



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

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|---|--|----|--------------|-------------------------------|-----------------------|------------------------|---------------------|
| Inspection Date | YYYY | MM | DD | Report Number | 20200706-WMATA-KEK-06 | | |
| | 2020 | 07 | 06 | | | | |
| Rail Agency Name | Washington Metropolitan Area Transit Authority | | | Rail Agency Department | Signals & ATC | Sub- Department | ATCIN |
| Rail Agency Department Contact Information | Name | | Email | | Office Phone | | Mobile Phone |
| | WMATA-ROCC & WS EMP's | | N/A | | N/A | | N/A |
| Inspection Location | WMATA RAIL SYSTEM – ROCC - OPS 1, 2 & 3 | | | | | | |

Inspection Summary

| Inspection Activity # | 1 | 2 | 3 | 4 | 5 | 6 |
|---|--------------|--------------|--------------|--------------|--------------|-----|
| Activity Code | COMM-GEN-OBS | COMM-GEN-OBS | COMM-GEN-OBS | COMM-GEN-OBS | COMM-GEN-OBS | N/A |
| Inspection Units | 1 | 3 | 1 | 1 | 1 | N/A |
| Inspection Subunits | 1 | 0 | 0 | 0 | 0 | N/A |
| Defects (Number) | 0 | 0 | 0 | 0 | 0 | N/A |
| Recommended Finding | NO | NO | NO | NO | NO | N/A |
| Remedial Action Required¹ | NO | NO | NO | NO | NO | N/A |
| Recommended Reinspection | NO | NO | NO | NO | NO | N/A |

Activity Summaries

| | | | | | | | | | | | |
|---|-----------------------------|---------------------------|-----------------------------------|-----------------|----------------------------|---------------------------------------|----------------------|----------------------------|----------------------|-----------------|------------|
| Inspection Activity # | 01 | Inspection Subject | Radio Monitoring of OPS 1, 2, & 3 | | | | Activity Code | | COMM | GEN | OBS |
| Job Briefing Employee Name/Title | N/A – Monitoring Radio Comm | | Accompanied Inspector? | N/A | Out Brief Conducted | N/A | Time | 11:00a to 7:32p | Outside Shift | N/A | |
| Related Reports | N/A | | Related CAPS / Findings | | N/A | | | | | | |
| Related Rules, SOPs, Standards, or Other | Ref | Rule or SOP | | Standard | | Other / Title | | Checklist Reference | | | |
| | MSRPH | | | | | CODE #34 | | MSRPH | | | |
| Inspection Location | Main Track | Yard | Station | OCC | RTA Facility | WMSC Office | Track Type | At-grade | Tunnel | Elevated | N/A |
| | X | X | X | X | | | | X | X | X | |
| Line(s) | ALL Lines | | Track Number | 1 & 2 | | Chain Marker and/or Station(s) | From | | To | | |
| | | | | | | | SYSTEM | | SYSTEM | | |
| Vehicles | Head Car Number | | Number of Cars | | Equipment | WMATA - Radio Communication System | | | | | |
| | N/A | | N/A | | | | | | | | |

¹ The rail transit agency must provide WMSC with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing WMSC verification inspections to ensure corrections are sufficient and effective.

| | |
|--|------------------------|
| Inspector in Charge - Signature | Date |
| Inspector in Charge – Name | Inspection Team |



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| Description | <p>Inspection: July 4, 2020 – System Communication Monitoring Looking for proper radio handling throughout WMATA rail system for proper radio communication.</p> <p>Activity #1 – 11:00am – 12:49pm: Monitored communication between OPS 3/ROCC/Talk Group #32848 & Roadway Crew Members performing Track Inspection, Track 2. Requesting and relinquishing Foul Time throughout inspection route; Navy Yard, Waterfront, and L’Enfant Plaza stations. Monitored communication between ROCC Controller of OPS 3 to train operators announcing 15 MPH Speed Restriction’s during Foul Time Requests. Blue/Yellow Lines South of Rosslyn Station:</p> <ul style="list-style-type: none"> • Observed communication use for compliance with Federal Communications Commission Rules and Regulations, and for compliance with WMATA Rules, Procedures and General Notices; MSRPH Cardinal Rule 1.69. • Observed personnel’s proper use of Radio Procedure MSRPH Cardinal Rule 1.79; where transmission or reception are heard, fully understood and acknowledged and repeated by the receiver and transmitters 100% word for word repeat back. <p>Activity #2 – 3:54pm to 5:02pm Monitored communication between OPS 3/ROCC/Talk Group #32848 & Train Operator’s for three (3) events.</p> <ol style="list-style-type: none"> 1. 3:45pm – Blue/Yellow/Green Lines. OPS 3 – South of Rosslyn. Talk group #32848. Loss of Speed Commands issue. 2. 4:58pm – OPS 1 – Talk Group #32848. Loss of Speed Commands issue. 3. 4:17pm – Talk Group #32848. Train Malfunction. <ul style="list-style-type: none"> • 4:22pm - Georgia Avenue track #2: Train #503 experienced mechanical difficulties resulting in an offload and Green Line delays to Branch Avenue. All appropriate personnel notified. Update to follow. ROCC ALERT • 4:40pm - Georgia Avenue, track #2 Update: Upon further investigation, it has been determined the issue was an open battery breaker box. Train #503 is en route to Branch Ave Yard. Residual Green Line delays to Branch Avenue. Update to follow. ROCC ALERT • 5:02pm - Georgia Avenue, track #2 Update: Normal service has resumed on the Green Line. ROCC ALERT • MSRPH Cardinal Rules Compliant 1.78, 1.79, 3.22, 3.79, SOP #1/1a, and SOP #34. <p>Activity #3 – 4:53pm Monitored communication between OPS 2/ROIC (Rail Operations Information Center) operators to all Train Operators on the Blue/Orange/Silver Lines. The announcement was to alert all train operators of Station Closings/Openings.</p> <ul style="list-style-type: none"> • All communication was clear, concise, and repeated. • MSRPH Cardinal Rules Compliant 1.78 and 1.79 <p>Activity #4 – 4:41pm Monitored communication between OPS 3 Operator to all Train Operators on the Blue/Yellow/Green Lines, Announcement of closure at Arlington Cemetery due to “Unauthorized Person on Roadway.” Announcement came with instructions to all Roadway Workers. All information was clear, concise, and repeated. Rail system resumed service at approximately 6:24pm, when person was cleared of roadway.</p> <ul style="list-style-type: none"> • MSRPH Cardinal Rules Compliant 4.183.d – Radio Announcements, and 3.87 Roadway Safety. <p>Activity #5 – 7:24pm Monitored communication between OPS 1, - Red Line; Talk Group #32784 and B2 Radio Operator. Roadway worker requested radio check from the ROCC due to report of Dead Spots around CM 145 +/- 00. Caution was exercised also due to Permissive Block Request in that area.</p> | Number of Defects | 0 | |
| | | | Recommended Finding? | NONE |
| | | | Remedial Action Required? | NO |
| | | | Recommended Reinspection? | NO |



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| | <ul style="list-style-type: none">• Permission granted with complete, clear, concise communication between all personnel, wayside to ROCC.• Monitored Cross Talk with OPS #2 during encounter.• MSRPH Cardinal Rules and SOP #15 | | |
| Remedial Action | NO | | |

Photos: