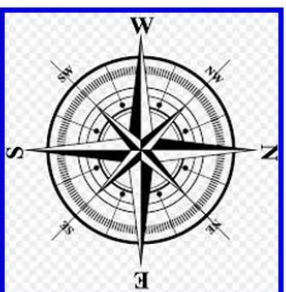
#### FIREWORKS INVENTORY PG 2

SPECIAL EFFECT BARRAGE ILLUMINATIONS	Formation	Quantity
600 S RWB W/CRACKLE TO REPORT Z	\\ /	1 / 600
500 S YELL/PURP/GOLD GLIT WATERFALL Z SHAPE	\\\\\\ /////	1 / 500
372 S “W” GOLD WILLOW COMET W/ BLUE PISTOL	\\ /	1 / 372
200 S “V” RAPID FIRE BLUE STARS	\\V	1 / 200
210 S “Z” Shape RAPID FIRE RED STARTS	\\\\V//	1 / 210
200 S PALM TREE & FALLING LEAVES W/ WHITE TAIL		1 / 200
210 S “Z” Shape ALTERNATING RWB PATTERN	\\\\V//	1 / 210
100 S FAN BLUE PIS & COLORFUL FALLING LEAVES		1 / 100
165 S 8 SHAPE WHITE STROBE WITH COLOR PISTIL	\\ /	1 / 165
100 S GREEN DAHLIA W/CHRY (fan)		1 / 100
100S RED-GRN TLS SPIT SIL FISH BLUE PEARL-CHRY-REPORT	\\\\\\ /////	1 / 100
280 S FAN HEPTAGON FIRE TREE TL & PINK TL	\\\\\\ /////	1 / 280
200 S RWB W/SALUTE FAN	\\\\V//	1 / 200
100 S PENTAGON FAN BROCC CROWN MINE & BLUE MINE		1 / 100
480 S CHANGING DRAGON	\\\\\\ /////	1 / 480
1000 S FEELING IN SNOW Z SHAPE		3 / 3,000
1000 S WHISTLING DRAGON	\\\\\\ /////	2 / 2,000
1000 S BUMPER HARVEST	\\\\V//	2 / 2,000
<b>ALL SELECTED ABOVE EFFECTS 22 SELECTED “BOXES”</b>	<b>TOTAL APX PIECES</b>	<b>10,817</b>





25 48 07 N  
80 20 70 W



CITY OF  
DORAL  
5" MAX SIZED  
SHELLS  
350' RADIUS  
NW 92 AVE  
DORAL, FL  
33172





# **Technical Crew Assignments**

## **CITY OF DORAL**

### **SAMPLING OF LEAD PERSONEL**

**Vince Terrizzi Executive Producer 35 years experience**

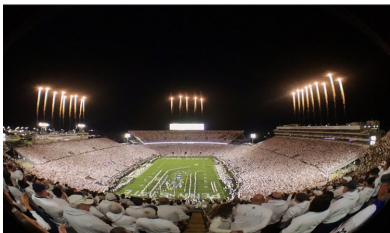
**Ralph Piacquaddio Chief Choreographer 30 years experience.  
(See Next Page)**

**Chris Reitano Class A Technician 20 years experience**

**Dan Harvey Class A Technician 15 years experience.**

**Aaron Rosenzweig Class A Technician 30 years experience.  
Licensed in NY, NJ, CT, MA, DE,**

**Assistant Technicians TBD**



**PENN STATE**



**CITY OF PITTSBURGH**



**PYRO ARCH**

CORPORATE HEADQUATERS  
566 THEATER RD. PO BOX 179  
ST. BENEDICT, PA 15773  
800-806-4486

**Ralph Piacquadio**  
**CHIEF CHOREOGRAPHER**  
**(Partial List)**

## Philadelphia, PA

(Multiple shows over 11 years)

