

ČÁST 1 - HAVÁRIE

VÝŠKOVÝ SYSTÉM Bpv SOUŘADNICOVÝ SYSTÉM S-JTSK

Objednatel:



Krajská správa a údržba silnic
Středočeského kraje, příspěvková organizace
Zborovská 81/11, 150 21 Praha 5 - Smíchov

Zhotovitel:



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| Název akce: II/101 Dolní Břežany - Zbraslav | Měřítko: | Formát: |
| | Stupeň: PDPS | Paré č.: |
| Příloha: Technická zpráva | Příloha: 1. | |

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a) Identifikační údaje objektu

| | |
|-------------------------------|---|
| <i>Stavba:</i> | II/101 Dolní Břežany - Zbraslav |
| <i>Číslo objektu:</i> | SO 101.1 |
| <i>Název objektu:</i> | Silnice II/101 |
| <i>Katastrální území:</i> | Dolní Břežany, Lhota u Dolních Břežan, Točná |
| <i>Obec:</i> | Dolní Břežany, Praha |
| <i>Kraj:</i> | Středočeský, hl. m. Praha |
| <i>Objednatel:</i> | Krajská správa a údržba silnic Středočeského kraje Zborovská 11 Praha, 150 21 |
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b) Stručný popis objektu se zdůvodněním navrženého řešení

- 2.1 *Charakter stavby:* Pozemní komunikace, stavební úprava
- 2.2 *Délka úpravy:* **435m**

b.1)Obsah objektu a jeho umístění

Obsahem SO 101.1 je rekonstrukce vozovky silnice II/101 v úseku délky 435m. Začátek úpravy je umístěn v km 0,065, konec úpravy je navržen v km 0,500. Stávající směrové vedení silnice nebude v rámci stavby nijak změněno. Nová niveleta bude kopírovat stávající stav.

c) Vyhodnocení průzkumů a podkladů

- Geodetické zaměření v souřadnicovém systému S-JTSK a výškovém systém B.p.v.
- Katastrální mapa převedená do digitálního prostředí.
- Průzkum inženýrských sítí
- Místní šetření a fotodokumentace

d) Vztahy pozemní komunikace k ostatním objektům stavby

Stavební objekt SO 101.1 vede v km 0,142 přes most ev.č. 101-011, jehož rekonstrukce je součástí SO 201. Rozhraní mezi objekty je dáno takto:

- z hlediska vozovky, polohou řezané spáry (vozovka na nosné konstrukci je součástí mostu) a hrana římsy u vozovky
- z hlediska zemních prací koncem přechodové oblasti a v přechodové oblasti polohou zemní pláně
- z hlediska svodidel koncem říms
- dopravní značení, směrové sloupky a nástavce na svodidlo (resp. odrazky) jsou kompletně součástí SO 101

Na stavební objekt SO 101.1 navazují po celé délce úpravy opěrné zdi, jejich úprava, respektive stavba jsou součástí SO 251.1. Rozhraní mezi objekty je dáno takto:

- z hlediska vozovky, a hrana římsy u vozovky
- z hlediska zemních prací, polohou zemní pláně
- z hlediska svodidel koncem říms
- dopravní značení, směrové sloupky a nástavce na svodidlo (resp. odrazky) jsou kompletně součástí SO 101

Trvalé dopravní značení je předmětem SO 190.1. Přechodné dopravní značení pro zajištění provozu po dobu realizace je součástí SO 180.

d.1)Související objekty stavby

SO 001 – Demolice mostu ev.č. 101-011

SO 180 – Přechodné dopravní značení

SO 190.1 – Trvalé dopravní značení

SO 201 – Most ev.č. 101-011

SO 251.1 – Opěrné zdi

e) Návrh zpevněných ploch

e.1)Situční řešení

V rámci tohoto objektu dojde ke kompletní rekonstrukci vozovky II/101. Stávající směrové vedení nebude v rámci stavby nijak měněno. V rámci stavby bude kompletně obnoveno odvodnění silnice.

V km 0,065 – 0,089 dojde vzhledem k úpravám k předláždění stávajícího chodníku.

V km 0,078 a km 0,087 dojde k předláždění části stávajících vjezdu k nemovitostem.

V km 0,091 dojde k úpravě stávajícího vjezdu pomocí šterkodrti tl. 0,15m.

V km 0,213836 a km 0,321587 budou zhotoveny nové horské vpusti, které budou pomocí přípojky vyústěny skrz opěrnou zeď do stávající vodoteče.

V km 0,455272 bude zhotovena nová uliční vpust, která bude pomocí přípojky vyústěna skrz opěrnou zeď do stávající vodoteče.

V km 0,185 – km 0,495 vlevo bude zhotovena nová opěrná zeď, která je součástí objektu SO 251.1

Směrové výpočty byly provedeny v programu RoadPac a jsou doloženy v příloze této zprávy.

e.2) Výškové řešení

Výškové řešení vychází ze stávajících poměrů. Na začátku úpravy je niveleta plynule napojena na stávající stav. Na konci úpravy je napojena na stávající stav pomocí nájezdového klínu délky 5m. Vzhledem k výškové úpravě nivelety bude v km 0,065 – 0,089 nutné předláždění stávajícího chodníku, včetně stávajících vjezdů k nemovitostem v km 0,075 a 0,087. Dále bude nutná výšková úprava vjezdu v km 0,091 pomocí šterkodrti.

Výškové výpočty byly provedeny v programu RoadPac a jsou doloženy v příloze této zprávy.

e.3) Uspořádání v příčném řezu

Šířkové uspořádání silnice vychází ze silniční kategorie S7,5. Základní šířka vozovky je navržena 6,5m, která se rozšíří ve směrových obloucích o poloměru menším než 250m. Základní příčný sklon vozovky bude střechovitý 2,5%, který se změní ve směrových obloucích na jednostranný sklon.

Mimo vybrané úseky je vozovka lemována z obou stran nezpevněnou krajnicí šířky 0,5m, která bude v místech osazení svodidla rozšířena o 1,0m. Nezpevněná krajnice bude provedena ve sklonu 8% od vozovky ze šterkodrti tl. 0,15m a zhutněná na D=min.100%PS.

V km 0,065–0,130 vlevo bude vozovka lemována betonovou obrubou

V km 0,130-0,158 vlevo bude vozovka lemována betonovou římsou mostního objektu ev.č 101-011 (SO201)

V km 0,185-0,495 vlevo bude vozovka lemována betonovou římsou opěrné zdi (SO251.1)

V km 0,112-0,152 vpravo bude vozovka lemována betonovou římsou mostního objektu ev.č 101-011(SO201)

V km 0,152-0,322 vpravo bude vozovka lemována podobrubníkovým rigolem

V km 0,408-0,456 vpravo bude vozovka lemována podobrubníkovým rigolem

Budou osazeny silniční betonové obrubníky 250/150 se zkosením z betonu min. C30/37 XF4 do betonového lože tl. min. 0,15m z betonu min. C20/25nXF3. Obrubníky budou osazeny s převýšením +0,15m

e.4) Konstrukce vozovky

Konstrukce vozovky silnice je navržena z následujících konstrukčních vrstev:

| | | | |
|---|---------|-----------------------|----------------|
| Asf. beton pro ohrubné vrstvy ¹⁾ | ACO 11+ | 40mm | ČSN EN 13108–1 |
| Postřík spojovací ⁴⁾ | PS-CP | 0,35kg/m ² | ČSN 73 6129 |
| Asf. beton pro ložní vrstvy ²⁾ | ACL 16+ | 60mm | ČSN EN 13108–1 |
| Postřík spojovací ⁴⁾ | PS-CP | 0,35kg/m ² | ČSN 73 6129 |
| Asf. beton pro podkladní vrstvy ³⁾ | ACP 22+ | 90mm | ČSN EN 13108–1 |
| Postřík infiltrační ⁵⁾ | PI-C | 0,6kg/m ² | ČSN 73 6129 |
| Šterkodrt ⁶⁾ | ŠDA | 150mm | ČSN EN 13285 |

| Štěrkodrt ⁶⁾ | ŠD _A | 200mm | ČSN EN 13285 |
|----------------------------|-----------------|------------|--------------|
| Konstrukční vrstvy celkem: | | min. 500mm | |

Pozn.:

- ¹⁾ Pro obrusnou vrstvu bude použito modifikované asfaltové pojivo PmB 45/80 – 65 dle ČSN EN 14023 a ČSN 65 7222-1
- ²⁾ Pro ložní vrstvu bude použito modifikované asfaltové pojivo PmB 25/55 – 60 dle ČSN EN 14023 a ČSN 65 7222-1
- ³⁾ Pro asfalt. podkladní vrstvu bude použito silniční asfaltové pojivo 50/70 dle ČSN EN 12591
- ⁴⁾ Spojovací postřiky budou provedeny z modifikované kationaktivní emulze dle ČSN 736132 a ČSN EN 13 808
- ⁵⁾ Infiltrační postřik bude proveden z kationaktivní emulze dle ČSN 736132
- ⁶⁾ Směs kameniva použitá pro vrstvu ŠD musí odpovídat vlastnostem kameniva skupiny ŠD_A (dle ČSN EN 13285).

Před pokládkou konstrukčních vrstev vozovky musí být stav zemní pláň ověřen statickou zatěžovací zkouškou. Zemní pláň musí vykazovat $E_{def,2} > 45 \text{ MPa}$ a poměr $E_{def,2}/E_{def,1} < 2,5$. Na vrstvě ŠD se uvažuje dosažení $E_{def,2} > 80 \text{ MPa}$.

Ve všech pracovních spárách v napojení v obrusné vrstvě musí být proříznuty drážky 25x12 mm a zality asfaltovou modifikovanou zálivkou za horka typu N2 dle ČSN EN 14188-1. Podél opěrných zdí a dlážděných rigolů bude provedeno proříznutí drážky 40x12mm a zatěsnění zálivkou za horka z modifikovaného asfaltu typu N1 dle ČSN EN 14 188-1.

e.5) Příprava území

Příprava území zahrnuje frézování stávajícího souvrství vozovky, odstranění podkladních vrstev vozovky, sejmutí nezpevněných krajnic, sejmutí drnové vrstvy.

Před zahájení hlavních stavebních prací je nutné strhnout drnové vrstvy ze zelených ploch v mocnosti 0,20m. Předpokládá se, že tato zemina bude nepoužitelná k dalšímu využití a bude odvezena na skládku.

Zemina ze stržených nezpevněných krajnic se uvažuje jako nevhodná k dalšímu použití a bude odvezena na skládku.

Asfaltové souvrství bude odfrézováno v tl. 150mm, odfrézovaný materiál bude určen pro zpětný odkup zhotovitelem. Podkladní nestmelené vrstvy budou odtěženy v tl. 0,40m a předpokládá se, že jako nevyužitelné budou odvezeny na skládku.

e.6) Zemní práce

Zemní práce v rámci tohoto objektu nejsou příliš rozsáhlé a tvoří je odhumusování odstranění stávajících vrstev vozovky, přetěžení podloží vozovky, přesun zeminy, zhotovení aktivní zóny, sanace pláň vozovky, rozproštění rekultivační zeminy a osetí. Provádění zemních prací musí odpovídat požadavkům stanoveným v české technické normě ČSN 73 6133 – Navrhování a provádění zemního tělesa a musí respektovat TKP kap. 4 – Zemní práce.

e.6.1) Aktivní zóna

Podloží stávající vozovky po odstranění konstrukce bude odtěženo podloží do úrovně -0,30m pod projektovou pláň vozovky. Paraplán bude urovňována a zhutněna a bude na ni rozprostřena separační geotextilie netkaná (PP, odolnost proti protržení CBR min. 5 kN, propustnost kolmo k rovině geotextilie min. 10 l/s/m²). Následně bude provedena vrstva aktivní zóny tl. 0,30m

z vhodného materiálu dle ČSN 73 6133, která musí být provedena z vhodného nenamrzavého materiálu. Aktivní zóna bude prováděna a zhutněna po vrstvách na $D=\min.100\%PS$.

e.6.2) Dosypávky krajnice

Dosypávky krajnice budou provedeny z materiálu vhodného so aktivní zóny zhutněného na $D=100\%PS$

e.6.3) Dokončovací práce

Trávník může zakládat pouze odborná organizace, která má platné oprávnění k provádění těchto prací. Základním předpisem pro založení trávníku jsou TP 99 a TKP 13. Trávník je nutno založit tak, aby splňoval parametry stanovené těmito předpisy. Trávník je nezbytné zakládat za vhodných vegetačních a klimatických podmínek.

Na terén bude rozprostřena zemina v kvalitě ornice (náhrada ornice) tl. 0,15m s vytríděním zrn větších než 32mm. Před výsevem trávníku je nutno vrchní vrstvu půdy připravit pro výsev, tzn. nakypřit, urovnat, vysbírat kameny a pohnojit. Následně bude provedeno osetí travním semenem, zapravení do půdy a zaválení válcem (přibližně 80kg). Součástí je i zalití a první pokosení. Výsev je nutné provádět ve vhodných agrotechnických termínech (březen – květen nebo září – říjen).

Pokud nelze založit trávník hned po rozprostření ornice (nevhodné vegetační období) a připravené plochy se zaplevelí vytrvalými plevely, použije se pro odplevelení ploch totální herbicid. Plochy zaplevelené jednoletými plevely stačí posekat. Toto se však musí provést dříve, než se jednoleté plevely vysemení. Zakládat trávník na plochách se vzrostlým hustým plevellem není přípustné. V případě, že se trávník založí ihned po rozprostření ornice a je zaplevelený i po pokosení, použijí se pro odplevelení trávníku vhodné selektivní herbicidy. Na ložiska vytrvalých plevelů se použije přípravek opakovaně tak, aby při předání trávník splňoval parametry dané TKP. V zásadě je nutno technologický postup při zemních pracích a zakládání trávníku organizovat tak, aby se použití chemických prostředků minimalizovalo a použilo hlavně opakovaně na odstranění ložisek vytrvalých plevelů. Odstranění vytrvalých plevelů je jedna ze základních podmínek převzetí trávníku. K chemickému odplevelení je možné použít pouze registrované přípravky, které mohou být aplikovány pouze oprávněnou osobou.

Pro obnovu trávníku je navržena následující travní směs:

25% kostřava červená výběžkatá Rosana

10% kostřava červená trsnatá Ferota

10% kostřava červená dlouze výběžkatá Tábořská (Valašská)

32% kostřava ovčí Jana

20% lipnice smáčkutá Razula

Výsevek bude proveden v množství $18g/m^2$. V projektu je počítáno s ošetřením trávníku 2x. Ošetřování zahrnuje kosení trávy se shrabáním a odvozem na skládku, případně dosev nevzešlých míst apod. tak, aby trávník při předávání splňoval parametry dle TKP.

f) Režim povrchových a podzemních vod, zásady odvodnění, ochrana pozemní komunikace

Odvodnění vozovky je zajištěno příčným a podélným sklonem ke kraji vozovky. V místech opěrných zdí poteče voda podél převýšené římsy a pomocí odvodňovacích zařízení (součást SO 251.1) bude vyvedena do okolního terénu. Ve vybraných úsecích vpravo bude zhotoven podobrubníkový rigol, který bude zaústěn do nových vpustí. Uliční a horské vpustí, budou přípojkami (součást tohoto SO) vyústěny do vodoteče na levé straně vozovky.

Plán bude odvodněna pomocí trativodů, které budou zaústěny do uličních a horských vpustí.

Uliční vpustí budou v sestavě:

- Mříž litinová rovná 500x500mm pro uliční vpustí D400 (dle ČSN EN 124)
- Rám celolitinový pro uliční vpustí třídy D400 (dle ČSN EN 124)
- Tělesa uličních vpustí budou provedena z betonových prvků DN500
- Do uličních vpustí budou osazeny koše na splaveniny typu A4 z pozinkovaného plechu

Konstrukční výška vpustí se předpokládá 1,30m. Dno uliční vpustí bude osazeno do bet. lože C25/30nXF3 tl. min. 0,15m. Výkop pro uliční vpustí je do úrovně paraplaně nutné zasypat štěrkodrtí ŠD_A fr. 0/32 a hutnit po vrstvách tl. max. 0,30m na D= min. 95% PS.

Horské vpustí budou provedeny jako železobetonový prefabrikát o vnitřních rozměrech 1200 x 600 mm a budou uloženy na podkladní beton min. C12/15 tl. 0,15m. Horské vpustí budou opatřeny kompozitovou mříží s únosností min. C250. Těleso horské vpustí bude provedeno z betonu s odolností proti vlivu prostředí XF4. Zásyp výkopu bude proveden po vrstvách 0,3m ŠD 0/63 a zhutněn na D=min.95%PS. Těleso HV bude před zásypem opatřeno nátěrem proti zemní vlhkosti (2x ALP + ALN). Vtok do HV bude odlážděn z drobných žulových kostek 100/100 do betonu C20/25nXF3 tl. 0,15m.

Dno podobrubníkového rigolu bude tvořit dlažba z drobných žulových kostek 100/100 osazených do lože z betonu C20/25nXF3 tl.0,15m. Spárování mezi žulovými kostkami bude provedeno spárovací hmotou s odolností proti vlivu prostředí XF4. Spára mezi krajní žulovou kostkou a hranou vozovky bude proříznuta drážkou 40x12mm a zalita zálivkou za horka z modifikovaného asfaltu typu N1 dle ČSN EN 14188-1. Ukončení podobrubníkového rigolu bude zajištěno betonovou silniční obrubou 150/250 vy vyrobenou z betonu min. C30/37 XF4 osazenou do lože z betonu min. C20/25nXF3 tl. 0,15m.

Přípojky uličních vpustí budou provedeny z hladkých trubek PVC DN 150 SN 16. Lože tl. 0,15m bude provedeno ze štěrkopísku ŠP 0/32. Obsyp potrubí do úrovně 0,30m nad jeho horní hranu bude proveden ze štěrkopísku ŠP 0/32 a bude zhutněn na D=min. 95%PS. Zásyp rýhy do úrovně paraplaně bude proveden štěrkodrtí ŠD 0/32 a bude zhutněn na D=min.95%PS.

Trativody budou vybudovány z drenážních trubek PVC-U DN 150 SN 8 flexibilních perforovaných po celém obvodu. Trubky budou uloženy do rýhy šířky 0,40m do betonového lože C8/10. Rýha bude vyplněna drceným kamenivem fr. 8/32. Trativody budou vyústěny do horských a uličních vpustí.

g) Návrh dopravních značek, dopravních zařízení, světelných signálů, zařízení pro provozní informace a dopravní telematiku

Součástí tohoto stavebního objektu je osazení nových ocelových svodidel v následujících úsecích:

V km 0,122-0,130 vlevo – Dlouhý náběh ocelového svodidla, který bude přímo napojen na mostní svodidlo (součást SO201)

V km 0,158-0,185 vlevo – Ocelové svodidlo, které bude v km 0,158 přímo napojeno na mostní svodidlo (SO201) a v km 0,185 bude přímo napojeno na zábradelní svodidlo (Součást SO251.1)

V km 0,495-0,520 vlevo – Ocelové svodidlo, které bude v km 0,495 přímo napojeno na zábradelní svodidlo (SO251.1) a v km 0,520 bude přímo napojeno na stávající ocelové svodidlo.

V km 0,065–0,112 vpravo – Ocelové svodidlo s dlouhým náběhem, které bude v km 0,112 přímo napojeno na mostní svodidlo (SO201)

V km 0,152-0,160 vpravo – Dlouhý náběh ocelového svodidla, který bude přímo napojen na mostní svodidlo (SO201)

V km 0,326-0,390 vpravo – Ocelové svodidlo s dlouhými náběhy

Budou použita jednostranná ocelová svodidla svodnicového typu s úrovní zadržení H1.

Volná šířka komunikace bude vymezena pomocí plastových silničních sloupků bílé barvy, které budou umístěny v nezpevněné krajnici, případně pomocí nástavců na ocelová svodidla.

Rozmístění směrových sloupků se řídí požadavky ČSN 73 6101 dle křivosti směrového vedení, tj.:

| | | |
|--|---------------|----------------------|
| - Pro přímé a směrové oblouky o poloměru | $R \geq 1250$ | ve vzdálenostech 50m |
| - pro směrové oblouky o poloměru | $R \geq 850$ | ve vzdálenostech 40m |
| | $R \geq 450$ | ve vzdálenostech 30m |
| | $R \geq 250$ | ve vzdálenostech 20m |
| | $R \geq 50$ | ve vzdálenostech 10m |
| | $R \leq 50$ | ve vzdálenostech 5m |

Budou použity plastové sloupky výšky 0,80m nad korunou vozovky. Patky budou osazeny do vrtu průměru 0,350m tak, aby při zhotovení krajnice ze štěrkodrti horní okraj převyšoval krajnici o cca 0,05m. Po osazení patky bude vrt vyplněn betonem C30/37 XF4 do úrovně - 0,20m po úroveň horní hrany patky.

Dopravní značení je součástí SO 190 – Trvalé dopravní značení.

h) Zvláštní podmínky a požadavky na postup výstavby, případně údržbu

V místě stavby SO 101 se nenacházejí inženýrské sítě, jejichž orientační poloha byla zjištěna průzkumem inženýrských sítí doloženým v dokladové části dokumentace. Zjištěné polohy inženýrských sítí jsou zakresleny v koordinační situaci. Část stavby však bude probíhat v ochranném pásmu IS. Před zahájením stavebních prací musí zhotovitel požádat správce sítí o vytyčení podzemních vedení inženýrských sítí.

