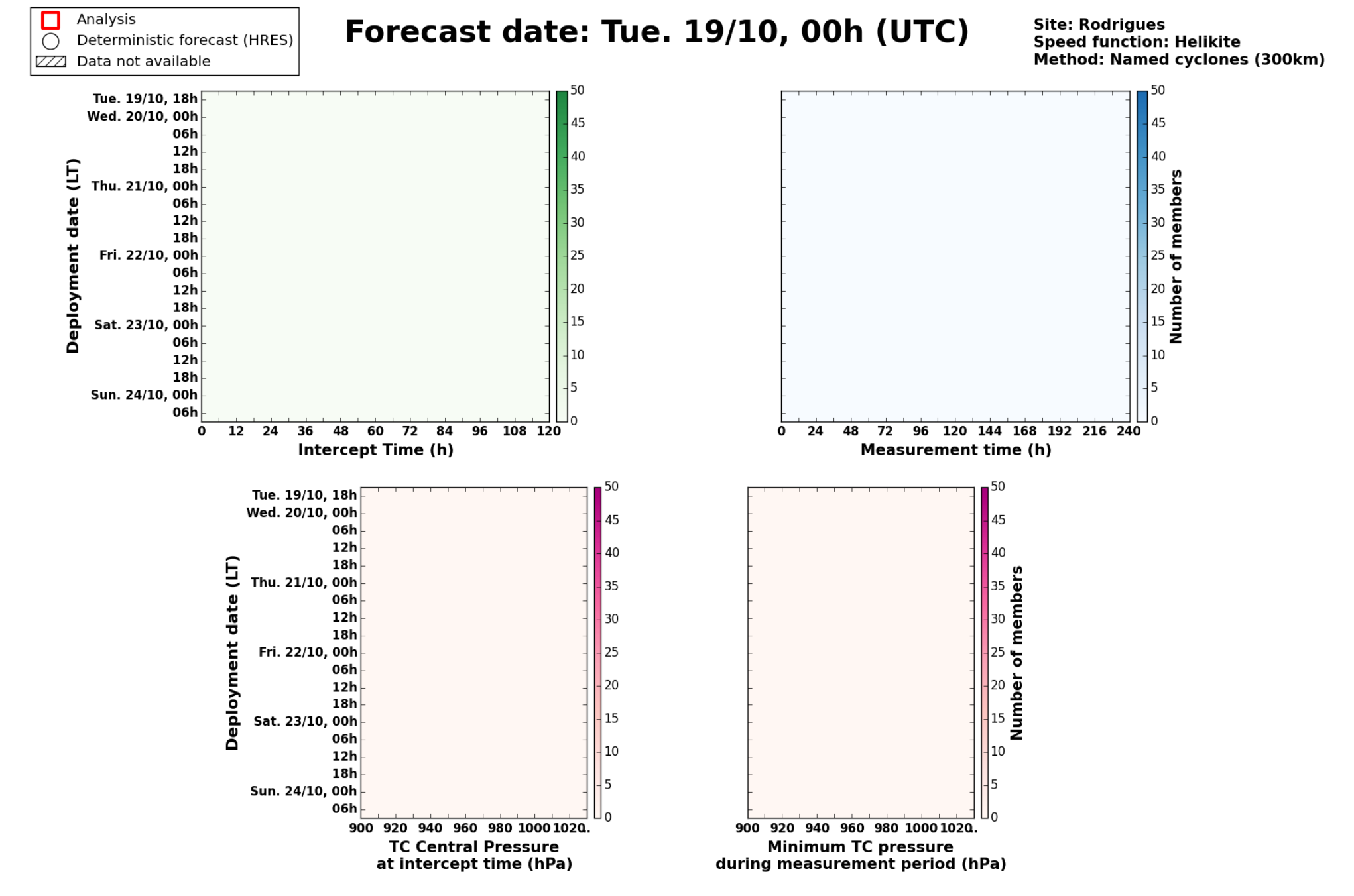
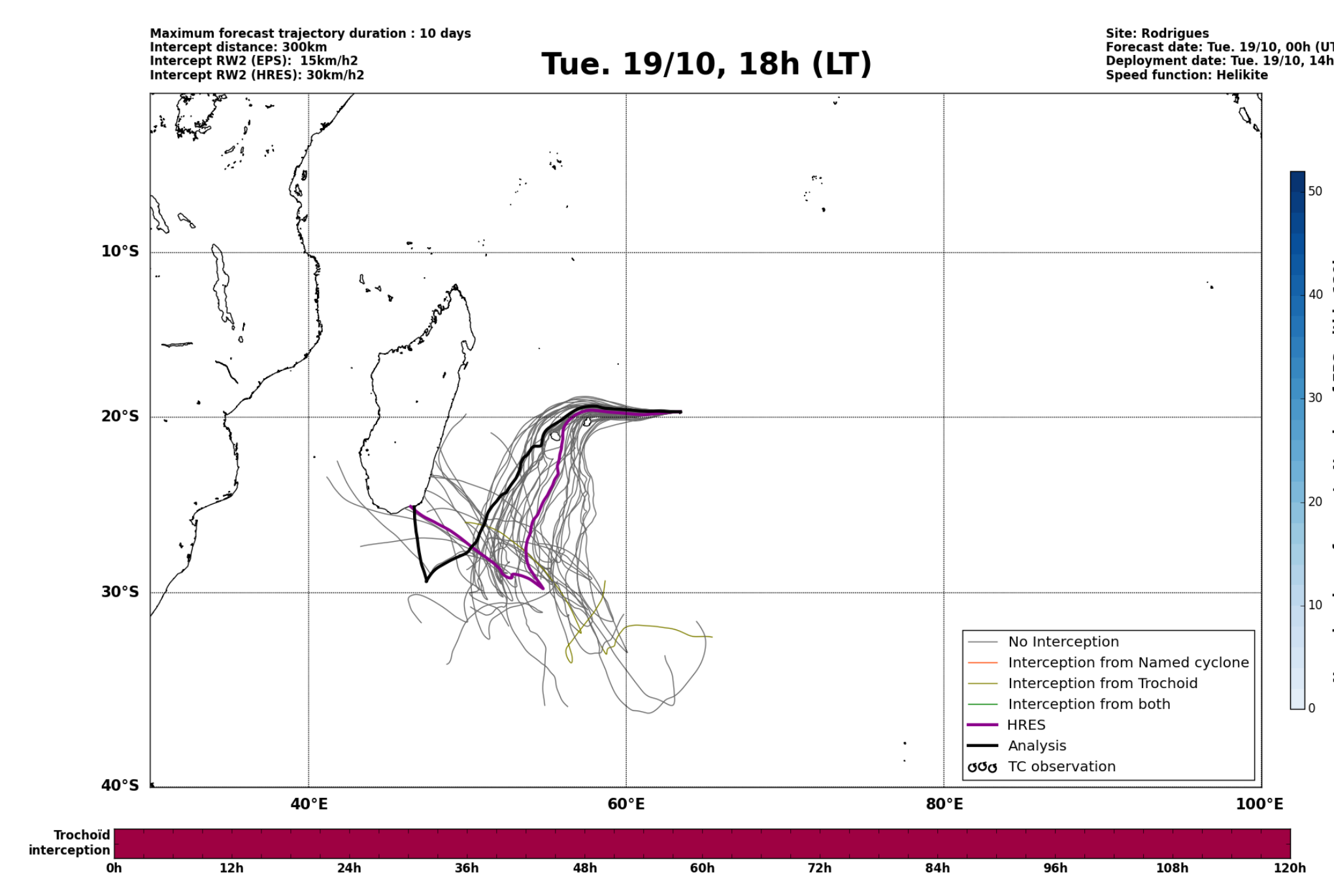
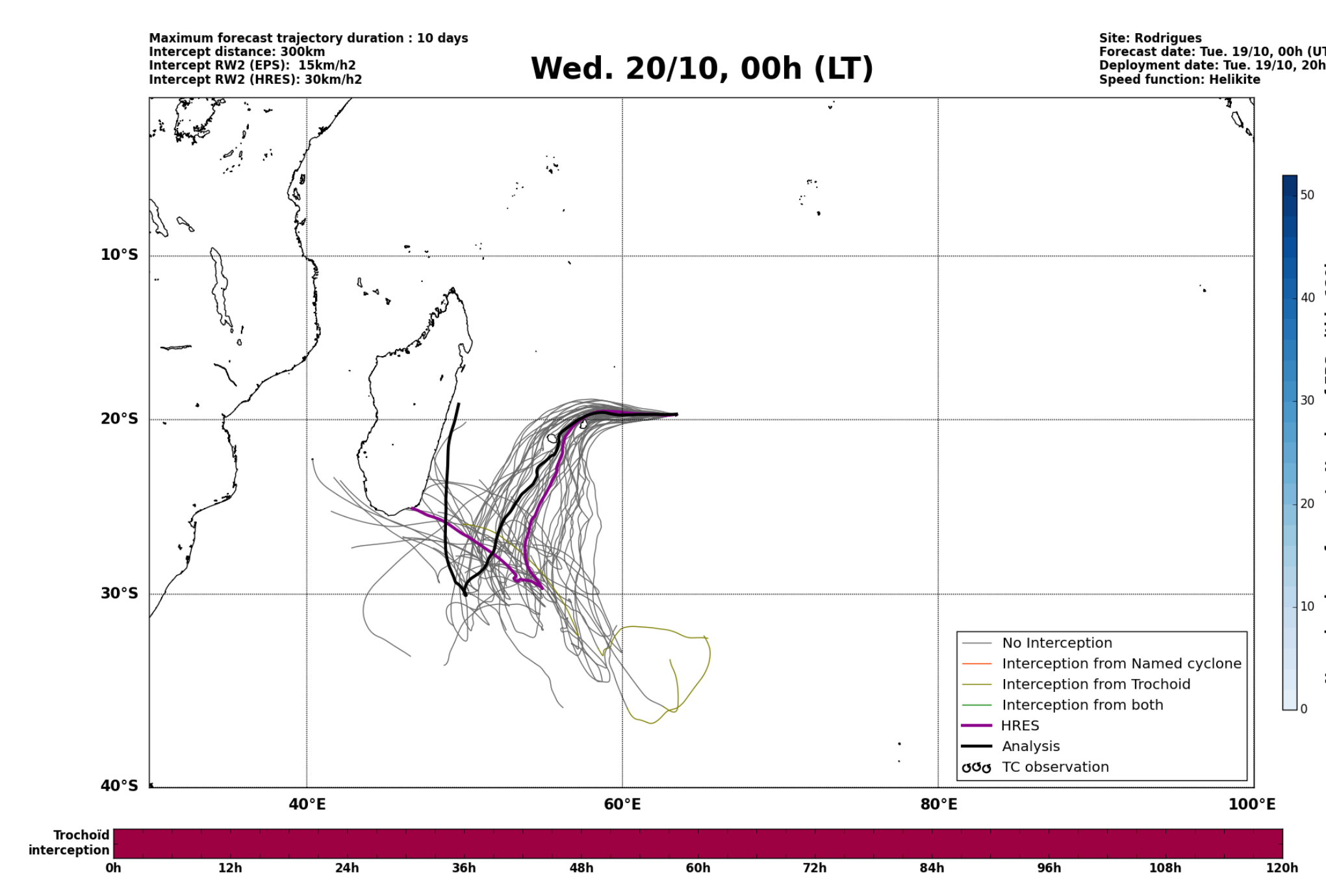
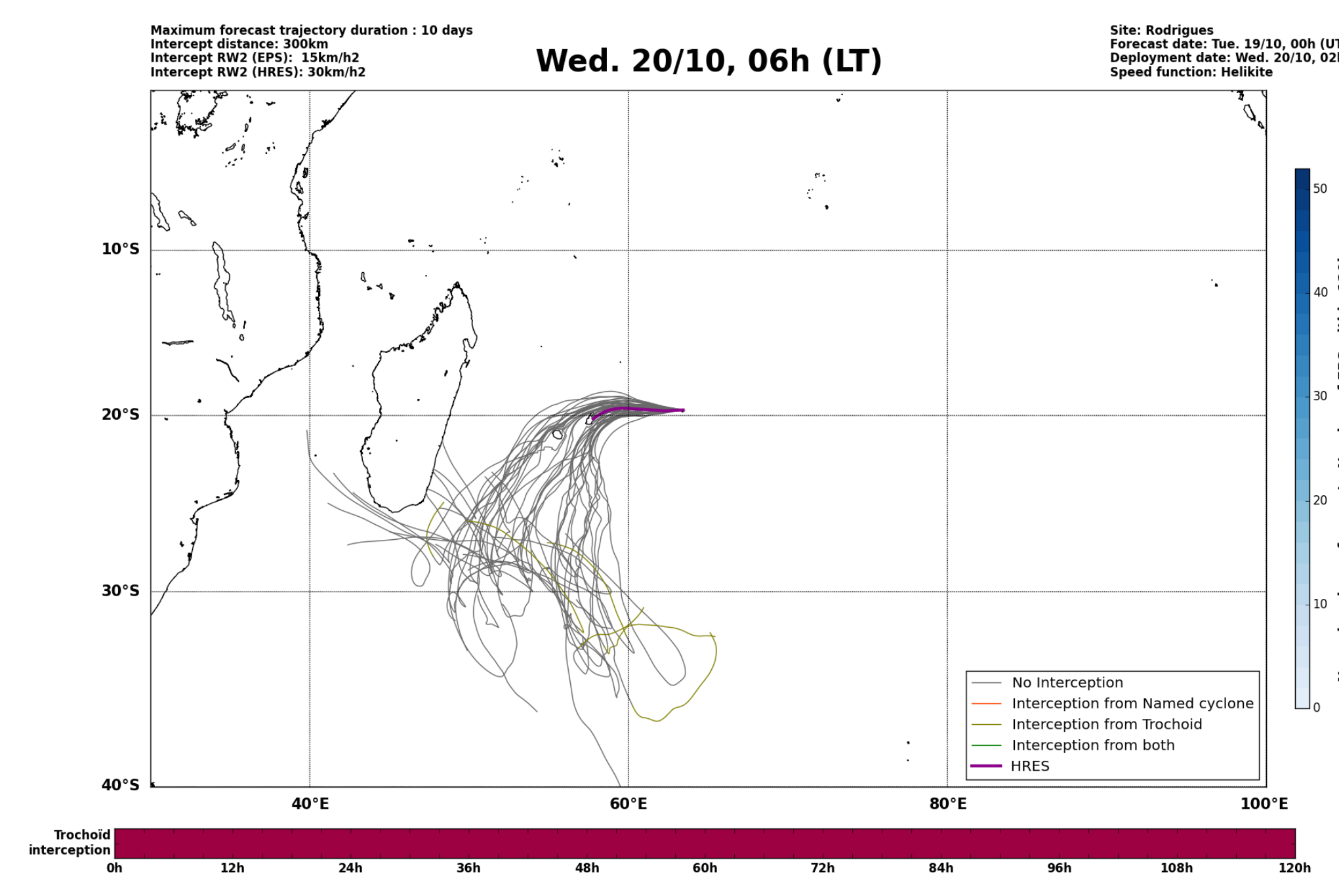
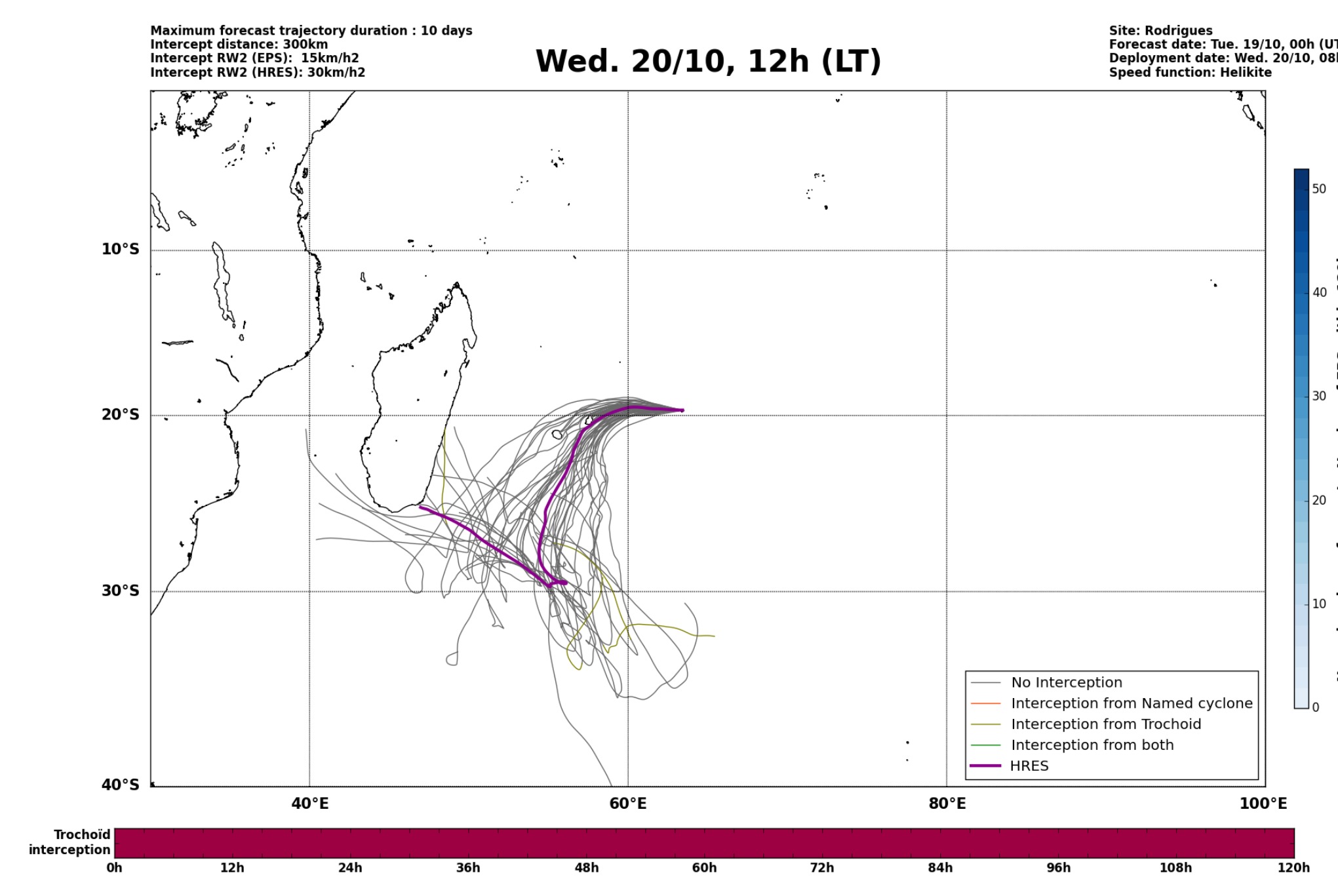
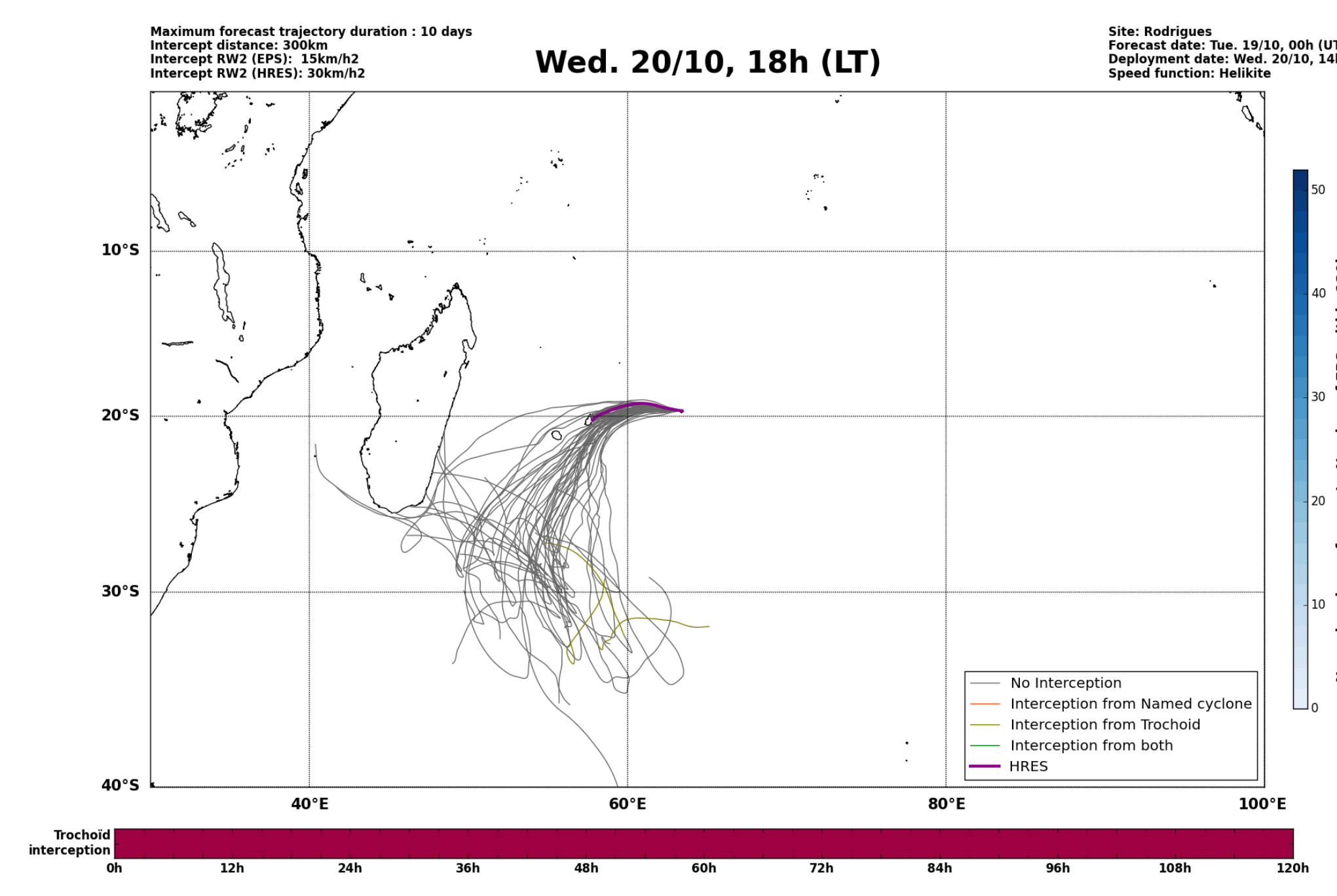