## “Welcome America” (Museum of Art)

## “2 Cities 2 States” (Barges Penn’s Landing)

## Penn's Landing New Year's Eve (Barges Penn's Landing)

# Philadelphia Phillies

# Philadelphia Eagles (Opening of Lincoln Financial Field)

## Design/Production Pyrotechnics for Sports Teams:

## Cleveland Indians

# Philadelphia Phillies

# Toledo Mud Hens

# Akron Aeros

# Pittsburgh Steelers

# Philadelphia Eagles

## Cleveland Browns

# Houston, TX Super Bowl XXXVIII Halftime Pyrotechnics

## City Show - Pittsburgh , PA

(2009, 2011, 2012, 2015, 2017, 2018)

## July 4<sup>th</sup> (Barges Ohio River)

# City Show - Columbus, OH

(2003 thru 2019)

## “Red, White & Boom” (Downtown Columbus)

## City Show – Toledo, OH

(2017, 2018, 2019)

## Boston, MA

## Democratic National Convention (Barges Charles River)

## Montreal, Canada

## Gold Jupiter Winner

# L'International des Faux Loto-Quebec Pyromusical Competition





# STARFIRE CORPORATION

## **CITY OF DORAL**

### ***Management Team***

#### **EXECUTIVE PRODUCER**

Works directly with your Event Staff covering all ends of the spectrum. Responsible for reporting directly to the Sr. Design Producer and is the “go-to” or point person for the entire project enterprise. All project managers directly report to the Executive Producer, allowing for a smooth and efficient chain of command.

#### **PROJECT MANAGER**

This role oversees the entire project enterprise. In addition, this role oversees the coordination of personnel, equipment, and all matters pertaining to the smooth and efficient deployment of the programs. The Project Manager insures that design is properly met and is appropriate for the Venues. The Project Manager also handles all communication issues, as well as, equipment and firing system installation and on site maintenance.

#### **VENUE, SAFETY & COMPLIANCE MANAGER (SCM)**

The Venue Manager is responsible for the coordination of all activities at the Venues. This Manager oversees the physical set-up, discharge, and strike of all pyrotechnics and equipment at all the assigned venues. The VSCM oversees the set-up and use of the firing system to ensure functionality in accordance to design specs.

#### **TECHNICIANS**

Technicians are responsible for the physical assembly and installation of all equipment based on the final design specifications. Technicians are responsible for the installation of all pyrotechnic devices used at the various venues. The Technicians are also responsible for setup and strike of firing cue equipment, which include a post display “dud” search. The Technicians report directly to the Venue Safety & Compliance Manager.



# REFERENCES







**CONFIDENTIAL DO NOT DISTRIBUTE**

**Recent Clients / Venues**

<b>Mr. Stephen Poh</b> City Manager <i>North Palm Beach</i> North Palm Beach, FL	<b>561-841-3386</b>
<b>Ms. Laura Cray Young</b> Director of Events <i>BallenIsles Country Club</i> Palm Beach, FL	<b>561-775-4730</b>
<b>Ms. Tracy Bailey</b> City Manager <i>City of Titusville</i> Titusville, FL	<b>321-567-3734</b>
<b>Mr. Anthony Favata</b> VP Operations & Events <i>Florida Marlins</i> Miami, FL	<b>305-480-1586</b>

**Additional References Furnished Upon Request**

# **OUTDOOR HIGH ALTITUDE AERIAL EFFECTS AND DESCRIPTIONS**





# Outdoor Aerial Fireworks

## Three-Inch Through Ten-Inch Shells

Shell sizes are available according to site dimensions

CHRYSANTHEMUM SHELLS - Brilliant colors in a perfectly round burst. Most shells feature rising effects such as rising comet tails or rising whistles. Inventory includes:

- *Strobing Two Color Changing "Ghost" Shells*
- *Glittering Silver and Wave series*
- *Crackling Chrysanthemums*
- *Gold Spider*

### SPECIAL EFFECT SHELLS

- *Screaming Whistle Shells*
- *Electric Storm Shells (dragon eggs)*
- *Gold Flitter*
- *Spider (Gold, Silver)*
- *Two Break Color and Report*
- *Magnesium Combo*