Vedení a organizaci dopravy během realizace stavby řeší SO 180 – Přechodné dopravní značení.

i) Vazba na případné technologické vybavení

Technologické vybavení není součástí.

j) Přehled provedených výpočtů a konstatování o statickém ověření rozhodujících dimenzí

- Směrový výpočet
- Výškový výpočet

k) Řešení přístupu a užívání veřejně přístupných komunikací a ploch souvisejících osobami s omezenou schopností pohybu a orientace

Předmětem SO 101 nejsou pozemní komunikace vyjmenované v §4 vyhlášky č. 398/2009 sb. v aktuální znění. Řešení přístupu a užívání veřejně přístupných komunikací a ploch souvisejících osobami s omezenou schopností pohybu a orientace není předmětem tohoto stavebního objektu.

l) Další přílohy

- Vzorová sestava uliční vpusti
- Vzorová sestava horské vpusti
- Vzorové uložení přípojky

SMĚROVÝ VÝPOČET DO KRUŽNIC

Verze: 2017

Datum zadání: 25.10.2017

Datum výpočtu: 16. 4.2021 15: 9:53

datum a čas kompilace: 25.11.2017 21:27

Projekt: BREZANY

Trasa: 101.V12

* Použit vstupní soubor Hlavní body směru s názvem 101.SHB
 * Akce:
 * Trasa:
 * Datum vzniku 20.10.2017 programem ISHB5
 * Datum posl. zápisu 20.10.2017 programem ISHB5
 * Soubor .SHB nového typu

* Konec čtení vstupních údajů

Přečteno 0 řádků dat a 101 úseků ze souboru SHB

Uloženo 101 úseků

* Vytvořen výstupní soubor Hlavní body směru s názvem WORK.SHB
 * Akce:
 * Trasa:
 * Datum vzniku 16. 4.2021 programem RP12
 * Datum posl. zápisu 16. 4.2021 programem RP12
 * Soubor .SHB nového typu

| | | Údaje o hlavních bodech směrového vedení trasy | | | | | | | | | | |
|----|----------|--|------------|-------------|-----------|----------|------------|-------------|--------|--------|-----------|-------|
| CB | IND | STA | YH | XH | sigmah | R | YS | XS | | T1 | T2 (VZP) | alfat |
| CV | TP | DIF | YP | XP | sigp | A | YT | XT | | | | |
| 1 | OT | .000000 | 742569.412 | 1056850.818 | 100.98127 | .000 | .000 | .000 | | | | |
| 0 | tečna | 19.603 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 | |
| 2 | TK | .019603 | 742589.012 | 1056850.516 | 100.98127 | -600.000 | 742598.260 | 1057450.445 | | | | |
| 1 | kružnice | 20.088 | .000 | .000 | .00000 | .000 | 742599.056 | 1056850.361 | 10.045 | -.084 | -2.13145 | |
| 3 | KT | .039691 | 742609.100 | 1056850.543 | 98.84982 | .000 | .000 | .000 | | | | |
| 0 | tečna | 34.746 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 | |
| 4 | TP | .074438 | 742643.840 | 1056851.170 | 98.84982 | .000 | .000 | .000 | | | | |
| 2 | klotoida | 30.000 | 742643.840 | 1056851.170 | 98.84982 | 77.460 | 742663.843 | 1056851.532 | 20.006 | 10.005 | -4.77465 | |
| 5 | PK | .104438 | 742673.805 | 1056852.461 | 94.07517 | -200.000 | 742655.218 | 1057051.596 | | | | |
| 2 | kružnice | 2.782 | .000 | .000 | .00000 | .000 | 742675.190 | 1056852.591 | 1.391 | -.005 | -.88541 | |
| 6 | KP | .107219 | 742676.573 | 1056852.739 | 93.18976 | -200.000 | 742655.218 | 1057051.596 | | | | |
| 2 | klotoida | 30.000 | 742706.196 | 1056857.428 | 88.41511 | -77.460 | 742686.521 | 1056853.808 | 10.005 | 20.006 | -4.77465 | |
| 7 | PT | .137219 | 742706.196 | 1056857.428 | 88.41511 | .000 | .000 | .000 | | | | |
| 0 | tečna | 20.861 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 | |
| 8 | TP | .158080 | 742726.713 | 1056861.203 | 88.41511 | .000 | .000 | .000 | | | | |
| 3 | klotoida | 30.000 | 742726.713 | 1056861.203 | 88.41511 | 67.082 | 742746.393 | 1056864.825 | 20.010 | 10.010 | 6.36620 | |
| 9 | PK | .188080 | 742756.369 | 1056865.644 | 94.78131 | 150.000 | 742768.651 | 1056716.148 | | | | |
| 3 | kružnice | 15.259 | .000 | .000 | .00000 | .000 | 742763.979 | 1056866.270 | 7.636 | .194 | 6.47596 | |
| 10 | KP | .203339 | 742771.614 | 1056866.119 | 101.25727 | 150.000 | 742768.651 | 1056716.148 | | | | |
| 3 | klotoida | 30.000 | 742801.488 | 1056863.531 | 107.62347 | -67.082 | 742781.621 | 1056865.921 | 10.010 | 20.010 | 6.36620 | |
| 11 | PT | .233339 | 742801.488 | 1056863.531 | 107.62347 | .000 | .000 | .000 | | | | |
| 0 | tečna | 4.565 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 | |
| 12 | TP | .237904 | 742806.021 | 1056862.985 | 107.62347 | .000 | .000 | .000 | | | | |
| 4 | klotoida | 40.000 | 742806.021 | 1056862.985 | 107.62347 | 48.990 | 742832.653 | 1056859.781 | 26.824 | 13.476 | 21.22066 | |
| 13 | PK | .277904 | 742844.769 | 1056853.882 | 128.84412 | 60.000 | 742818.505 | 1056799.936 | | | | |
| 4 | kružnice | 13.651 | .000 | .000 | .00000 | .000 | 742850.932 | 1056850.881 | 6.855 | .390 | 14.48429 | |
| 14 | KT | .291556 | 742856.260 | 1056846.567 | 143.32841 | .000 | .000 | .000 | | | | |
| 0 | tečna | 23.003 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 | |
| 15 | TP | .314559 | 742874.138 | 1056832.092 | 143.32841 | .000 | .000 | .000 | | | | |
| 5 | klotoida | 40.000 | 742874.138 | 1056832.092 | 143.32841 | 46.904 | 742895.009 | 1056815.194 | 26.854 | 13.504 | -23.14981 | |
| 16 | PK | .354559 | 742907.840 | 1056810.985 | 120.17860 | -55.000 | 742924.982 | 1056863.246 | | | | |
| 5 | kružnice | 26.361 | .000 | .000 | .00000 | .000 | 742920.609 | 1056806.797 | 13.439 | -1.618 | -30.51269 | |
| 17 | KP | .380920 | 742933.871 | 1056808.969 | 89.66591 | -55.000 | 742924.982 | 1056863.246 | | | | |
| 5 | klotoida | 20.000 | 742953.044 | 1056814.556 | 78.09101 | -33.166 | 742940.471 | 1056810.050 | 6.688 | 13.356 | -11.57490 | |
| 18 | PT | .400920 | 742953.044 | 1056814.556 | 78.09101 | .000 | .000 | .000 | | | | |
| 0 | tečna | 73.776 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 | |
| 19 | TP | .474696 | 743022.495 | 1056839.447 | 78.09101 | .000 | .000 | .000 | | | | |
| 6 | klotoida | 20.000 | 743022.495 | 1056839.447 | 78.09101 | 40.000 | 743035.056 | 1056843.950 | 13.344 | 6.677 | 7.95775 | |
| 20 | PK | .494696 | 743041.573 | 1056845.401 | 86.04875 | 80.000 | 743058.965 | 1056767.314 | | | | |
| 6 | kružnice | 14.026 | .000 | .000 | .00000 | .000 | 743048.436 | 1056846.930 | 7.031 | .308 | 11.16167 | |
| 21 | KP | .508722 | 743055.461 | 1056847.238 | 97.21043 | 80.000 | 743058.965 | 1056767.314 | | | | |
| 6 | klotoida | 30.000 | 743085.315 | 1056844.808 | 109.14705 | -48.990 | 743065.485 | 1056847.677 | 10.034 | 20.037 | 11.93662 | |
| 22 | PT | .538722 | 743085.315 | 1056844.808 | 109.14705 | .000 | .000 | .000 | | | | |

| | | | | | | | | | | | |
|----|----------|----------|------------|-------------|-----------|----------|------------|-------------|--------|--------|-----------|
| 0 | tečna | 63.297 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 23 | TP | .602019 | 743147.960 | 1056835.745 | 109.14705 | .000 | .000 | .000 | | | |
| 7 | klotoida | 30.000 | 743147.960 | 1056835.745 | 109.14705 | 71.414 | 743167.762 | 1056832.880 | 20.008 | 10.007 | -5.61723 |
| 24 | PK | .632019 | 743177.754 | 1056832.325 | 103.52981 | -170.000 | 743187.175 | 1057002.064 | | | |
| 7 | kružnice | 14.877 | .000 | .000 | .00000 | .000 | 743185.186 | 1056831.913 | 7.443 | -.163 | -5.57115 |
| 25 | KP | .646896 | 743192.625 | 1056832.151 | 97.95867 | -170.000 | 743187.175 | 1057002.064 | | | |
| 7 | klotoida | 30.000 | 743222.491 | 1056834.873 | 92.34143 | -71.414 | 743202.627 | 1056832.472 | 10.007 | 20.008 | -5.61723 |
| 26 | PT | .676896 | 743222.491 | 1056834.873 | 92.34143 | .000 | .000 | .000 | | | |
| 0 | tečna | 30.919 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 27 | TP | .707815 | 743253.186 | 1056838.584 | 92.34143 | .000 | .000 | .000 | | | |
| 8 | klotoida | 40.000 | 743253.186 | 1056838.584 | 92.34143 | 48.990 | 743279.816 | 1056841.803 | 26.824 | 13.476 | -21.22066 |
| 28 | PK | .747815 | 743291.929 | 1056847.709 | 71.12078 | -60.000 | 743265.635 | 1056901.640 | | | |
| 8 | kružnice | 3.105 | .000 | .000 | .00000 | .000 | 743293.324 | 1056848.389 | 1.553 | -.020 | -3.29420 |
| 29 | KT | .750920 | 743294.683 | 1056849.141 | 67.82658 | .000 | .000 | .000 | | | |
| 0 | tečna | 19.582 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 30 | TP | .770501 | 743311.817 | 1056858.621 | 67.82658 | .000 | .000 | .000 | | | |
| 9 | klotoida | 20.000 | 743311.817 | 1056858.621 | 67.82658 | 37.417 | 743323.496 | 1056865.083 | 13.348 | 6.680 | 9.09457 |
| 31 | PK | .790501 | 743329.741 | 1056867.452 | 76.92115 | 70.000 | 743354.566 | 1056802.002 | | | |
| 9 | kružnice | 16.339 | .000 | .000 | .00000 | .000 | 743337.415 | 1056870.363 | 8.207 | .479 | 14.85922 |
| 32 | KP | .806840 | 743345.553 | 1056871.419 | 91.78037 | 70.000 | 743354.566 | 1056802.002 | | | |
| 9 | klotoida | 30.000 | 743375.489 | 1056871.007 | 105.42222 | -45.826 | 743355.513 | 1056872.712 | 10.044 | 20.048 | 13.64185 |
| 33 | PT | .836840 | 743375.489 | 1056871.007 | 105.42222 | .000 | .000 | .000 | | | |
| 0 | tečna | 33.363 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 34 | TK | .870203 | 743408.731 | 1056868.169 | 105.42222 | -400.000 | 743442.758 | 1057266.719 | | | |
| 10 | kružnice | 40.484 | .000 | .000 | .00000 | .000 | 743428.916 | 1056866.445 | 20.259 | -.513 | -6.44319 |
| 35 | KT | .910686 | 743449.173 | 1056866.770 | 98.97902 | .000 | .000 | .000 | | | |
| 0 | tečna | 238.355 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 36 | TK | 1.149041 | 743687.497 | 1056870.593 | 98.97902 | 210.000 | 743690.865 | 1056660.620 | | | |
| 11 | kružnice | 30.639 | .000 | .000 | .00000 | .000 | 743702.842 | 1056870.839 | 15.347 | .560 | 9.28826 |
| 37 | KT | 1.179680 | 743718.059 | 1056868.851 | 108.26728 | .000 | .000 | .000 | | | |
| 0 | tečna | 32.355 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 38 | TK | 1.212034 | 743750.141 | 1056864.662 | 108.26728 | -150.000 | 743769.566 | 1057013.399 | | | |
| 12 | kružnice | 30.476 | .000 | .000 | .00000 | .000 | 743765.303 | 1056862.681 | 15.291 | -.777 | -12.93455 |
| 39 | KP | 1.242511 | 743780.553 | 1056863.801 | 95.33273 | -150.000 | 743769.566 | 1057013.399 | | | |
| 12 | klotoida | 45.000 | 743824.835 | 1056871.554 | 85.78343 | -82.158 | 743795.545 | 1056864.903 | 15.032 | 30.035 | -9.54930 |
| 40 | PT | 1.287511 | 743824.835 | 1056871.554 | 85.78343 | .000 | .000 | .000 | | | |
| 0 | tečna | 14.671 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 41 | TP | 1.302181 | 743839.141 | 1056874.803 | 85.78343 | .000 | .000 | .000 | | | |
| 13 | klotoida | 20.000 | 743839.141 | 1056874.803 | 85.78343 | 35.214 | 743852.161 | 1056877.760 | 13.352 | 6.683 | 10.26806 |
| 42 | PK | 1.322181 | 743858.831 | 1056878.174 | 96.05149 | 62.000 | 743862.674 | 1056816.294 | | | |
| 13 | kružnice | 31.933 | .000 | .000 | .00000 | .000 | 743875.129 | 1056879.186 | 16.329 | 2.114 | 32.78891 |
| 43 | KP | 1.354114 | 743889.811 | 1056872.039 | 128.84041 | 62.000 | 743862.674 | 1056816.294 | | | |
| 13 | klotoida | 10.000 | 743898.551 | 1056867.187 | 133.97444 | -24.900 | 743892.810 | 1056870.580 | 3.335 | 6.669 | 5.13403 |
| 44 | PT | 1.364114 | 743898.551 | 1056867.187 | 133.97444 | .000 | .000 | .000 | | | |
| 0 | tečna | 16.467 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 45 | TK | 1.380581 | 743912.728 | 1056858.811 | 133.97444 | 85.000 | 743869.489 | 1056785.630 | | | |
| 14 | kružnice | 3.866 | .000 | .000 | .00000 | .000 | 743914.393 | 1056857.827 | 1.934 | .022 | 2.89586 |
| 46 | KP | 1.384447 | 743916.011 | 1056856.769 | 136.87029 | 85.000 | 743869.489 | 1056785.630 | | | |
| 14 | klotoida | 41.000 | 743946.211 | 1056829.195 | 152.22406 | -59.034 | 743927.513 | 1056849.247 | 13.743 | 27.417 | 15.35377 |
| 47 | PT | 1.425447 | 743946.211 | 1056829.195 | 152.22406 | .000 | .000 | .000 | | | |
| 0 | tečna | 36.626 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 48 | TP | 1.462074 | 743971.189 | 1056802.407 | 152.22406 | .000 | .000 | .000 | | | |
| 15 | klotoida | 20.000 | 743971.189 | 1056802.407 | 152.22406 | 46.904 | 743980.286 | 1056792.652 | 13.339 | 6.672 | -5.78745 |
| 49 | PK | 1.482074 | 743985.260 | 1056788.205 | 146.43661 | -110.000 | 744058.569 | 1056870.217 | | | |
| 15 | kružnice | 82.280 | .000 | .000 | .00000 | .000 | 744017.447 | 1056759.434 | 43.172 | -8.169 | -47.61917 |
| 50 | KP | 1.564354 | 744060.612 | 1056760.235 | 98.81745 | -110.000 | 744058.569 | 1056870.217 | | | |
| 15 | klotoida | 33.000 | 744093.347 | 1056764.136 | 89.26815 | -60.249 | 744071.634 | 1056760.440 | 11.024 | 22.026 | -9.54930 |
| 51 | PT | 1.597354 | 744093.347 | 1056764.136 | 89.26815 | .000 | .000 | .000 | | | |
| 0 | tečna | 4.885 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 52 | TP | 1.602238 | 744098.163 | 1056764.955 | 89.26815 | .000 | .000 | .000 | | | |
| 16 | klotoida | 20.000 | 744098.163 | 1056764.955 | 89.26815 | 24.900 | 744111.380 | 1056767.205 | 13.407 | 6.733 | 20.53612 |
| 53 | PK | 1.622238 | 744118.033 | 1056766.172 | 109.80427 | 31.000 | 744113.278 | 1056735.539 | | | |
| 16 | kružnice | 14.136 | .000 | .000 | .00000 | .000 | 744125.141 | 1056765.068 | 7.193 | .824 | 29.02924 |
| 54 | KP | 1.636374 | 744131.037 | 1056760.948 | 138.83351 | 31.000 | 744113.278 | 1056735.539 | | | |
| 16 | klotoida | 34.000 | 744149.833 | 1056733.160 | 173.74492 | -32.465 | 744140.601 | 1056754.263 | 11.668 | 23.034 | 34.91141 |
| 55 | PT | 1.670374 | 744149.833 | 1056733.160 | 173.74492 | .000 | .000 | .000 | | | |
| 0 | tečna | 62.225 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 56 | TP | 1.732599 | 744174.775 | 1056676.152 | 173.74492 | .000 | .000 | .000 | | | |
| 17 | klotoida | 30.000 | 744174.775 | 1056676.152 | 173.74492 | 39.497 | 744182.826 | 1056657.749 | 20.088 | 10.080 | -18.36403 |

| | | | | | | | | | | |
|-------------|----------|------------|-------------|-----------|----------|------------|-------------|--------|--------|-----------|
| 57 PK | 1.762599 | 744189.327 | 1056650.045 | 155.38089 | -52.000 | 744229.069 | 1056683.579 | | | |
| 17 kružnice | 28.092 | .000 | .000 | .00000 | .000 | 744198.612 | 1056639.041 | 14.398 | -1.956 | -34.39183 |
| 58 KP | 1.790691 | 744212.234 | 1056634.380 | 120.98906 | -52.000 | 744229.069 | 1056683.579 | | | |
| 17 klotoida | 45.000 | 744256.823 | 1056632.550 | 93.44301 | -48.374 | 744226.684 | 1056629.435 | 15.273 | 30.300 | -27.54605 |
| 59 PT | 1.835691 | 744256.823 | 1056632.550 | 93.44301 | .000 | .000 | .000 | | | |
| 0 tečna | 21.838 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 60 TK | 1.857529 | 744278.545 | 1056634.795 | 93.44301 | -450.000 | 744232.278 | 1057082.411 | | | |
| 18 kružnice | 64.695 | .000 | .000 | .00000 | .000 | 744310.777 | 1056638.127 | 32.403 | -1.165 | -9.15242 |
| 61 KT | 1.922224 | 744342.198 | 1056646.042 | 84.29059 | .000 | .000 | .000 | | | |
| 0 tečna | 18.568 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 62 TK | 1.940791 | 744360.203 | 1056650.577 | 84.29059 | 350.000 | 744445.697 | 1056311.180 | | | |
| 19 kružnice | 61.550 | .000 | .000 | .00000 | .000 | 744390.123 | 1056658.114 | 30.854 | 1.357 | 11.19539 |
| 63 KT | 2.002341 | 744420.900 | 1056660.300 | 95.48597 | .000 | .000 | .000 | | | |
| 0 tečna | 19.605 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 64 TP | 2.021946 | 744440.456 | 1056661.689 | 95.48597 | .000 | .000 | .000 | | | |
| 20 klotoida | 30.000 | 744440.456 | 1056661.689 | 95.48597 | 116.190 | 744460.407 | 1056663.106 | 20.001 | 10.001 | 2.12207 |
| 65 PK | 2.051946 | 744470.401 | 1056663.482 | 97.60804 | 450.000 | 744487.304 | 1056213.799 | | | |
| 20 kružnice | 63.283 | .000 | .000 | .00000 | .000 | 744502.072 | 1056664.672 | 31.694 | 1.115 | 8.95269 |
| 66 KP | 2.115229 | 744533.597 | 1056661.412 | 106.56073 | 450.000 | 744487.304 | 1056213.799 | | | |
| 20 klotoida | 60.000 | 744592.934 | 1056652.596 | 110.80486 | -164.317 | 744553.500 | 1056659.353 | 20.008 | 40.009 | 4.24413 |
| 67 PT | 2.175229 | 744592.934 | 1056652.596 | 110.80486 | .000 | .000 | .000 | | | |
| 0 tečna | .447 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 68 TP | 2.175676 | 744593.375 | 1056652.520 | 110.80486 | .000 | .000 | .000 | | | |
| 21 klotoida | 30.000 | 744593.375 | 1056652.520 | 110.80486 | 91.652 | 744613.090 | 1056649.141 | 20.003 | 10.003 | -3.41046 |
| 69 PK | 2.205676 | 744623.026 | 1056647.982 | 107.39440 | -280.000 | 744655.475 | 1056926.096 | | | |
| 21 kružnice | 48.304 | .000 | .000 | .00000 | .000 | 744647.075 | 1056645.176 | 24.212 | -1.045 | -10.98262 |
| 70 KP | 2.253980 | 744671.248 | 1056646.540 | 96.41177 | -280.000 | 744655.475 | 1056926.096 | | | |
| 21 klotoida | 20.000 | 744691.183 | 1056648.142 | 94.13813 | -74.833 | 744677.905 | 1056646.916 | 6.667 | 13.334 | -2.27364 |
| 71 PT | 2.273980 | 744691.183 | 1056648.142 | 94.13813 | .000 | .000 | .000 | | | |
| 0 tečna | 47.115 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 72 TP | 2.321095 | 744738.098 | 1056652.474 | 94.13813 | .000 | .000 | .000 | | | |
| 22 klotoida | 40.000 | 744738.098 | 1056652.474 | 94.13813 | 97.980 | 744764.661 | 1056654.927 | 26.676 | 13.342 | 5.30516 |
| 73 PK | 2.361095 | 744778.003 | 1056655.043 | 99.44330 | 240.000 | 744780.102 | 1056415.053 | | | |
| 22 kružnice | 74.271 | .000 | .000 | .00000 | .000 | 744815.436 | 1056655.371 | 37.435 | 2.902 | 19.70101 |
| 74 KP | 2.435366 | 744851.191 | 1056644.282 | 119.14430 | 240.000 | 744780.102 | 1056415.053 | | | |
| 22 klotoida | 30.000 | 744879.445 | 1056634.212 | 123.12318 | -84.853 | 744860.746 | 1056641.319 | 10.004 | 20.004 | 3.97887 |
| 75 PT | 2.465366 | 744879.445 | 1056634.212 | 123.12318 | .000 | .000 | .000 | | | |
| 0 tečna | 111.464 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 76 TK | 2.576830 | 744983.637 | 1056594.611 | 123.12318 | 140.000 | 744933.897 | 1056463.745 | | | |
| 23 kružnice | 47.942 | .000 | .000 | .00000 | .000 | 745006.266 | 1056586.010 | 24.208 | 2.078 | 21.80060 |
| 77 KP | 2.624772 | 745024.692 | 1056570.310 | 144.92378 | 140.000 | 744933.897 | 1056463.745 | | | |
| 23 klotoida | 20.000 | 745039.278 | 1056556.633 | 149.47107 | -52.915 | 745029.769 | 1056565.984 | 6.670 | 13.337 | 4.54728 |
| 78 PT | 2.644772 | 745039.278 | 1056556.633 | 149.47107 | .000 | .000 | .000 | | | |
| 0 tečna | 20.684 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 79 TP | 2.665456 | 745054.025 | 1056542.129 | 149.47107 | .000 | .000 | .000 | | | |
| 24 klotoida | 78.000 | 745054.025 | 1056542.129 | 149.47107 | 100.698 | 745091.275 | 1056505.492 | 52.247 | 26.225 | 19.09859 |
| 80 PK | 2.743456 | 745103.703 | 1056482.399 | 168.56966 | 130.000 | 744989.227 | 1056420.793 | | | |
| 24 kružnice | 3.465 | .000 | .000 | .00000 | .000 | 745104.524 | 1056480.874 | 1.732 | .012 | 1.69672 |
| 81 KP | 2.746921 | 745105.304 | 1056479.327 | 170.26638 | 130.000 | 744989.227 | 1056420.793 | | | |
| 24 klotoida | 40.000 | 745119.548 | 1056441.994 | 180.06053 | -72.111 | 745111.321 | 1056467.394 | 13.363 | 26.700 | 9.79415 |
| 82 PT | 2.786921 | 745119.548 | 1056441.994 | 180.06053 | .000 | .000 | .000 | | | |
| 0 tečna | 1.415 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 83 TP | 2.788335 | 745119.983 | 1056440.648 | 180.06053 | .000 | .000 | .000 | | | |
| 25 klotoida | 24.000 | 745119.983 | 1056440.648 | 180.06053 | 40.988 | 745124.921 | 1056425.403 | 16.025 | 8.022 | -10.91348 |
| 84 PK | 2.812335 | 745128.658 | 1056418.304 | 169.14705 | -70.000 | 745190.597 | 1056450.916 | | | |
| 25 kružnice | 42.583 | .000 | .000 | .00000 | .000 | 745138.895 | 1056398.861 | 21.973 | -3.368 | -38.72735 |
| 85 KP | 2.854918 | 745158.408 | 1056388.757 | 130.41970 | -70.000 | 745190.597 | 1056450.916 | | | |
| 25 klotoida | 24.000 | 745180.810 | 1056380.234 | 119.50621 | -40.988 | 745165.532 | 1056385.068 | 8.022 | 16.025 | -10.91348 |
| 86 PT | 2.878918 | 745180.810 | 1056380.234 | 119.50621 | .000 | .000 | .000 | | | |
| 0 tečna | 162.240 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 87 TK | 3.041158 | 745335.493 | 1056331.297 | 119.50621 | 127.000 | 745297.186 | 1056210.212 | | | |
| 26 kružnice | 77.084 | .000 | .000 | .00000 | .000 | 745373.412 | 1056319.301 | 39.771 | 6.082 | 38.64031 |
| 88 KT | 3.118242 | 745397.715 | 1056287.820 | 158.14652 | .000 | .000 | .000 | | | |
| 0 tečna | 103.025 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 89 TK | 3.221267 | 745460.672 | 1056206.270 | 158.14652 | 170.000 | 745326.106 | 1056102.385 | | | |
| 27 kružnice | 60.783 | .000 | .000 | .00000 | .000 | 745479.444 | 1056181.953 | 30.720 | 2.753 | 22.76226 |
| 90 KT | 3.282050 | 745488.519 | 1056152.605 | 180.90879 | .000 | .000 | .000 | | | |
| 0 tečna | 25.133 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 91 TP | 3.307183 | 745495.944 | 1056128.594 | 180.90879 | .000 | .000 | .000 | | | |
| 28 klotoida | 30.000 | 745495.944 | 1056128.594 | 180.90879 | 51.962 | 745501.860 | 1056109.458 | 20.029 | 10.027 | -10.61033 |