Analysis
Deterministic forecast (HRES)
Data not available
Forecast date: Tue. 19/10, 00h (UTC)
Site: Rodrigues
Speed function: Helikite
Method: Named cyclones (300km)
Deployment date (LT)
Tue. 19/10, 18h
Wed. 20/10, 00h
06h
12h
18h
Thu. 21/10, 00h
06h
12h
18h
Fri. 22/10, 00h
06h
12h
18h
Sat. 23/10, 00h
06h
12h
18h
Sun. 24/10, 00h
06h
0 12 24 36 48 60 72 84 96 108 120
Intercept Time (h)
0 24 48 72 96 120 144 168 192 216 240
Measurement time (h)
Number of members
0 5 10 15 20 25 30 35 40 45 50
900 920 940 960 980 1000 1020
TC Central Pressure
at intercept time (hPa)
Minimum TC pressure
during measurement period (hPa)

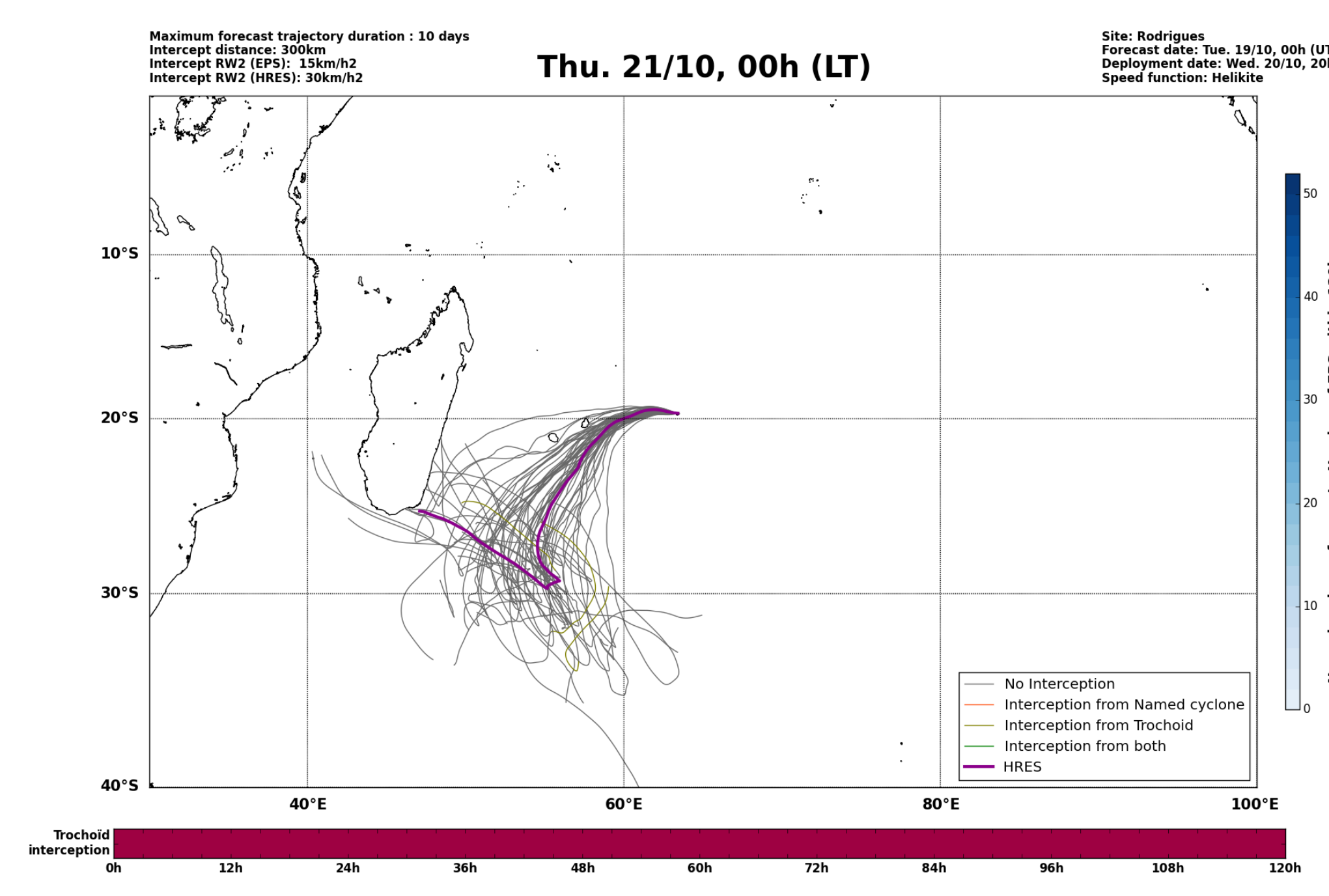

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Tue. 19/10, 18h (LT)
Site: Rodrigues
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Tue. 19/10, 14h (UTC)
Speed function: Helikite
10°S
20°S
30°S
40°S
40°E
60°E
80°E
100°E
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Analysis
TC observation
Named cyclones forecast - Number of EPS within 120km
0 10 20 30 40 50
Trochoïd interception
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

