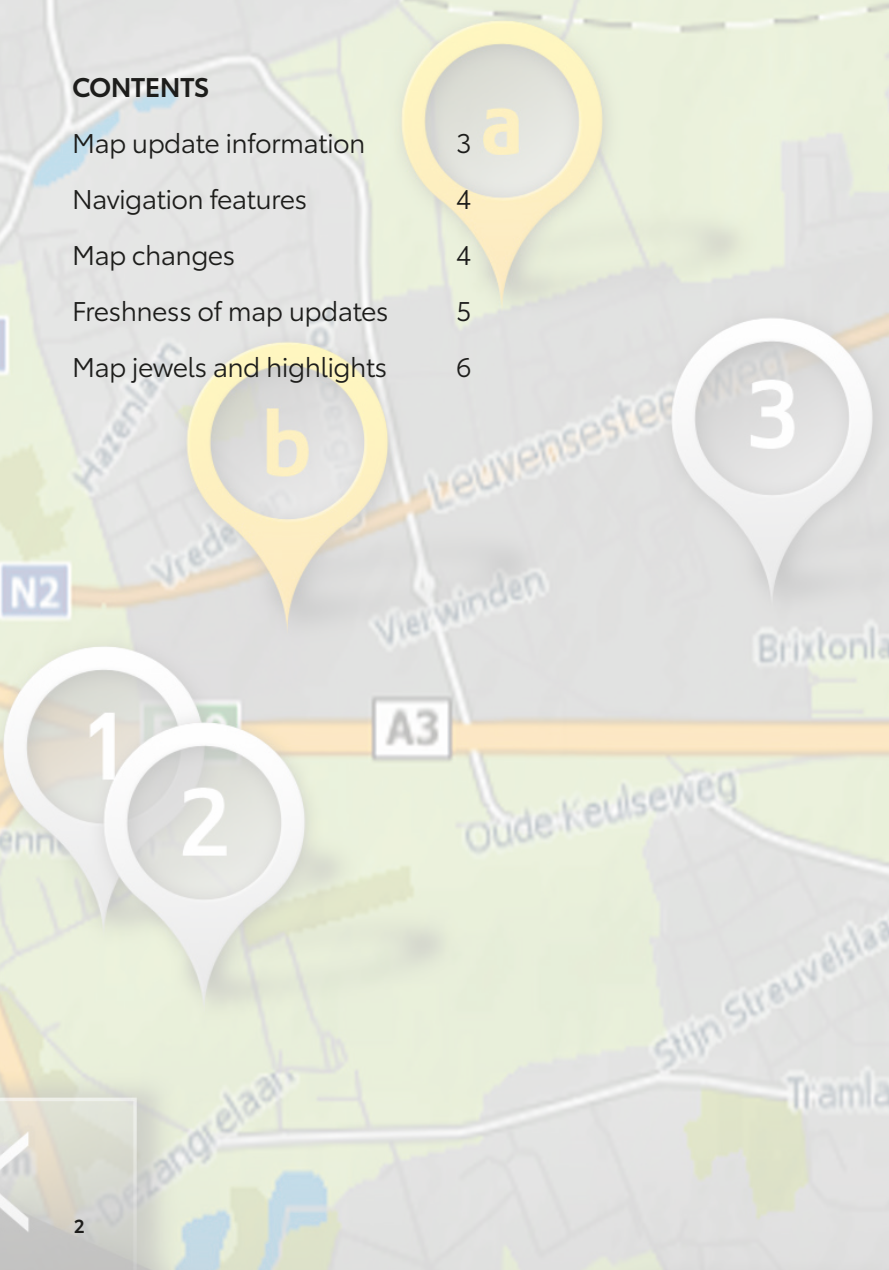




TOUCH & GO (CY11) TOUCH 2 WITH GO (CY13/CY16/MM17/MM19) SPRING 2024 MAP UPDATE RELEASE NOTES





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This Toyota Map Update Release Notes helps you stay on track with updates on the Map release for the Touch & Go and Touch 2 with Go navigation systems. It also provides product information, map changes, premium content and sales arguments.