| | | | | | | | | | | |
|-------------|----------|------------|-------------|-----------|---------|------------|-------------|--------|--------|-----------|
| 92 PK | 3.337183 | 745506.370 | 1056100.503 | 170.29846 | -90.000 | 745586.752 | 1056140.986 | | | |
| 28 kružnice | 49.013 | .000 | .000 | .00000 | .000 | 745517.674 | 1056078.059 | 25.131 | -3.443 | -34.66940 |
| 93 KP | 3.386195 | 745538.971 | 1056064.717 | 135.62906 | -90.000 | 745586.752 | 1056140.986 | | | |
| 28 klotoida | 30.000 | 745565.970 | 1056051.724 | 125.01873 | -51.962 | 745547.468 | 1056059.394 | 10.027 | 20.029 | -10.61033 |
| 94 PT | 3.416195 | 745565.970 | 1056051.724 | 125.01873 | .000 | .000 | .000 | | | |
| 0 tečna | 19.285 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 95 TP | 3.435481 | 745583.785 | 1056044.338 | 125.01873 | .000 | .000 | .000 | | | |
| 29 klotoida | 30.000 | 745583.785 | 1056044.338 | 125.01873 | 96.437 | 745602.263 | 1056036.678 | 20.002 | 10.002 | 3.08042 |
| 96 PK | 3.465481 | 745611.306 | 1056032.405 | 128.09915 | 310.000 | 745478.878 | 1055752.115 | | | |
| 29 kružnice | 57.709 | .000 | .000 | .00000 | .000 | 745637.471 | 1056020.043 | 28.938 | 1.348 | 11.85118 |
| 97 KT | 3.523190 | 745660.896 | 1056003.052 | 139.95033 | .000 | .000 | .000 | | | |
| 0 tečna | 156.132 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 98 TK | 3.679322 | 745787.281 | 1055911.379 | 139.95033 | 160.000 | 745693.336 | 1055781.863 | | | |
| 30 kružnice | 41.699 | .000 | .000 | .00000 | .000 | 745804.254 | 1055899.067 | 20.969 | 1.368 | 16.59166 |
| 99 KP | 3.721021 | 745817.482 | 1055882.797 | 156.54199 | 160.000 | 745693.336 | 1055781.863 | | | |
| 30 klotoida | 40.000 | 745840.029 | 1055849.791 | 164.49974 | -80.000 | 745825.906 | 1055872.436 | 13.353 | 26.689 | 7.95775 |
| 100 PT | 3.761021 | 745840.029 | 1055849.791 | 164.49974 | .000 | .000 | .000 | | | |
| 0 tečna | 82.658 | .000 | .000 | .00000 | .000 | .000 | .000 | .000 | .000 | .00000 |
| 101 TO | 3.843679 | 745883.770 | 1055779.655 | 164.49974 | .000 | .000 | .000 | | | |

| Údaje o podrobných bodech trasy | | | | | | |
|---------------------------------|---------|------------|-------------|-----------|----------|--|
| WB | STA | Y | X | sig | R | |
| ** OT | .000000 | 742569.412 | 1056850.818 | 100.98127 | .000 | |
| ** | .001000 | 742570.411 | 1056850.803 | 100.98127 | .000 | |
| ** | .002000 | 742571.411 | 1056850.787 | 100.98127 | .000 | |
| ** | .003000 | 742572.411 | 1056850.772 | 100.98127 | .000 | |
| ** | .004000 | 742573.411 | 1056850.756 | 100.98127 | .000 | |
| ** | .005000 | 742574.411 | 1056850.741 | 100.98127 | .000 | |
| ** | .006000 | 742575.411 | 1056850.726 | 100.98127 | .000 | |
| ** | .007000 | 742576.411 | 1056850.710 | 100.98127 | .000 | |
| ** | .008000 | 742577.411 | 1056850.695 | 100.98127 | .000 | |
| ** | .009000 | 742578.410 | 1056850.679 | 100.98127 | .000 | |
| ** | .010000 | 742579.410 | 1056850.664 | 100.98127 | .000 | |
| ** | .011000 | 742580.410 | 1056850.648 | 100.98127 | .000 | |
| ** | .012000 | 742581.410 | 1056850.633 | 100.98127 | .000 | |
| ** | .013000 | 742582.410 | 1056850.618 | 100.98127 | .000 | |
| ** | .014000 | 742583.410 | 1056850.602 | 100.98127 | .000 | |
| ** | .015000 | 742584.410 | 1056850.587 | 100.98127 | .000 | |
| ** | .016000 | 742585.410 | 1056850.571 | 100.98127 | .000 | |
| ** | .017000 | 742586.409 | 1056850.556 | 100.98127 | .000 | |
| ** | .018000 | 742587.409 | 1056850.541 | 100.98127 | .000 | |
| ** | .019000 | 742588.409 | 1056850.525 | 100.98127 | .000 | |
| ** TK | .019603 | 742589.012 | 1056850.516 | 100.98127 | -600.000 | |
| ** | .020000 | 742589.409 | 1056850.510 | 100.93913 | -600.000 | |
| ** | .021000 | 742590.409 | 1056850.496 | 100.83303 | -600.000 | |
| ** | .022000 | 742591.409 | 1056850.484 | 100.72692 | -600.000 | |
| ** | .023000 | 742592.409 | 1056850.473 | 100.62082 | -600.000 | |
| ** | .024000 | 742593.409 | 1056850.464 | 100.51472 | -600.000 | |
| ** | .025000 | 742594.409 | 1056850.457 | 100.40861 | -600.000 | |
| ** | .026000 | 742595.409 | 1056850.451 | 100.30251 | -600.000 | |
| ** | .027000 | 742596.409 | 1056850.447 | 100.19641 | -600.000 | |
| ** | .028000 | 742597.409 | 1056850.445 | 100.09030 | -600.000 | |
| ** | .029000 | 742598.409 | 1056850.445 | 99.98420 | -600.000 | |
| ** | .030000 | 742599.409 | 1056850.446 | 99.87810 | -600.000 | |
| ** | .031000 | 742600.409 | 1056850.448 | 99.77199 | -600.000 | |
| ** | .032000 | 742601.409 | 1056850.453 | 99.66589 | -600.000 | |
| ** | .033000 | 742602.409 | 1056850.459 | 99.55979 | -600.000 | |
| ** | .034000 | 742603.409 | 1056850.467 | 99.45368 | -600.000 | |
| ** | .035000 | 742604.409 | 1056850.476 | 99.34758 | -600.000 | |
| ** | .036000 | 742605.409 | 1056850.487 | 99.24148 | -600.000 | |
| ** | .037000 | 742606.409 | 1056850.500 | 99.13537 | -600.000 | |
| ** | .038000 | 742607.408 | 1056850.514 | 99.02927 | -600.000 | |
| ** | .039000 | 742608.408 | 1056850.530 | 98.92317 | -600.000 | |
| ** KT | .039691 | 742609.099 | 1056850.543 | 98.84985 | -600.000 | |
| ** | .040000 | 742609.408 | 1056850.548 | 98.84982 | .000 | |
| ** | .041000 | 742610.408 | 1056850.566 | 98.84982 | .000 | |
| ** | .042000 | 742611.408 | 1056850.584 | 98.84982 | .000 | |
| ** | .043000 | 742612.408 | 1056850.602 | 98.84982 | .000 | |
| ** | .044000 | 742613.408 | 1056850.620 | 98.84982 | .000 | |
| ** | .045000 | 742614.407 | 1056850.638 | 98.84982 | .000 | |
| ** | .046000 | 742615.407 | 1056850.656 | 98.84982 | .000 | |
| ** | .047000 | 742616.407 | 1056850.675 | 98.84982 | .000 | |
| ** | .048000 | 742617.407 | 1056850.693 | 98.84982 | .000 | |
| ** | .049000 | 742618.407 | 1056850.711 | 98.84982 | .000 | |
| ** | .050000 | 742619.407 | 1056850.729 | 98.84982 | .000 | |
| ** | .051000 | 742620.406 | 1056850.747 | 98.84982 | .000 | |
| ** | .052000 | 742621.406 | 1056850.765 | 98.84982 | .000 | |
| ** | .053000 | 742622.406 | 1056850.783 | 98.84982 | .000 | |
| ** | .054000 | 742623.406 | 1056850.801 | 98.84982 | .000 | |
| ** | .055000 | 742624.406 | 1056850.819 | 98.84982 | .000 | |
| ** | .056000 | 742625.406 | 1056850.837 | 98.84982 | .000 | |
| ** | .057000 | 742626.405 | 1056850.855 | 98.84982 | .000 | |
| ** | .058000 | 742627.405 | 1056850.873 | 98.84982 | .000 | |
| ** | .059000 | 742628.405 | 1056850.891 | 98.84982 | .000 | |
| ** | .060000 | 742629.405 | 1056850.909 | 98.84982 | .000 | |
| ** | .061000 | 742630.405 | 1056850.927 | 98.84982 | .000 | |
| ** | .062000 | 742631.405 | 1056850.946 | 98.84982 | .000 | |
| ** | .063000 | 742632.404 | 1056850.964 | 98.84982 | .000 | |
| ** | .064000 | 742633.404 | 1056850.982 | 98.84982 | .000 | |
| ** | .065000 | 742634.404 | 1056851.000 | 98.84982 | .000 | |
| ** | .066000 | 742635.404 | 1056851.018 | 98.84982 | .000 | |

| | | | | | | |
|----|----|---------|------------|-------------|----------|------------|
| ** | | .067000 | 742636.404 | 1056851.036 | 98.84982 | .000 |
| ** | | .068000 | 742637.404 | 1056851.054 | 98.84982 | .000 |
| ** | | .069000 | 742638.403 | 1056851.072 | 98.84982 | .000 |
| ** | | .070000 | 742639.403 | 1056851.090 | 98.84982 | .000 |
| ** | | .071000 | 742640.403 | 1056851.108 | 98.84982 | .000 |
| ** | | .072000 | 742641.403 | 1056851.126 | 98.84982 | .000 |
| ** | | .073000 | 742642.403 | 1056851.144 | 98.84982 | .000 |
| ** | | .074000 | 742643.403 | 1056851.162 | 98.84982 | .000 |
| ** | TP | .074438 | 742643.840 | 1056851.170 | 98.84982 | .000 |
| ** | | .075000 | 742644.402 | 1056851.180 | 98.84814 | -10670.692 |
| ** | | .076000 | 742645.402 | 1056851.199 | 98.83687 | -3840.522 |
| ** | | .077000 | 742646.402 | 1056851.217 | 98.81499 | -2341.657 |
| ** | | .078000 | 742647.402 | 1056851.236 | 98.78250 | -1684.311 |
| ** | | .079000 | 742648.402 | 1056851.255 | 98.73939 | -1315.130 |
| ** | | .080000 | 742649.402 | 1056851.276 | 98.68568 | -1078.693 |
| ** | | .081000 | 742650.401 | 1056851.297 | 98.62136 | -914.315 |
| ** | | .082000 | 742651.401 | 1056851.319 | 98.54642 | -793.411 |
| ** | | .083000 | 742652.401 | 1056851.342 | 98.46088 | -700.747 |
| ** | | .084000 | 742653.400 | 1056851.367 | 98.36473 | -627.465 |
| ** | | .085000 | 742654.400 | 1056851.394 | 98.25796 | -568.059 |
| ** | | .086000 | 742655.400 | 1056851.422 | 98.14059 | -518.928 |
| ** | | .087000 | 742656.399 | 1056851.452 | 98.01260 | -477.620 |
| ** | | .088000 | 742657.399 | 1056851.485 | 97.87401 | -442.403 |
| ** | | .089000 | 742658.398 | 1056851.519 | 97.72480 | -412.023 |
| ** | | .090000 | 742659.397 | 1056851.556 | 97.56499 | -385.547 |
| ** | | .091000 | 742660.397 | 1056851.596 | 97.39456 | -362.269 |
| ** | | .092000 | 742661.396 | 1056851.638 | 97.21352 | -341.641 |
| ** | | .093000 | 742662.395 | 1056851.683 | 97.02188 | -323.236 |
| ** | | .094000 | 742663.394 | 1056851.732 | 96.81962 | -306.713 |
| ** | | .095000 | 742664.392 | 1056851.783 | 96.60675 | -291.796 |
| ** | | .096000 | 742665.391 | 1056851.838 | 96.38327 | -278.264 |
| ** | | .097000 | 742666.389 | 1056851.897 | 96.14919 | -265.930 |
| ** | | .098000 | 742667.387 | 1056851.959 | 95.90449 | -254.644 |
| ** | | .099000 | 742668.385 | 1056852.025 | 95.64918 | -244.277 |
| ** | | .100000 | 742669.382 | 1056852.096 | 95.38326 | -234.721 |
| ** | | .101000 | 742670.380 | 1056852.170 | 95.10673 | -225.884 |
| ** | | .102000 | 742671.376 | 1056852.249 | 94.81959 | -217.689 |
| ** | | .103000 | 742672.373 | 1056852.333 | 94.52184 | -210.067 |
| ** | | .104000 | 742673.369 | 1056852.421 | 94.21348 | -202.961 |
| ** | PK | .104438 | 742673.805 | 1056852.461 | 94.07517 | -200.000 |
| ** | | .105000 | 742674.365 | 1056852.515 | 93.89619 | -200.000 |
| ** | | .106000 | 742675.360 | 1056852.613 | 93.57788 | -200.000 |
| ** | KP | .107000 | 742676.355 | 1056852.716 | 93.25957 | -200.000 |
| ** | | .107219 | 742676.572 | 1056852.739 | 93.18986 | -200.000 |
| ** | | .108000 | 742677.349 | 1056852.824 | 92.94449 | -205.344 |
| ** | | .109000 | 742678.342 | 1056852.937 | 92.63977 | -212.620 |
| ** | | .110000 | 742679.335 | 1056853.055 | 92.34566 | -220.432 |
| ** | | .111000 | 742680.328 | 1056853.177 | 92.06216 | -228.839 |
| ** | | .112000 | 742681.320 | 1056853.303 | 91.78927 | -237.913 |
| ** | | .113000 | 742682.311 | 1056853.434 | 91.52699 | -247.736 |
| ** | | .114000 | 742683.302 | 1056853.569 | 91.27532 | -258.406 |
| ** | | .115000 | 742684.292 | 1056853.707 | 91.03426 | -270.035 |
| ** | | .116000 | 742685.282 | 1056853.849 | 90.80381 | -282.761 |
| ** | | .117000 | 742686.272 | 1056853.995 | 90.58397 | -296.746 |
| ** | | .118000 | 742687.260 | 1056854.144 | 90.37474 | -312.186 |
| ** | | .119000 | 742688.249 | 1056854.296 | 90.17612 | -329.321 |
| ** | | .120000 | 742689.237 | 1056854.451 | 89.98812 | -348.446 |
| ** | | .121000 | 742690.224 | 1056854.609 | 89.81072 | -369.929 |
| ** | | .122000 | 742691.211 | 1056854.770 | 89.64393 | -394.236 |
| ** | | .123000 | 742692.198 | 1056854.933 | 89.48775 | -421.961 |
| ** | | .124000 | 742693.184 | 1056855.099 | 89.34219 | -453.881 |
| ** | | .125000 | 742694.170 | 1056855.267 | 89.20723 | -491.026 |
| ** | | .126000 | 742695.155 | 1056855.436 | 89.08289 | -534.792 |
| ** | | .127000 | 742696.140 | 1056855.608 | 88.96915 | -587.124 |
| ** | | .128000 | 742697.125 | 1056855.781 | 88.86603 | -650.808 |
| ** | | .129000 | 742698.110 | 1056855.956 | 88.77351 | -729.988 |
| ** | | .130000 | 742699.094 | 1056856.132 | 88.69161 | -831.104 |
| ** | | .131000 | 742700.079 | 1056856.309 | 88.62031 | -964.737 |
| ** | | .132000 | 742701.063 | 1056856.487 | 88.55963 | -1149.577 |
| ** | | .133000 | 742702.046 | 1056856.667 | 88.50956 | -1422.032 |
| ** | | .134000 | 742703.030 | 1056856.846 | 88.47009 | -1863.752 |
| ** | | .135000 | 742704.014 | 1056857.027 | 88.44124 | -2703.539 |
| ** | | .136000 | 742704.997 | 1056857.207 | 88.42300 | -4920.803 |
| ** | PT | .137000 | 742705.981 | 1056857.388 | 88.41536 | -27358.122 |
| ** | | .137219 | 742706.196 | 1056857.428 | 88.41511 | .000 |
| ** | | .138000 | 742706.964 | 1056857.569 | 88.41511 | .000 |
| ** | | .139000 | 742707.948 | 1056857.750 | 88.41511 | .000 |
| ** | | .140000 | 742708.931 | 1056857.931 | 88.41511 | .000 |
| ** | | .141000 | 742709.915 | 1056858.112 | 88.41511 | .000 |
| ** | | .142000 | 742710.898 | 1056858.293 | 88.41511 | .000 |
| ** | | .143000 | 742711.882 | 1056858.474 | 88.41511 | .000 |
| ** | | .144000 | 742712.865 | 1056858.655 | 88.41511 | .000 |
| ** | | .145000 | 742713.849 | 1056858.836 | 88.41511 | .000 |
| ** | | .146000 | 742714.832 | 1056859.017 | 88.41511 | .000 |
| ** | | .147000 | 742715.816 | 1056859.198 | 88.41511 | .000 |
| ** | | .148000 | 742716.799 | 1056859.379 | 88.41511 | .000 |
| ** | | .149000 | 742717.783 | 1056859.560 | 88.41511 | .000 |
| ** | | .150000 | 742718.766 | 1056859.741 | 88.41511 | .000 |
| ** | | .151000 | 742719.749 | 1056859.922 | 88.41511 | .000 |
| ** | | .152000 | 742720.733 | 1056860.103 | 88.41511 | .000 |
| ** | | .153000 | 742721.716 | 1056860.284 | 88.41511 | .000 |
| ** | | .154000 | 742722.700 | 1056860.465 | 88.41511 | .000 |
| ** | | .155000 | 742723.683 | 1056860.646 | 88.41511 | .000 |
| ** | | .156000 | 742724.667 | 1056860.827 | 88.41511 | .000 |
| ** | | .157000 | 742725.650 | 1056861.008 | 88.41511 | .000 |
| ** | | .158000 | 742726.634 | 1056861.189 | 88.41511 | .000 |
| ** | TP | .158080 | 742726.713 | 1056861.203 | 88.41511 | .000 |
| ** | | .159000 | 742727.617 | 1056861.370 | 88.42109 | 4893.554 |
| ** | | .160000 | 742728.601 | 1056861.550 | 88.44117 | 2344.266 |
| ** | | .161000 | 742729.585 | 1056861.731 | 88.47540 | 1541.319 |
| ** | | .162000 | 742730.568 | 1056861.910 | 88.52378 | 1148.083 |
| ** | | .163000 | 742731.552 | 1056862.089 | 88.58631 | 914.713 |
| ** | | .164000 | 742732.536 | 1056862.267 | 88.66298 | 760.189 |
| ** | | .165000 | 742733.521 | 1056862.444 | 88.75380 | 650.329 |

| | | | | | | |
|----|--|---------|------------|-------------|-----------|-----------|
| ** | | .166000 | 742734.505 | 1056862.618 | 88.85876 | 568.212 |
| ** | | .167000 | 742735.490 | 1056862.792 | 88.97787 | 504.508 |
| ** | | .168000 | 742736.475 | 1056862.963 | 89.11113 | 453.648 |
| ** | | .169000 | 742737.461 | 1056863.132 | 89.25854 | 412.104 |
| ** | | .170000 | 742738.447 | 1056863.299 | 89.42009 | 377.530 |
| ** | | .171000 | 742739.433 | 1056863.463 | 89.59579 | 348.309 |
| ** | | .172000 | 742740.420 | 1056863.624 | 89.78564 | 323.286 |
| ** | | .173000 | 742741.408 | 1056863.782 | 89.98964 | 301.617 |
| ** | | .174000 | 742742.396 | 1056863.937 | 90.20778 | 282.671 |
| ** | | .175000 | 742743.384 | 1056864.089 | 90.44007 | 265.964 |
| ** | | .176000 | 742744.373 | 1056864.236 | 90.68651 | 251.122 |
| ** | | .177000 | 742745.363 | 1056864.380 | 90.94709 | 237.849 |
| ** | | .178000 | 742746.353 | 1056864.520 | 91.22182 | 225.908 |
| ** | | .179000 | 742747.344 | 1056864.655 | 91.51070 | 215.110 |
| ** | | .180000 | 742748.335 | 1056864.785 | 91.81372 | 205.296 |
| ** | | .181000 | 742749.327 | 1056864.911 | 92.13090 | 196.339 |
| ** | | .182000 | 742750.320 | 1056865.032 | 92.46222 | 188.130 |
| ** | | .183000 | 742751.313 | 1056865.147 | 92.80768 | 180.581 |
| ** | | .184000 | 742752.307 | 1056865.257 | 93.16730 | 173.614 |
| ** | | .185000 | 742753.302 | 1056865.362 | 93.54106 | 167.165 |
| ** | | .186000 | 742754.297 | 1056865.460 | 93.92896 | 161.177 |
| ** | | .187000 | 742755.293 | 1056865.552 | 94.33102 | 155.604 |
| ** | | .188000 | 742756.289 | 1056865.638 | 94.74722 | 150.403 |
| PK | | .188080 | 742756.369 | 1056865.644 | 94.78113 | 150.002 |
| ** | | .189000 | 742757.286 | 1056865.717 | 95.17159 | 150.000 |
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| ** | | .191000 | 742759.281 | 1056865.855 | 96.02041 | 150.000 |
| ** | | .192000 | 742760.279 | 1056865.914 | 96.44483 | 150.000 |
| ** | | .193000 | 742761.278 | 1056865.967 | 96.86924 | 150.000 |
| ** | | .194000 | 742762.277 | 1056866.012 | 97.29365 | 150.000 |
| ** | | .195000 | 742763.276 | 1056866.052 | 97.71807 | 150.000 |
| ** | | .196000 | 742764.275 | 1056866.084 | 98.14248 | 150.000 |
| ** | | .197000 | 742765.275 | 1056866.110 | 98.56689 | 150.000 |
| ** | | .198000 | 742766.275 | 1056866.129 | 98.99131 | 150.000 |
| ** | | .199000 | 742767.275 | 1056866.142 | 99.41572 | 150.000 |
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| KP | | .203339 | 742771.614 | 1056866.119 | 101.25725 | 150.000 |
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| ** | | .205000 | 742773.274 | 1056866.077 | 101.94268 | 158.792 |
| ** | | .206000 | 742774.274 | 1056866.043 | 102.33653 | 164.600 |
| ** | | .207000 | 742775.273 | 1056866.004 | 102.71622 | 170.849 |
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| ** | | .209000 | 742777.270 | 1056865.907 | 103.43317 | 184.888 |
| ** | | .210000 | 742778.269 | 1056865.850 | 103.77042 | 192.810 |
| ** | | .211000 | 742779.267 | 1056865.789 | 104.09353 | 201.441 |
| ** | | .212000 | 742780.265 | 1056865.722 | 104.40249 | 210.881 |
| ** | | .213000 | 742781.262 | 1056865.650 | 104.69730 | 221.249 |
| ** | | .214000 | 742782.259 | 1056865.575 | 104.97797 | 232.690 |
| ** | | .215000 | 742783.256 | 1056865.494 | 105.24448 | 245.378 |
| ** | | .216000 | 742784.252 | 1056865.410 | 105.49685 | 259.530 |
| ** | | .217000 | 742785.249 | 1056865.322 | 105.73508 | 275.414 |
| ** | | .218000 | 742786.244 | 1056865.230 | 105.95916 | 293.369 |
| ** | | .219000 | 742787.240 | 1056865.135 | 106.16908 | 313.828 |
| ** | | .220000 | 742788.235 | 1056865.037 | 106.36487 | 337.355 |
| ** | | .221000 | 742789.230 | 1056864.935 | 106.54650 | 364.696 |
| ** | | .222000 | 742790.224 | 1056864.832 | 106.71399 | 396.859 |
| ** | | .223000 | 742791.219 | 1056864.725 | 106.86733 | 435.243 |
| ** | | .224000 | 742792.213 | 1056864.616 | 107.00653 | 481.848 |
| ** | | .225000 | 742793.207 | 1056864.505 | 107.13157 | 539.630 |
| ** | | .226000 | 742794.200 | 1056864.393 | 107.24247 | 613.159 |
| ** | | .227000 | 742795.194 | 1056864.278 | 107.33923 | 709.886 |
| ** | | .228000 | 742796.187 | 1056864.163 | 107.42183 | 842.847 |
| ** | | .229000 | 742797.180 | 1056864.046 | 107.49029 | 1037.094 |
| ** | | .230000 | 742798.173 | 1056863.928 | 107.54460 | 1347.691 |
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| ** | | .232000 | 742800.159 | 1056863.690 | 107.61078 | 3360.603 |
| ** | | .233000 | 742801.152 | 1056863.571 | 107.62265 | 13272.552 |
| PT | | .233339 | 742801.488 | 1056863.531 | 107.62347 | .000 |
| ** | | .234000 | 742802.145 | 1056863.452 | 107.62347 | .000 |
| ** | | .235000 | 742803.137 | 1056863.332 | 107.62347 | .000 |
| ** | | .236000 | 742804.130 | 1056863.213 | 107.62347 | .000 |
| ** | | .237000 | 742805.123 | 1056863.093 | 107.62347 | .000 |
| TP | | .237904 | 742806.021 | 1056862.985 | 107.62347 | .000 |
| ** | | .238000 | 742806.116 | 1056862.974 | 107.62359 | 25128.433 |
| ** | | .239000 | 742807.109 | 1056862.854 | 107.63938 | 2190.762 |
| ** | | .240000 | 742808.102 | 1056862.734 | 107.68170 | 1145.306 |
| ** | | .241000 | 742809.094 | 1056862.613 | 107.75055 | 775.317 |
| ** | | .242000 | 742810.087 | 1056862.491 | 107.84593 | 586.008 |
| ** | | .243000 | 742811.079 | 1056862.367 | 107.96783 | 471.003 |
| ** | | .244000 | 742812.071 | 1056862.241 | 108.11625 | 393.732 |
| ** | | .245000 | 742813.063 | 1056862.113 | 108.29120 | 338.242 |
| ** | | .246000 | 742814.054 | 1056861.981 | 108.49268 | 296.461 |
| ** | | .247000 | 742815.045 | 1056861.847 | 108.72068 | 263.866 |
| ** | | .248000 | 742816.035 | 1056861.708 | 108.97521 | 237.729 |
| ** | | .249000 | 742817.025 | 1056861.566 | 109.25627 | 216.304 |
| ** | | .250000 | 742818.014 | 1056861.418 | 109.56385 | 198.421 |
| ** | | .251000 | 742819.003 | 1056861.266 | 109.89795 | 183.269 |
| ** | | .252000 | 742819.990 | 1056861.108 | 110.25859 | 170.267 |
| ** | | .253000 | 742820.977 | 1056860.945 | 110.64574 | 158.988 |
| ** | | .254000 | 742821.962 | 1056860.775 | 111.05943 | 149.110 |
| ** | | .255000 | 742822.947 | 1056860.599 | 111.49964 | 140.388 |
| ** | | .256000 | 742823.930 | 1056860.416 | 111.96637 | 132.630 |
| ** | | .257000 | 742824.911 | 1056860.225 | 112.45963 | 125.684 |
| ** | | .258000 | 742825.891 | 1056860.027 | 112.97942 | 119.430 |
| ** | | .259000 | 742826.870 | 1056859.820 | 113.52573 | 113.768 |
| ** | | .260000 | 742827.846 | 1056859.605 | 114.09857 | 108.619 |
| ** | | .261000 | 742828.821 | 1056859.381 | 114.69794 | 103.916 |
| ** | | .262000 | 742829.793 | 1056859.147 | 115.32383 | 99.604 |
| ** | | .263000 | 742830.763 | 1056858.904 | 115.97624 | 95.635 |
| ** | | .264000 | 742831.731 | 1056858.651 | 116.65518 | 91.970 |
| ** | | .265000 | 742832.695 | 1056858.387 | 117.36065 | 88.576 |