SALUTE AND THUNDER SHELLS - A variety of effects that incorporate powerful reports into their display. Featuring:

- *Artillery Titanium, Thunder Blossom, Battle Clouds*

STROBE, TWINKLING AND SPARKLING STAR SHELLS - A variety of beautiful twinkling star shells, featuring:

- *Strobe Shells (Red, White, Silver, Green)*
- *Flashing Light Shells (Pink, Gold, Silver, Red, Green)*
- *Sparkling Light Shells (Gold, Red, Green, Silver)*
- *Twinkling Stars (Spangle, Silver, Gold)*

MULTI-COLORED JAPANESE STYLE PEONIES - Variegated colors in a spherical burst resembling a peony flower, many with rising effects (tails, flowers, whistles, etc).

- *Color Changing Peony (Two, Three or Four Color Changes)*
- *Peony With Pistil*

SPECIAL AND MULTI-PATTERN SHELLS \*- Forming fantastic, unusual patterns.

- *Olympic Ring Pattern, Happy Face Pattern, Five-Pointed Star (White, Red, Blue) Red*
- *Snail Pattern with Drifting Purple Small Flowers, Saturn Planet, Bow Tie Pattern, Hourglass with Color Ring Diamond, Shamrock, Club Pattern with Strobing Center, Gold Hour Glass with Red or Blue Ring, Red—White—Blue Shell of Shell Rings, Umbrella Pattern, Kiddy Fishes in Crowds with Crackling Stars, Stained Glass, Poinsettia Pattern—Variegated Colors, Sunflower Pattern, Butterfly in Circle Pattern, 3-D Tetrahedron Pattern*

# Outdoor Aerial Fireworks

**PALM TREE SHELLS** - A huge palm tree with rising comet tails.

- *Blue Palm Tree with Yellow Trunk, Green Palm Tree Shell of Shells, Glitter Palm with Glittering Comet Tail, Crackling Palm Tree with Rising Crackling Tail, Red Coconut Leaves*

**MULTI-BREAK SHELL OF SHELLS** - A variety of effects that incorporate hundreds of components into their display.

- *Thousands of Colorful Strobes, Thousands of Brocade Waterfall, Thousands of Glittering*
- *Artillery Titanium, Thundering Blossom, Battle in the Clouds*

**JAPANESE BROCADE WATERFALL** - It looks just like a shimmering golden waterfall high in the sky. (Also in shell-of-shells variety)

**SHATTERING GLASS** - Looks like glass shattering - Very Different! Yellow to Red color changing stars with Glitter Strobe effects.

**WAGON WHEEL COMET** - A Huge break of a Glitter Ring pattern with comets protruding from center to form the pattern of a wheel. Very Unique.

**MAG ILLUMINATORS** - Super flights that are intensely bright.

**GO-GETTERS** - Rich, vibrant colors featuring Violet, Bright Red and Rich Emerald Green. Shell breaks soft - then waves of corkscrew erratic propulsion in every direction.

**COMET SHELLS** - A variety of special effects.

- *Split Comets—Gold Flitter, White Flitter, Crossette—Red, Green, Silver, Glitter, Scattering - Criss Crossing comets, Magic Scatter—Yellow Comet Flower, Snowball Crossette—Long Tailed, Fluffy White Glitter*

## **ADVANCED EFFECT AND DESIGNER JAPANESE SHELLS**

- *Gold Flitter Split Comets, Super Crown, Designer Three and Four Color Change Effects, Eddy In Chrysanthemum*
- *Crackling Dahlia with Crackling Mag Stars Pistil, Farfalle, Diadem with Scrambling Red & Green Comets, Comet Mine Shell of Shells*
- *Brocade Diadem Kamuro Shell of Shells, Floral Shell of Shells with Popping Brocade Small Flowers Pistil, Lightning Bugs (Strobing stars)*
- *Blue Comets to Floral Salute Shell of Shells, Floral Fancy (Chrysanthemum with Ring of Diadem Stars)*
- *Silver Waterfall with Red and Blue Scrambling Comets, Palm Flowers (Palm Tree without trunk)*
- *Japanese Kaleidoscope with Color Pistil, Circle of Bouquets—Assorted Colors, Magic Peony, Spangle Peony with Coconut Core*