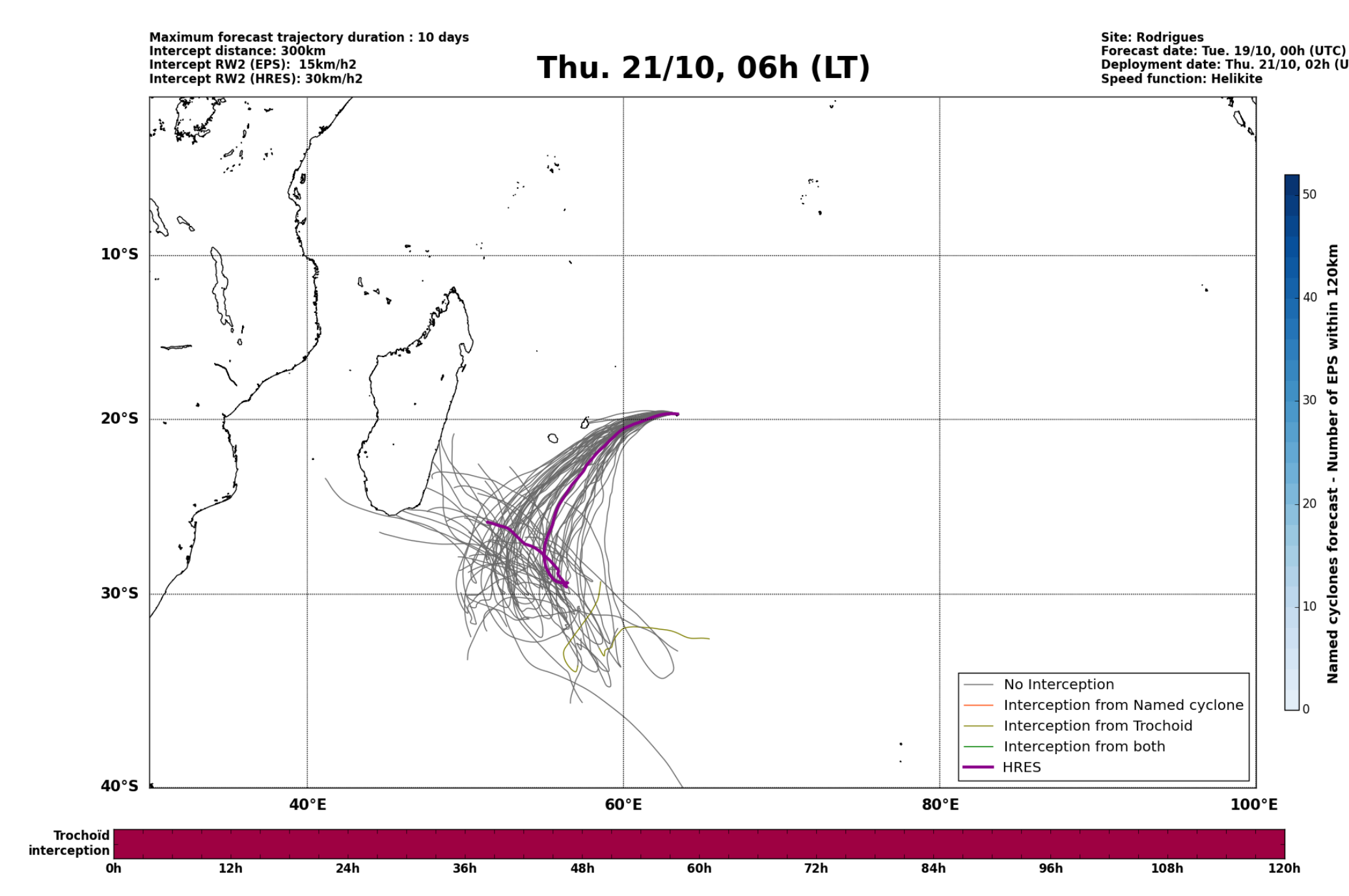

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Wed. 20/10, 00h (LT)
Site: Rodrigues
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Tue. 19/10, 20h (UTC)
Speed function: Helikite
10°S
20°S
30°S
40°S
40°E
60°E
80°E
100°E
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Analysis
TC observation
Named cyclones forecast - Number of EPS within 120km
Trochoïd interception
0h 12h 24h 36h 48h 60h 72h 84h 96h 108h 120h

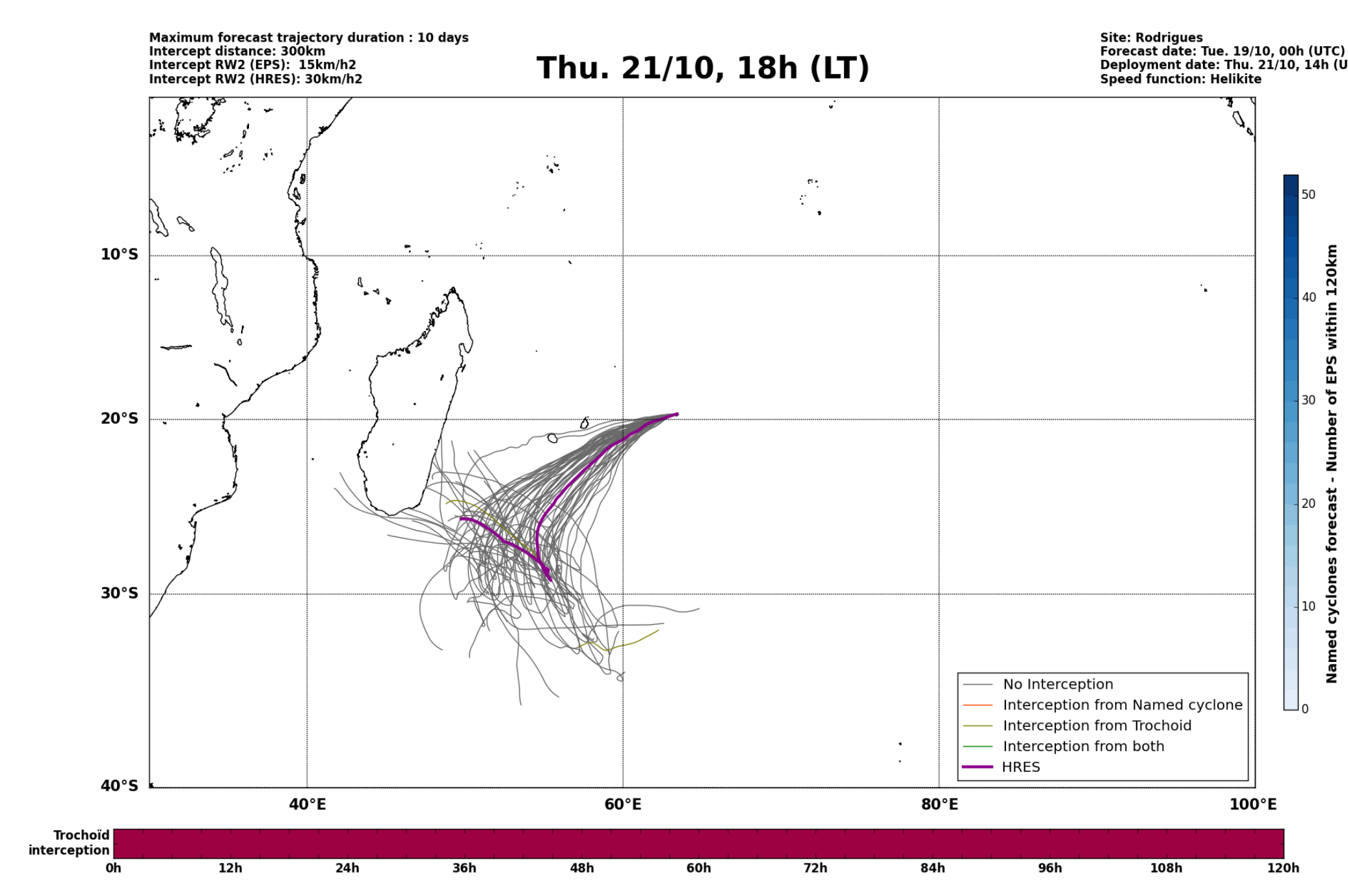

Maximum forecast trajectory duration : 10 days
Intercept distance: 300km
Intercept RW2 (EPS): 15km/h2
Intercept RW2 (HRES): 30km/h2
Wed. 20/10, 06h (LT)
Site: Rodrigues
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Wed. 20/10, 02h (UTC)
Speed function: Helikite
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Trochoïd interception

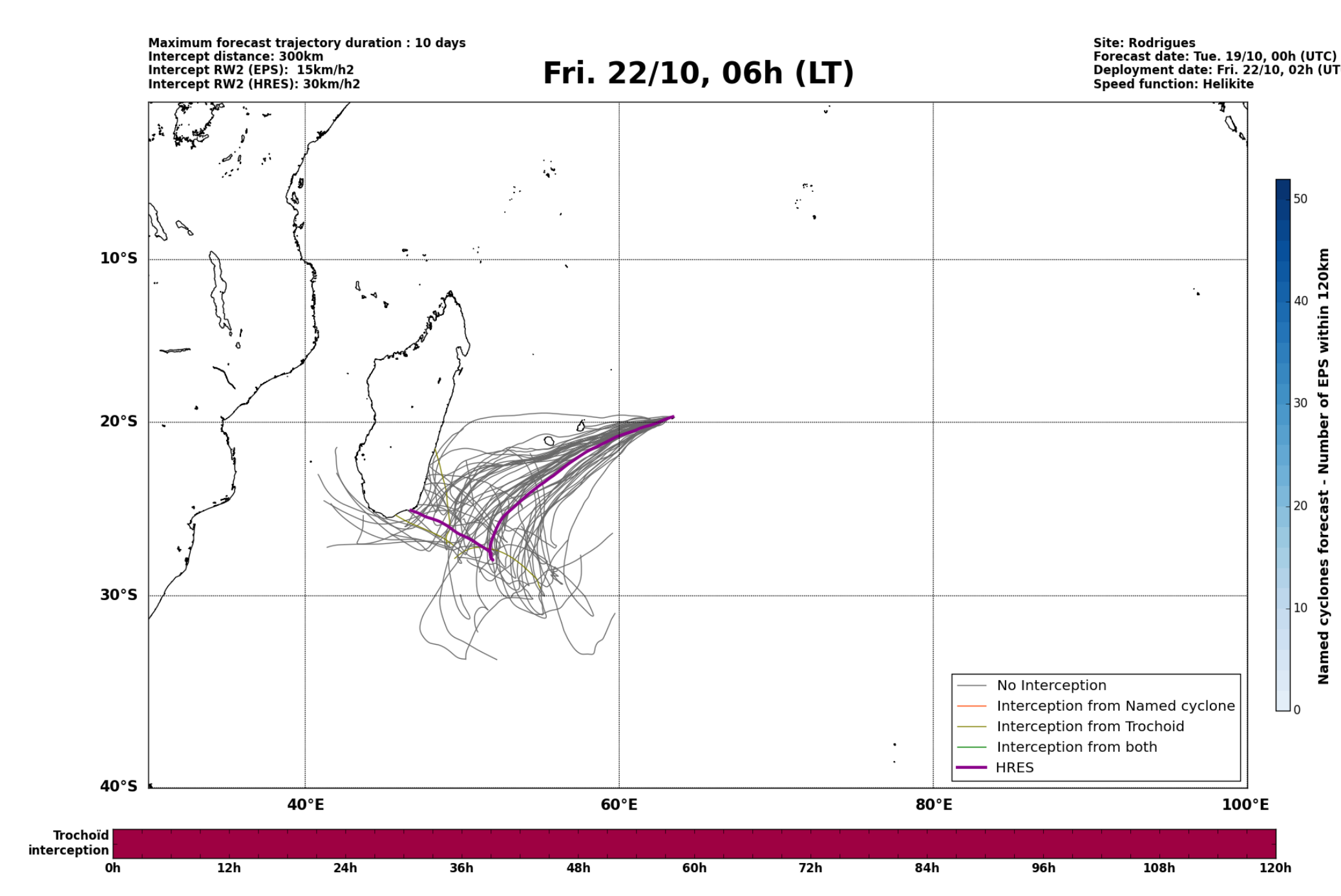

Wed. 20/10, 12h (LT)
Site: Rodrigues
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Wed. 20/10, 08h (UTC)
Speed function: Helikite
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Trochoïd interception

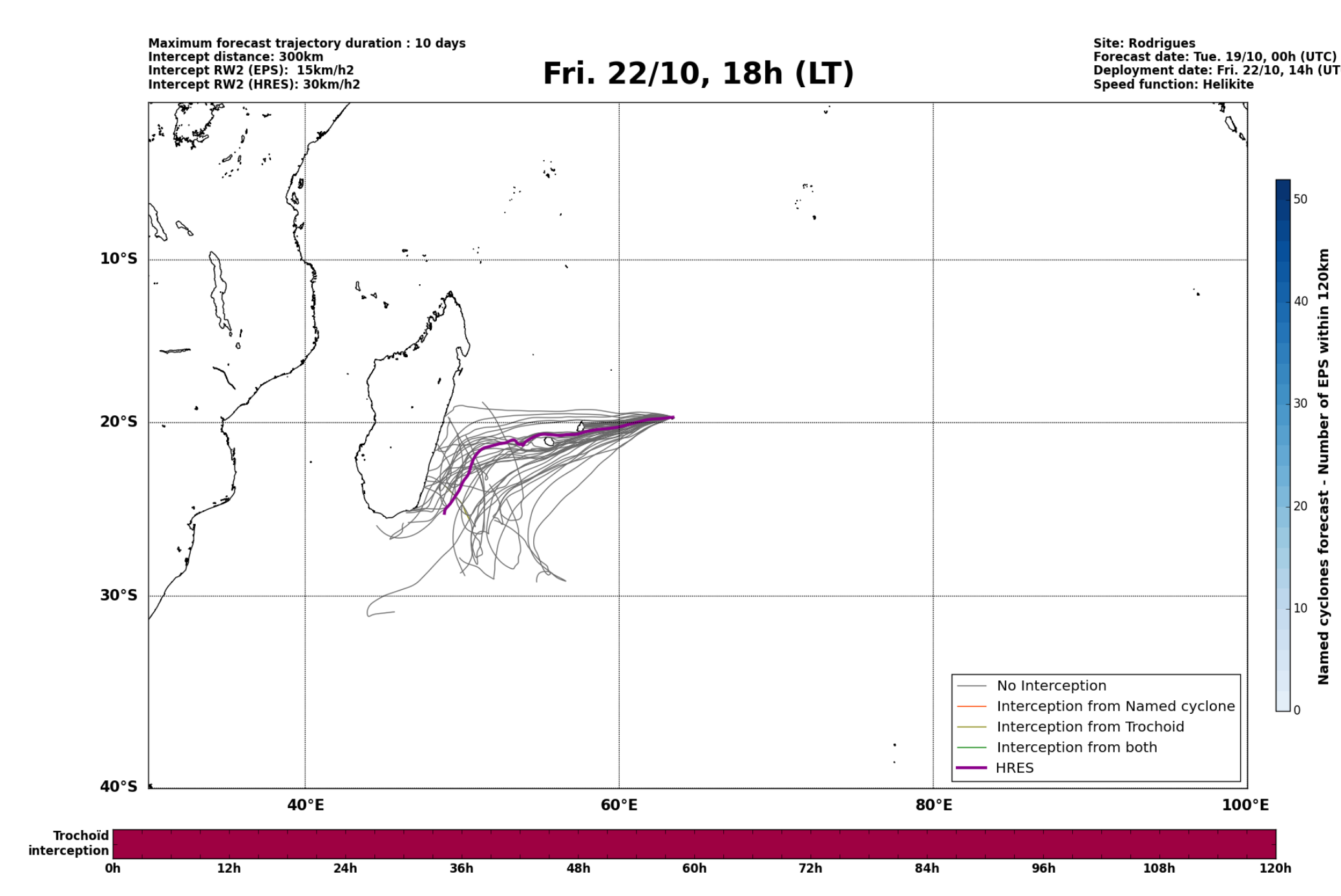

Wed. 20/10, 18h (LT)
Site: Rodrigues
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Wed. 20/10, 14h (UTC)
Speed function: Helikite
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Trochoïd interception

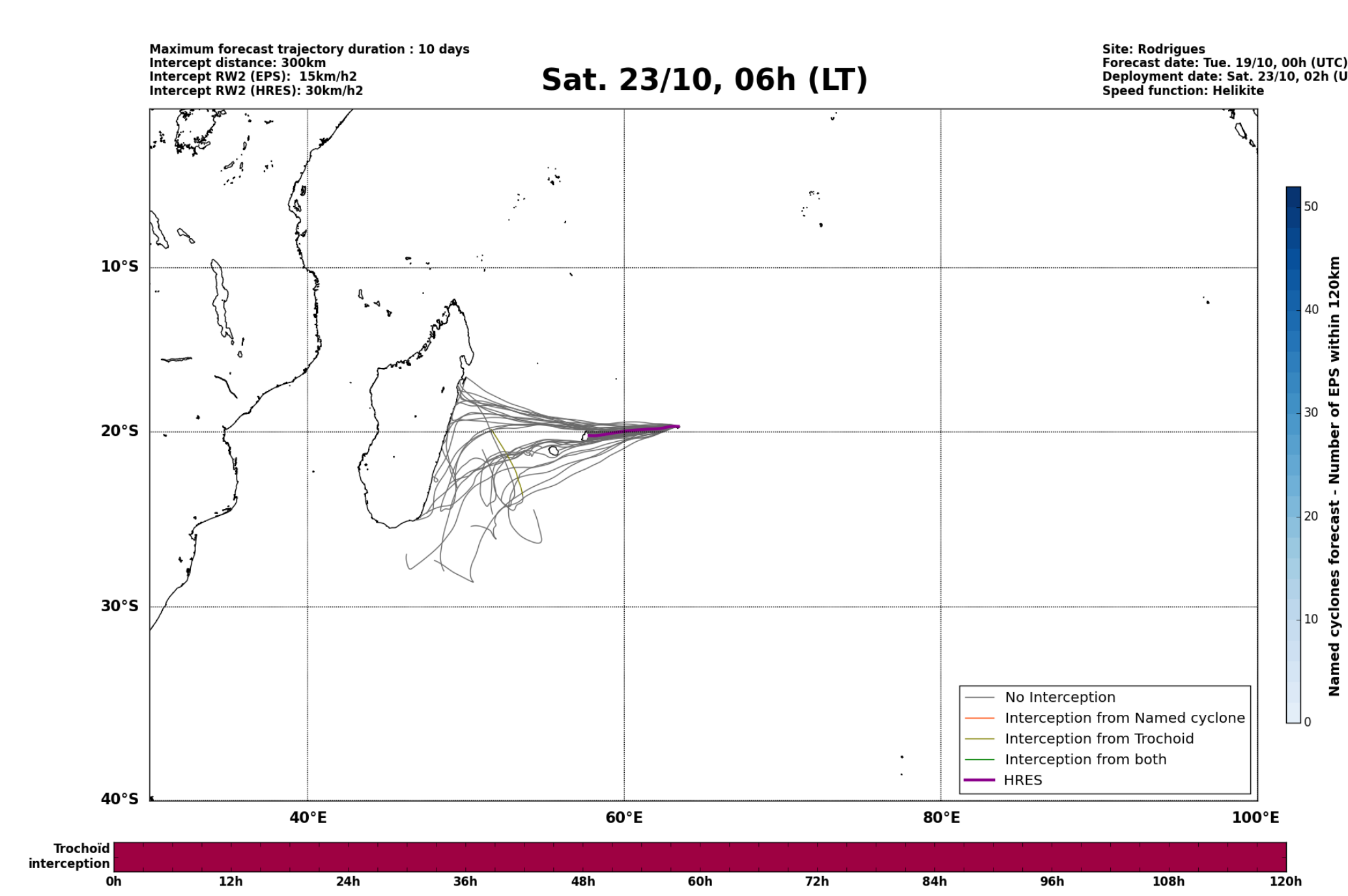

Thu. 21/10, 00h (LT)
Site: Rodrigues
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Wed. 20/10, 20h (UTC)
Speed function: Helikite
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Trochoïd interception

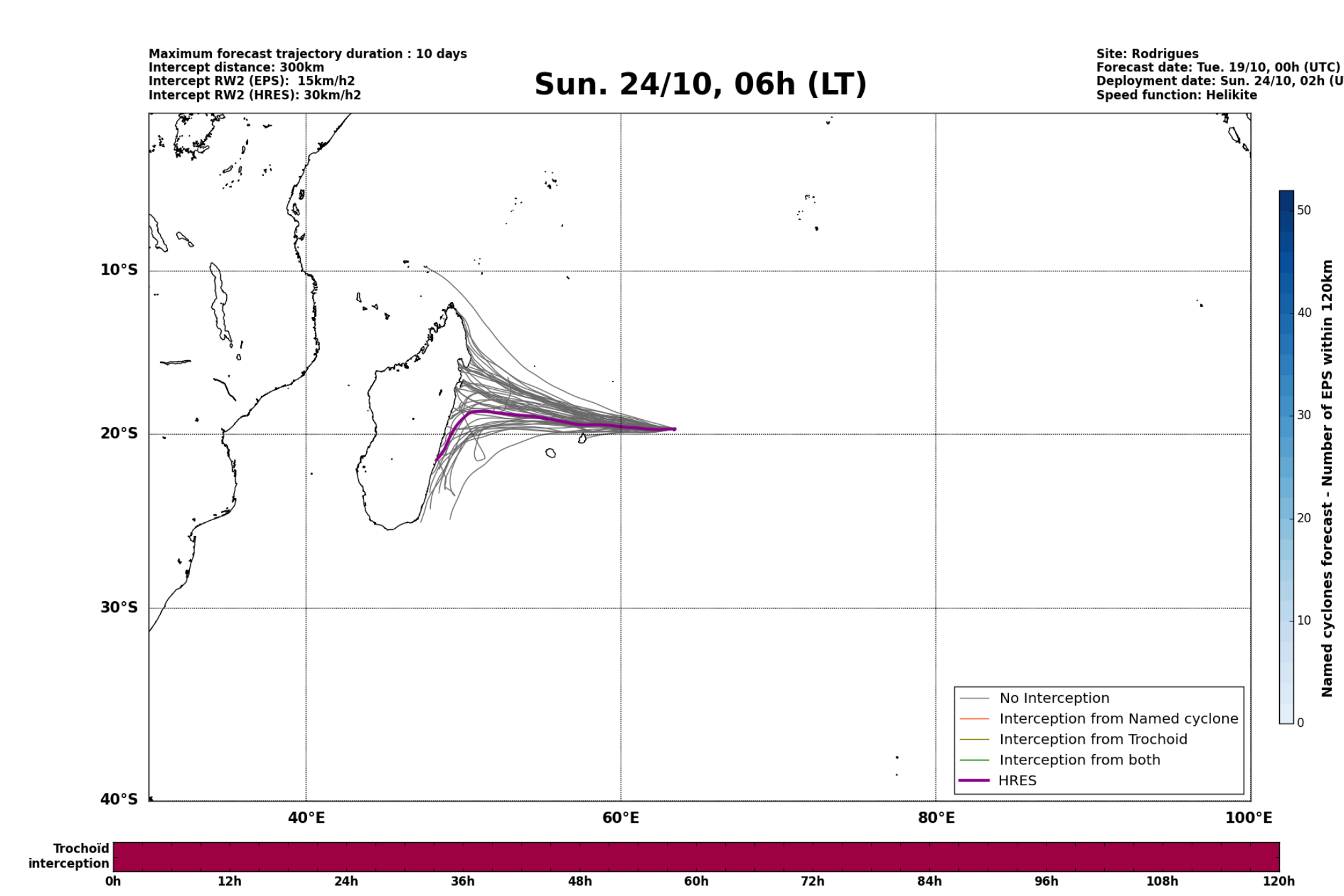

Thu. 21/10, 06h (LT)
Site: Rodrigues
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Thu. 21/10, 02h (UTC)
Speed function: Helikite
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Trochoïd interception