| | | | | | | |
|----|--|---------|------------|-------------|-----------|-----------|
| ** | | .266000 | 742833.657 | 1056858.112 | 118.09265 | 85.423 |
| ** | | .267000 | 742834.615 | 1056857.826 | 118.85117 | 82.487 |
| ** | | .268000 | 742835.569 | 1056857.528 | 119.63621 | 79.746 |
| ** | | .269000 | 742836.520 | 1056857.218 | 120.44778 | 77.182 |
| ** | | .270000 | 742837.467 | 1056856.896 | 121.28588 | 74.777 |
| ** | | .271000 | 742838.409 | 1056856.562 | 122.15050 | 72.517 |
| ** | | .272000 | 742839.347 | 1056856.214 | 123.04165 | 70.391 |
| ** | | .273000 | 742840.280 | 1056855.854 | 123.95932 | 68.385 |
| ** | | .274000 | 742841.207 | 1056855.479 | 124.90352 | 66.490 |
| ** | | .275000 | 742842.128 | 1056855.091 | 125.87425 | 64.698 |
| ** | | .276000 | 742843.044 | 1056854.689 | 126.87150 | 63.000 |
| ** | | .277000 | 742843.953 | 1056854.272 | 127.89528 | 61.388 |
| PK | | .277904 | 742844.769 | 1056853.882 | 128.84360 | 60.001 |
| ** | | .278000 | 742844.855 | 1056853.840 | 128.94546 | 60.000 |
| ** | | .279000 | 742845.750 | 1056853.393 | 130.00650 | 60.000 |
| ** | | .280000 | 742846.637 | 1056852.932 | 131.06753 | 60.000 |
| ** | | .281000 | 742847.516 | 1056852.456 | 132.12856 | 60.000 |
| ** | | .282000 | 742848.387 | 1056851.965 | 133.18959 | 60.000 |
| ** | | .283000 | 742849.250 | 1056851.459 | 134.25063 | 60.000 |
| ** | | .284000 | 742850.105 | 1056850.940 | 135.31166 | 60.000 |
| ** | | .285000 | 742850.950 | 1056850.406 | 136.37269 | 60.000 |
| ** | | .286000 | 742851.787 | 1056849.858 | 137.43373 | 60.000 |
| ** | | .287000 | 742852.614 | 1056849.297 | 138.49476 | 60.000 |
| ** | | .288000 | 742853.432 | 1056848.722 | 139.55579 | 60.000 |
| ** | | .289000 | 742854.240 | 1056848.133 | 140.61683 | 60.000 |
| ** | | .290000 | 742855.039 | 1056847.530 | 141.67786 | 60.000 |
| ** | | .291000 | 742855.827 | 1056846.915 | 142.73889 | 60.000 |
| KT | | .291556 | 742856.260 | 1056846.567 | 143.32841 | .000 |
| ** | | .292000 | 742856.606 | 1056846.288 | 143.32841 | .000 |
| ** | | .293000 | 742857.383 | 1056845.658 | 143.32841 | .000 |
| ** | | .294000 | 742858.160 | 1056845.029 | 143.32841 | .000 |
| ** | | .295000 | 742858.937 | 1056844.400 | 143.32841 | .000 |
| ** | | .296000 | 742859.714 | 1056843.771 | 143.32841 | .000 |
| ** | | .297000 | 742860.492 | 1056843.141 | 143.32841 | .000 |
| ** | | .298000 | 742861.269 | 1056842.512 | 143.32841 | .000 |
| ** | | .299000 | 742862.046 | 1056841.883 | 143.32841 | .000 |
| ** | | .300000 | 742862.823 | 1056841.254 | 143.32841 | .000 |
| ** | | .301000 | 742863.600 | 1056840.624 | 143.32841 | .000 |
| ** | | .302000 | 742864.378 | 1056839.995 | 143.32841 | .000 |
| ** | | .303000 | 742865.155 | 1056839.366 | 143.32841 | .000 |
| ** | | .304000 | 742865.932 | 1056838.737 | 143.32841 | .000 |
| ** | | .305000 | 742866.709 | 1056838.107 | 143.32841 | .000 |
| ** | | .306000 | 742867.486 | 1056837.478 | 143.32841 | .000 |
| ** | | .307000 | 742868.264 | 1056836.849 | 143.32841 | .000 |
| ** | | .308000 | 742869.041 | 1056836.219 | 143.32841 | .000 |
| ** | | .309000 | 742869.818 | 1056835.590 | 143.32841 | .000 |
| ** | | .310000 | 742870.595 | 1056834.961 | 143.32841 | .000 |
| ** | | .311000 | 742871.372 | 1056834.332 | 143.32841 | .000 |
| ** | | .312000 | 742872.150 | 1056833.702 | 143.32841 | .000 |
| ** | | .313000 | 742872.927 | 1056833.073 | 143.32841 | .000 |
| ** | | .314000 | 742873.704 | 1056832.444 | 143.32841 | .000 |
| TP | | .314559 | 742874.138 | 1056832.092 | 143.32841 | .000 |
| ** | | .315000 | 742874.481 | 1056831.815 | 143.32560 | -4986.678 |
| ** | | .316000 | 742875.258 | 1056831.186 | 143.29836 | -1526.532 |
| ** | | .317000 | 742876.036 | 1056830.557 | 143.24219 | -901.205 |
| ** | | .318000 | 742876.815 | 1056829.929 | 143.15708 | -639.316 |
| ** | | .319000 | 742877.594 | 1056829.303 | 143.04303 | -495.364 |
| ** | | .320000 | 742878.375 | 1056828.678 | 142.90005 | -404.324 |
| ** | | .321000 | 742879.157 | 1056828.055 | 142.72813 | -341.553 |
| ** | | .322000 | 742879.941 | 1056827.434 | 142.52727 | -295.652 |
| ** | | .323000 | 742880.727 | 1056826.816 | 142.29747 | -260.627 |
| ** | | .324000 | 742881.516 | 1056826.201 | 142.03874 | -233.022 |
| ** | | .325000 | 742882.307 | 1056825.589 | 141.75107 | -210.704 |
| ** | | .326000 | 742883.101 | 1056824.982 | 141.43446 | -192.288 |
| ** | | .327000 | 742883.898 | 1056824.378 | 141.08892 | -176.832 |
| ** | | .328000 | 742884.699 | 1056823.779 | 140.71443 | -163.676 |
| ** | | .329000 | 742885.503 | 1056823.184 | 140.31101 | -152.342 |
| ** | | .330000 | 742886.311 | 1056822.595 | 139.87866 | -142.476 |
| ** | | .331000 | 742887.123 | 1056822.012 | 139.41736 | -133.810 |
| ** | | .332000 | 742887.940 | 1056821.435 | 138.92713 | -126.138 |
| ** | | .333000 | 742888.761 | 1056820.864 | 138.40796 | -119.298 |
| ** | | .334000 | 742889.587 | 1056820.300 | 137.85986 | -113.162 |
| ** | | .335000 | 742890.418 | 1056819.744 | 137.28281 | -107.626 |
| ** | | .336000 | 742891.254 | 1056819.195 | 136.67683 | -102.606 |
| ** | | .337000 | 742892.095 | 1056818.654 | 136.04192 | -98.034 |
| ** | | .338000 | 742892.942 | 1056818.122 | 135.37806 | -93.852 |
| ** | | .339000 | 742893.794 | 1056817.599 | 134.68527 | -90.012 |
| ** | | .340000 | 742894.652 | 1056817.086 | 133.96354 | -86.474 |
| ** | | .341000 | 742895.516 | 1056816.582 | 133.21287 | -83.204 |
| ** | | .342000 | 742896.386 | 1056816.089 | 132.43327 | -80.171 |
| ** | | .343000 | 742897.262 | 1056815.607 | 131.62473 | -77.353 |
| ** | | .344000 | 742898.144 | 1056815.136 | 130.78725 | -74.725 |
| ** | | .345000 | 742899.033 | 1056814.677 | 129.92083 | -72.271 |
| ** | | .346000 | 742899.927 | 1056814.231 | 129.02548 | -69.972 |
| ** | | .347000 | 742900.828 | 1056813.797 | 128.10119 | -67.815 |
| ** | | .348000 | 742901.736 | 1056813.376 | 127.14796 | -65.787 |
| ** | | .349000 | 742902.649 | 1056812.970 | 126.16580 | -63.877 |
| ** | | .350000 | 742903.569 | 1056812.577 | 125.15470 | -62.075 |
| ** | | .351000 | 742904.495 | 1056812.200 | 124.11466 | -60.371 |
| ** | | .352000 | 742905.427 | 1056811.838 | 123.04568 | -58.759 |
| ** | | .353000 | 742906.366 | 1056811.492 | 121.94777 | -57.230 |
| ** | | .354000 | 742907.310 | 1056811.162 | 120.82092 | -55.779 |
| PK | | .354559 | 742907.840 | 1056810.985 | 120.17860 | -55.000 |
| ** | | .355000 | 742908.259 | 1056810.850 | 119.66794 | -55.000 |
| ** | | .356000 | 742909.215 | 1056810.554 | 118.51045 | -55.000 |
| ** | | .357000 | 742910.175 | 1056810.276 | 117.35296 | -55.000 |
| ** | | .358000 | 742911.141 | 1056810.016 | 116.19547 | -55.000 |
| ** | | .359000 | 742912.111 | 1056809.773 | 115.03798 | -55.000 |
| ** | | .360000 | 742913.085 | 1056809.548 | 113.88049 | -55.000 |
| ** | | .361000 | 742914.063 | 1056809.340 | 112.72300 | -55.000 |
| ** | | .362000 | 742915.045 | 1056809.151 | 111.56551 | -55.000 |
| ** | | .363000 | 742916.030 | 1056808.979 | 110.40802 | -55.000 |
| ** | | .364000 | 742917.019 | 1056808.825 | 109.25053 | -55.000 |
| ** | | .365000 | 742918.009 | 1056808.689 | 108.09304 | -55.000 |

| | | | | | | |
|----|--|---------|------------|-------------|-----------|-----------|
| ** | | .366000 | 742919.002 | 1056808.572 | 106.93555 | -55.000 |
| ** | | .367000 | 742919.997 | 1056808.472 | 105.77806 | -55.000 |
| ** | | .368000 | 742920.994 | 1056808.390 | 104.62057 | -55.000 |
| ** | | .369000 | 742921.992 | 1056808.327 | 103.46308 | -55.000 |
| ** | | .370000 | 742922.991 | 1056808.282 | 102.30559 | -55.000 |
| ** | | .371000 | 742923.990 | 1056808.255 | 101.14810 | -55.000 |
| ** | | .372000 | 742924.990 | 1056808.246 | 99.99061 | -55.000 |
| ** | | .373000 | 742925.990 | 1056808.255 | 98.83312 | -55.000 |
| ** | | .374000 | 742926.990 | 1056808.282 | 97.67563 | -55.000 |
| ** | | .375000 | 742927.989 | 1056808.328 | 96.51814 | -55.000 |
| ** | | .376000 | 742928.987 | 1056808.392 | 95.36064 | -55.000 |
| ** | | .377000 | 742929.984 | 1056808.474 | 94.20315 | -55.000 |
| ** | | .378000 | 742930.979 | 1056808.573 | 93.04566 | -55.000 |
| ** | | .379000 | 742931.971 | 1056808.692 | 91.88817 | -55.000 |
| ** | | .380000 | 742932.962 | 1056808.828 | 90.73068 | -55.000 |
| KP | | .380920 | 742933.871 | 1056808.969 | 89.66591 | -55.000 |
| ** | | .381000 | 742933.950 | 1056808.982 | 89.57338 | -55.221 |
| ** | | .382000 | 742934.935 | 1056809.154 | 88.44946 | -58.140 |
| ** | | .383000 | 742935.917 | 1056809.342 | 87.38342 | -61.384 |
| ** | | .384000 | 742936.896 | 1056809.547 | 86.37525 | -65.012 |
| ** | | .385000 | 742937.872 | 1056809.767 | 85.42496 | -69.096 |
| ** | | .386000 | 742938.844 | 1056810.001 | 84.53254 | -73.727 |
| ** | | .387000 | 742939.813 | 1056810.248 | 83.69799 | -79.024 |
| ** | | .388000 | 742940.779 | 1056810.507 | 82.92132 | -85.140 |
| ** | | .389000 | 742941.741 | 1056810.777 | 82.20253 | -92.283 |
| ** | | .390000 | 742942.701 | 1056811.058 | 81.54160 | -100.734 |
| ** | | .391000 | 742943.658 | 1056811.349 | 80.93856 | -110.888 |
| ** | | .392000 | 742944.612 | 1056811.648 | 80.39339 | -123.320 |
| ** | | .393000 | 742945.564 | 1056811.955 | 79.90609 | -138.891 |
| ** | | .394000 | 742946.514 | 1056812.269 | 79.47667 | -158.962 |
| ** | | .395000 | 742947.461 | 1056812.588 | 79.10512 | -185.814 |
| ** | | .396000 | 742948.407 | 1056812.913 | 78.79144 | -223.582 |
| ** | | .397000 | 742949.351 | 1056813.242 | 78.53564 | -280.620 |
| ** | | .398000 | 742950.294 | 1056813.574 | 78.33772 | -376.726 |
| ** | | .399000 | 742951.237 | 1056813.909 | 78.19767 | -572.947 |
| ** | | .400000 | 742952.178 | 1056814.246 | 78.11549 | -1195.786 |
| PT | | .400920 | 742953.044 | 1056814.556 | 78.09101 | .000 |
| ** | | .401000 | 742953.120 | 1056814.583 | 78.09101 | .000 |
| ** | | .402000 | 742954.061 | 1056814.920 | 78.09101 | .000 |
| ** | | .403000 | 742955.002 | 1056815.258 | 78.09101 | .000 |
| ** | | .404000 | 742955.944 | 1056815.595 | 78.09101 | .000 |
| ** | | .405000 | 742956.885 | 1056815.933 | 78.09101 | .000 |
| ** | | .406000 | 742957.827 | 1056816.270 | 78.09101 | .000 |
| ** | | .407000 | 742958.768 | 1056816.607 | 78.09101 | .000 |
| ** | | .408000 | 742959.709 | 1056816.945 | 78.09101 | .000 |
| ** | | .409000 | 742960.651 | 1056817.282 | 78.09101 | .000 |
| ** | | .410000 | 742961.592 | 1056817.619 | 78.09101 | .000 |
| ** | | .411000 | 742962.533 | 1056817.957 | 78.09101 | .000 |
| ** | | .412000 | 742963.475 | 1056818.294 | 78.09101 | .000 |
| ** | | .413000 | 742964.416 | 1056818.632 | 78.09101 | .000 |
| ** | | .414000 | 742965.357 | 1056818.969 | 78.09101 | .000 |
| ** | | .415000 | 742966.299 | 1056819.306 | 78.09101 | .000 |
| ** | | .416000 | 742967.240 | 1056819.644 | 78.09101 | .000 |
| ** | | .417000 | 742968.182 | 1056819.981 | 78.09101 | .000 |
| ** | | .418000 | 742969.123 | 1056820.319 | 78.09101 | .000 |
| ** | | .419000 | 742970.064 | 1056820.656 | 78.09101 | .000 |
| ** | | .420000 | 742971.006 | 1056820.993 | 78.09101 | .000 |
| ** | | .421000 | 742971.947 | 1056821.331 | 78.09101 | .000 |
| ** | | .422000 | 742972.888 | 1056821.668 | 78.09101 | .000 |
| ** | | .423000 | 742973.830 | 1056822.006 | 78.09101 | .000 |
| ** | | .424000 | 742974.771 | 1056822.343 | 78.09101 | .000 |
| ** | | .425000 | 742975.712 | 1056822.680 | 78.09101 | .000 |
| ** | | .426000 | 742976.654 | 1056823.018 | 78.09101 | .000 |
| ** | | .427000 | 742977.595 | 1056823.355 | 78.09101 | .000 |
| ** | | .428000 | 742978.537 | 1056823.693 | 78.09101 | .000 |
| ** | | .429000 | 742979.478 | 1056824.030 | 78.09101 | .000 |
| ** | | .430000 | 742980.419 | 1056824.367 | 78.09101 | .000 |
| ** | | .431000 | 742981.361 | 1056824.705 | 78.09101 | .000 |
| ** | | .432000 | 742982.302 | 1056825.042 | 78.09101 | .000 |
| ** | | .433000 | 742983.243 | 1056825.380 | 78.09101 | .000 |
| ** | | .434000 | 742984.185 | 1056825.717 | 78.09101 | .000 |
| ** | | .435000 | 742985.126 | 1056826.054 | 78.09101 | .000 |
| ** | | .436000 | 742986.067 | 1056826.392 | 78.09101 | .000 |
| ** | | .437000 | 742987.009 | 1056826.729 | 78.09101 | .000 |
| ** | | .438000 | 742987.950 | 1056827.066 | 78.09101 | .000 |
| ** | | .439000 | 742988.892 | 1056827.404 | 78.09101 | .000 |
| ** | | .440000 | 742989.833 | 1056827.741 | 78.09101 | .000 |
| ** | | .441000 | 742990.774 | 1056828.079 | 78.09101 | .000 |
| ** | | .442000 | 742991.716 | 1056828.416 | 78.09101 | .000 |
| ** | | .443000 | 742992.657 | 1056828.753 | 78.09101 | .000 |
| ** | | .444000 | 742993.598 | 1056829.091 | 78.09101 | .000 |
| ** | | .445000 | 742994.540 | 1056829.428 | 78.09101 | .000 |
| ** | | .446000 | 742995.481 | 1056829.766 | 78.09101 | .000 |
| ** | | .447000 | 742996.422 | 1056830.103 | 78.09101 | .000 |
| ** | | .448000 | 742997.364 | 1056830.440 | 78.09101 | .000 |
| ** | | .449000 | 742998.305 | 1056830.778 | 78.09101 | .000 |
| ** | | .450000 | 742999.247 | 1056831.115 | 78.09101 | .000 |
| ** | | .451000 | 743000.188 | 1056831.453 | 78.09101 | .000 |
| ** | | .452000 | 743001.129 | 1056831.790 | 78.09101 | .000 |
| ** | | .453000 | 743002.071 | 1056832.127 | 78.09101 | .000 |
| ** | | .454000 | 743003.012 | 1056832.465 | 78.09101 | .000 |
| ** | | .455000 | 743003.953 | 1056832.802 | 78.09101 | .000 |
| ** | | .456000 | 743004.895 | 1056833.140 | 78.09101 | .000 |
| ** | | .457000 | 743005.836 | 1056833.477 | 78.09101 | .000 |
| ** | | .458000 | 743006.777 | 1056833.814 | 78.09101 | .000 |
| ** | | .459000 | 743007.719 | 1056834.152 | 78.09101 | .000 |
| ** | | .460000 | 743008.660 | 1056834.489 | 78.09101 | .000 |
| ** | | .461000 | 743009.602 | 1056834.827 | 78.09101 | .000 |
| ** | | .462000 | 743010.543 | 1056835.164 | 78.09101 | .000 |
| ** | | .463000 | 743011.484 | 1056835.501 | 78.09101 | .000 |
| ** | | .464000 | 743012.426 | 1056835.839 | 78.09101 | .000 |
| ** | | .465000 | 743013.367 | 1056836.176 | 78.09101 | .000 |
| ** | | .466000 | 743014.308 | 1056836.513 | 78.09101 | .000 |
| ** | | .467000 | 743015.250 | 1056836.851 | 78.09101 | .000 |