Toyota map updates are released at least once a year, and at a maximum twice a year.

MAP UPDATE INFORMATION

Touch & Go (CY11) (latest map update)

Release date: Spring, 2024

Version: 2.25.0

Database: 2023.Q2

Media: USB stick or download by user

System vendor: Harman

Coverage: Albania, Andorra, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, Gibraltar, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Kazakhstan, Kosovo, Latvia, Liechtenstein, Lithuania, Luxembourg, North Macedonia, Malta, Moldova, Monaco, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Türkiye, Ukraine, United Kingdom, Vatican.

TOUCH 2 with Go (CY13/CY16)

Release date: Spring 2024

Version: 6.23.0

Database: 2023.Q2

Media: USB stick or download by user

System vendor: Harman

Coverage: Albania, Andorra, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, Gibraltar, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Kazakhstan, Kosovo, Latvia, Liechtenstein, Lithuania, Luxembourg, North Macedonia, Malta, Moldova, Monaco, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Türkiye, Ukraine, United Kingdom, Vatican.

TOUCH 2 with Go (MM17/MM19)

Release date: Spring 2024

Version: 2024-1

Database: 2023.Q2

Media: USB stick or download by user

System vendor: Harman

Coverage: Albania, Andorra, Austria, Belarus, Belgium, Bosnia Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, Gibraltar, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Kazakhstan, Kosovo, Latvia, Liechtenstein, Lithuania, Luxembourg, North Macedonia, Malta, Moldova, Monaco, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Türkiye, Ukraine, United Kingdom, Vatican.



Keeping up to date with these and many more features:

Full map navigation
Driver-friendly full map pan-European navigation with clear visual displays for signposts, junctions and lane guidance.

Speed limit and safety camera alerts
Drive safely with the help of a speed limit display and warning, including an optional speed warning setting. Alerts notify you of fixed safety camera locations (in countries where it is legal).

Intuitive detour suggestions
Real-time traffic information updates* alert you to congestion ahead on your planned route. The system calculates potential delay times and suggests a detour to avoid the problem.

**Depending on local service availability.*

3D city maps
In major cities, maps are enhanced by 3D images of notable buildings and landmarks along your route to make navigation easier and clearer than ever before.

NAVIGATION FEATURES

3D Landmarks & 3D city models: a realistic environment representation will ease customer's routing thanks to recognizable buildings and monuments.

Speed limits: you can check the maximum speed limit at any time and adapt your speed if necessary.

2D junction visuals: it is well-known that taking a wrong exit could extend the driving time considerably. With junction representations, you remain on the right lane and there is no doubt or hesitation at the next turn.

Extended lane information: very helpful on highways and complex intersections to select the right lane and avoid dangerous last-minute manoeuvres, meaning you're better prepared and not risking driving in the wrong direction.

Speed cameras: provides an awareness of fixed cameras, radar zones and stoplight intersection cameras (where allowed), helping to adjust your driving speed when needed.

Traffic information: very important for itinerary calculation. Avoid traffic jams and follow less congested roads to save time during rush hours and reach your destination faster.

Core POI list and search: enter a destination address or select amongst a list of points of interest. For the UK and The Netherlands, a search by extended postal codes is available.

Sign-as-real: will facilitate driver directions and reduce hesitation mistakes while driving following the system guidance.

MAP CHANGES

About 15% of the road network changes every year and HERE Technologies, Toyota's map supplier, does the same to keep the map update as accurate as possible.

From the last map update (with 2023.Q1 data) to the current map update (with 2023.Q2 data), HERE Technologies has added or modified the following key changes:

For accurate guidance:

- + 4,120,579 street names
- + 276,550 intersections
- + 269,419 one-way roads

For safe travel:

- + 388,318 km of roads
- + 6,640,467 speed limits
- + 34,764 turn restrictions

For convenience:

- + 152,554 signpost information
- + 1,442,323 Points of Interest

More information about how much the map changes over time (Map Change Viewer): <http://mapchanges.navigation.com/?app=toyota>

More information about HERE Technologies' data collection and integration: https://www.youtube.com/watch?v=tnMV_WcNrL0&yt:cc=on&hl=en