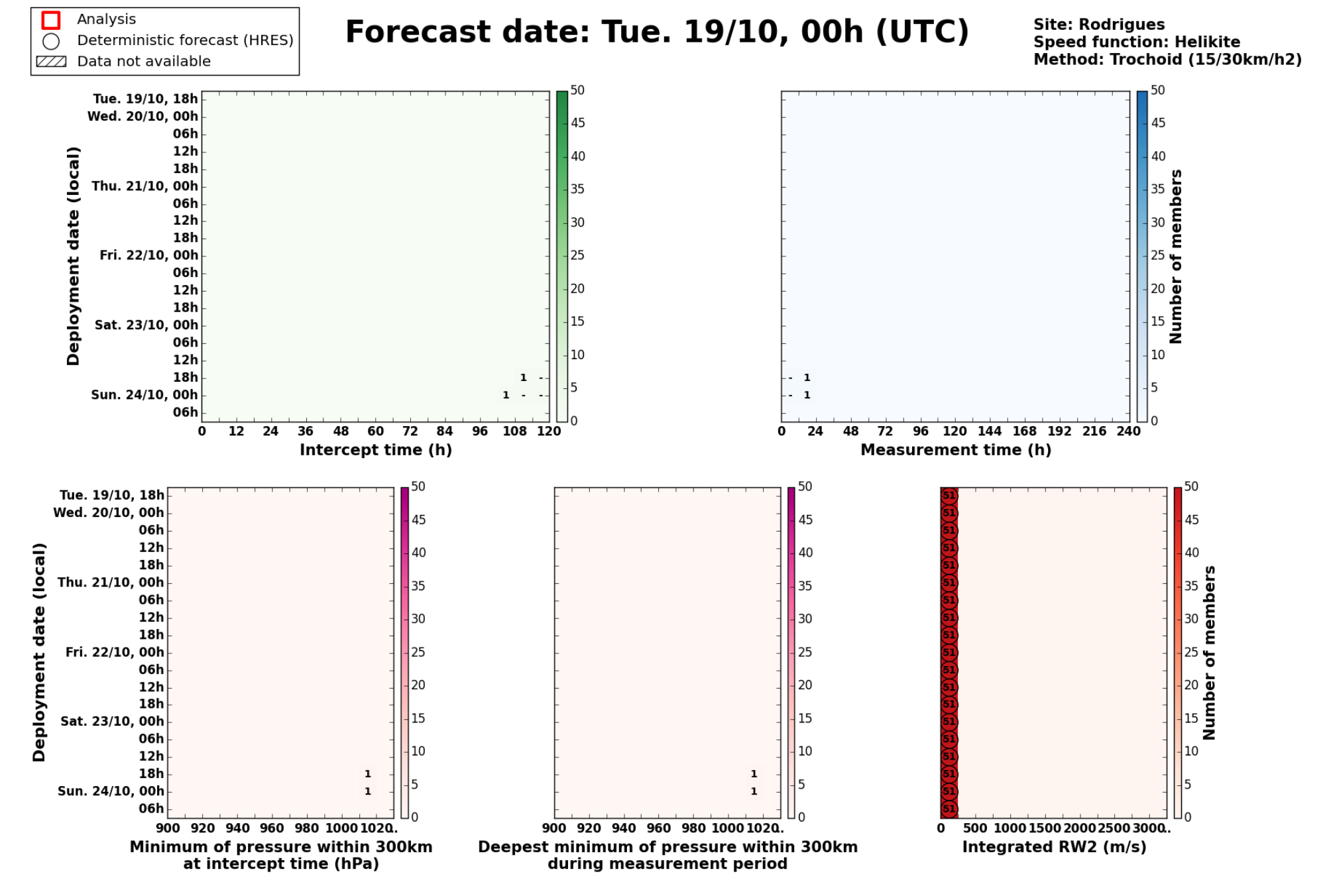

Thu. 21/10, 18h (LT)
Site: Rodrigues
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Thu. 21/10, 14h (UTC)
Speed function: Helikite
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Trochoïd interception

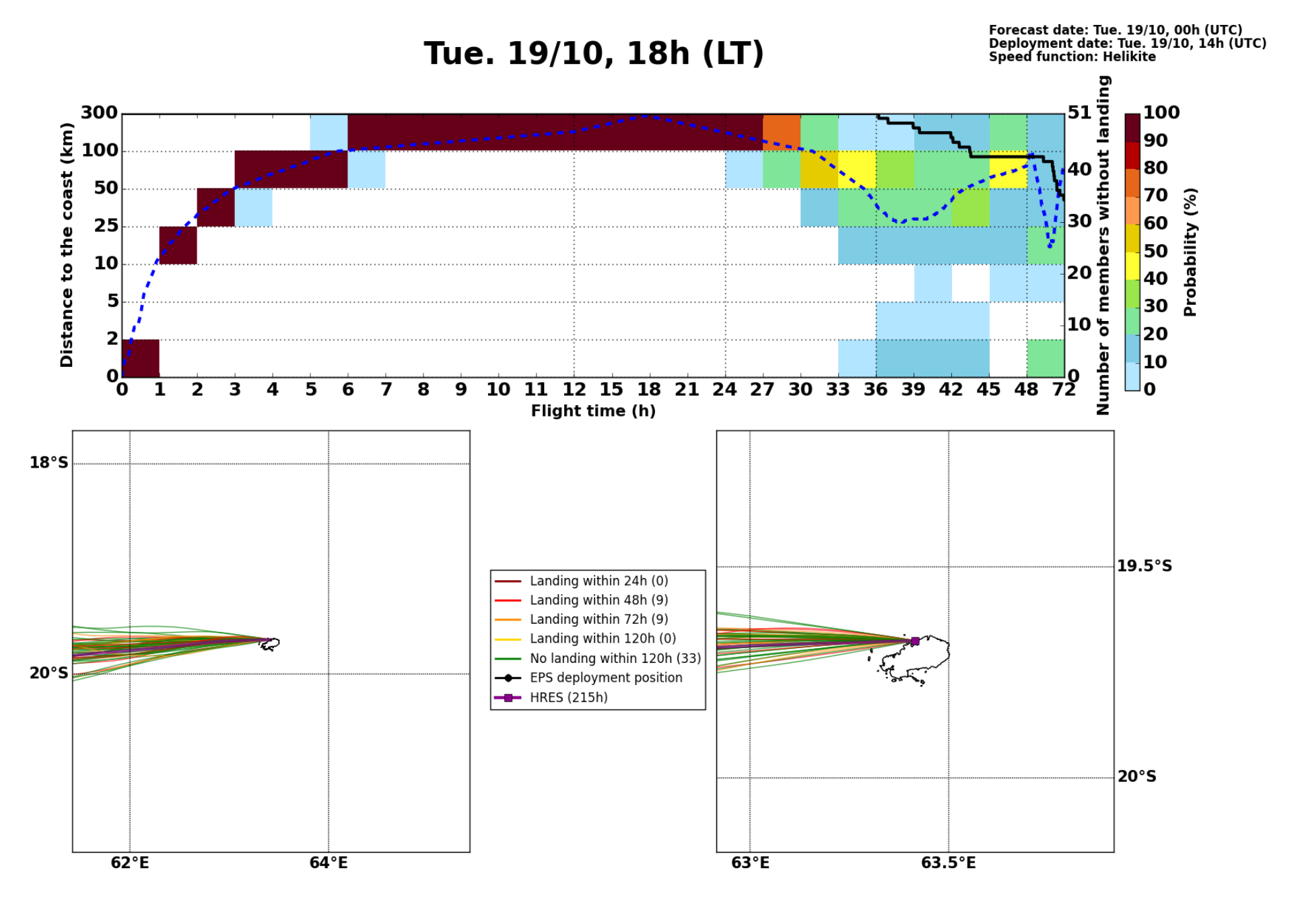

Fri. 22/10, 06h (LT)
Site: Rodrigues
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Fri. 22/10, 02h (UTC)
Speed function: Helikite
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Trochoïd interception

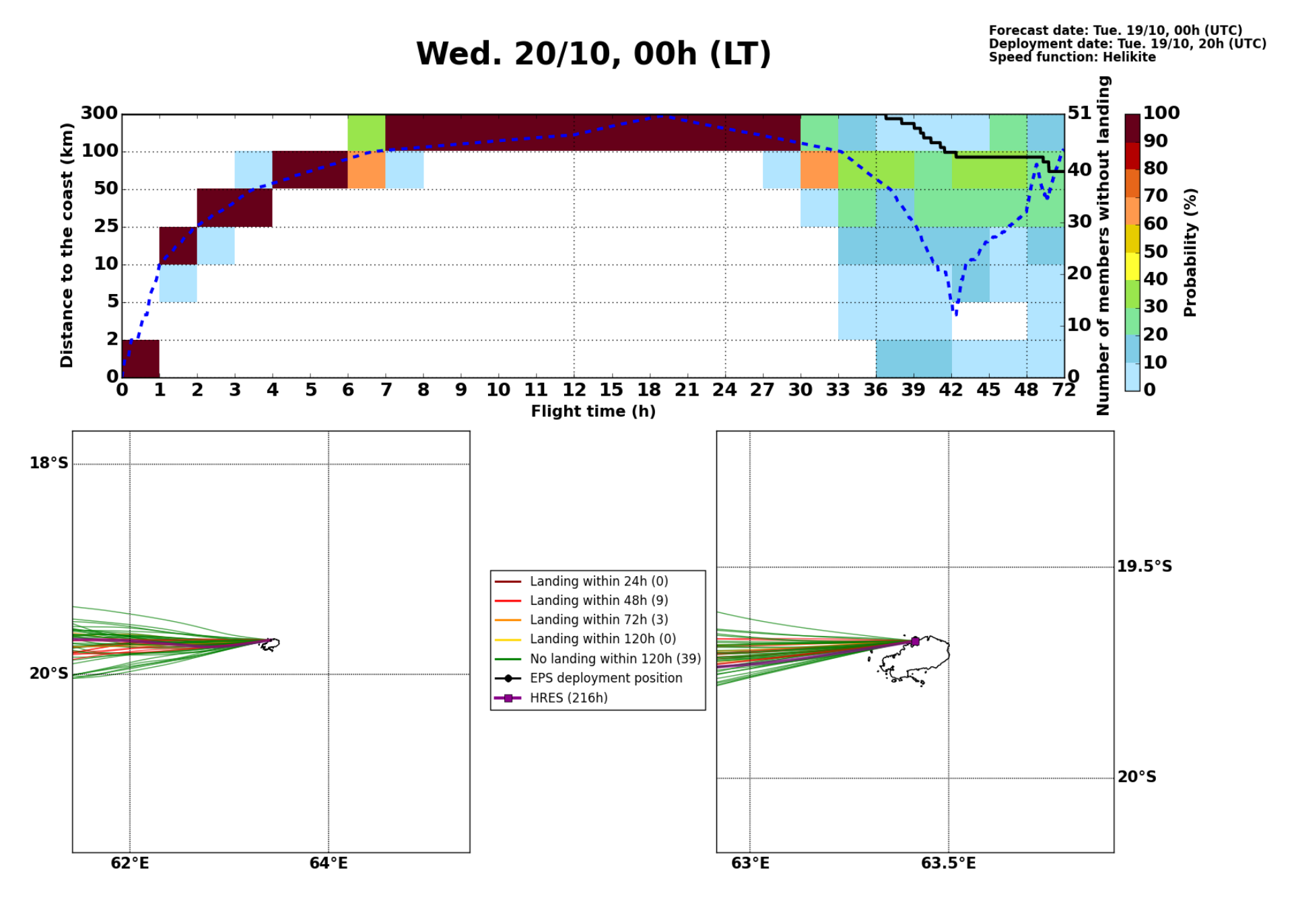

Fri. 22/10, 18h (LT)
Site: Rodrigues
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Fri. 22/10, 14h (UTC)
Speed function: Helikite
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Trochoïd interception

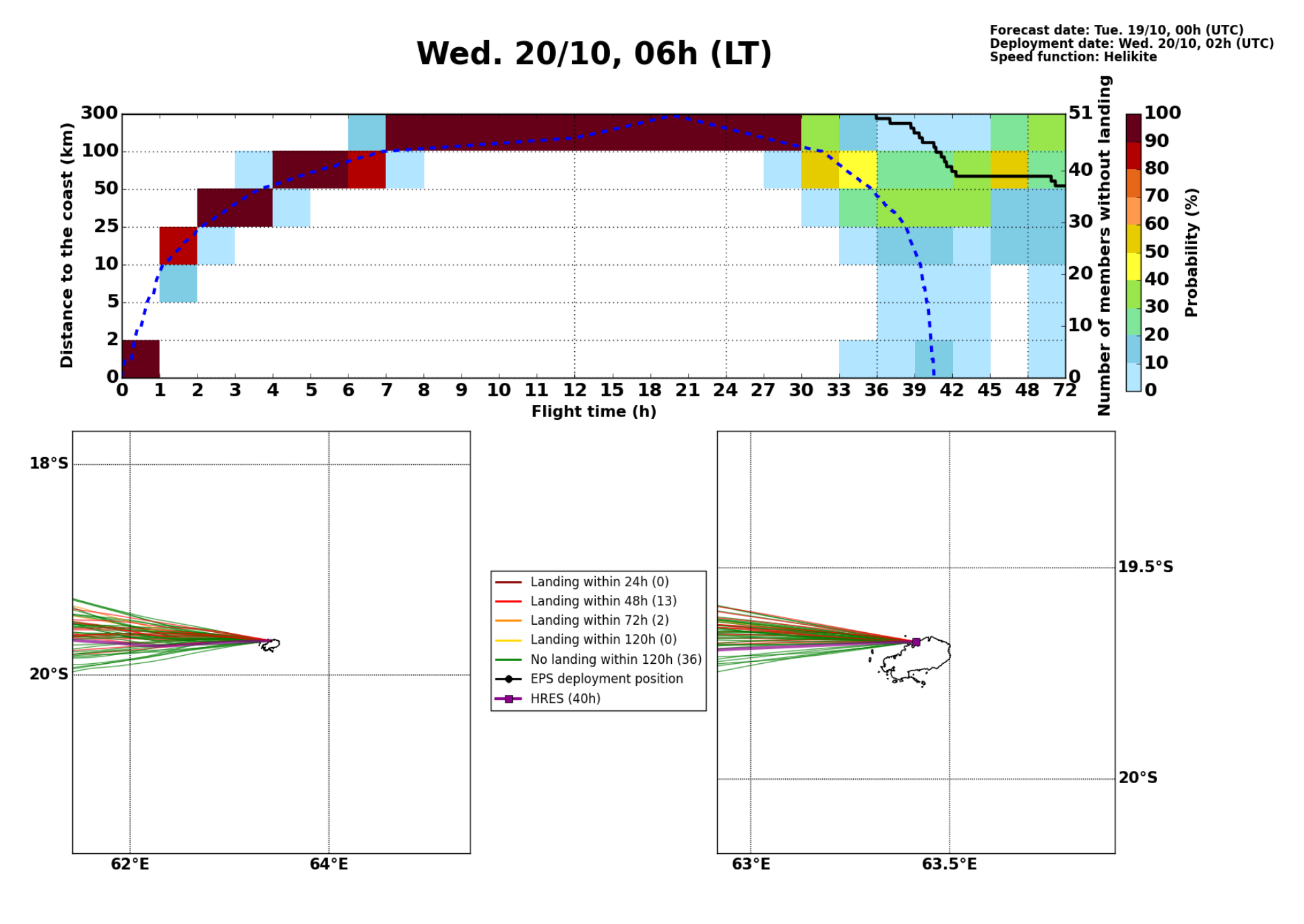

Sat. 23/10, 06h (LT)
Site: Rodrigues
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Sat. 23/10, 02h (UTC)
Speed function: Helikite
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Trochoïd interception