# Outdoor Aerial Fireworks

## Opening and Grand Finale

*Level 1: Multi-Shot Fanned Crossette Barrage*

*Level 2: Aerial Shells in Three-Inch Color & Titanium Salute Shells*

*Level 3: Huge Aerial Shells blossom over the top*

**Starfire** is known for MANUFACTURING and producing the most exciting Openings and Grand Finales in the business. We use special effect, and multi-break shells, rising flowers and tails, along with large support shells, all timed to allow for a continuous barrage.

Most finales are **TWIN—THEATER** presentations, designed to be displayed from **two locations** simultaneously:

☀ **2.5”- 3” Special Color Shell “Fan”** - Hundreds of spectacular Japanese-style shells volley into the sky into a widely “fanned” overlay of multi-colored floral patterns. Our 2.5” diameter shells have rising effects.

☀ **2.5” - 3” Titanium Salute Shells w/ Silver Tails** - The color shells are joined by a bombardment of electric flash salutes, again exploding into a wide fan pattern for maximum coverage. All salutes are followed by brilliant magnesium comets. Our 2.5” diameter shells have rising effects.

☀ **Multi Break Shells** - The sky now turns into a multi-level barrage of color, and booming reports. High over the top of the finale, huge oriental chrysanthemum bursts soar up to 1,000 feet above the barges.

☀ **Japanese Special Effect Shells** The heavens ignite with the sights and sounds of a full-scale aerial barrage above pounding flash salutes that are heard for miles around. This scene includes a full multi-level compliment of the most spectacular aerial effects available.

☀ *Brilliant Brocade Chrysanthemums*

☀ *Kamuro Shells with Spangle Pistil*

☀ *Popping Brocade Flowers*

☀ *Color Changing Mums w/ Changing Pistils*

☀ *Artillery Titanium (Shell of Shells)*

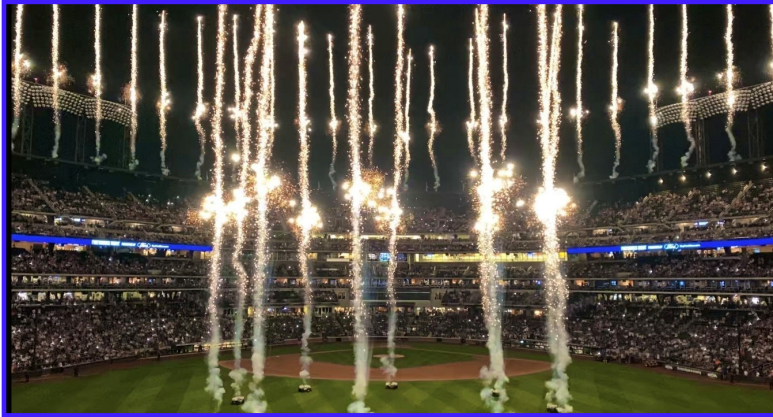
# SCOPE OF SERVICES

**PROGRAM VALUE: \$55,000**

## OTHER SERVICES:

### INSURANCE LIABILITY COVERAGE\*:

Insurance: \$10,000,000 General Liability  
\$5,000,000 Motor Carrier



### WORKER'S COMPENSATION:

Full coverage as required by law.

### U.S. LONGSHOREMAN & HARBOR WORKER'S ACT:

We provide full coverage for Pyrotechnicians who perform fireworks exhibitions on barge based programs.