FRESHNESS OF MAP UPDATES

HERE Maps Conception

The creation of a map update is a long and tedious process. The release of a latest map update for your car involves a thorough process from data collection until the final product is made available. Below a few steps taken:

a) Data collection & integration in the database into the HERE database (3 months): this process is managed by HERE. Every quarter HERE releases updated information with changes on the road networks.

b) Data compilation & test validation (7 - 10 months): this process is done by the system vendor and Toyota. The system vendor oversees compiling data from HERE database into the Toyota navigation system. Once this is done, Toyota will proceed with the testing and approval phase for the update product. Compilation and test validations may involve several interactions before the final approval is given by Toyota.

c) Distribution (2-3 weeks): once the product has been integrated and tested into the Toyota navigation system, it would usually take about 2-3 weeks for Toyota Europe to distribute the product to all Toyota dealerships.

Why is the map in my recently bought map update outdated? Why does it take so long to compile maps while other companies (e.g. Google) do this on a daily basis?

The production of a map update for the in-dash navigation system is a very complex process from data collection, data compilation, data testing and final distribution. The duration and constraints on compilation and testing

are far greater in the automotive industry than in the consumer electronics (PND, phones), and this is due to:

a) The HERE Database is increasing: every year, the size of the map database increases significantly (new streets, new details, etc.) but the map update needs to be contained within a fixed file size.

b) Product bug checking: the final product released to the market needs to be tested, ready and perfect for use. Unlike phones or computers, bugs cannot be fixed with a simple download, a remote bug fix or even a reboot.

c) Old navigation systems: the expectation that map updates also need to run on older navigation systems designed and launched many years ago which have a longer lifetime lasting several years. In comparison, PND and phones have an average life cycle of 1-2 years.

Toyota offers regular map updates to ensure that your navigation system offers you a premium driving experience.

For more information about map updates visit:
www.toyota-mapupdates.eu/FAQ/



MAP JEWELS AND HIGHLIGHTS

Discover the major road network changes in your country. Find out where new bypasses, highways, roundabouts, sections of roads and many more are included on your new map update with 2023.Q2 data:

ALBANIA:



88 km of navigable geometry have been added.

AUSTRIA:



Environmental Zone updates in TIROL A12 (KUFSTEIN-ZIRL) SANIERUNGSGEBIET, according to official sources.

L210: A section of 3 km was updated in terms of access at Schattendorf, Mattersburg.

BELARUS:



Toll Cost 2023 price updates according to official sources.

38 km navigable geometry has been added.

BELGIUM:



E17: A section of 5 km was updated in terms of speed limit 70 at Gentbrugge, Ghent.

Kerkplein: A section of 34 km was updated in terms of speed limit from 50 km/h to 30 km/h and from 50km/h to 20 km/h.

Zeebrugge-Rosslare: A new ferry line was added between Zeebrugge in Belgium and Rosslare in Ireland.

Chaussée de Charleroi: A section of 6 km was updated in terms of road geometry representation, speed limit and speed category.

BOSNIA HERZEGOVIA:



A section of 2 km was updated in terms of the speed limit from 50 km/h to 40 km/h and 30 km/h at Srednjobosanski kanton, Travnik.

E-761: A new roundabout was added at Bosanski Petrovac.

M-17.3: A section of 150 km was updated in terms of speed limit, traffic sign and lane guidance between Stolac and Neum.

Tuzla Airport: New Airport Terminal POI and parking lot roads were added.

BULGARIA:



731 km of navigable geometry have been added.

New ferry route -Boat Ferry has been added: Burgas-Batumi.

CROATIA:



The official currency was changed from kuna to euro.

Stankovićevo ulica: A section of 1 km was updated in terms of the speed limit from 50 km/h to 30 km/h.

A1/A3/A4/A6/A7/A11: 12 junction names and 9 Rest Area names were updated.

Over 17,000 new Point Addresses were added countrywide.

CZECH REPUBLIC:



Opava: New section of road 11 opened.

9: A section of 2 km bypass was added near Mělník.