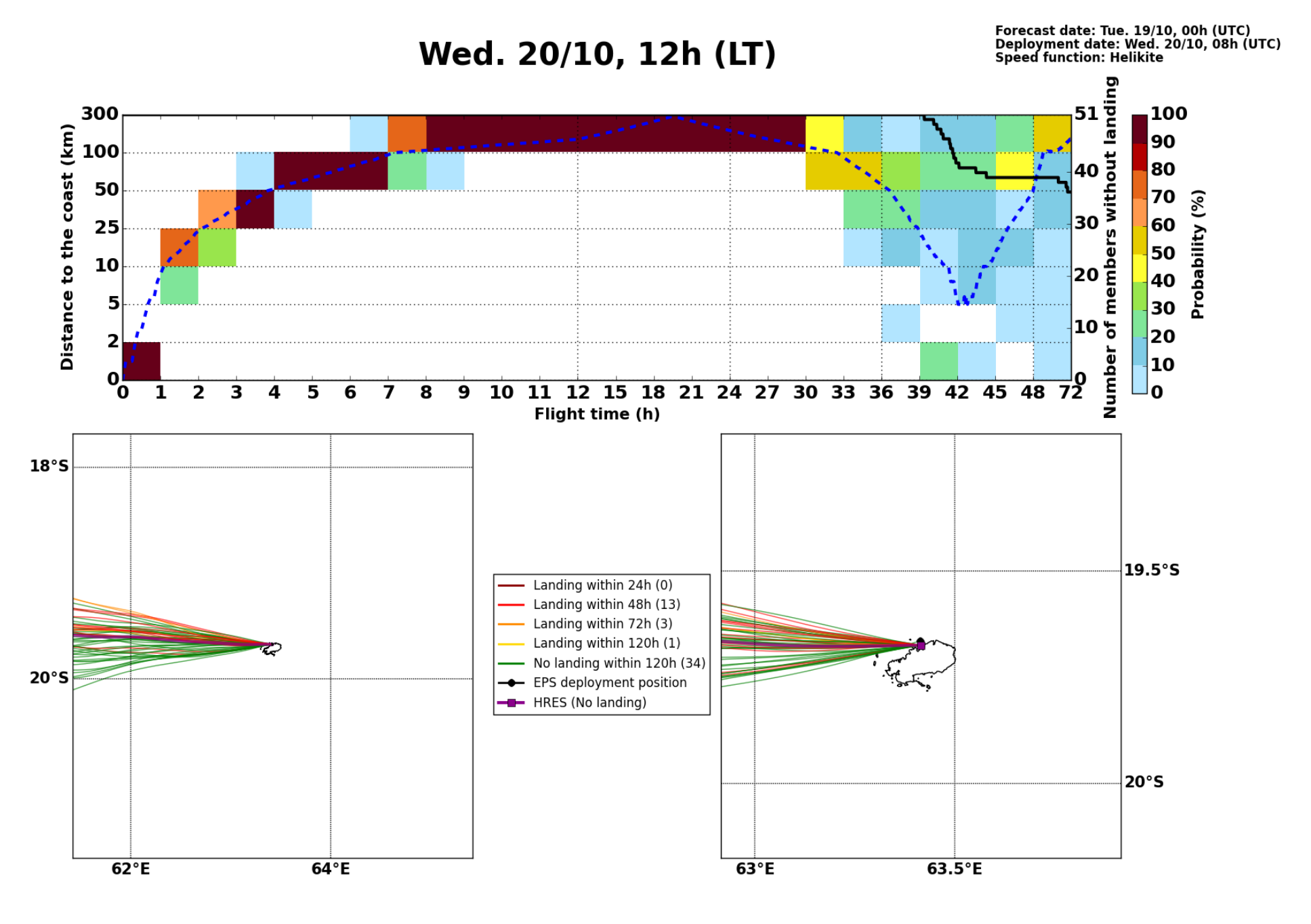

Sun. 24/10, 06h (LT)
Site: Rodrigues
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Sun. 24/10, 02h (UTC)
Speed function: Helikite
No Interception
Interception from Named cyclone
Interception from Trochoid
Interception from both
HRES
Trochoïd interception

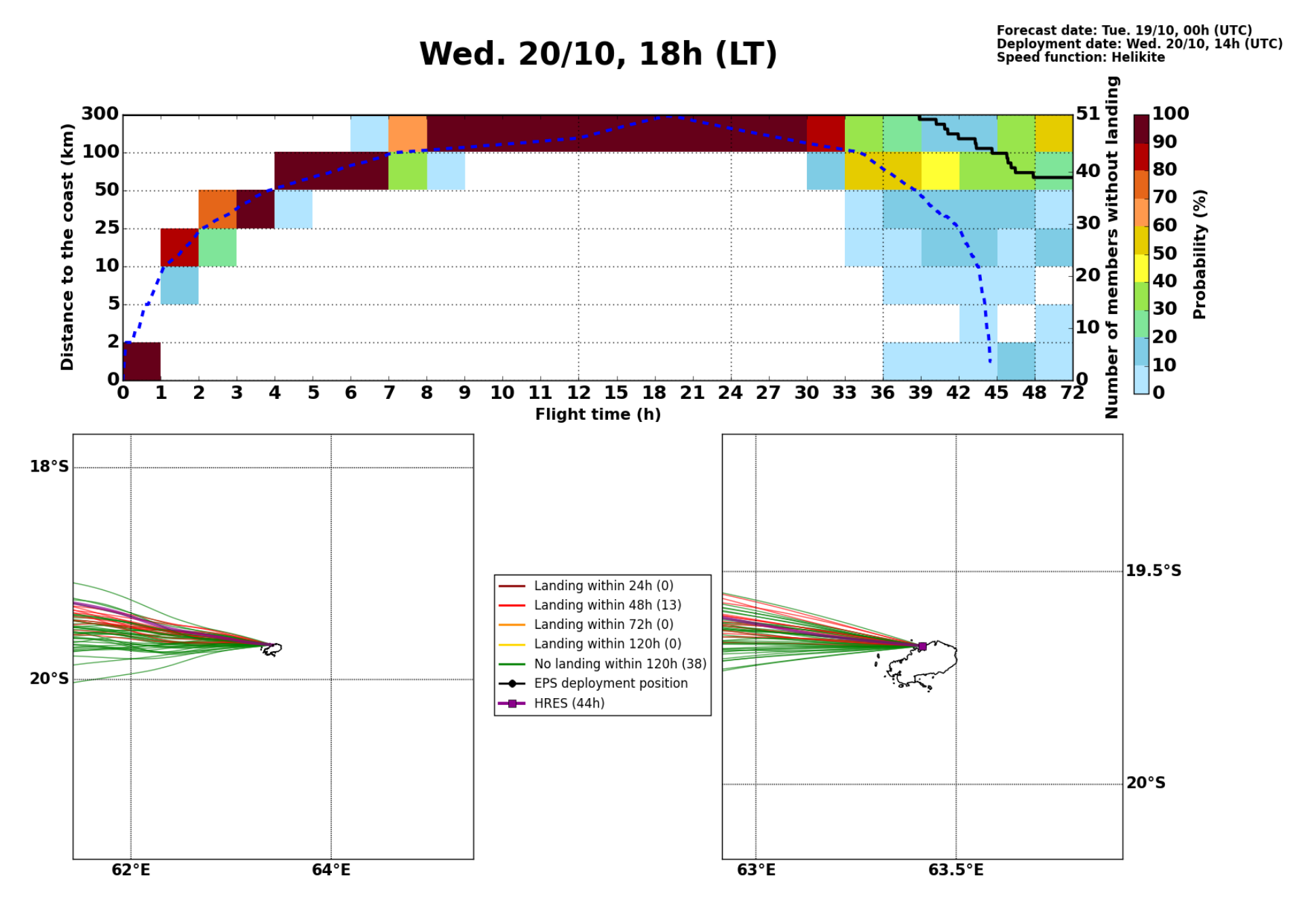

Analysis
Deterministic forecast (HRES)
Data not available
Forecast date: Tue. 19/10, 00h (UTC)
Site: Rodrigues
Speed function: Helikite
Method: Trochoid (15/30km/h2)
Deployment date (local)
Tue. 19/10, 18h
Wed. 20/10, 00h
06h
12h
18h
Thu. 21/10, 00h
06h
12h
18h
Fri. 22/10, 00h
06h
12h
18h
Sat. 23/10, 00h
06h
12h
18h
Sun. 24/10, 00h
06h
0 12 24 36 48 60 72 84 96 108 120
Intercept time (h)
0 24 48 72 96 120 144 168 192 216 240
Measurement time (h)
Number of members
0 5 10 15 20 25 30 35 40 45 50
1
900 920 940 960 980 1000 1020
Minimum of pressure within 300km
at intercept time (hPa)
Deepest minimum of pressure within 300km
during measurement period
51
0 500 1000 1500 2000 2500 3000
Integrated RW2 (m/s)

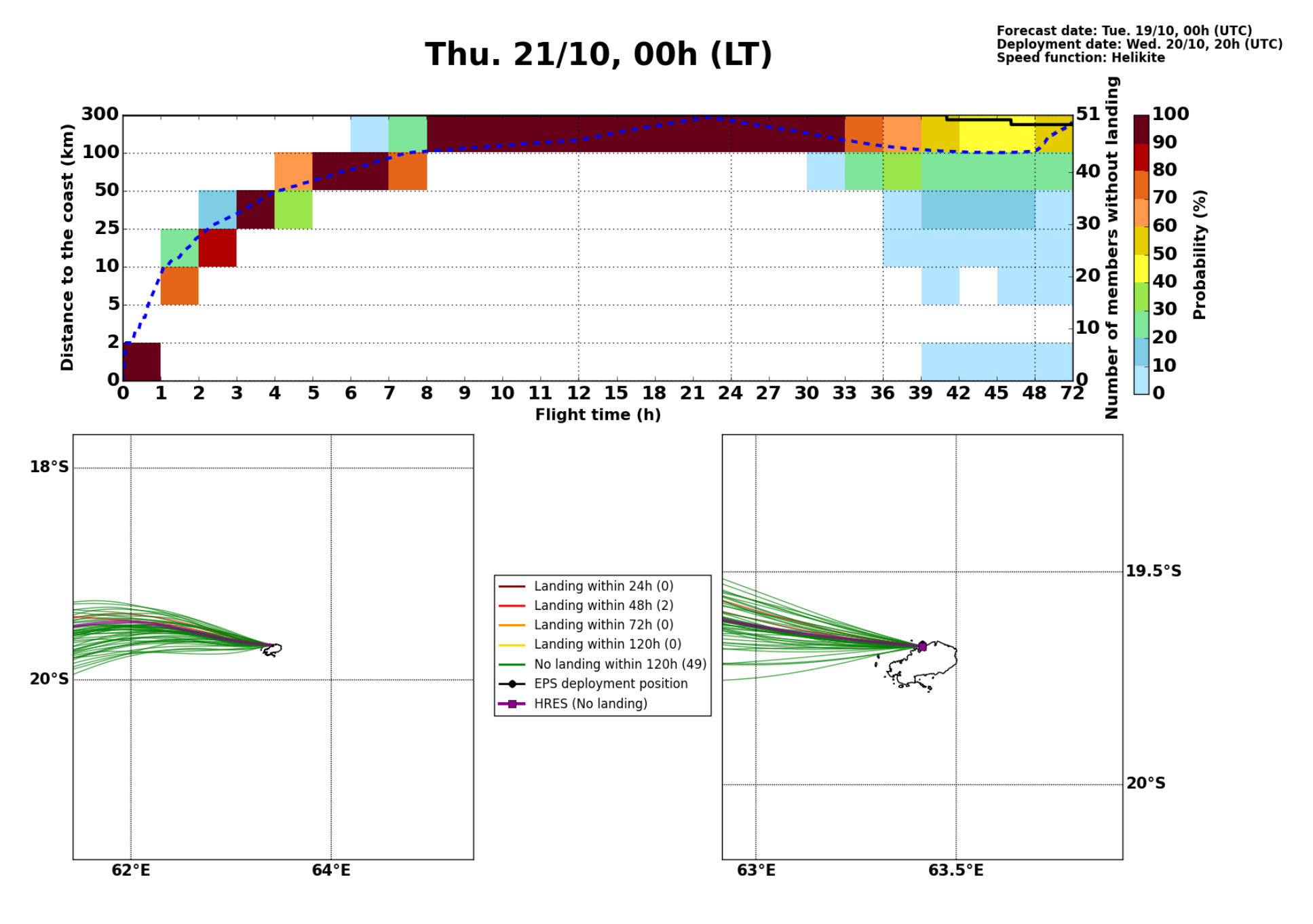

Tue. 19/10, 18h (LT)
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Tue. 19/10, 14h (UTC)
Speed function: Helikite
Distance to the coast (km)
0 2 5 10 25 50 100 300
0 1 2 3 4 5 6 7 8 9 10 11 12 15 18 21 24 27 30 33 36 39 42 45 48 72
Flight time (h)
Number of members without landing
0 10 20 30 40 51
Probability (%)
0 10 20 30 40 50 60 70 80 90 100
18°S
20°S
62°E
64°E
19.5°S
20°S
63°E
63.5°E
Landing within 24h (0)
Landing within 48h (9)
Landing within 72h (9)
Landing within 120h (0)
No landing within 120h (33)
EPS deployment position
HRES (215h)