| | | | | | |
|----|---------|------------|-------------|-----------|----------|
| ** | .468000 | 743016.191 | 1056837.188 | 78.09101 | .000 |
| ** | .469000 | 743017.132 | 1056837.526 | 78.09101 | .000 |
| ** | .470000 | 743018.074 | 1056837.863 | 78.09101 | .000 |
| ** | .471000 | 743019.015 | 1056838.200 | 78.09101 | .000 |
| ** | .472000 | 743019.957 | 1056838.538 | 78.09101 | .000 |
| ** | .473000 | 743020.898 | 1056838.875 | 78.09101 | .000 |
| ** | .474000 | 743021.839 | 1056839.213 | 78.09101 | .000 |
| TP | .474696 | 743022.494 | 1056839.447 | 78.09101 | .000 |
| ** | .475000 | 743022.781 | 1056839.550 | 78.09284 | 5264.375 |
| ** | .476000 | 743023.722 | 1056839.887 | 78.12483 | 1227.060 |
| ** | .477000 | 743024.664 | 1056840.224 | 78.19661 | 694.466 |
| ** | .478000 | 743025.606 | 1056840.559 | 78.30817 | 484.272 |
| ** | .479000 | 743026.549 | 1056840.892 | 78.45953 | 371.753 |
| ** | .480000 | 743027.493 | 1056841.222 | 78.65067 | 301.663 |
| ** | .481000 | 743028.438 | 1056841.550 | 78.88160 | 253.810 |
| ** | .482000 | 743029.384 | 1056841.873 | 79.15232 | 219.060 |
| ** | .483000 | 743030.331 | 1056842.193 | 79.46283 | 192.680 |
| ** | .484000 | 743031.281 | 1056842.507 | 79.81312 | 171.970 |
| ** | .485000 | 743032.232 | 1056842.816 | 80.20321 | 155.281 |
| ** | .486000 | 743033.185 | 1056843.119 | 80.63308 | 141.544 |
| ** | .487000 | 743034.140 | 1056843.415 | 81.10275 | 130.040 |
| ** | .488000 | 743035.097 | 1056843.704 | 81.61220 | 120.265 |
| ** | .489000 | 743036.057 | 1056843.985 | 82.16144 | 111.857 |
| ** | .490000 | 743037.019 | 1056844.257 | 82.75047 | 104.548 |
| ** | .491000 | 743037.984 | 1056844.520 | 83.37929 | 98.136 |
| ** | .492000 | 743038.952 | 1056844.773 | 84.04790 | 92.465 |
| ** | .493000 | 743039.922 | 1056845.015 | 84.75629 | 87.413 |
| ** | .494000 | 743040.895 | 1056845.247 | 85.50448 | 82.885 |
| PK | .494696 | 743041.573 | 1056845.401 | 86.04870 | 80.000 |
| ** | .495000 | 743041.870 | 1056845.467 | 86.29061 | 80.000 |
| ** | .496000 | 743042.848 | 1056845.674 | 87.08639 | 80.000 |
| ** | .497000 | 743043.829 | 1056845.870 | 87.88216 | 80.000 |
| ** | .498000 | 743044.812 | 1056846.053 | 88.67794 | 80.000 |
| ** | .499000 | 743045.797 | 1056846.223 | 89.47371 | 80.000 |
| ** | .500000 | 743046.785 | 1056846.382 | 90.26949 | 80.000 |
| ** | .501000 | 743047.774 | 1056846.528 | 91.06526 | 80.000 |
| ** | .502000 | 743048.765 | 1056846.662 | 91.86104 | 80.000 |
| ** | .503000 | 743049.758 | 1056846.783 | 92.65681 | 80.000 |
| ** | .504000 | 743050.752 | 1056846.892 | 93.45258 | 80.000 |
| ** | .505000 | 743051.747 | 1056846.988 | 94.24836 | 80.000 |
| ** | .506000 | 743052.744 | 1056847.072 | 95.04413 | 80.000 |
| ** | .507000 | 743053.741 | 1056847.144 | 95.83991 | 80.000 |
| ** | .508000 | 743054.739 | 1056847.203 | 96.63568 | 80.000 |
| KP | .508722 | 743055.460 | 1056847.238 | 97.21023 | 80.000 |
| ** | .509000 | 743055.738 | 1056847.249 | 97.43043 | 80.748 |
| ** | .510000 | 743056.738 | 1056847.284 | 98.20558 | 83.559 |
| ** | .511000 | 743057.737 | 1056847.306 | 98.95420 | 86.573 |
| ** | .512000 | 743058.737 | 1056847.317 | 99.67629 | 89.813 |
| ** | .513000 | 743059.737 | 1056847.316 | 100.37186 | 93.304 |
| ** | .514000 | 743060.737 | 1056847.305 | 101.04090 | 97.079 |
| ** | .515000 | 743061.737 | 1056847.284 | 101.68341 | 101.171 |
| ** | .516000 | 743062.736 | 1056847.252 | 102.29940 | 105.623 |
| ** | .517000 | 743063.736 | 1056847.212 | 102.88886 | 110.486 |
| ** | .518000 | 743064.734 | 1056847.162 | 103.45180 | 115.818 |
| ** | .519000 | 743065.733 | 1056847.103 | 103.98821 | 121.690 |
| ** | .520000 | 743066.730 | 1056847.037 | 104.49810 | 128.190 |
| ** | .521000 | 743067.728 | 1056846.962 | 104.98146 | 135.423 |
| ** | .522000 | 743068.724 | 1056846.880 | 105.43829 | 143.521 |
| ** | .523000 | 743069.720 | 1056846.792 | 105.86860 | 152.650 |
| ** | .524000 | 743070.716 | 1056846.697 | 106.27238 | 163.019 |
| ** | .525000 | 743071.711 | 1056846.595 | 106.64964 | 174.899 |
| ** | .526000 | 743072.705 | 1056846.488 | 107.00037 | 188.646 |
| ** | .527000 | 743073.699 | 1056846.376 | 107.32458 | 204.739 |
| ** | .528000 | 743074.692 | 1056846.259 | 107.62226 | 223.834 |
| ** | .529000 | 743075.684 | 1056846.137 | 107.89341 | 246.857 |
| ** | .530000 | 743076.676 | 1056846.011 | 108.13804 | 275.159 |
| ** | .531000 | 743077.668 | 1056845.882 | 108.35614 | 310.791 |
| ** | .532000 | 743078.659 | 1056845.750 | 108.54771 | 357.024 |
| ** | .533000 | 743079.650 | 1056845.615 | 108.71276 | 419.416 |
| ** | .534000 | 743080.640 | 1056845.477 | 108.85129 | 508.233 |
| ** | .535000 | 743081.631 | 1056845.338 | 108.96329 | 644.773 |
| ** | .536000 | 743082.621 | 1056845.197 | 109.04876 | 881.626 |
| ** | .537000 | 743083.611 | 1056845.054 | 109.10771 | 1393.532 |
| ** | .538000 | 743084.600 | 1056844.912 | 109.14013 | 3322.985 |
| PT | .538722 | 743085.315 | 1056844.808 | 109.14705 | .000 |
| ** | .539000 | 743085.590 | 1056844.768 | 109.14705 | .000 |
| ** | .540000 | 743086.580 | 1056844.625 | 109.14705 | .000 |
| ** | .541000 | 743087.569 | 1056844.482 | 109.14705 | .000 |
| ** | .542000 | 743088.559 | 1056844.339 | 109.14705 | .000 |
| ** | .543000 | 743089.549 | 1056844.196 | 109.14705 | .000 |
| ** | .544000 | 743090.538 | 1056844.052 | 109.14705 | .000 |
| ** | .545000 | 743091.528 | 1056843.909 | 109.14705 | .000 |
| ** | .546000 | 743092.518 | 1056843.766 | 109.14705 | .000 |
| ** | .547000 | 743093.508 | 1056843.623 | 109.14705 | .000 |
| ** | .548000 | 743094.497 | 1056843.480 | 109.14705 | .000 |
| ** | .549000 | 743095.487 | 1056843.337 | 109.14705 | .000 |
| ** | .550000 | 743096.477 | 1056843.193 | 109.14705 | .000 |
| ** | .551000 | 743097.466 | 1056843.050 | 109.14705 | .000 |
| ** | .552000 | 743098.456 | 1056842.907 | 109.14705 | .000 |
| ** | .553000 | 743099.446 | 1056842.764 | 109.14705 | .000 |
| ** | .554000 | 743100.435 | 1056842.621 | 109.14705 | .000 |
| ** | .555000 | 743101.425 | 1056842.477 | 109.14705 | .000 |
| ** | .556000 | 743102.415 | 1056842.334 | 109.14705 | .000 |
| ** | .557000 | 743103.404 | 1056842.191 | 109.14705 | .000 |
| ** | .558000 | 743104.394 | 1056842.048 | 109.14705 | .000 |
| ** | .559000 | 743105.384 | 1056841.905 | 109.14705 | .000 |
| ** | .560000 | 743106.374 | 1056841.761 | 109.14705 | .000 |
| ** | .561000 | 743107.363 | 1056841.618 | 109.14705 | .000 |
| ** | .562000 | 743108.353 | 1056841.475 | 109.14705 | .000 |
| ** | .563000 | 743109.343 | 1056841.332 | 109.14705 | .000 |
| ** | .564000 | 743110.332 | 1056841.189 | 109.14705 | .000 |
| ** | .565000 | 743111.322 | 1056841.046 | 109.14705 | .000 |
| ** | .566000 | 743112.312 | 1056840.902 | 109.14705 | .000 |
| ** | .567000 | 743113.301 | 1056840.759 | 109.14705 | .000 |

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|----|---------|------------|-------------|-----------|-----------|
| ** | .568000 | 743114.291 | 1056840.616 | 109.14705 | .000 |
| ** | .569000 | 743115.281 | 1056840.473 | 109.14705 | .000 |
| ** | .570000 | 743116.271 | 1056840.330 | 109.14705 | .000 |
| ** | .571000 | 743117.260 | 1056840.186 | 109.14705 | .000 |
| ** | .572000 | 743118.250 | 1056840.043 | 109.14705 | .000 |
| ** | .573000 | 743119.240 | 1056839.900 | 109.14705 | .000 |
| ** | .574000 | 743120.229 | 1056839.757 | 109.14705 | .000 |
| ** | .575000 | 743121.219 | 1056839.614 | 109.14705 | .000 |
| ** | .576000 | 743122.209 | 1056839.470 | 109.14705 | .000 |
| ** | .577000 | 743123.198 | 1056839.327 | 109.14705 | .000 |
| ** | .578000 | 743124.188 | 1056839.184 | 109.14705 | .000 |
| ** | .579000 | 743125.178 | 1056839.041 | 109.14705 | .000 |
| ** | .580000 | 743126.167 | 1056838.898 | 109.14705 | .000 |
| ** | .581000 | 743127.157 | 1056838.755 | 109.14705 | .000 |
| ** | .582000 | 743128.147 | 1056838.611 | 109.14705 | .000 |
| ** | .583000 | 743129.137 | 1056838.468 | 109.14705 | .000 |
| ** | .584000 | 743130.126 | 1056838.325 | 109.14705 | .000 |
| ** | .585000 | 743131.116 | 1056838.182 | 109.14705 | .000 |
| ** | .586000 | 743132.106 | 1056838.039 | 109.14705 | .000 |
| ** | .587000 | 743133.095 | 1056837.895 | 109.14705 | .000 |
| ** | .588000 | 743134.085 | 1056837.752 | 109.14705 | .000 |
| ** | .589000 | 743135.075 | 1056837.609 | 109.14705 | .000 |
| ** | .590000 | 743136.064 | 1056837.466 | 109.14705 | .000 |
| ** | .591000 | 743137.054 | 1056837.323 | 109.14705 | .000 |
| ** | .592000 | 743138.044 | 1056837.179 | 109.14705 | .000 |
| ** | .593000 | 743139.034 | 1056837.036 | 109.14705 | .000 |
| ** | .594000 | 743140.023 | 1056836.893 | 109.14705 | .000 |
| ** | .595000 | 743141.013 | 1056836.750 | 109.14705 | .000 |
| ** | .596000 | 743142.003 | 1056836.607 | 109.14705 | .000 |
| ** | .597000 | 743142.992 | 1056836.464 | 109.14705 | .000 |
| ** | .598000 | 743143.982 | 1056836.320 | 109.14705 | .000 |
| ** | .599000 | 743144.972 | 1056836.177 | 109.14705 | .000 |
| ** | .600000 | 743145.961 | 1056836.034 | 109.14705 | .000 |
| ** | .601000 | 743146.951 | 1056835.891 | 109.14705 | .000 |
| ** | .602000 | 743147.941 | 1056835.748 | 109.14705 | .000 |
| TP | .602019 | 743147.960 | 1056835.745 | 109.14705 | .000 |
| ** | .603000 | 743148.930 | 1056835.604 | 109.14104 | -5200.245 |
| ** | .604000 | 743149.920 | 1056835.461 | 109.12256 | -2574.817 |
| ** | .605000 | 743150.910 | 1056835.319 | 109.09159 | -1710.994 |
| ** | .606000 | 743151.900 | 1056835.177 | 109.04814 | -1281.174 |
| ** | .607000 | 743152.890 | 1056835.036 | 108.99221 | -1023.948 |
| ** | .608000 | 743153.880 | 1056834.895 | 108.92380 | -852.740 |
| ** | .609000 | 743154.870 | 1056834.756 | 108.84290 | -730.583 |
| ** | .610000 | 743155.861 | 1056834.619 | 108.74952 | -639.040 |
| ** | .611000 | 743156.851 | 1056834.482 | 108.64366 | -567.883 |
| ** | .612000 | 743157.842 | 1056834.348 | 108.52531 | -510.985 |
| ** | .613000 | 743158.833 | 1056834.215 | 108.39449 | -464.450 |
| ** | .614000 | 743159.825 | 1056834.085 | 108.25117 | -425.684 |
| ** | .615000 | 743160.817 | 1056833.957 | 108.09538 | -392.890 |
| ** | .616000 | 743161.809 | 1056833.831 | 107.92710 | -364.788 |
| ** | .617000 | 743162.801 | 1056833.709 | 107.74635 | -340.438 |
| ** | .618000 | 743163.794 | 1056833.589 | 107.55310 | -319.134 |
| ** | .619000 | 743164.787 | 1056833.472 | 107.34738 | -300.341 |
| ** | .620000 | 743165.781 | 1056833.358 | 107.12917 | -283.637 |
| ** | .621000 | 743166.775 | 1056833.249 | 106.89848 | -268.694 |
| ** | .622000 | 743167.769 | 1056833.142 | 106.65531 | -255.246 |
| ** | .623000 | 743168.764 | 1056833.040 | 106.39965 | -243.080 |
| ** | .624000 | 743169.759 | 1056832.942 | 106.13151 | -232.021 |
| ** | .625000 | 743170.754 | 1056832.848 | 105.85089 | -221.925 |
| ** | .626000 | 743171.750 | 1056832.758 | 105.55779 | -212.671 |
| ** | .627000 | 743172.747 | 1056832.673 | 105.25220 | -204.157 |
| ** | .628000 | 743173.744 | 1056832.593 | 104.93413 | -196.299 |
| ** | .629000 | 743174.741 | 1056832.519 | 104.60358 | -189.024 |
| ** | .630000 | 743175.738 | 1056832.449 | 104.26055 | -182.268 |
| ** | .631000 | 743176.736 | 1056832.385 | 103.90503 | -175.979 |
| ** | .632000 | 743177.735 | 1056832.326 | 103.53703 | -170.109 |
| PK | .632019 | 743177.754 | 1056832.325 | 103.52992 | -170.002 |
| ** | .633000 | 743178.733 | 1056832.274 | 103.16255 | -170.000 |
| ** | .634000 | 743179.732 | 1056832.227 | 102.78807 | -170.000 |
| ** | .635000 | 743180.731 | 1056832.186 | 102.41359 | -170.000 |
| ** | .636000 | 743181.731 | 1056832.151 | 102.03910 | -170.000 |
| ** | .637000 | 743182.730 | 1056832.122 | 101.66462 | -170.000 |
| ** | .638000 | 743183.730 | 1056832.099 | 101.29014 | -170.000 |
| ** | .639000 | 743184.730 | 1056832.082 | 100.91566 | -170.000 |
| ** | .640000 | 743185.730 | 1056832.070 | 100.54117 | -170.000 |
| ** | .641000 | 743186.730 | 1056832.065 | 100.16669 | -170.000 |
| ** | .642000 | 743187.730 | 1056832.065 | 99.79221 | -170.000 |
| ** | .643000 | 743188.730 | 1056832.071 | 99.41773 | -170.000 |
| ** | .644000 | 743189.730 | 1056832.083 | 99.04325 | -170.000 |
| ** | .645000 | 743190.730 | 1056832.101 | 98.66876 | -170.000 |
| ** | .646000 | 743191.729 | 1056832.125 | 98.29428 | -170.000 |
| KP | .646896 | 743192.625 | 1056832.151 | 97.95874 | -170.000 |
| ** | .647000 | 743192.729 | 1056832.155 | 97.91987 | -170.590 |
| ** | .648000 | 743193.728 | 1056832.190 | 97.55292 | -176.494 |
| ** | .649000 | 743194.727 | 1056832.232 | 97.19846 | -182.821 |
| ** | .650000 | 743195.726 | 1056832.278 | 96.85648 | -189.618 |
| ** | .651000 | 743196.725 | 1056832.330 | 96.52698 | -196.940 |
| ** | .652000 | 743197.723 | 1056832.387 | 96.20997 | -204.850 |
| ** | .653000 | 743198.721 | 1056832.449 | 95.90544 | -213.423 |
| ** | .654000 | 743199.719 | 1056832.516 | 95.61339 | -222.744 |
| ** | .655000 | 743200.717 | 1056832.587 | 95.33382 | -232.917 |
| ** | .656000 | 743201.714 | 1056832.662 | 95.06674 | -244.063 |
| ** | .657000 | 743202.711 | 1056832.742 | 94.81214 | -256.330 |
| ** | .658000 | 743203.707 | 1056832.825 | 94.57002 | -269.895 |
| ** | .659000 | 743204.703 | 1056832.912 | 94.34038 | -284.977 |
| ** | .660000 | 743205.699 | 1056833.002 | 94.12323 | -301.843 |
| ** | .661000 | 743206.695 | 1056833.096 | 93.91856 | -320.831 |
| ** | .662000 | 743207.690 | 1056833.193 | 93.72638 | -342.369 |
| ** | .663000 | 743208.685 | 1056833.293 | 93.54667 | -367.007 |
| ** | .664000 | 743209.680 | 1056833.395 | 93.37945 | -395.465 |
| ** | .665000 | 743210.674 | 1056833.500 | 93.22471 | -428.708 |
| ** | .666000 | 743211.668 | 1056833.608 | 93.08246 | -468.053 |
| ** | .667000 | 743212.662 | 1056833.717 | 92.95268 | -515.349 |
| ** | .668000 | 743213.656 | 1056833.829 | 92.83539 | -573.278 |

| | | | | | | |
|----|--|---------|------------|-------------|----------|------------|
| ** | | .669000 | 743214.650 | 1056833.942 | 92.73058 | -645.880 |
| ** | | .670000 | 743215.643 | 1056834.057 | 92.63826 | -739.537 |
| ** | | .671000 | 743216.636 | 1056834.173 | 92.55842 | -864.963 |
| ** | | .672000 | 743217.630 | 1056834.290 | 92.49106 | -1041.623 |
| ** | | .673000 | 743218.623 | 1056834.408 | 92.43618 | -1308.966 |
| ** | | .674000 | 743219.616 | 1056834.527 | 92.39379 | -1760.925 |
| ** | | .675000 | 743220.608 | 1056834.646 | 92.36388 | -2689.581 |
| ** | | .676000 | 743221.601 | 1056834.766 | 92.34645 | -5690.656 |
| PT | | .676896 | 743222.491 | 1056834.873 | 92.34143 | .000 |
| ** | | .677000 | 743222.594 | 1056834.886 | 92.34143 | .000 |
| ** | | .678000 | 743223.587 | 1056835.006 | 92.34143 | .000 |
| ** | | .679000 | 743224.579 | 1056835.126 | 92.34143 | .000 |
| ** | | .680000 | 743225.572 | 1056835.246 | 92.34143 | .000 |
| ** | | .681000 | 743226.565 | 1056835.366 | 92.34143 | .000 |
| ** | | .682000 | 743227.558 | 1056835.486 | 92.34143 | .000 |
| ** | | .683000 | 743228.551 | 1056835.606 | 92.34143 | .000 |
| ** | | .684000 | 743229.543 | 1056835.726 | 92.34143 | .000 |
| ** | | .685000 | 743230.536 | 1056835.846 | 92.34143 | .000 |
| ** | | .686000 | 743231.529 | 1056835.966 | 92.34143 | .000 |
| ** | | .687000 | 743232.522 | 1056836.086 | 92.34143 | .000 |
| ** | | .688000 | 743233.514 | 1056836.206 | 92.34143 | .000 |
| ** | | .689000 | 743234.507 | 1056836.326 | 92.34143 | .000 |
| ** | | .690000 | 743235.500 | 1056836.446 | 92.34143 | .000 |
| ** | | .691000 | 743236.493 | 1056836.566 | 92.34143 | .000 |
| ** | | .692000 | 743237.486 | 1056836.686 | 92.34143 | .000 |
| ** | | .693000 | 743238.478 | 1056836.806 | 92.34143 | .000 |
| ** | | .694000 | 743239.471 | 1056836.926 | 92.34143 | .000 |
| ** | | .695000 | 743240.464 | 1056837.046 | 92.34143 | .000 |
| ** | | .696000 | 743241.457 | 1056837.166 | 92.34143 | .000 |
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| ** | | .698000 | 743243.442 | 1056837.406 | 92.34143 | .000 |
| ** | | .699000 | 743244.435 | 1056837.526 | 92.34143 | .000 |
| ** | | .700000 | 743245.428 | 1056837.646 | 92.34143 | .000 |
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| ** | | .702000 | 743247.413 | 1056837.886 | 92.34143 | .000 |
| ** | | .703000 | 743248.406 | 1056838.006 | 92.34143 | .000 |
| ** | | .704000 | 743249.399 | 1056838.126 | 92.34143 | .000 |
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| ** | | .706000 | 743251.384 | 1056838.366 | 92.34143 | .000 |
| TP | | .707000 | 743252.377 | 1056838.486 | 92.34143 | .000 |
| ** | | .707815 | 743253.186 | 1056838.584 | 92.34143 | .000 |
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| ** | | .709000 | 743254.363 | 1056838.726 | 92.32280 | -2024.992 |
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| ** | | .712000 | 743257.340 | 1056839.091 | 92.10912 | -573.451 |
| ** | | .713000 | 743258.333 | 1056839.216 | 91.98485 | -462.857 |
| ** | | .714000 | 743259.324 | 1056839.343 | 91.83404 | -388.024 |
| ** | | .715000 | 743260.316 | 1056839.472 | 91.65671 | -334.020 |
| ** | | .716000 | 743261.307 | 1056839.604 | 91.45285 | -293.213 |
| ** | | .717000 | 743262.298 | 1056839.740 | 91.22247 | -261.290 |
| ** | | .718000 | 743263.288 | 1056839.879 | 90.96557 | -235.636 |
| ** | | .719000 | 743264.278 | 1056840.023 | 90.68213 | -214.569 |
| ** | | .720000 | 743265.267 | 1056840.171 | 90.37217 | -196.960 |
| ** | | .721000 | 743266.255 | 1056840.324 | 90.03569 | -182.022 |
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| ** | | .723000 | 743268.229 | 1056840.647 | 89.28314 | -158.049 |
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| ** | | .725000 | 743270.198 | 1056840.995 | 88.42449 | -139.655 |
| ** | | .726000 | 743271.181 | 1056841.180 | 87.95537 | -131.976 |
| ** | | .727000 | 743272.163 | 1056841.372 | 87.45973 | -125.096 |
| ** | | .728000 | 743273.142 | 1056841.571 | 86.93757 | -118.899 |
| ** | | .729000 | 743274.121 | 1056841.779 | 86.38888 | -113.287 |
| ** | | .730000 | 743275.097 | 1056841.996 | 85.81366 | -108.180 |
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| ** | | .739000 | 743283.767 | 1056844.396 | 79.44304 | -76.960 |
| ** | | .740000 | 743284.713 | 1056844.720 | 78.60256 | -74.568 |
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| ** | | .744000 | 743288.451 | 1056846.144 | 74.97540 | -66.325 |
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| KT | | .750920 | 743294.683 | 1056849.141 | 67.82658 | .000 |
| ** | | .751000 | 743294.753 | 1056849.180 | 67.82658 | .000 |
| ** | | .752000 | 743295.628 | 1056849.664 | 67.82658 | .000 |
| ** | | .753000 | 743296.503 | 1056850.148 | 67.82658 | .000 |
| ** | | .754000 | 743297.378 | 1056850.632 | 67.82658 | .000 |
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| ** | | .757000 | 743300.003 | 1056852.085 | 67.82658 | .000 |
| ** | | .758000 | 743300.878 | 1056852.569 | 67.82658 | .000 |
| ** | | .759000 | 743301.753 | 1056853.053 | 67.82658 | .000 |
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| ** | | .762000 | 743304.378 | 1056854.505 | 67.82658 | .000 |
| ** | | .763000 | 743305.253 | 1056854.990 | 67.82658 | .000 |
| ** | | .764000 | 743306.128 | 1056855.474 | 67.82658 | .000 |
| ** | | .765000 | 743307.003 | 1056855.958 | 67.82658 | .000 |
| ** | | .766000 | 743307.878 | 1056856.442 | 67.82658 | .000 |
| ** | | .767000 | 743308.753 | 1056856.926 | 67.82658 | .000 |
| ** | | .768000 | 743309.628 | 1056857.410 | 67.82658 | .000 |