187: A section of 3 km was updated in terms of road geometry representation, speed limit and speed category at Brod, Kolíneć.

Kotíkovská: A section of 7 km was updated in terms of road geometry representation, speed limit and lane category. Road is open to traffic at Pilsen.

DENMARK:



E20/Fynske Motorvej: A stretch of 43 km was updated in terms of speed limits.

Denmark highways: Several stretches of altogether 88 km were updated in terms of speed limits.

Postal codes updated for the whole country.

Giber Ringvej: A section of 14 km was updated in terms of road geometry representation and speed limit at Hasselager, Aarhus.

ESTONIA:



218: A section of 42 km was updated in terms of road geometry representation, road name and functional class upgrade at Eivere küla, Paide.

E263: A section of 9 km was updated in terms of road geometry representation and overpass at Tartu, Tartu Maakond.

FINLAND:



Kuopio: Speed limits were lowered in Kuopio centre.

Winter speed limits were updated in all of Finland.

Hämeenlinnanväylä: A section of 24 km was updated in terms of variable speed limit and lane guidance at Luhtajoki, Nurmijärvi.

The city centre of Kaarina was updated from 50 km/h to 30 km/h zone.

FRANCE:



A62: A new ramp system was added to access Agen city. The interchange is now open.

N42: The road is open to traffic at Saint-Martin-Boulogne, Pas-de-Calais.

Échangeur du Broc: A section of 1 km was added in terms of road geometry representation and lane category at Le Broc, Puy-de-Dôme.

Environmental Zone updates in Rouen ZFE, according to official sources.

Autoroute du Soleil: A section of 17 km was updated in terms of speed limit from 50 km/h to 30 km/h.

County Calvados: A section of 400 km was updated in terms of speed limit from 90 km/h to 80 km/h.

County Loiret: A section of 165 km of roads were updated in terms of speed limit from 80 km/h to 90 km/h.

County Yonne: A section of 500 km was updated in terms of speed limit from 80 km/h to 90 km/h.

The city centre of Blois was updated from 50 km/h to 30 km/h zone.

The city centre of Grenoble was updated to a pedestrian zone.

The city centre of Lille was updated to a pedestrian zone.

The entire built-up area of Écully, Rhône was updated to a 30 km/h zone, except main roads.

La Roche-sur-Yon: New section of D948 opened.

Nièvre: A section of 400 km was updated in terms of speed limit from 100 km/h to 90 km/h at Nevers, Nièvre.

Rennes city centre: A new Limited Traffic Zone was added.

Avenue Charles de Gaulle: A section of 3 km was updated in terms of road geometry representation, speed limit, speed category and lane category at Neuilly-sur-Seine, Hauts-de-Seine.

GERMANY:



Erbendorf: New ramp connecting B299 and B22 opened.

A13: Speed limits were updated on 126km stretch between Kreuz Schönefeld and Dreieck Spreewald.

A26: A new 28km motorway was added in Buxtehude.

B66N: 8km new bypass was partly added in Barntrop.

Environmental Zone updates in München Umweltzone, according to official sources.

A10/A114: A junction between A10 and A114 was updated, and the A114 was updated in terms of speed limit in Berlin.

A19: A new ramp system was added to access Hafen Rostock, Rostock.

The city centre of Saarbrücken was updated from 50 km/h to 30 km/h zone including main roads.

B1: A section of 50 km was updated in terms of road geometry representation, speed limit and speed category. The road is open to traffic at Coppenbrügge, Hameln-Pyrmont.

K37: A new roundabout was added at Büren, Paderborn.

GREECE:



80 Greek islands were updated in terms of Turkish exonyms.

80: A section of 7 km was updated in terms of speed limit from 80 km/h to 70 km/h.

E65: A new roundabout was added at Elassona.

HUNGARY:

M35: A section of 1 km was updated in terms of junction, road geometry representation and speed limit at Debrecen, Debreceni Járás.

ICELAND:

Toll Cost 2023 price updates according to official sources.

1: A section of 10 km was updated in terms of road geometry representation at Selfoss, Suðurland.

IRELAND:

Toll Cost 2023 price updates according to official sources.