**COMPLIANCE:** Starfire Inc. strictly adheres to the following requirements:

- \* NFPA 1123, BATF, OSHA
- \* U.S. Department of Transportation
- \* U.S. Coast Guard



**VISIT US AT [WWW.STARFIRECORPORATION.COM](http://WWW.STARFIRECORPORATION.COM)**

**800-806-4486**

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**CONTENT SUBJECT TO REDESIGN:** We reserve the right to make substitutions in the products, types, quantities and sizes listed herein, provided such substitutions are in accordance with NFPA 1123. The value of this program among other production elements, is based on the programs esthetic look. Different firework effects and shells of the same size may have significantly different values, therefore, a fireworks program can never be valued on shell counts alone. \* Insurance limits are valid through our policy period February 15, 2025—February 15, 2026 (Policy subject to renewal at that time)

**From:** [Charlie Rappa](#)  
**To:** [Diana Maldonado \(PR\)](#)  
**Cc:** [Natalia Lopera \(PR\)](#)  
**Subject:** Re: CITY OF DORAL FIREWORKS  
**Date:** Tuesday, March 11, 2025 4:16:43 PM  
**Attachments:** [image001.png](#)

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**CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Hello again

Thanks for your response.

With your RFP being issued later than some, and while Starfire has a fleet of floating devices to launch the proposed program from the lake, those resources are currently committed to other projects.

Our land based program which you possess, still stands as presented.

On Tue, Mar 11, 2025 at 2:03 PM Diana Maldonado (PR)  
<[Diana.Maldonado@cityofdoral.com](mailto:Diana.Maldonado@cityofdoral.com)> wrote:

Hi Charlie,

We are in the process of reviewing the proposals received and I wanted to ask if there is any specific reason why you didn't submit a proposal for launching the fireworks from the center of the lake in the park. We are considering both types of proposals but since other companies also provided proposals to launch from the water, we wanted to give you the same opportunity. If you are able to provide a proposal for launching from the water, please include the additional costs for a barge or temporary floating structure and submit it by this Friday.

Sincerely,

**Diana Maldonado, M.S.**

*Cultural Arts & Events Administrator*

**City of Doral**

8401 NW 53 Terrace

Doral, FL 33166

T (305) 593-6600 Ext. 5023



[diana.maldonado@cityofdoral.com](mailto:diana.maldonado@cityofdoral.com)

[www.cityofdoral.com](http://www.cityofdoral.com)

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Your satisfaction is our top priority! Please take a few minutes to share your thoughts on your recent interaction: [www.cityofdoral.com/wewantfeedback](http://www.cityofdoral.com/wewantfeedback)

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**From:** Charlie Rappa <[charlie@starfirecorporation.com](mailto:charlie@starfirecorporation.com)>

**Sent:** Wednesday, March 5, 2025 4:29 PM

**To:** Diana Maldonado (PR) <[Diana.Maldonado@cityofdoral.com](mailto:Diana.Maldonado@cityofdoral.com)>; Natalia Lopera (PR) <[Natalia.Lopera@cityofdoral.com](mailto:Natalia.Lopera@cityofdoral.com)>

**Subject:** CITY OF DORAL FIREWORKS

**CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Hello Diana and Natalia

I hope all is going well.

In response to your recent email requesting our proposal, please find attached our response.

Starfire Corporation has been entertaining millions of fans for 40 years. Our World Class Firework programs feature an exciting mix of fireworks manufactured to our specifications from prominent providers from around the Globe. In addition to our Worldwide providers, Starfire is one of only a handful of U.S. Manufacturers in existence today. Our specially designed fireworks manufactured in the U.S. will only be seen on those programs we produce. Starfire Corporation is a Nationally recognized provider of firework performances with facilities and sales offices around the Nation, including several in the State of Florida.

Our turnkey event solutions take our clients' vision from studio design, through permitting and onto production. All our events include \$10MM in G/L, W/C and all other applicable insurances. Our teams of highly trained technicians are employees of Starfire Corp. with years of dedicated experience.

Please feel free to contact me with any questions you may have.

We look forward to the prospect of working with you and your community for this event.

Charlie Rappa

**STARFIRE CORPORATION**

631-624-4976 C

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**Charlie Rappa**  
**Starfire Corporation**  
**631-624-4976 C**

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