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|----|--|---------|------------|-------------|-----------|----------|
| ** | | .769000 | 743310.503 | 1056857.894 | 67.82658 | .000 |
| ** | | .770000 | 743311.378 | 1056858.379 | 67.82658 | .000 |
| TP | | .770501 | 743311.817 | 1056858.621 | 67.82658 | .000 |
| ** | | .771000 | 743312.253 | 1056858.863 | 67.83223 | 2807.272 |
| ** | | .772000 | 743313.128 | 1056859.347 | 67.87765 | 934.140 |
| ** | | .773000 | 743314.004 | 1056859.829 | 67.96854 | 560.290 |
| ** | | .774000 | 743314.881 | 1056860.311 | 68.10490 | 400.148 |
| ** | | .775000 | 743315.758 | 1056860.790 | 68.28673 | 311.201 |
| ** | | .776000 | 743316.638 | 1056861.266 | 68.51403 | 254.605 |
| ** | | .777000 | 743317.519 | 1056861.739 | 68.78681 | 215.428 |
| ** | | .778000 | 743318.402 | 1056862.208 | 69.10506 | 186.699 |
| ** | | .779000 | 743319.288 | 1056862.672 | 69.46879 | 164.731 |
| ** | | .780000 | 743320.177 | 1056863.130 | 69.87798 | 147.389 |
| ** | | .781000 | 743321.068 | 1056863.583 | 70.33265 | 133.350 |
| ** | | .782000 | 743321.964 | 1056864.029 | 70.83279 | 121.753 |
| ** | | .783000 | 743322.862 | 1056864.467 | 71.37841 | 112.012 |
| ** | | .784000 | 743323.765 | 1056864.898 | 71.96950 | 103.714 |
| ** | | .785000 | 743324.672 | 1056865.319 | 72.60606 | 96.560 |
| ** | | .786000 | 743325.583 | 1056865.732 | 73.28809 | 90.330 |
| ** | | .787000 | 743326.498 | 1056866.134 | 74.01560 | 84.855 |
| ** | | .788000 | 743327.418 | 1056866.525 | 74.78858 | 80.006 |
| ** | | .789000 | 743328.343 | 1056866.905 | 75.60703 | 75.681 |
| ** | | .790000 | 743329.273 | 1056867.273 | 76.47096 | 71.800 |
| PK | | .790501 | 743329.741 | 1056867.452 | 76.92088 | 70.001 |
| ** | | .791000 | 743330.208 | 1056867.627 | 77.37470 | 70.000 |
| ** | | .792000 | 743331.148 | 1056867.969 | 78.28416 | 70.000 |
| ** | | .793000 | 743332.093 | 1056868.296 | 79.19361 | 70.000 |
| ** | | .794000 | 743333.042 | 1056868.611 | 80.10307 | 70.000 |
| ** | | .795000 | 743333.996 | 1056868.911 | 81.01253 | 70.000 |
| ** | | .796000 | 743334.954 | 1056869.198 | 81.92198 | 70.000 |
| ** | | .797000 | 743335.916 | 1056869.472 | 82.83144 | 70.000 |
| ** | | .798000 | 743336.882 | 1056869.731 | 83.74090 | 70.000 |
| ** | | .799000 | 743337.851 | 1056869.977 | 84.65035 | 70.000 |
| ** | | .800000 | 743338.824 | 1056870.209 | 85.55981 | 70.000 |
| ** | | .801000 | 743339.800 | 1056870.427 | 86.46927 | 70.000 |
| ** | | .802000 | 743340.779 | 1056870.631 | 87.37872 | 70.000 |
| ** | | .803000 | 743341.761 | 1056870.821 | 88.28818 | 70.000 |
| ** | | .804000 | 743342.745 | 1056870.997 | 89.19764 | 70.000 |
| ** | | .805000 | 743343.732 | 1056871.158 | 90.10709 | 70.000 |
| ** | | .806000 | 743344.721 | 1056871.306 | 91.01655 | 70.000 |
| KP | | .806840 | 743345.553 | 1056871.419 | 91.78036 | 70.000 |
| ** | | .807000 | 743345.712 | 1056871.440 | 91.92562 | 70.376 |
| ** | | .808000 | 743346.705 | 1056871.559 | 92.81506 | 72.816 |
| ** | | .809000 | 743347.699 | 1056871.665 | 93.67419 | 75.431 |
| ** | | .810000 | 743348.695 | 1056871.758 | 94.50301 | 78.242 |
| ** | | .811000 | 743349.691 | 1056871.838 | 95.30151 | 81.270 |
| ** | | .812000 | 743350.689 | 1056871.905 | 96.06969 | 84.542 |
| ** | | .813000 | 743351.688 | 1056871.961 | 96.80756 | 88.088 |
| ** | | .814000 | 743352.687 | 1056872.006 | 97.51511 | 91.945 |
| ** | | .815000 | 743353.686 | 1056872.039 | 98.19235 | 96.154 |
| ** | | .816000 | 743354.686 | 1056872.063 | 98.83927 | 100.768 |
| ** | | .817000 | 743355.686 | 1056872.076 | 99.45588 | 105.848 |
| ** | | .818000 | 743356.686 | 1056872.080 | 100.04217 | 111.466 |
| ** | | .819000 | 743357.686 | 1056872.075 | 100.59815 | 117.714 |
| ** | | .820000 | 743358.686 | 1056872.061 | 101.12381 | 124.704 |
| ** | | .821000 | 743359.685 | 1056872.040 | 101.61916 | 132.577 |
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| ** | | .823000 | 743361.684 | 1056871.974 | 102.51890 | 151.736 |
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| ** | | .825000 | 743363.682 | 1056871.883 | 103.29739 | 177.367 |
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| ** | | .828000 | 743366.677 | 1056871.704 | 104.23775 | 237.560 |
| ** | | .829000 | 743367.674 | 1056871.636 | 104.49058 | 267.862 |
| ** | | .830000 | 743368.672 | 1056871.563 | 104.71309 | 307.024 |
| ** | | .831000 | 743369.669 | 1056871.488 | 104.90528 | 359.598 |
| ** | | .832000 | 743370.666 | 1056871.410 | 105.06716 | 433.897 |
| ** | | .833000 | 743371.663 | 1056871.329 | 105.19873 | 546.895 |
| ** | | .834000 | 743372.659 | 1056871.247 | 105.29997 | 739.474 |
| ** | | .835000 | 743373.656 | 1056871.163 | 105.37091 | 1141.393 |
| ** | | .836000 | 743374.652 | 1056871.078 | 105.41153 | 2500.425 |
| PT | | .836840 | 743375.489 | 1056871.007 | 105.42222 | .000 |
| ** | | .837000 | 743375.648 | 1056870.993 | 105.42222 | .000 |
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| ** | | .839000 | 743377.641 | 1056870.823 | 105.42222 | .000 |
| ** | | .840000 | 743378.638 | 1056870.738 | 105.42222 | .000 |
| ** | | .841000 | 743379.634 | 1056870.653 | 105.42222 | .000 |
| ** | | .842000 | 743380.630 | 1056870.568 | 105.42222 | .000 |
| ** | | .843000 | 743381.627 | 1056870.483 | 105.42222 | .000 |
| ** | | .844000 | 743382.623 | 1056870.398 | 105.42222 | .000 |
| ** | | .845000 | 743383.619 | 1056870.313 | 105.42222 | .000 |
| ** | | .846000 | 743384.616 | 1056870.228 | 105.42222 | .000 |
| ** | | .847000 | 743385.612 | 1056870.143 | 105.42222 | .000 |
| ** | | .848000 | 743386.609 | 1056870.058 | 105.42222 | .000 |
| ** | | .849000 | 743387.605 | 1056869.972 | 105.42222 | .000 |
| ** | | .850000 | 743388.601 | 1056869.887 | 105.42222 | .000 |
| ** | | .851000 | 743389.598 | 1056869.802 | 105.42222 | .000 |
| ** | | .852000 | 743390.594 | 1056869.717 | 105.42222 | .000 |
| ** | | .853000 | 743391.590 | 1056869.632 | 105.42222 | .000 |
| ** | | .854000 | 743392.587 | 1056869.547 | 105.42222 | .000 |
| ** | | .855000 | 743393.583 | 1056869.462 | 105.42222 | .000 |
| ** | | .856000 | 743394.580 | 1056869.377 | 105.42222 | .000 |
| ** | | .857000 | 743395.576 | 1056869.292 | 105.42222 | .000 |
| ** | | .858000 | 743396.572 | 1056869.207 | 105.42222 | .000 |
| ** | | .859000 | 743397.569 | 1056869.122 | 105.42222 | .000 |
| ** | | .860000 | 743398.565 | 1056869.037 | 105.42222 | .000 |
| ** | | .861000 | 743399.561 | 1056868.952 | 105.42222 | .000 |
| ** | | .862000 | 743400.558 | 1056868.867 | 105.42222 | .000 |
| ** | | .863000 | 743401.554 | 1056868.781 | 105.42222 | .000 |
| ** | | .864000 | 743402.551 | 1056868.696 | 105.42222 | .000 |
| ** | | .865000 | 743403.547 | 1056868.611 | 105.42222 | .000 |
| ** | | .866000 | 743404.543 | 1056868.526 | 105.42222 | .000 |
| ** | | .867000 | 743405.540 | 1056868.441 | 105.42222 | .000 |
| ** | | .868000 | 743406.536 | 1056868.356 | 105.42222 | .000 |

| | | | | | |
|----|---------|------------|-------------|-----------|----------|
| ** | .869000 | 743407.532 | 1056868.271 | 105.42222 | .000 |
| ** | .870000 | 743408.529 | 1056868.186 | 105.42222 | .000 |
| TK | .870203 | 743408.731 | 1056868.169 | 105.42222 | -400.000 |
| ** | .871000 | 743409.525 | 1056868.102 | 105.29531 | -400.000 |
| ** | .872000 | 743410.522 | 1056868.020 | 105.13615 | -400.000 |
| ** | .873000 | 743411.519 | 1056867.941 | 104.97700 | -400.000 |
| ** | .874000 | 743412.516 | 1056867.864 | 104.81784 | -400.000 |
| ** | .875000 | 743413.513 | 1056867.789 | 104.65869 | -400.000 |
| ** | .876000 | 743414.510 | 1056867.717 | 104.49953 | -400.000 |
| ** | .877000 | 743415.508 | 1056867.648 | 104.34038 | -400.000 |
| ** | .878000 | 743416.506 | 1056867.581 | 104.18122 | -400.000 |
| ** | .879000 | 743417.504 | 1056867.517 | 104.02207 | -400.000 |
| ** | .880000 | 743418.502 | 1056867.455 | 103.86291 | -400.000 |
| ** | .881000 | 743419.500 | 1056867.396 | 103.70376 | -400.000 |
| ** | .882000 | 743420.498 | 1056867.339 | 103.54460 | -400.000 |
| ** | .883000 | 743421.497 | 1056867.284 | 103.38545 | -400.000 |
| ** | .884000 | 743422.496 | 1056867.232 | 103.22629 | -400.000 |
| ** | .885000 | 743423.494 | 1056867.183 | 103.06714 | -400.000 |
| ** | .886000 | 743424.493 | 1056867.136 | 102.90798 | -400.000 |
| ** | .887000 | 743425.492 | 1056867.092 | 102.74883 | -400.000 |
| ** | .888000 | 743426.491 | 1056867.050 | 102.58967 | -400.000 |
| ** | .889000 | 743427.491 | 1056867.010 | 102.43052 | -400.000 |
| ** | .890000 | 743428.490 | 1056866.973 | 102.27136 | -400.000 |
| ** | .891000 | 743429.489 | 1056866.939 | 102.11221 | -400.000 |
| ** | .892000 | 743430.489 | 1056866.907 | 101.95305 | -400.000 |
| ** | .893000 | 743431.488 | 1056866.878 | 101.79390 | -400.000 |
| ** | .894000 | 743432.488 | 1056866.851 | 101.63474 | -400.000 |
| ** | .895000 | 743433.488 | 1056866.826 | 101.47559 | -400.000 |
| ** | .896000 | 743434.488 | 1056866.804 | 101.31643 | -400.000 |
| ** | .897000 | 743435.487 | 1056866.785 | 101.15728 | -400.000 |
| ** | .898000 | 743436.487 | 1056866.768 | 100.99812 | -400.000 |
| ** | .899000 | 743437.487 | 1056866.754 | 100.83897 | -400.000 |
| ** | .900000 | 743438.487 | 1056866.742 | 100.67981 | -400.000 |
| ** | .901000 | 743439.487 | 1056866.732 | 100.52066 | -400.000 |
| ** | .902000 | 743440.487 | 1056866.725 | 100.36150 | -400.000 |
| ** | .903000 | 743441.487 | 1056866.721 | 100.20235 | -400.000 |
| ** | .904000 | 743442.487 | 1056866.719 | 100.04319 | -400.000 |
| ** | .905000 | 743443.487 | 1056866.719 | 99.88404 | -400.000 |
| ** | .906000 | 743444.487 | 1056866.723 | 99.72488 | -400.000 |
| ** | .907000 | 743445.487 | 1056866.728 | 99.56573 | -400.000 |
| ** | .908000 | 743446.487 | 1056866.736 | 99.40657 | -400.000 |
| ** | .909000 | 743447.487 | 1056866.747 | 99.24742 | -400.000 |
| ** | .910000 | 743448.487 | 1056866.760 | 99.08826 | -400.000 |
| KT | .910686 | 743449.173 | 1056866.770 | 98.97908 | -400.000 |
| ** | .911000 | 743449.487 | 1056866.775 | 98.97902 | .000 |
| ** | .912000 | 743450.487 | 1056866.791 | 98.97902 | .000 |
| ** | .913000 | 743451.486 | 1056866.807 | 98.97902 | .000 |
| ** | .914000 | 743452.486 | 1056866.823 | 98.97902 | .000 |
| ** | .915000 | 743453.486 | 1056866.839 | 98.97902 | .000 |
| ** | .916000 | 743454.486 | 1056866.855 | 98.97902 | .000 |
| ** | .917000 | 743455.486 | 1056866.871 | 98.97902 | .000 |
| ** | .918000 | 743456.486 | 1056866.888 | 98.97902 | .000 |
| ** | .919000 | 743457.486 | 1056866.904 | 98.97902 | .000 |
| ** | .920000 | 743458.485 | 1056866.920 | 98.97902 | .000 |
| ** | .921000 | 743459.485 | 1056866.936 | 98.97902 | .000 |
| ** | .922000 | 743460.485 | 1056866.952 | 98.97902 | .000 |
| ** | .923000 | 743461.485 | 1056866.968 | 98.97902 | .000 |
| ** | .924000 | 743462.485 | 1056866.984 | 98.97902 | .000 |
| ** | .925000 | 743463.485 | 1056867.000 | 98.97902 | .000 |
| ** | .926000 | 743464.485 | 1056867.016 | 98.97902 | .000 |
| ** | .927000 | 743465.485 | 1056867.032 | 98.97902 | .000 |
| ** | .928000 | 743466.484 | 1056867.048 | 98.97902 | .000 |
| ** | .929000 | 743467.484 | 1056867.064 | 98.97902 | .000 |
| ** | .930000 | 743468.484 | 1056867.080 | 98.97902 | .000 |
| ** | .931000 | 743469.484 | 1056867.096 | 98.97902 | .000 |
| ** | .932000 | 743470.484 | 1056867.112 | 98.97902 | .000 |
| ** | .933000 | 743471.484 | 1056867.128 | 98.97902 | .000 |
| ** | .934000 | 743472.484 | 1056867.144 | 98.97902 | .000 |
| ** | .935000 | 743473.484 | 1056867.160 | 98.97902 | .000 |
| ** | .936000 | 743474.483 | 1056867.176 | 98.97902 | .000 |
| ** | .937000 | 743475.483 | 1056867.192 | 98.97902 | .000 |
| ** | .938000 | 743476.483 | 1056867.208 | 98.97902 | .000 |
| ** | .939000 | 743477.483 | 1056867.224 | 98.97902 | .000 |
| ** | .940000 | 743478.483 | 1056867.240 | 98.97902 | .000 |
| ** | .941000 | 743479.483 | 1056867.256 | 98.97902 | .000 |
| ** | .942000 | 743480.483 | 1056867.272 | 98.97902 | .000 |
| ** | .943000 | 743481.483 | 1056867.288 | 98.97902 | .000 |
| ** | .944000 | 743482.482 | 1056867.304 | 98.97902 | .000 |
| ** | .945000 | 743483.482 | 1056867.321 | 98.97902 | .000 |
| ** | .946000 | 743484.482 | 1056867.337 | 98.97902 | .000 |
| ** | .947000 | 743485.482 | 1056867.353 | 98.97902 | .000 |
| ** | .948000 | 743486.482 | 1056867.369 | 98.97902 | .000 |
| ** | .949000 | 743487.482 | 1056867.385 | 98.97902 | .000 |
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| ** | .951000 | 743489.481 | 1056867.417 | 98.97902 | .000 |
| ** | .952000 | 743490.481 | 1056867.433 | 98.97902 | .000 |
| ** | .953000 | 743491.481 | 1056867.449 | 98.97902 | .000 |
| ** | .954000 | 743492.481 | 1056867.465 | 98.97902 | .000 |
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| ** | .959000 | 743497.480 | 1056867.545 | 98.97902 | .000 |
| ** | .960000 | 743498.480 | 1056867.561 | 98.97902 | .000 |
| ** | .961000 | 743499.480 | 1056867.577 | 98.97902 | .000 |
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| ** | .963000 | 743501.480 | 1056867.609 | 98.97902 | .000 |
| ** | .964000 | 743502.480 | 1056867.625 | 98.97902 | .000 |
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|----|----------|------------|-------------|----------|------|
| ** | .971000 | 743509.479 | 1056867.737 | 98.97902 | .000 |
| ** | .972000 | 743510.479 | 1056867.754 | 98.97902 | .000 |
| ** | .973000 | 743511.479 | 1056867.770 | 98.97902 | .000 |
| ** | .974000 | 743512.479 | 1056867.786 | 98.97902 | .000 |
| ** | .975000 | 743513.478 | 1056867.802 | 98.97902 | .000 |
| ** | .976000 | 743514.478 | 1056867.818 | 98.97902 | .000 |
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| ** | .981000 | 743519.478 | 1056867.898 | 98.97902 | .000 |
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| ** | .983000 | 743521.477 | 1056867.930 | 98.97902 | .000 |
| ** | .984000 | 743522.477 | 1056867.946 | 98.97902 | .000 |
| ** | .985000 | 743523.477 | 1056867.962 | 98.97902 | .000 |
| ** | .986000 | 743524.477 | 1056867.978 | 98.97902 | .000 |
| ** | .987000 | 743525.477 | 1056867.994 | 98.97902 | .000 |
| ** | .988000 | 743526.477 | 1056868.010 | 98.97902 | .000 |
| ** | .989000 | 743527.477 | 1056868.026 | 98.97902 | .000 |
| ** | .990000 | 743528.476 | 1056868.042 | 98.97902 | .000 |
| ** | .991000 | 743529.476 | 1056868.058 | 98.97902 | .000 |
| ** | .992000 | 743530.476 | 1056868.074 | 98.97902 | .000 |
| ** | .993000 | 743531.476 | 1056868.090 | 98.97902 | .000 |
| ** | .994000 | 743532.476 | 1056868.106 | 98.97902 | .000 |
| ** | .995000 | 743533.476 | 1056868.122 | 98.97902 | .000 |
| ** | .996000 | 743534.476 | 1056868.138 | 98.97902 | .000 |
| ** | .997000 | 743535.476 | 1056868.154 | 98.97902 | .000 |
| ** | .998000 | 743536.475 | 1056868.170 | 98.97902 | .000 |
| ** | .999000 | 743537.475 | 1056868.186 | 98.97902 | .000 |
| ** | 1.000000 | 743538.475 | 1056868.203 | 98.97902 | .000 |
| ** | 1.001000 | 743539.475 | 1056868.219 | 98.97902 | .000 |
| ** | 1.002000 | 743540.475 | 1056868.235 | 98.97902 | .000 |
| ** | 1.003000 | 743541.475 | 1056868.251 | 98.97902 | .000 |
| ** | 1.004000 | 743542.475 | 1056868.267 | 98.97902 | .000 |
| ** | 1.005000 | 743543.475 | 1056868.283 | 98.97902 | .000 |
| ** | 1.006000 | 743544.474 | 1056868.299 | 98.97902 | .000 |
| ** | 1.007000 | 743545.474 | 1056868.315 | 98.97902 | .000 |
| ** | 1.008000 | 743546.474 | 1056868.331 | 98.97902 | .000 |
| ** | 1.009000 | 743547.474 | 1056868.347 | 98.97902 | .000 |
| ** | 1.010000 | 743548.474 | 1056868.363 | 98.97902 | .000 |
| ** | 1.011000 | 743549.474 | 1056868.379 | 98.97902 | .000 |
| ** | 1.012000 | 743550.474 | 1056868.395 | 98.97902 | .000 |
| ** | 1.013000 | 743551.474 | 1056868.411 | 98.97902 | .000 |
| ** | 1.014000 | 743552.473 | 1056868.427 | 98.97902 | .000 |
| ** | 1.015000 | 743553.473 | 1056868.443 | 98.97902 | .000 |
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| ** | 1.020000 | 743558.473 | 1056868.523 | 98.97902 | .000 |
| ** | 1.021000 | 743559.472 | 1056868.539 | 98.97902 | .000 |
| ** | 1.022000 | 743560.472 | 1056868.555 | 98.97902 | .000 |
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| ** | 1.024000 | 743562.472 | 1056868.587 | 98.97902 | .000 |
| ** | 1.025000 | 743563.472 | 1056868.603 | 98.97902 | .000 |
| ** | 1.026000 | 743564.472 | 1056868.619 | 98.97902 | .000 |
| ** | 1.027000 | 743565.472 | 1056868.636 | 98.97902 | .000 |
| ** | 1.028000 | 743566.472 | 1056868.652 | 98.97902 | .000 |
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| ** | 1.030000 | 743568.471 | 1056868.684 | 98.97902 | .000 |
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| ** | 1.032000 | 743570.471 | 1056868.716 | 98.97902 | .000 |
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| ** | 1.034000 | 743572.471 | 1056868.748 | 98.97902 | .000 |
| ** | 1.035000 | 743573.471 | 1056868.764 | 98.97902 | .000 |
| ** | 1.036000 | 743574.471 | 1056868.780 | 98.97902 | .000 |
| ** | 1.037000 | 743575.470 | 1056868.796 | 98.97902 | .000 |
| ** | 1.038000 | 743576.470 | 1056868.812 | 98.97902 | .000 |
| ** | 1.039000 | 743577.470 | 1056868.828 | 98.97902 | .000 |
| ** | 1.040000 | 743578.470 | 1056868.844 | 98.97902 | .000 |
| ** | 1.041000 | 743579.470 | 1056868.860 | 98.97902 | .000 |
| ** | 1.042000 | 743580.470 | 1056868.876 | 98.97902 | .000 |
| ** | 1.043000 | 743581.470 | 1056868.892 | 98.97902 | .000 |
| ** | 1.044000 | 743582.470 | 1056868.908 | 98.97902 | .000 |
| ** | 1.045000 | 743583.469 | 1056868.924 | 98.97902 | .000 |
| ** | 1.046000 | 743584.469 | 1056868.940 | 98.97902 | .000 |
| ** | 1.047000 | 743585.469 | 1056868.956 | 98.97902 | .000 |
| ** | 1.048000 | 743586.469 | 1056868.972 | 98.97902 | .000 |
| ** | 1.049000 | 743587.469 | 1056868.988 | 98.97902 | .000 |
| ** | 1.050000 | 743588.469 | 1056869.004 | 98.97902 | .000 |
| ** | 1.051000 | 743589.469 | 1056869.020 | 98.97902 | .000 |
| ** | 1.052000 | 743590.469 | 1056869.036 | 98.97902 | .000 |
| ** | 1.053000 | 743591.468 | 1056869.052 | 98.97902 | .000 |
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| ** | 1.055000 | 743593.468 | 1056869.085 | 98.97902 | .000 |
| ** | 1.056000 | 743594.468 | 1056869.101 | 98.97902 | .000 |
| ** | 1.057000 | 743595.468 | 1056869.117 | 98.97902 | .000 |
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| ** | 1.060000 | 743598.467 | 1056869.165 | 98.97902 | .000 |
| ** | 1.061000 | 743599.467 | 1056869.181 | 98.97902 | .000 |
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| ** | 1.063000 | 743601.467 | 1056869.213 | 98.97902 | .000 |
| ** | 1.064000 | 743602.467 | 1056869.229 | 98.97902 | .000 |
| ** | 1.065000 | 743603.467 | 1056869.245 | 98.97902 | .000 |
| ** | 1.066000 | 743604.467 | 1056869.261 | 98.97902 | .000 |
| ** | 1.067000 | 743605.467 | 1056869.277 | 98.97902 | .000 |
| ** | 1.068000 | 743606.466 | 1056869.293 | 98.97902 | .000 |
| ** | 1.069000 | 743607.466 | 1056869.309 | 98.97902 | .000 |
| ** | 1.070000 | 743608.466 | 1056869.325 | 98.97902 | .000 |
| ** | 1.071000 | 743609.466 | 1056869.341 | 98.97902 | .000 |
| ** | 1.072000 | 743610.466 | 1056869.357 | 98.97902 | .000 |
| ** | 1.073000 | 743611.466 | 1056869.373 | 98.97902 | .000 |
| ** | 1.074000 | 743612.466 | 1056869.389 | 98.97902 | .000 |