Ballyjamesduff Road: A new roundabout was added at Virginia, County Cavan.

N55: A section of 4 km was updated in terms of road geometry representation, speed limit and speed category.

ITALY:

Via Pontina: A section of 163 km was updated in terms of speed limit between Rome and Terracina.

SR62/Tangenziale Sud: A section of 1 km was updated in terms of road geometry representation at Verona.

SS256 Var: A section of 9 km was updated in terms of speed limit, speed category at Campo dell'Olmo, Fabriano.

SS76 New Bridge: 1 km was added at Serra San Quirico, Ancona.

Strada Statale Bradanica: A new ramp system was added to access Irsina, Matera.

A5 Turin – Quincinetto motorway, junction A4/A5 Ivrea – Santhià motorway, A55 North ring road and South of Turin and A55 Moncalieri branch: A section of 425 km was updated in terms of road geometry representation, speed limit, and speed category at Turin.

KAZAKHSTAN:

None

KOSOVO:

Phone Number Country Code was updated for Kosovo and corrected into 383.

LATVIA:

Berģu iela: A section of 2 km was updated in terms of speed limit from 50 km/h to 30 km/h.

Dzelzkalni: A section of 15 km was updated in terms of geometry representation at Kekava, Ķekavas novads.

E77: A section of 117 km was updated in terms of Variable Speed Limit at Krustiņi, Incukalns.

LITHUANIA:

None

MONTENEGRO:

17 km of navigable geometry have been added.

E-762: A section of 34 km was updated in terms of road geometry representation and roundabout at Danilovgrad.

NETHERLANDS:

N7 Europaplein: A new ramp exit and entry towards Europaweg were added in Groningen.

Ring Groningen Zuid: ramp connection to Gotenburgweg changed from a roundabout into a T-junction.

Toll Cost 2023 price updates according to official sources.

N2: A new ramp system was added to access De Run 1100.

A9: A new ramp system was added to access Amstelveen.

N7: A new ramp system was added to access Corpus den Hoorn, Groningen.

Kastanjelaan: A section of 17 km was updated in terms of speed limit at Mimosastraat, Bergen op Zoom.

NORTH MACEDONIA:

2 km navigable geometry have been added.

A4: A section of 4 km was updated in terms of road geometry representation, speed category and speed limit at Shtip, Istočen.

Chesinovo–Obeleshevo, Kochani: 13 km of new expressway road A3 were added.

NORWAY:

Postal codes updated for the whole country.

5: 6km Kjørsnestunnelen was added at Sunnfjord, Vestland.

E39: A section of 7 km was updated in terms of road geometry representation at Heim, Trondelag.

717: A section of 8 km was updated in terms of road geometry representation, speed limit, and speed category at Rissa, Indre Fosen.

POLAND:

New road: A section of 5 km of new express road S5 has been added between Ornowo and Wirwajdy

The city centre of Cracow was updated from 50 km/h to 30 km/h zone, except for the main roads.

372: A section of 18 km was updated in terms of road geometry representation, speed limit and speed category. The road is open to traffic between Łany and Długoleka.

S5: A section of 30 km was updated in terms of road geometry representation, directional sign, speed limit, lane category at Ostróda Gmina, Powiat Ostródzki.

A1: A section of 189 km was updated in terms of road geometry representation, speed limit, speed category and lane guidance at Rędziny, Powiat Częstochowski.

PORTUGAL:

Toll Cost 2023 price updates according to official sources.

Avenida de Fernão de Magalhães: was updated in terms of road geometry representation at Porto.

IC2: A new roundabout was added at Casal Carvalho, Alcobaca.

Túnel Águas Santas, A4, IP4/E82: the tunnel was updated in terms of geometry and attributes along 1.3km in both directions of traffic.

ROMANIA:

Bulevardul Basarabia: A section of 5 km was updated in terms of speed limit from 60km/h to 50km/h.

A1: A section of 29 km was updated in terms of road geometry representation, speed limit and speed category. Road is open to traffic at Șelimbăr, Sibiu.