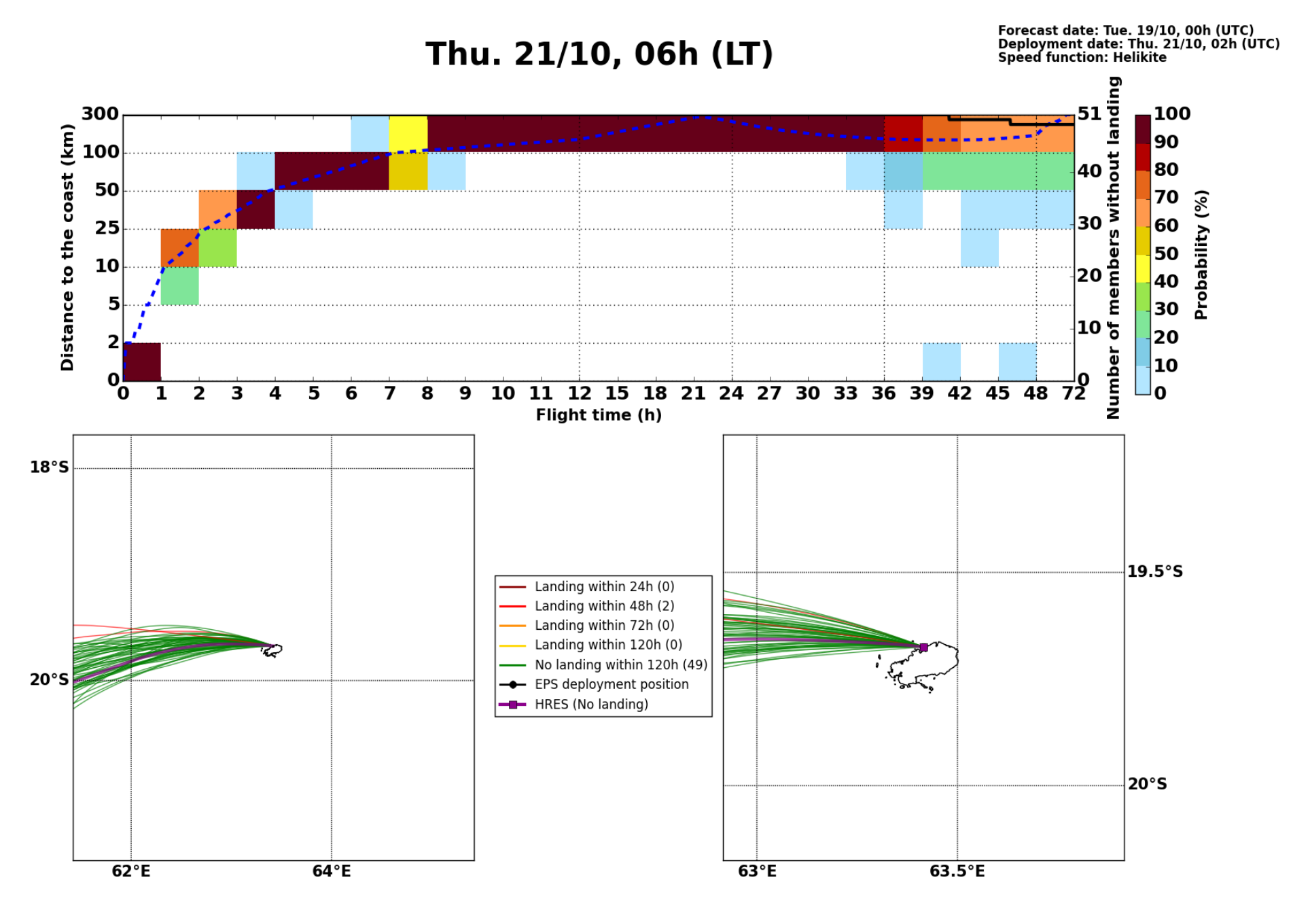

Wed. 20/10, 00h (LT)
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Tue. 19/10, 20h (UTC)
Speed function: Helikite
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (0)
Landing within 48h (9)
Landing within 72h (3)
Landing within 120h (0)
No landing within 120h (39)
EPS deployment position
HRES (216h)

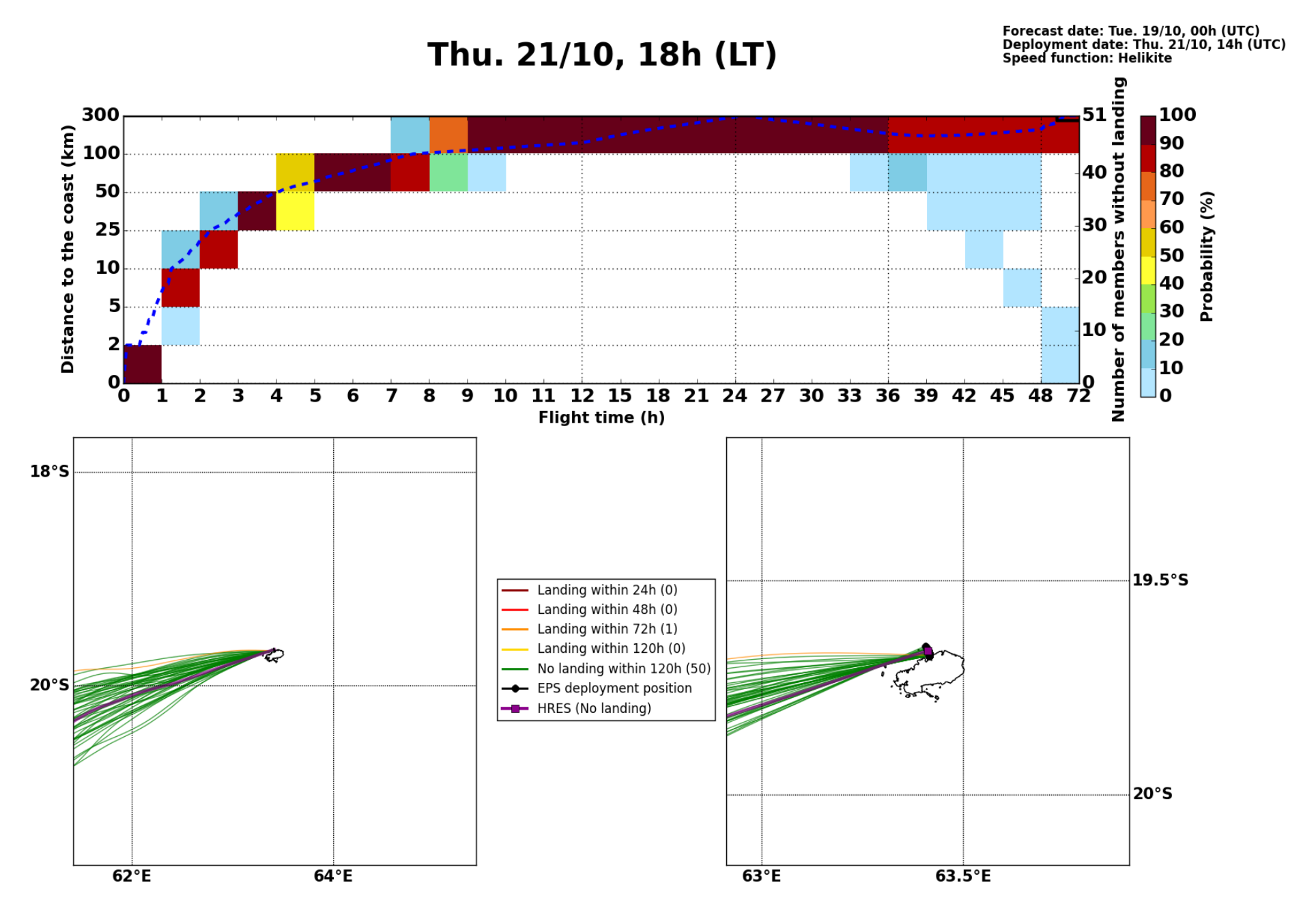

Wed. 20/10, 06h (LT)
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Wed. 20/10, 02h (UTC)
Speed function: Helikite
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (0)
Landing within 48h (13)
Landing within 72h (2)
Landing within 120h (0)
No landing within 120h (36)
EPS deployment position
HRES (40h)

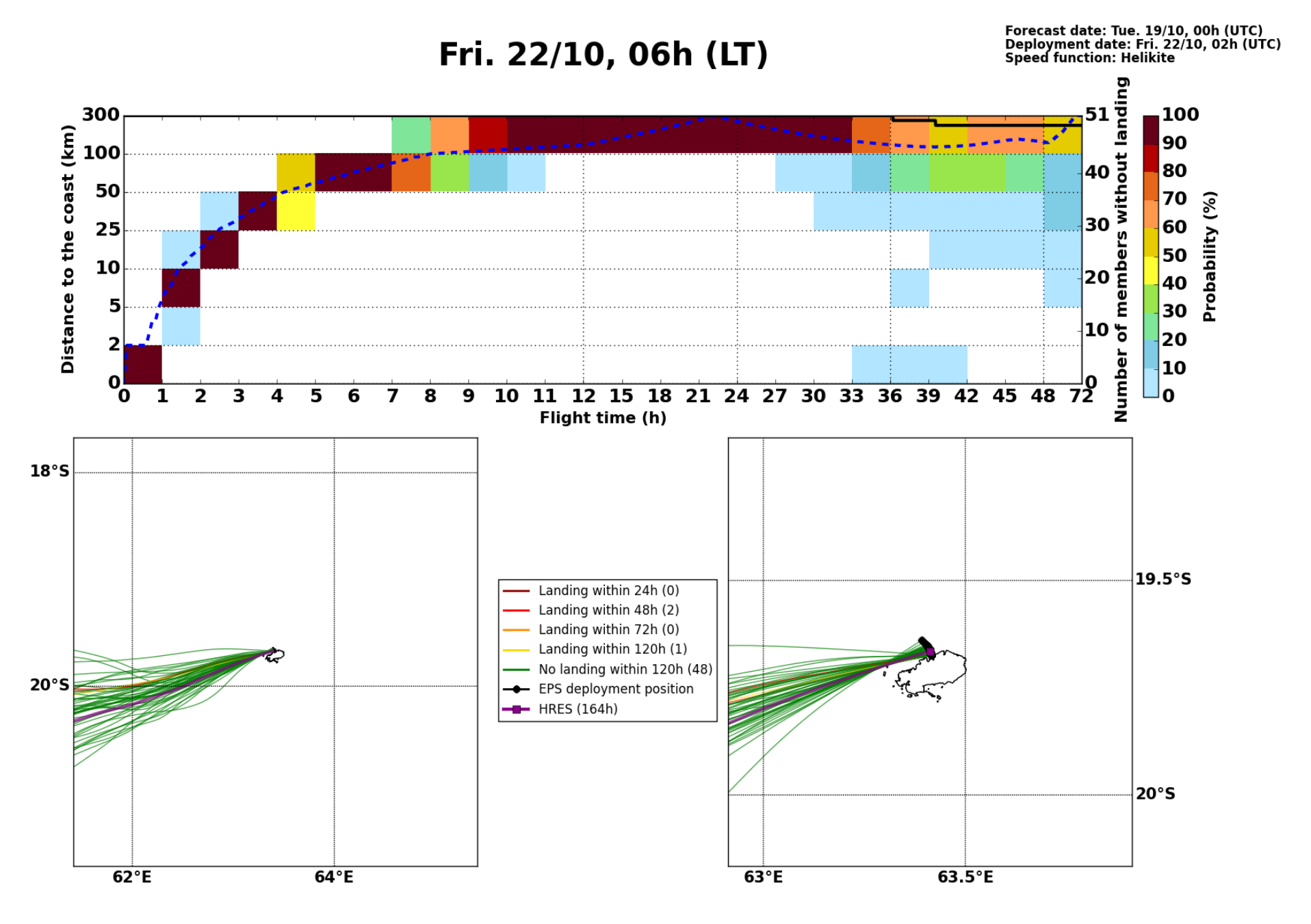

Wed. 20/10, 12h (LT)
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Wed. 20/10, 08h (UTC)
Speed function: Helikite
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (0)
Landing within 48h (13)
Landing within 72h (3)
Landing within 120h (1)
No landing within 120h (34)
EPS deployment position
HRES (No landing)