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|----|----------|------------|-------------|-------------|---------|
| ** | 1.075000 | 743613.466 | 1056869.405 | 98.97902 | .000 |
| ** | 1.076000 | 743614.465 | 1056869.421 | 98.97902 | .000 |
| ** | 1.077000 | 743615.465 | 1056869.437 | 98.97902 | .000 |
| ** | 1.078000 | 743616.465 | 1056869.453 | 98.97902 | .000 |
| ** | 1.079000 | 743617.465 | 1056869.469 | 98.97902 | .000 |
| ** | 1.080000 | 743618.465 | 1056869.485 | 98.97902 | .000 |
| ** | 1.081000 | 743619.465 | 1056869.502 | 98.97902 | .000 |
| ** | 1.082000 | 743620.465 | 1056869.518 | 98.97902 | .000 |
| ** | 1.083000 | 743621.465 | 1056869.534 | 98.97902 | .000 |
| ** | 1.084000 | 743622.464 | 1056869.550 | 98.97902 | .000 |
| ** | 1.085000 | 743623.464 | 1056869.566 | 98.97902 | .000 |
| ** | 1.086000 | 743624.464 | 1056869.582 | 98.97902 | .000 |
| ** | 1.087000 | 743625.464 | 1056869.598 | 98.97902 | .000 |
| ** | 1.088000 | 743626.464 | 1056869.614 | 98.97902 | .000 |
| ** | 1.089000 | 743627.464 | 1056869.630 | 98.97902 | .000 |
| ** | 1.090000 | 743628.464 | 1056869.646 | 98.97902 | .000 |
| ** | 1.091000 | 743629.463 | 1056869.662 | 98.97902 | .000 |
| ** | 1.092000 | 743630.463 | 1056869.678 | 98.97902 | .000 |
| ** | 1.093000 | 743631.463 | 1056869.694 | 98.97902 | .000 |
| ** | 1.094000 | 743632.463 | 1056869.710 | 98.97902 | .000 |
| ** | 1.095000 | 743633.463 | 1056869.726 | 98.97902 | .000 |
| ** | 1.096000 | 743634.463 | 1056869.742 | 98.97902 | .000 |
| ** | 1.097000 | 743635.463 | 1056869.758 | 98.97902 | .000 |
| ** | 1.098000 | 743636.463 | 1056869.774 | 98.97902 | .000 |
| ** | 1.099000 | 743637.462 | 1056869.790 | 98.97902 | .000 |
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| ** | 1.101000 | 743639.462 | 1056869.822 | 98.97902 | .000 |
| ** | 1.102000 | 743640.462 | 1056869.838 | 98.97902 | .000 |
| ** | 1.103000 | 743641.462 | 1056869.854 | 98.97902 | .000 |
| ** | 1.104000 | 743642.462 | 1056869.870 | 98.97902 | .000 |
| ** | 1.105000 | 743643.462 | 1056869.886 | 98.97902 | .000 |
| ** | 1.106000 | 743644.462 | 1056869.902 | 98.97902 | .000 |
| ** | 1.107000 | 743645.461 | 1056869.918 | 98.97902 | .000 |
| ** | 1.108000 | 743646.461 | 1056869.935 | 98.97902 | .000 |
| ** | 1.109000 | 743647.461 | 1056869.951 | 98.97902 | .000 |
| ** | 1.110000 | 743648.461 | 1056869.967 | 98.97902 | .000 |
| ** | 1.111000 | 743649.461 | 1056869.983 | 98.97902 | .000 |
| ** | 1.112000 | 743650.461 | 1056869.999 | 98.97902 | .000 |
| ** | 1.113000 | 743651.461 | 1056870.015 | 98.97902 | .000 |
| ** | 1.114000 | 743652.461 | 1056870.031 | 98.97902 | .000 |
| ** | 1.115000 | 743653.460 | 1056870.047 | 98.97902 | .000 |
| ** | 1.116000 | 743654.460 | 1056870.063 | 98.97902 | .000 |
| ** | 1.117000 | 743655.460 | 1056870.079 | 98.97902 | .000 |
| ** | 1.118000 | 743656.460 | 1056870.095 | 98.97902 | .000 |
| ** | 1.119000 | 743657.460 | 1056870.111 | 98.97902 | .000 |
| ** | 1.120000 | 743658.460 | 1056870.127 | 98.97902 | .000 |
| ** | 1.121000 | 743659.460 | 1056870.143 | 98.97902 | .000 |
| ** | 1.122000 | 743660.460 | 1056870.159 | 98.97902 | .000 |
| ** | 1.123000 | 743661.459 | 1056870.175 | 98.97902 | .000 |
| ** | 1.124000 | 743662.459 | 1056870.191 | 98.97902 | .000 |
| ** | 1.125000 | 743663.459 | 1056870.207 | 98.97902 | .000 |
| ** | 1.126000 | 743664.459 | 1056870.223 | 98.97902 | .000 |
| ** | 1.127000 | 743665.459 | 1056870.239 | 98.97902 | .000 |
| ** | 1.128000 | 743666.459 | 1056870.255 | 98.97902 | .000 |
| ** | 1.129000 | 743667.459 | 1056870.271 | 98.97902 | .000 |
| ** | 1.130000 | 743668.458 | 1056870.287 | 98.97902 | .000 |
| ** | 1.131000 | 743669.458 | 1056870.303 | 98.97902 | .000 |
| ** | 1.132000 | 743670.458 | 1056870.319 | 98.97902 | .000 |
| ** | 1.133000 | 743671.458 | 1056870.335 | 98.97902 | .000 |
| ** | 1.134000 | 743672.458 | 1056870.351 | 98.97902 | .000 |
| ** | 1.135000 | 743673.458 | 1056870.367 | 98.97902 | .000 |
| ** | 1.136000 | 743674.458 | 1056870.384 | 98.97902 | .000 |
| ** | 1.137000 | 743675.458 | 1056870.400 | 98.97902 | .000 |
| ** | 1.138000 | 743676.457 | 1056870.416 | 98.97902 | .000 |
| ** | 1.139000 | 743677.457 | 1056870.432 | 98.97902 | .000 |
| ** | 1.140000 | 743678.457 | 1056870.448 | 98.97902 | .000 |
| ** | 1.141000 | 743679.457 | 1056870.464 | 98.97902 | .000 |
| ** | 1.142000 | 743680.457 | 1056870.480 | 98.97902 | .000 |
| ** | 1.143000 | 743681.457 | 1056870.496 | 98.97902 | .000 |
| ** | 1.144000 | 743682.457 | 1056870.512 | 98.97902 | .000 |
| ** | 1.145000 | 743683.457 | 1056870.528 | 98.97902 | .000 |
| ** | 1.146000 | 743684.456 | 1056870.544 | 98.97902 | .000 |
| ** | 1.147000 | 743685.456 | 1056870.560 | 98.97902 | .000 |
| ** | 1.148000 | 743686.456 | 1056870.576 | 98.97902 | .000 |
| ** | 1.149000 | 743687.456 | 1056870.592 | 98.97902 | .000 |
| ** | TK | 1.149041 | 743687.497 | 1056870.593 | 210.000 |
| ** | 1.150000 | 743688.456 | 1056870.606 | 99.26976 | 210.000 |
| ** | 1.151000 | 743689.456 | 1056870.615 | 99.57291 | 210.000 |
| ** | 1.152000 | 743690.456 | 1056870.619 | 99.87606 | 210.000 |
| ** | 1.153000 | 743691.456 | 1056870.619 | 100.17921 | 210.000 |
| ** | 1.154000 | 743692.456 | 1056870.614 | 100.48237 | 210.000 |
| ** | 1.155000 | 743693.456 | 1056870.604 | 100.78552 | 210.000 |
| ** | 1.156000 | 743694.456 | 1056870.589 | 101.08867 | 210.000 |
| ** | 1.157000 | 743695.456 | 1056870.569 | 101.39182 | 210.000 |
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| ** | 1.162000 | 743700.453 | 1056870.401 | 102.90758 | 210.000 |
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| ** | 1.165000 | 743703.448 | 1056870.242 | 103.81704 | 210.000 |
| ** | 1.166000 | 743704.446 | 1056870.180 | 104.12019 | 210.000 |
| ** | 1.167000 | 743705.444 | 1056870.113 | 104.42335 | 210.000 |
| ** | 1.168000 | 743706.442 | 1056870.041 | 104.72650 | 210.000 |
| ** | 1.169000 | 743707.439 | 1056869.965 | 105.02965 | 210.000 |
| ** | 1.170000 | 743708.435 | 1056869.883 | 105.33280 | 210.000 |
| ** | 1.171000 | 743709.432 | 1056869.797 | 105.63596 | 210.000 |
| ** | 1.172000 | 743710.427 | 1056869.706 | 105.93911 | 210.000 |
| ** | 1.173000 | 743711.423 | 1056869.611 | 106.24226 | 210.000 |
| ** | 1.174000 | 743712.418 | 1056869.511 | 106.54541 | 210.000 |
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| ** | 1.176000 | 743714.406 | 1056869.296 | 107.15172 | 210.000 |
| ** | 1.177000 | 743715.400 | 1056869.181 | 107.45487 | 210.000 |

| | | | | | |
|----|----------|------------|-------------|-----------|----------|
| ** | 1.178000 | 743716.393 | 1056869.062 | 107.75802 | 210.000 |
| ** | 1.179000 | 743717.385 | 1056868.938 | 108.06117 | 210.000 |
| KT | 1.179680 | 743718.059 | 1056868.851 | 108.26728 | .000 |
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| ** | 1.181000 | 743719.368 | 1056868.680 | 108.26728 | .000 |
| ** | 1.182000 | 743720.360 | 1056868.551 | 108.26728 | .000 |
| ** | 1.183000 | 743721.351 | 1056868.421 | 108.26728 | .000 |
| ** | 1.184000 | 743722.343 | 1056868.292 | 108.26728 | .000 |
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| ** | 1.186000 | 743724.326 | 1056868.033 | 108.26728 | .000 |
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| ** | 1.188000 | 743726.309 | 1056867.774 | 108.26728 | .000 |
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| ** | 1.191000 | 743729.284 | 1056867.385 | 108.26728 | .000 |
| ** | 1.192000 | 743730.276 | 1056867.256 | 108.26728 | .000 |
| ** | 1.193000 | 743731.267 | 1056867.127 | 108.26728 | .000 |
| ** | 1.194000 | 743732.259 | 1056866.997 | 108.26728 | .000 |
| ** | 1.195000 | 743733.250 | 1056866.868 | 108.26728 | .000 |
| ** | 1.196000 | 743734.242 | 1056866.738 | 108.26728 | .000 |
| ** | 1.197000 | 743735.233 | 1056866.609 | 108.26728 | .000 |
| ** | 1.198000 | 743736.225 | 1056866.479 | 108.26728 | .000 |
| ** | 1.199000 | 743737.217 | 1056866.350 | 108.26728 | .000 |
| ** | 1.200000 | 743738.208 | 1056866.220 | 108.26728 | .000 |
| ** | 1.201000 | 743739.200 | 1056866.091 | 108.26728 | .000 |
| ** | 1.202000 | 743740.191 | 1056865.961 | 108.26728 | .000 |
| ** | 1.203000 | 743741.183 | 1056865.832 | 108.26728 | .000 |
| ** | 1.204000 | 743742.175 | 1056865.702 | 108.26728 | .000 |
| ** | 1.205000 | 743743.166 | 1056865.573 | 108.26728 | .000 |
| ** | 1.206000 | 743744.158 | 1056865.443 | 108.26728 | .000 |
| ** | 1.207000 | 743745.149 | 1056865.314 | 108.26728 | .000 |
| ** | 1.208000 | 743746.141 | 1056865.184 | 108.26728 | .000 |
| ** | 1.209000 | 743747.132 | 1056865.055 | 108.26728 | .000 |
| ** | 1.210000 | 743748.124 | 1056864.925 | 108.26728 | .000 |
| ** | 1.211000 | 743749.116 | 1056864.796 | 108.26728 | .000 |
| ** | 1.212000 | 743750.107 | 1056864.666 | 108.26728 | .000 |
| TK | 1.212034 | 743750.141 | 1056864.662 | 108.26728 | .000 |
| ** | 1.213000 | 743751.099 | 1056864.540 | 107.85748 | -150.000 |
| ** | 1.214000 | 743752.092 | 1056864.420 | 107.43307 | -150.000 |
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| ** | 1.221000 | 743759.061 | 1056863.767 | 104.46217 | -150.000 |
| ** | 1.222000 | 743760.059 | 1056863.700 | 104.03776 | -150.000 |
| ** | 1.223000 | 743761.057 | 1056863.640 | 103.61335 | -150.000 |
| ** | 1.224000 | 743762.055 | 1056863.587 | 103.18893 | -150.000 |
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| ** | 1.227000 | 743765.053 | 1056863.466 | 101.91569 | -150.000 |
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| ** | 1.240000 | 743778.048 | 1056863.639 | 96.39832 | -150.000 |
| ** | 1.241000 | 743779.046 | 1056863.698 | 95.97391 | -150.000 |
| ** | 1.242000 | 743780.044 | 1056863.765 | 95.54950 | -150.000 |
| KP | 1.242511 | 743780.553 | 1056863.801 | 95.33273 | -150.000 |
| ** | 1.243000 | 743781.041 | 1056863.838 | 95.12621 | -151.649 |
| ** | 1.244000 | 743782.038 | 1056863.918 | 94.71113 | -155.134 |
| ** | 1.245000 | 743783.034 | 1056864.004 | 94.30548 | -158.783 |
| ** | 1.246000 | 743784.030 | 1056864.096 | 93.90926 | -162.608 |
| ** | 1.247000 | 743785.025 | 1056864.195 | 93.52247 | -166.622 |
| ** | 1.248000 | 743786.019 | 1056864.300 | 93.14511 | -170.840 |
| ** | 1.249000 | 743787.013 | 1056864.410 | 92.77718 | -175.276 |
| ** | 1.250000 | 743788.007 | 1056864.526 | 92.41869 | -179.948 |
| ** | 1.251000 | 743788.999 | 1056864.647 | 92.06963 | -184.877 |
| ** | 1.252000 | 743789.991 | 1056864.774 | 91.72999 | -190.083 |
| ** | 1.253000 | 743790.982 | 1056864.907 | 91.39979 | -195.591 |
| ** | 1.254000 | 743791.973 | 1056865.044 | 91.07902 | -201.428 |
| ** | 1.255000 | 743792.963 | 1056865.186 | 90.76769 | -207.624 |
| ** | 1.256000 | 743793.952 | 1056865.333 | 90.46578 | -214.213 |
| ** | 1.257000 | 743794.940 | 1056865.484 | 90.17331 | -221.234 |
| ** | 1.258000 | 743795.928 | 1056865.640 | 89.89026 | -228.730 |
| ** | 1.259000 | 743796.915 | 1056865.800 | 89.61665 | -236.753 |
| ** | 1.260000 | 743797.901 | 1056865.965 | 89.35247 | -245.359 |
| ** | 1.261000 | 743798.887 | 1056866.133 | 89.09772 | -254.614 |
| ** | 1.262000 | 743799.872 | 1056866.306 | 88.85240 | -264.594 |
| ** | 1.263000 | 743800.857 | 1056866.482 | 88.61652 | -275.389 |
| ** | 1.264000 | 743801.840 | 1056866.661 | 88.39006 | -287.103 |
| ** | 1.265000 | 743802.823 | 1056866.844 | 88.17304 | -299.857 |
| ** | 1.266000 | 743803.806 | 1056867.031 | 87.96544 | -313.797 |
| ** | 1.267000 | 743804.788 | 1056867.220 | 87.76728 | -329.096 |
| ** | 1.268000 | 743805.769 | 1056867.413 | 87.57855 | -345.963 |
| ** | 1.269000 | 743806.750 | 1056867.608 | 87.39926 | -364.653 |
| ** | 1.270000 | 743807.730 | 1056867.806 | 87.22939 | -385.478 |
| ** | 1.271000 | 743808.710 | 1056868.006 | 87.06895 | -408.825 |
| ** | 1.272000 | 743809.689 | 1056868.209 | 86.91795 | -435.182 |
| ** | 1.273000 | 743810.668 | 1056868.414 | 86.77638 | -465.172 |
| ** | 1.274000 | 743811.646 | 1056868.622 | 86.64424 | -499.602 |
| ** | 1.275000 | 743812.624 | 1056868.831 | 86.52153 | -539.536 |
| ** | 1.276000 | 743813.601 | 1056869.042 | 86.40825 | -586.409 |
| ** | 1.277000 | 743814.578 | 1056869.255 | 86.30440 | -642.200 |
| ** | 1.278000 | 743815.555 | 1056869.469 | 86.20999 | -709.723 |

| | | | | | | |
|----|--|----------|------------|-------------|-----------|------------|
| ** | | 1.279000 | 743816.532 | 1056869.684 | 86.12500 | -793.115 |
| ** | | 1.280000 | 743817.508 | 1056869.901 | 86.04945 | -898.712 |
| ** | | 1.281000 | 743818.484 | 1056870.119 | 85.98333 | -1036.747 |
| ** | | 1.282000 | 743819.460 | 1056870.338 | 85.92664 | -1224.879 |
| ** | | 1.283000 | 743820.435 | 1056870.558 | 85.87938 | -1496.426 |
| ** | | 1.284000 | 743821.411 | 1056870.778 | 85.84155 | -1922.668 |
| ** | | 1.285000 | 743822.386 | 1056870.999 | 85.81316 | -2688.444 |
| ** | | 1.286000 | 743823.361 | 1056871.220 | 85.79419 | -4467.990 |
| ** | | 1.287000 | 743824.336 | 1056871.441 | 85.78466 | -13215.953 |
| PT | | 1.287511 | 743824.835 | 1056871.554 | 85.78343 | .000 |
| ** | | 1.288000 | 743825.312 | 1056871.663 | 85.78343 | .000 |
| ** | | 1.289000 | 743826.287 | 1056871.884 | 85.78343 | .000 |
| ** | | 1.290000 | 743827.262 | 1056872.106 | 85.78343 | .000 |
| ** | | 1.291000 | 743828.237 | 1056872.327 | 85.78343 | .000 |
| ** | | 1.292000 | 743829.212 | 1056872.548 | 85.78343 | .000 |
| ** | | 1.293000 | 743830.187 | 1056872.770 | 85.78343 | .000 |
| ** | | 1.294000 | 743831.163 | 1056872.991 | 85.78343 | .000 |
| ** | | 1.295000 | 743832.138 | 1056873.213 | 85.78343 | .000 |
| ** | | 1.296000 | 743833.113 | 1056873.434 | 85.78343 | .000 |
| ** | | 1.297000 | 743834.088 | 1056873.656 | 85.78343 | .000 |
| ** | | 1.298000 | 743835.063 | 1056873.877 | 85.78343 | .000 |
| ** | | 1.299000 | 743836.038 | 1056874.099 | 85.78343 | .000 |
| ** | | 1.300000 | 743837.014 | 1056874.320 | 85.78343 | .000 |
| ** | | 1.301000 | 743837.989 | 1056874.542 | 85.78343 | .000 |
| ** | | 1.302000 | 743838.964 | 1056874.763 | 85.78343 | .000 |
| TP | | 1.302181 | 743839.140 | 1056874.803 | 85.78343 | .000 |
| ** | | 1.303000 | 743839.939 | 1056874.984 | 85.80064 | 1514.576 |
| ** | | 1.304000 | 743840.915 | 1056875.205 | 85.86834 | 681.802 |
| ** | | 1.305000 | 743841.890 | 1056875.425 | 85.98738 | 439.917 |
| ** | | 1.306000 | 743842.866 | 1056875.642 | 86.15777 | 324.717 |
| ** | | 1.307000 | 743843.843 | 1056875.856 | 86.37949 | 257.330 |
| ** | | 1.308000 | 743844.821 | 1056876.066 | 86.65256 | 213.106 |
| ** | | 1.309000 | 743845.799 | 1056876.272 | 86.97696 | 181.853 |
| ** | | 1.310000 | 743846.779 | 1056876.472 | 87.35271 | 158.594 |
| ** | | 1.311000 | 743847.760 | 1056876.666 | 87.77979 | 140.610 |
| ** | | 1.312000 | 743848.742 | 1056876.853 | 88.25822 | 126.289 |
| ** | | 1.313000 | 743849.726 | 1056877.033 | 88.78798 | 114.616 |
| ** | | 1.314000 | 743850.711 | 1056877.203 | 89.36909 | 104.918 |
| ** | | 1.315000 | 743851.698 | 1056877.365 | 90.00153 | 96.734 |
| ** | | 1.316000 | 743852.687 | 1056877.516 | 90.68532 | 89.733 |
| ** | | 1.317000 | 743853.677 | 1056877.656 | 91.42045 | 83.678 |
| ** | | 1.318000 | 743854.669 | 1056877.784 | 92.20692 | 78.388 |
| ** | | 1.319000 | 743855.662 | 1056877.900 | 93.04472 | 73.727 |
| ** | | 1.320000 | 743856.657 | 1056878.002 | 93.93387 | 69.590 |
| ** | | 1.321000 | 743857.653 | 1056878.090 | 94.87436 | 65.892 |
| ** | | 1.322000 | 743858.650 | 1056878.163 | 95.86619 | 62.567 |
| PK | | 1.322181 | 743858.831 | 1056878.174 | 96.05120 | 62.001 |
| ** | | 1.323000 | 743859.649 | 1056878.220 | 96.89215 | 62.000 |
| ** | | 1.324000 | 743860.648 | 1056878.260 | 97.91896 | 62.000 |
| ** | | 1.325000 | 743861.647 | 1056878.285 | 98.94576 | 62.000 |
| ** | | 1.326000 | 743862.647 | 1056878.294 | 99.97257 | 62.000 |
| ** | | 1.327000 | 743863.647 | 1056878.286 | 100.99937 | 62.000 |
| ** | | 1.328000 | 743864.647 | 1056878.262 | 102.02618 | 62.000 |
| ** | | 1.329000 | 743865.646 | 1056878.222 | 103.05299 | 62.000 |
| ** | | 1.330000 | 743866.645 | 1056878.166 | 104.07979 | 62.000 |
| ** | | 1.331000 | 743867.642 | 1056878.094 | 105.10660 | 62.000 |
| ** | | 1.332000 | 743868.638 | 1056878.006 | 106.13340 | 62.000 |
| ** | | 1.333000 | 743869.633 | 1056877.902 | 107.16021 | 62.000 |
| ** | | 1.334000 | 743870.625 | 1056877.782 | 108.18702 | 62.000 |
| ** | | 1.335000 | 743871.616 | 1056877.645 | 109.21382 | 62.000 |
| ** | | 1.336000 | 743872.604 | 1056877.493 | 110.24063 | 62.000 |
| ** | | 1.337000 | 743873.590 | 1056877.325 | 111.26744 | 62.000 |
| ** | | 1.338000 | 743874.573 | 1056877.141 | 112.29424 | 62.000 |
| ** | | 1.339000 | 743875.553 | 1056876.941 | 113.32105 | 62.000 |
| ** | | 1.340000 | 743876.529 | 1056876.726 | 114.34785 | 62.000 |
| ** | | 1.341000 | 743877.502 | 1056876.494 | 115.37466 | 62.000 |
| ** | | 1.342000 | 743878.471 | 1056876.247 | 116.40147 | 62.000 |
| ** | | 1.343000 | 743879.436 | 1056875.985 | 117.42827 | 62.000 |
| ** | | 1.344000 | 743880.397 | 1056875.707 | 118.45508 | 62.000 |
| ** | | 1.345000 | 743881.353 | 1056875.413 | 119.48188 | 62.000 |
| ** | | 1.346000 | 743882.304 | 1056875.104 | 120.50869 | 62.000 |
| ** | | 1.347000 | 743883.250 | 1056874.780 | 121.53550 | 62.000 |
| ** | | 1.348000 | 743884.190 | 1056874.440 | 122.56230 | 62.000 |
| ** | | 1.349000 | 743885.125 | 1056874.086 | 123.58911 | 62.000 |
| ** | | 1.350000 | 743886.054 | 1056873.716 | 124.61591 | 62.000 |
| ** | | 1.351000 | 743886.978 | 1056873.332 | 125.64272 | 62.000 |
| ** | | 1.352000 | 743887.894 | 1056872.932 | 126.66953 | 62.000 |
| ** | | 1.353000 | 743888.805 | 1056872.518 | 127.69633 | 62.000 |
| ** | | 1.354000 | 743889.708 | 1056872.089 | 128.72314 | 62.000 |
| KP | | 1.354114 | 743889.811 | 1056872.040 | 128.84019 | 62.000 |
| ** | | 1.355000 | 743890.604 | 1056871.646 | 129.70966 | 68.026 |
| ** | | 1.356000 | 743891.494 | 1056871.190 | 130.59417 | 76.409 |
| ** | | 1.357000 | 743892.378 | 1056870.722 | 131.37600 | 87.150 |
| ** | | 1.358000 | 743893.256 | 1056870.244 | 132.05515 | 101.403 |
| ** | | 1.359000 | 743894.130 | 1056869.758 | 132.63162 | 121.231 |
| ** | | 1.360000 | 743895.000 | 1056869.264 | 133.10541 | 150.697 |
| ** | | 1.361000 | 743895.866 | 1056868.764 | 133.47652 | 199.088 |
| ** | | 1.362000 | 743896.730 | 1056868.260 | 133.74495 | 293.254 |
| ** | | 1.363000 | 743897.592 | 1056867.754 | 133.91070 | 556.451 |
| ** | | 1.364000 | 743898.453 | 1056867.245 | 133.97377 | 5428.846 |
| PT | | 1.364114 | 743898.551 | 1056867.187 | 133.97444 | .000 |
| ** | | 1.365000 | 743899.314 | 1056866.737 | 133.97444 | .000 |
| ** | | 1.366000 | 743900.175 | 1056866.228 | 133.97444 | .000 |
| ** | | 1.367000 | 743901.036 | 1056865.719 | 133.97444 | .000 |
| ** | | 1.368000 | 743901.897 | 1056865.210 | 133.97444 | .000 |
| ** | | 1.369000 | 743902.758 | 1056864.702 | 133.97444 | .000 |
| ** | | 1.370000 | 743903.619 | 1056864.193 | 133.97444 | .000 |
| ** | | 1.371000 | 743904.480 | 1056863.684 | 133.97444 | .000 |
| ** | | 1.372000 | 743905.340 | 1056863.176 | 133.97444 | .000 |
| ** | | 1.373000 | 743906.201 | 1056862.667 | 133.97444 | .000 |
| ** | | 1.374000 | 743907.062 | 1056862.158 | 133.97444 | .000 |
| ** | | 1.375000 | 743907.923 | 1056861.650 | 133.97444 | .000 |
| ** | | 1.376000 | 743908.784 | 1056861.141 | 133.97444 | .000 |
| ** | | 1.377000 | 743909.645 | 1056860.632 | 133.97444 | .000 |