A7: A section of 185 km was updated in terms of road geometry representation, speed limit and road name. Road is closed to traffic due to ongoing construction at Slobozia Ciorăști, Vrancea.

RUSSIA:

M7: A section of 10 km was updated in terms of multiply digitized road, lane category at Cheboksarskiy rayon, Chuvash Republic.

M7: A section of 18 km was updated in terms of multiply digitized road and lane category at Zelenodol'skiy rayon, Tatarstan Republic.

SLOVAK REPUBLIC:

None

SLOVENIA:

A5: A section of 9 km was updated in terms of the speed limit from 130 km/h to 110 km/h, between Dolga vas and Lendava.

E61: A new roundabout was added at Gradišče pri Materiji, Hrpelje-Kozina.

2: A new roundabout was added at Hardek, Ormoz.

E61: A new roundabout was added at Gradišče pri Materiji, Hrpelje-Kozina.

SPAIN:

A-15/NA-700: Ramp system was updated at Orkoien, Navarra.

A-67/N-611: A new ramp system was added to access Aguilar de Campoo, Palencia.

Environmental Zone updates in ZBE Madrid, according to official sources.

N-121-A: A section of 25 km was updated in terms of road geometry representation, lane category and lane guidance at Anue, Navarra.

New Environmental Zones implementation in ZBE Badalona, according to official sources.

Barcelona: 21 train and underground poi names were updated in the metropolitan area of Barcelona city.

Enlace Supersur AP-8/AP-68: A new toll motorway added in Bilbao.

Variante de Alcorisa: A new ring road was added in Alcorisa, Teruel.

N-238: A section of 15 km was updated in terms of road geometry representation, speed limit and speed category at Vinaròs, Castellón.

SWEDEN:

23: A stretch of 10 km was updated in Vederslöv.

Stockholm Centre: Speed limits on 31km of collective roads were updated.

E12: Harbour area was updated at Umeå.

56: A stretch of 14 km was updated in Västerås.

Olofström Municipality: A section of 77 km was updated in terms of speed limit from 50 km/h to 40 km/h and A section of 14 km was updated in terms of speed limit from 70 km/h to 40 km/h.

Dalhemsstigen: A section of 71 km was updated in terms of speed from 50 km/h to 40 km/h at Vimmerby.

A section of 18 km was updated in terms of speed limit from 50 km/h to 40 km/h at Mörrum, Mörrum.

SWITZERLAND:

Regensdorf: A new tunnel on the motorway A4 near Regensdorf opened.

Gare CFF La Chaux-de-Fonds les Forges: New train station was added at La Chaux-de-Fonds.

TÜRKİYE:

Yalova Yolu Caddesi: A section of 12 km was updated in terms of road geometry

representation, speed limit and speed category at Dürdane, Bursa.

Dumlupınar Bulvarı: A section of 9 km was added at Konutkent, Ankara.

Battalgazi Devlet Hastanesi: New Hospital was added at Firat, Battalgazi.

Assos Tüneli / Troya Tüneli new tunnels: 4 km was added at Ayvacik, Çanakkale.

Batı Çevre Yolu: A section of 38 km was added at Kahramankazan, Ankara.

UKRAINE

None

UNITED KINGDOM:

Calderdale: The junction of the A629, A6026 and B6112 has been enlarged and enhanced to improve traffic flow.

New Environmental Zones implementation in Bristol and Newcastle, according to official sources.

Chippenham Eastern Bypass: a 2 km road was opened at Chippenham.

Brampton Road: A section of 21 km was updated in terms of road geometry representation and lane category at Huntingdon, Cambridgeshire.

A1/A52/B1174: A section 16 km was updated in terms of road geometry representation, speed limit and lane guidance at Grantham, Lincolnshire.

New Environmental Zones implementation in Sheffield CAZ, according to official sources.

A171/A1043: A new roundabout was added at Nunthorpe, Middlesbrough.

A6120: A section of 104 km was updated in terms of road geometry representation, speed limit, speed category and lane guidance at Whinmoor, Leeds.

M56 J6-8: A section of 18 km was updated in terms of road geometry representation, speed limit, speed category and lane guidance at Hale, Altrincham.

NOTES