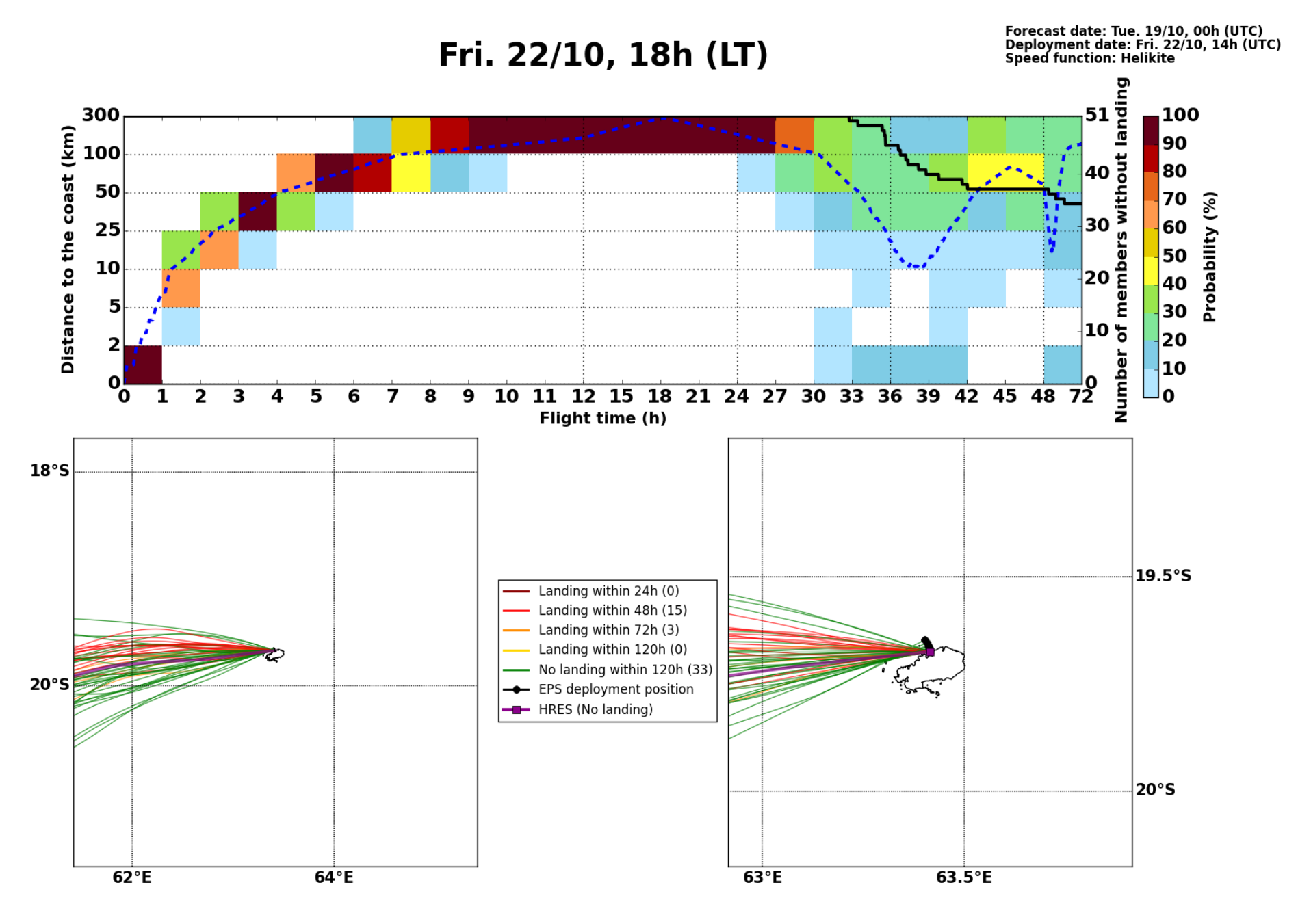

Wed. 20/10, 18h (LT)
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Wed. 20/10, 14h (UTC)
Speed function: Helikite
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (0)
Landing within 48h (13)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (38)
EPS deployment position
HRES (44h)

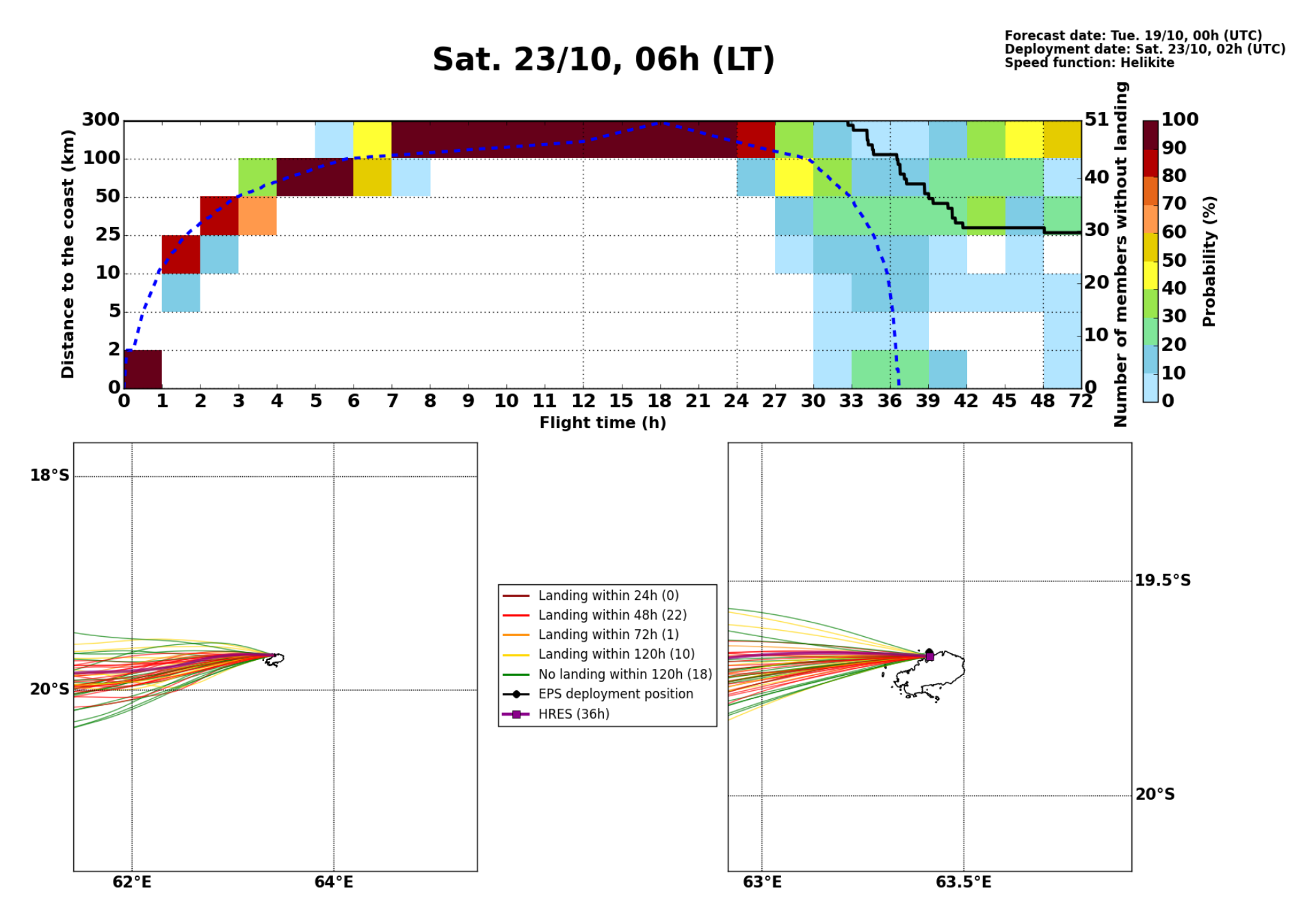

Thu. 21/10, 00h (LT)
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Wed. 20/10, 20h (UTC)
Speed function: Helikite
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (0)
Landing within 48h (2)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (49)
EPS deployment position
HRES (No landing)

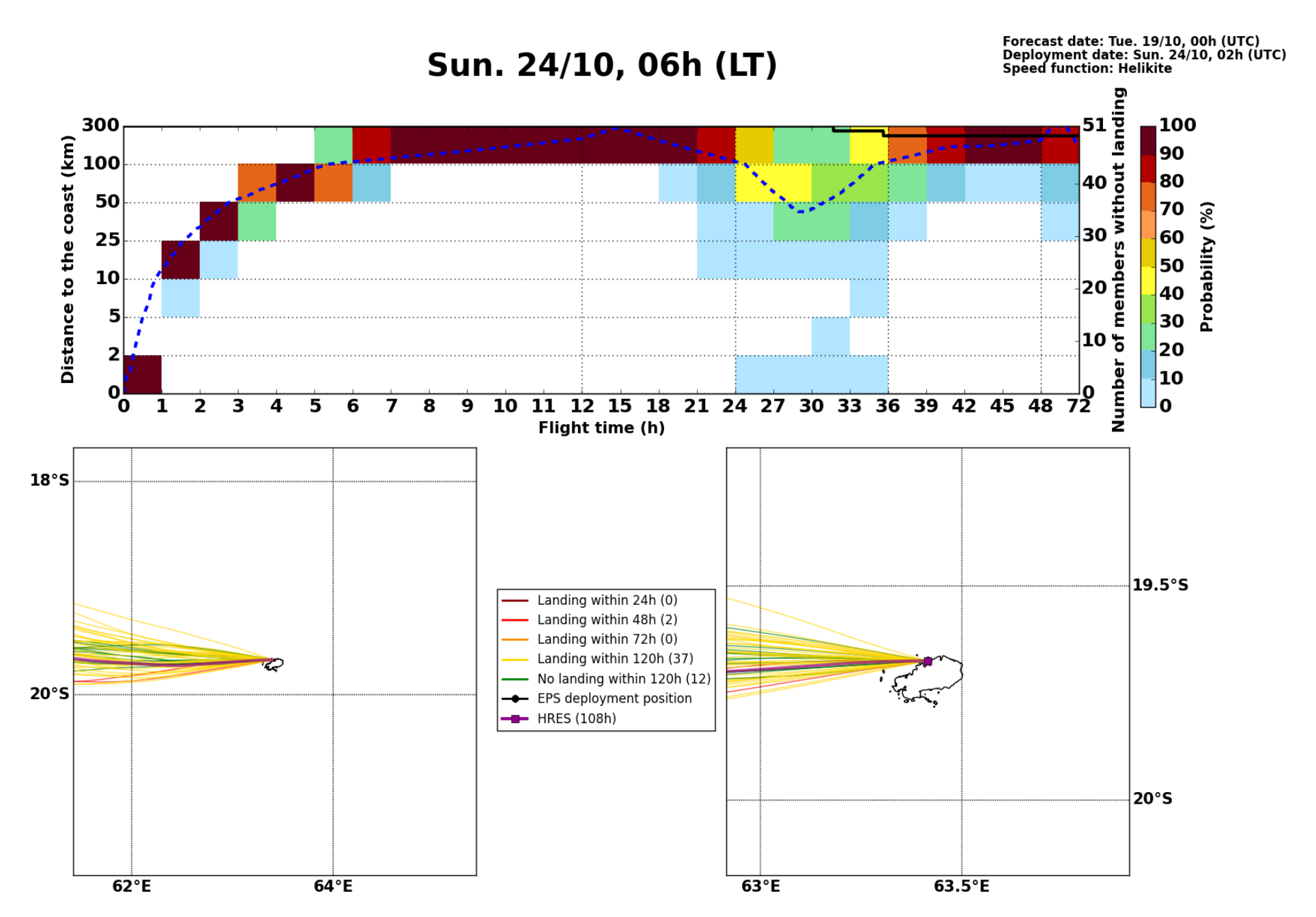

Thu. 21/10, 06h (LT)
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Thu. 21/10, 02h (UTC)
Speed function: Helikite
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (0)
Landing within 48h (2)
Landing within 72h (0)
Landing within 120h (0)
No landing within 120h (49)
EPS deployment position
HRES (No landing)


Thu. 21/10, 18h (LT)
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Thu. 21/10, 14h (UTC)
Speed function: Helikite
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (0)
Landing within 48h (0)
Landing within 72h (1)
Landing within 120h (0)
No landing within 120h (50)
EPS deployment position
HRES (No landing)


Fri. 22/10, 06h (LT)
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Fri. 22/10, 02h (UTC)
Speed function: Helikite
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (0)
Landing within 48h (2)
Landing within 72h (0)
Landing within 120h (1)
No landing within 120h (48)
EPS deployment position
HRES (164h)


Fri. 22/10, 18h (LT)
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Fri. 22/10, 14h (UTC)
Speed function: Helikite
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (0)
Landing within 48h (15)
Landing within 72h (3)
Landing within 120h (0)
No landing within 120h (33)
EPS deployment position
HRES (No landing)


Sat. 23/10, 06h (LT)
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Sat. 23/10, 02h (UTC)
Speed function: Helikite
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (0)
Landing within 48h (22)
Landing within 72h (1)
Landing within 120h (10)
No landing within 120h (18)
EPS deployment position
HRES (36h)


Sun. 24/10, 06h (LT)
Forecast date: Tue. 19/10, 00h (UTC)
Deployment date: Sun. 24/10, 02h (UTC)
Speed function: Helikite
Distance to the coast (km)
Flight time (h)
Number of members without landing
Probability (%)
Landing within 24h (0)
Landing within 48h (2)
Landing within 72h (0)
Landing within 120h (37)
No landing within 120h (12)
EPS deployment position
HRES (108h)