

# Smooth Communication on the Thames

## Hytera DMR Radios in Action for Queen's Thames Pageant

### User

Her Majesty the Queen's Thames Pageant, UK

### Market segment

Mega Event

### Project time

2012

### Products

PD70X Portable Radio

PD78X Portable Radio

### Solution features

City-wide coverage

Rugged and waterproof portable radios

Superior voice communication



### Background >>

3 June, 2012, over 1,000 vessels participated in a flotilla on the River Thames from Battersea to Tower Bridge to take part in the Thames Diamond Jubilee Pageant. The flotilla was bolstered with passenger boats carrying flag-waving members of the public placed centre stage (or rather mid-river) in this floating celebration of Her Majesty's 60 year reign. The Thames Diamond Jubilee Pageant celebrated Her Majesty's 60 years of service by magnificently bringing the Thames to life; making it joyously full with boats, resounding with clanging bells, tooting horns and sounding whistles; recalling both its royal heritage and its heyday as a working, bustling river. Hytera and Hytera partner in the UK--Roadphone NRB were extremely proud and privileged to be a crucial and fundamental part of the prestigious event.

### Customer Demands >>

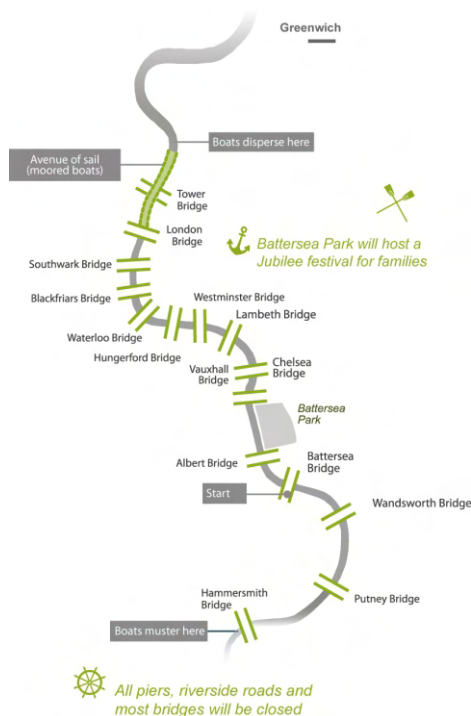
The event produced one of the largest flotillas ever assembled on the river, with rowed boats, working boats and pleasure vessels of all shapes and sizes. Over 1000 skippers and their crews brought their vessels safely onto the river. Her Majesty the Queen, the other members of the Royal Family and millions of people who braved the weather to line the banks of the river Thames enjoyed this Pageant. Thousands of officials from pageant team were involved to ensure that this highly complex event on a potentially dangerous river went smoothly. All of these made wireless communication a hard task. Superior audio performance, efficient frequency utilization and multiple date applications were their basic requirements for the wireless communication equipments. Considering the whole event was proceeded on the river, robust and environmentally protected equipments were required as the radios were subject to rain.



PD78X

PD70X





## Solutions

During this prestigious event, complex environment and millions of people brought great pressure to the security work, of which flexible, stable and clear wireless communication is an absolutely important part. According to the organizer's requirements, Roadphone NRB suggested Hytera DMR hand portables PD70X/PD78X, which were featured with compact design, IP67 protection, and superior audio quality. The radios' durability got acknowledged when the radios were found to be in full working order, suffering no ill after completely submersed in water for a long period of time. The organizer was amazed by Hytera's high quality products and decided to apply them during the whole Pageant.

Over 1,800 Hytera DMR hand portables PD70X/PD78X had been deployed to support the event along with base station repeaters and accessories. The DMR system supported the whole city and the security company split it into 12 zones, with zone managers monitoring traffic back at the Transport for London offices. The traffic was quite heavy but the transport didn't have any problems. During the event, the radios performed excellently in the very wet conditions due to their IP67 rating.

## Benefits

Equipped with Hytera PD70X/PD78X, the Pageant team did a magnificent job bringing the event to go smoothly, helping to create a truly majestic spectacle. Thanks to the extraordinary performance of the radios, the Pageant team could keep constant and efficient communication despite the very wet and rainy weather, which ensured the event's success. All the careful planning and preparation by so many people has paid off. Hytera also got high appraisal from the organizer by its outstanding features:

### Reliable Quality

PD70X/PD78X is strictly compliant with MIL-STD-810C/D/E/F/G and IP67 standards, ensuring outstanding performance even in harsh environments.

### Superior Voice

With the combined application of narrowband codec and digital error-correction technologies, PD70X/PD78X is capable of ensuring superior voice in noisy environments or at the edge of the coverage area. In addition, the adoption of the AGC technology also optimizes the voice. With a built-in 1W speaker, PD70X/PD78X ensures clear and crisp voice communication.

## Voice from Customer

*"The handsets are very feature-rich", Mr Ward explains. "It's got one or two unique features, like it announces what channel you're on and you can press a button on the side and it will tell you how much battery time is left. We've been very pleased with them."*

*"The only problem we did have was it was raining so hard that some of the speaker microphones filled up with water. But they still worked: we just tipped the water out of them! Had they been the old traditional radios, I'd dread to think what damage we would have had."*

— John Wand, managing director of Roadphone



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