

Research forum on Super Typhoon Mangkhut

Transport Department
(3 May 2019)



About TD ETCC

Transport Department

Emergency T ransport C oordination C entre (ETCC)

運輸署緊急事故交通協調中心

- Established since May 2000, manned round the clock.
- Transport Incident Management Section (TIMS)
- No. of incidents handled

Year	2012	2013	2014	2015	2016	2017	2018
No. of cases	5,190	5,187	5,041	5,115	5,120	5,361	5,256

TD Emergency Transport Coordination Centre (ETCC)

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Roles of ETCC



1. Monitor Traffic & Transport Situation via:

- CCTVs and Mobile CCTVs
- TV / Radio / Internet News
- Information provided by 3rd Parties (e.g. Police, PT operators...)



2. Liaise with Gov't Depts. and concerned parties for :

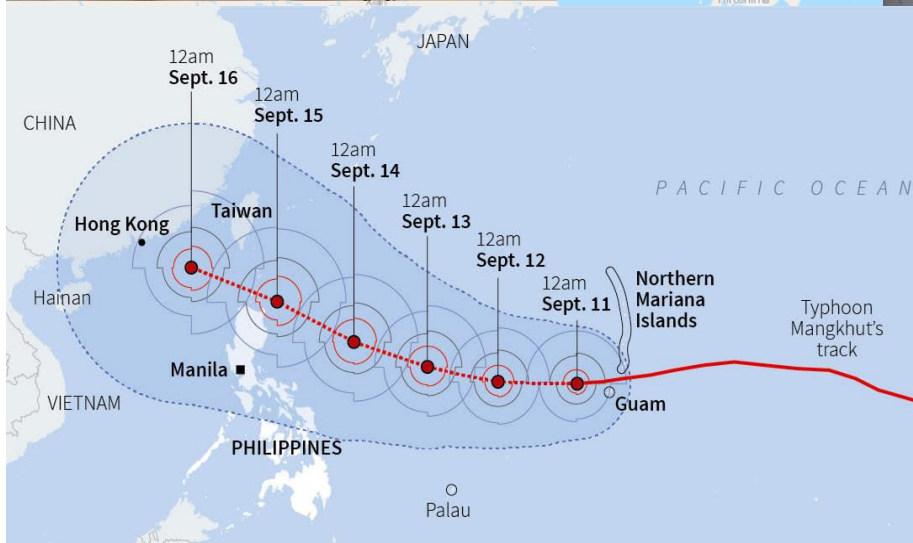
- Traffic Impact Assessment
- Traffic Diversion Plan
- Emergency Public Transport Arrangement
- Crowd Control & Other Recovery Actions



3. Disseminate info. to the public, tunnels / bridges / control areas and public transport operators



Tier 3 ETCC Operation – *Super Typhoon Mangkhut* on 15-17 September 2018



***Super Typhoon Mangkhut* on 15-17 September 2018**

The operation of ETCC had been escalated from

- *Tier 1 to Tier 2 (Fixed Mode) since 2100 hrs on 15 Sept 2018 (Sat).*
- *Tier 2 to Tier 3 (JSM) from 1700 hrs on 16 Sept (Sun) to 0900 hrs on 22 Sept 2019 (Sat).*

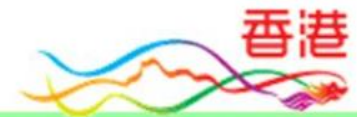
Preparation work for Typhoon No. 8 done by ETCC:

- Sent SMS/ email to alert senior management, colleagues from concerned teams such as Ferry Team, Boundary Team, Tunnel Tsing Ma Section (TTMS), and Licensing Division, and Transport and Housing Bureau (THB) about the tropical cyclone warning
- Conveyed updated information on tropical cyclone warning to all the operators of PT, tunnel areas, etc. for their follow-up actions
- Disseminated latest tropical cyclone warning and news of PT service suspension via press release/ TD webpage/ GovHK Notification Apps / eTraffic News / eMobility



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Super Typhoon Mangkhut on 15-17 September 2018

Arrangements were made by ETCC to handle the traffic and transport arrangements / incidents under typhoon signal no.8 to 10:

- Arranged TIMS DOs / TechOs to cover the overnight period
- Requested Fixed Mode duty officers to attend ETCC
- Asked Ferry Team and Boundary Team to deploy duty officers at ETCC to monitor the ferry services and boundary transport services respectively
- Alerted TTMS; TTMS colleagues would be deployed to monitor the traffic situation at tunnels and control areas as necessary
- Closely liaise with Police and works departments about the case of fallen trees and other objects



Super Typhoon Mangkhut on 15-17 September 2018

During the typhoon:

- ETCC disseminated latest news of PT service suspension/ disruption and road closure via press release/ TD webpage/ GovHK Notification Apps/ eTraffic News
- All major PT operators were requested to arrange their own publicities via mobile apps, LED display, public announcement and notice as appropriate
- Kept on closely liaising with Police and works departments about the case of fallen trees and other objects and their clearance status
- Closely monitored the weather situation with HKO; and
- Conveyed the latest weather information to the PT operators and check their readiness of service resumption

Super Typhoon Mangkhut on 15-17 September 2018

Impacts

- Services suspension of KMB, LW, CTB, NWFB, NLB, Discovery Bay Transit, and MTRCL
- Tramway, peak tram, NP 360 and ferry services were suspended
- Large number of cases on fallen scaffolding and fallen trees/ lamp posts with traffic impact were reported to ETCC



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Super Typhoon Mangkhut on 15-17 September 2018

Unprecedented Challenges

1. lowering of Typhoon Signal No. 8 to 3 in early morning peak of a working day
2. coincidence of PT services disruption / suspension - suspension of most franchised bus services and MTR East Rail Line and Light Rail)
3. severe damage to the public transport network and facilities (including railways, roads and piers)
4. massive fallen trees (over 2,000)
5. territory-wide road closure (over 450 cases of obstruction and closure of other road sections)
6. territory-wide malfunction of traffic lights (over 180)



Super Typhoon Mangkhut on 15-17 September 2018



交通消息 一文睇晒




Super Typhoon Mangkhut on 15-17 September 2018

PT resumption after typhoon

1. MTR East Rail Line resumed full service on 17 September (evening) and Light Rail resumed full service on 18 September (morning).
2. Among the 640 bus routes, over 30% resumed on 17 September (night), about 95% (620 routes) resumed on 18 September (early morning). On 21 September, all bus routes (except one) resumed and the remaining route resumed on 22 September (morning).





Q & A
Thank You!