| | | | | | |
|----|----------|------------|-------------|-----------|-----------|
| ** | 1.378000 | 743910.506 | 1056860.124 | 133.97444 | .000 |
| ** | 1.379000 | 743911.367 | 1056859.615 | 133.97444 | .000 |
| ** | 1.380000 | 743912.228 | 1056859.106 | 133.97444 | .000 |
| TK | 1.380581 | 743912.728 | 1056858.811 | 133.97444 | 85.000 |
| ** | 1.381000 | 743913.088 | 1056858.597 | 134.28826 | 85.000 |
| ** | 1.382000 | 743913.944 | 1056858.079 | 135.03723 | 85.000 |
| ** | 1.383000 | 743914.793 | 1056857.551 | 135.78619 | 85.000 |
| ** | 1.384000 | 743915.636 | 1056857.013 | 136.53515 | 85.000 |
| KP | 1.384447 | 743916.011 | 1056856.769 | 136.86994 | 85.000 |
| ** | 1.385000 | 743916.473 | 1056856.465 | 137.28133 | 86.161 |
| ** | 1.386000 | 743917.303 | 1056855.907 | 138.01107 | 88.345 |
| ** | 1.387000 | 743918.127 | 1056855.340 | 138.72254 | 90.643 |
| ** | 1.388000 | 743918.944 | 1056854.765 | 139.41574 | 93.064 |
| ** | 1.389000 | 743919.755 | 1056854.180 | 140.09068 | 95.617 |
| ** | 1.390000 | 743920.561 | 1056853.587 | 140.74734 | 98.314 |
| ** | 1.391000 | 743921.360 | 1056852.985 | 141.38574 | 101.169 |
| ** | 1.392000 | 743922.153 | 1056852.376 | 142.00588 | 104.193 |
| ** | 1.393000 | 743922.940 | 1056851.760 | 142.60774 | 107.404 |
| ** | 1.394000 | 743923.721 | 1056851.136 | 143.19134 | 110.820 |
| ** | 1.395000 | 743924.497 | 1056850.505 | 143.75667 | 114.459 |
| ** | 1.396000 | 743925.267 | 1056849.867 | 144.30373 | 118.346 |
| ** | 1.397000 | 743926.032 | 1056849.222 | 144.83253 | 122.507 |
| ** | 1.398000 | 743926.791 | 1056848.572 | 145.34306 | 126.970 |
| ** | 1.399000 | 743927.546 | 1056847.915 | 145.83532 | 131.771 |
| ** | 1.400000 | 743928.295 | 1056847.253 | 146.30931 | 136.949 |
| ** | 1.401000 | 743929.040 | 1056846.586 | 146.76504 | 142.551 |
| ** | 1.402000 | 743929.779 | 1056845.913 | 147.20250 | 148.630 |
| ** | 1.403000 | 743930.515 | 1056845.235 | 147.62169 | 155.251 |
| ** | 1.404000 | 743931.245 | 1056844.552 | 148.02261 | 162.490 |
| ** | 1.405000 | 743931.972 | 1056843.865 | 148.40527 | 170.437 |
| ** | 1.406000 | 743932.695 | 1056843.174 | 148.76966 | 179.201 |
| ** | 1.407000 | 743933.413 | 1056842.479 | 149.11578 | 188.915 |
| ** | 1.408000 | 743934.128 | 1056841.780 | 149.44363 | 199.742 |
| ** | 1.409000 | 743934.840 | 1056841.077 | 149.75322 | 211.887 |
| ** | 1.410000 | 743935.548 | 1056840.371 | 150.04454 | 225.603 |
| ** | 1.411000 | 743936.253 | 1056839.662 | 150.31759 | 241.219 |
| ** | 1.412000 | 743936.955 | 1056838.950 | 150.57237 | 259.157 |
| ** | 1.413000 | 743937.655 | 1056838.235 | 150.80889 | 279.977 |
| ** | 1.414000 | 743938.352 | 1056837.518 | 151.02714 | 304.434 |
| ** | 1.415000 | 743939.046 | 1056836.798 | 151.22712 | 333.574 |
| ** | 1.416000 | 743939.738 | 1056836.077 | 151.40884 | 368.882 |
| ** | 1.417000 | 743940.429 | 1056835.353 | 151.57228 | 412.550 |
| ** | 1.418000 | 743941.117 | 1056834.628 | 151.71746 | 467.944 |
| ** | 1.419000 | 743941.804 | 1056833.902 | 151.84438 | 540.522 |
| ** | 1.420000 | 743942.490 | 1056833.174 | 151.95302 | 639.747 |
| ** | 1.421000 | 743943.175 | 1056832.445 | 152.04340 | 783.592 |
| ** | 1.422000 | 743943.858 | 1056831.715 | 152.11551 | 1010.887 |
| ** | 1.423000 | 743944.541 | 1056830.984 | 152.16935 | 1423.920 |
| ** | 1.424000 | 743945.224 | 1056830.253 | 152.20493 | 2407.652 |
| ** | 1.425000 | 743945.906 | 1056829.522 | 152.22223 | 7788.258 |
| PT | 1.425447 | 743946.211 | 1056829.195 | 152.22406 | .000 |
| ** | 1.426000 | 743946.588 | 1056828.791 | 152.22406 | .000 |
| ** | 1.427000 | 743947.270 | 1056828.059 | 152.22406 | .000 |
| ** | 1.428000 | 743947.952 | 1056827.328 | 152.22406 | .000 |
| ** | 1.429000 | 743948.633 | 1056826.597 | 152.22406 | .000 |
| ** | 1.430000 | 743949.315 | 1056825.865 | 152.22406 | .000 |
| ** | 1.431000 | 743949.997 | 1056825.134 | 152.22406 | .000 |
| ** | 1.432000 | 743950.679 | 1056824.403 | 152.22406 | .000 |
| ** | 1.433000 | 743951.361 | 1056823.671 | 152.22406 | .000 |
| ** | 1.434000 | 743952.043 | 1056822.940 | 152.22406 | .000 |
| ** | 1.435000 | 743952.725 | 1056822.208 | 152.22406 | .000 |
| ** | 1.436000 | 743953.407 | 1056821.477 | 152.22406 | .000 |
| ** | 1.437000 | 743954.089 | 1056820.746 | 152.22406 | .000 |
| ** | 1.438000 | 743954.771 | 1056820.014 | 152.22406 | .000 |
| ** | 1.439000 | 743955.453 | 1056819.283 | 152.22406 | .000 |
| ** | 1.440000 | 743956.135 | 1056818.552 | 152.22406 | .000 |
| ** | 1.441000 | 743956.817 | 1056817.820 | 152.22406 | .000 |
| ** | 1.442000 | 743957.499 | 1056817.089 | 152.22406 | .000 |
| ** | 1.443000 | 743958.181 | 1056816.357 | 152.22406 | .000 |
| ** | 1.444000 | 743958.863 | 1056815.626 | 152.22406 | .000 |
| ** | 1.445000 | 743959.545 | 1056814.895 | 152.22406 | .000 |
| ** | 1.446000 | 743960.227 | 1056814.163 | 152.22406 | .000 |
| ** | 1.447000 | 743960.909 | 1056813.432 | 152.22406 | .000 |
| ** | 1.448000 | 743961.591 | 1056812.701 | 152.22406 | .000 |
| ** | 1.449000 | 743962.273 | 1056811.969 | 152.22406 | .000 |
| ** | 1.450000 | 743962.955 | 1056811.238 | 152.22406 | .000 |
| ** | 1.451000 | 743963.637 | 1056810.506 | 152.22406 | .000 |
| ** | 1.452000 | 743964.319 | 1056809.775 | 152.22406 | .000 |
| ** | 1.453000 | 743965.001 | 1056809.044 | 152.22406 | .000 |
| ** | 1.454000 | 743965.683 | 1056808.312 | 152.22406 | .000 |
| ** | 1.455000 | 743966.365 | 1056807.581 | 152.22406 | .000 |
| ** | 1.456000 | 743967.047 | 1056806.850 | 152.22406 | .000 |
| ** | 1.457000 | 743967.729 | 1056806.118 | 152.22406 | .000 |
| ** | 1.458000 | 743968.411 | 1056805.387 | 152.22406 | .000 |
| ** | 1.459000 | 743969.093 | 1056804.655 | 152.22406 | .000 |
| ** | 1.460000 | 743969.775 | 1056803.924 | 152.22406 | .000 |
| ** | 1.461000 | 743970.457 | 1056803.193 | 152.22406 | .000 |
| ** | 1.462000 | 743971.139 | 1056802.461 | 152.22406 | .000 |
| TP | 1.462074 | 743971.189 | 1056802.407 | 152.22406 | .000 |
| ** | 1.463000 | 743971.821 | 1056801.730 | 152.21165 | -2374.905 |
| ** | 1.464000 | 743972.503 | 1056800.999 | 152.17037 | -1142.054 |
| ** | 1.465000 | 743973.186 | 1056800.268 | 152.10016 | -751.789 |
| ** | 1.466000 | 743973.870 | 1056799.539 | 152.00101 | -560.316 |
| ** | 1.467000 | 743974.555 | 1056798.811 | 151.87292 | -446.578 |
| ** | 1.468000 | 743975.242 | 1056798.084 | 151.71590 | -371.223 |
| ** | 1.469000 | 743975.931 | 1056797.359 | 151.52994 | -317.627 |
| ** | 1.470000 | 743976.622 | 1056796.636 | 151.31504 | -277.555 |
| ** | 1.471000 | 743977.316 | 1056795.916 | 151.07121 | -246.461 |
| ** | 1.472000 | 743978.012 | 1056795.198 | 150.79843 | -221.632 |
| ** | 1.473000 | 743978.712 | 1056794.484 | 150.49672 | -201.348 |
| ** | 1.474000 | 743979.416 | 1056793.773 | 150.16608 | -184.465 |
| ** | 1.475000 | 743980.123 | 1056793.066 | 149.80649 | -170.195 |
| ** | 1.476000 | 743980.834 | 1056792.364 | 149.41797 | -157.974 |
| ** | 1.477000 | 743981.550 | 1056791.665 | 149.00051 | -147.390 |

| | | | | | |
|----|----------|------------|-------------|-----------|----------|
| ** | 1.478000 | 743982.271 | 1056790.972 | 148.55411 | -138.136 |
| ** | 1.479000 | 743982.996 | 1056790.284 | 148.07878 | -129.975 |
| ** | 1.480000 | 743983.727 | 1056789.601 | 147.57451 | -122.724 |
| ** | 1.481000 | 743984.463 | 1056788.924 | 147.04130 | -116.240 |
| ** | 1.482000 | 743985.205 | 1056788.254 | 146.47916 | -110.407 |
| PK | 1.482074 | 743985.260 | 1056788.205 | 146.43661 | -110.000 |
| ** | 1.483000 | 743985.953 | 1056787.591 | 145.90049 | -110.000 |
| ** | 1.484000 | 743986.708 | 1056786.934 | 145.32174 | -110.000 |
| ** | 1.485000 | 743987.468 | 1056786.284 | 144.74300 | -110.000 |
| ** | 1.486000 | 743988.234 | 1056785.641 | 144.16425 | -110.000 |
| ** | 1.487000 | 743989.005 | 1056785.005 | 143.58551 | -110.000 |
| ** | 1.488000 | 743989.783 | 1056784.376 | 143.00676 | -110.000 |
| ** | 1.489000 | 743990.566 | 1056783.755 | 142.42802 | -110.000 |
| ** | 1.490000 | 743991.355 | 1056783.140 | 141.84927 | -110.000 |
| ** | 1.491000 | 743992.149 | 1056782.533 | 141.27053 | -110.000 |
| ** | 1.492000 | 743992.949 | 1056781.932 | 140.69178 | -110.000 |
| ** | 1.493000 | 743993.754 | 1056781.340 | 140.11304 | -110.000 |
| ** | 1.494000 | 743994.565 | 1056780.754 | 139.53429 | -110.000 |
| ** | 1.495000 | 743995.381 | 1056780.176 | 138.95555 | -110.000 |
| ** | 1.496000 | 743996.202 | 1056779.605 | 138.37680 | -110.000 |
| ** | 1.497000 | 743997.028 | 1056779.042 | 137.79805 | -110.000 |
| ** | 1.498000 | 743997.860 | 1056778.486 | 137.21931 | -110.000 |
| ** | 1.499000 | 743998.696 | 1056777.938 | 136.64056 | -110.000 |
| ** | 1.500000 | 743999.538 | 1056777.398 | 136.06182 | -110.000 |
| ** | 1.501000 | 744000.384 | 1056776.865 | 135.48307 | -110.000 |
| ** | 1.502000 | 744001.235 | 1056776.340 | 134.90433 | -110.000 |
| ** | 1.503000 | 744002.091 | 1056775.822 | 134.32558 | -110.000 |
| ** | 1.504000 | 744002.951 | 1056775.313 | 133.74684 | -110.000 |
| ** | 1.505000 | 744003.816 | 1056774.811 | 133.16809 | -110.000 |
| ** | 1.506000 | 744004.686 | 1056774.317 | 132.58935 | -110.000 |
| ** | 1.507000 | 744005.560 | 1056773.832 | 132.01060 | -110.000 |
| ** | 1.508000 | 744006.438 | 1056773.354 | 131.43186 | -110.000 |
| ** | 1.509000 | 744007.321 | 1056772.884 | 130.85311 | -110.000 |
| ** | 1.510000 | 744008.208 | 1056772.422 | 130.27437 | -110.000 |
| ** | 1.511000 | 744009.099 | 1056771.968 | 129.69562 | -110.000 |
| ** | 1.512000 | 744009.994 | 1056771.522 | 129.11688 | -110.000 |
| ** | 1.513000 | 744010.893 | 1056771.085 | 128.53813 | -110.000 |
| ** | 1.514000 | 744011.797 | 1056770.656 | 127.95939 | -110.000 |
| ** | 1.515000 | 744012.704 | 1056770.235 | 127.38064 | -110.000 |
| ** | 1.516000 | 744013.614 | 1056769.822 | 126.80190 | -110.000 |
| ** | 1.517000 | 744014.529 | 1056769.417 | 126.22315 | -110.000 |
| ** | 1.518000 | 744015.447 | 1056769.021 | 125.64440 | -110.000 |
| ** | 1.519000 | 744016.369 | 1056768.633 | 125.06566 | -110.000 |
| ** | 1.520000 | 744017.294 | 1056768.254 | 124.48691 | -110.000 |
| ** | 1.521000 | 744018.223 | 1056767.883 | 123.90817 | -110.000 |
| ** | 1.522000 | 744019.155 | 1056767.520 | 123.32942 | -110.000 |
| ** | 1.523000 | 744020.090 | 1056767.166 | 122.75068 | -110.000 |
| ** | 1.524000 | 744021.028 | 1056766.821 | 122.17193 | -110.000 |
| ** | 1.525000 | 744021.970 | 1056766.484 | 121.59319 | -110.000 |
| ** | 1.526000 | 744022.914 | 1056766.155 | 121.01444 | -110.000 |
| ** | 1.527000 | 744023.862 | 1056765.835 | 120.43570 | -110.000 |
| ** | 1.528000 | 744024.812 | 1056765.524 | 119.85695 | -110.000 |
| ** | 1.529000 | 744025.765 | 1056765.222 | 119.27821 | -110.000 |
| ** | 1.530000 | 744026.721 | 1056764.928 | 118.69946 | -110.000 |
| ** | 1.531000 | 744027.679 | 1056764.643 | 118.12072 | -110.000 |
| ** | 1.532000 | 744028.640 | 1056764.366 | 117.54197 | -110.000 |
| ** | 1.533000 | 744029.604 | 1056764.098 | 116.96323 | -110.000 |
| ** | 1.534000 | 744030.570 | 1056763.840 | 116.38448 | -110.000 |
| ** | 1.535000 | 744031.538 | 1056763.589 | 115.80574 | -110.000 |
| ** | 1.536000 | 744032.509 | 1056763.348 | 115.22699 | -110.000 |
| ** | 1.537000 | 744033.481 | 1056763.116 | 114.64825 | -110.000 |
| ** | 1.538000 | 744034.456 | 1056762.892 | 114.06950 | -110.000 |
| ** | 1.539000 | 744035.432 | 1056762.677 | 113.49075 | -110.000 |
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| ** | 1.541000 | 744037.391 | 1056762.274 | 112.33326 | -110.000 |
| ** | 1.542000 | 744038.374 | 1056762.086 | 111.75452 | -110.000 |
| ** | 1.543000 | 744039.357 | 1056761.907 | 111.17577 | -110.000 |
| ** | 1.544000 | 744040.343 | 1056761.737 | 110.59703 | -110.000 |
| ** | 1.545000 | 744041.330 | 1056761.576 | 110.01828 | -110.000 |
| ** | 1.546000 | 744042.318 | 1056761.424 | 109.43954 | -110.000 |
| ** | 1.547000 | 744043.308 | 1056761.280 | 108.86079 | -110.000 |
| ** | 1.548000 | 744044.299 | 1056761.146 | 108.28205 | -110.000 |
| ** | 1.549000 | 744045.291 | 1056761.021 | 107.70330 | -110.000 |
| ** | 1.550000 | 744046.284 | 1056760.905 | 107.12456 | -110.000 |
| ** | 1.551000 | 744047.278 | 1056760.797 | 106.54581 | -110.000 |
| ** | 1.552000 | 744048.273 | 1056760.699 | 105.96707 | -110.000 |
| ** | 1.553000 | 744049.269 | 1056760.610 | 105.38832 | -110.000 |
| ** | 1.554000 | 744050.266 | 1056760.530 | 104.80958 | -110.000 |
| ** | 1.555000 | 744051.264 | 1056760.459 | 104.23083 | -110.000 |
| ** | 1.556000 | 744052.262 | 1056760.397 | 103.65209 | -110.000 |
| ** | 1.557000 | 744053.260 | 1056760.345 | 103.07334 | -110.000 |
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| ** | 1.560000 | 744056.259 | 1056760.241 | 101.33710 | -110.000 |
| ** | 1.561000 | 744057.258 | 1056760.224 | 100.75836 | -110.000 |
| ** | 1.562000 | 744058.258 | 1056760.217 | 100.17961 | -110.000 |
| ** | 1.563000 | 744059.258 | 1056760.219 | 99.60087 | -110.000 |
| ** | 1.564000 | 744060.258 | 1056760.229 | 99.02212 | -110.000 |
| KP | 1.564354 | 744060.612 | 1056760.235 | 98.81744 | -110.000 |
| ** | 1.565000 | 744061.258 | 1056760.249 | 98.44704 | -112.198 |
| ** | 1.566000 | 744062.258 | 1056760.278 | 97.88840 | -115.776 |
| ** | 1.567000 | 744063.257 | 1056760.316 | 97.34730 | -119.590 |
| ** | 1.568000 | 744064.256 | 1056760.361 | 96.82373 | -123.664 |
| ** | 1.569000 | 744065.254 | 1056760.415 | 96.31770 | -128.026 |
| ** | 1.570000 | 744066.253 | 1056760.477 | 95.82921 | -132.706 |
| ** | 1.571000 | 744067.250 | 1056760.546 | 95.35826 | -137.742 |
| ** | 1.572000 | 744068.247 | 1056760.623 | 94.90485 | -143.175 |
| ** | 1.573000 | 744069.244 | 1056760.706 | 94.46897 | -149.054 |
| ** | 1.574000 | 744070.240 | 1056760.796 | 94.05063 | -155.436 |
| ** | 1.575000 | 744071.235 | 1056760.892 | 93.64983 | -162.390 |
| ** | 1.576000 | 744072.230 | 1056760.995 | 93.26657 | -169.994 |
| ** | 1.577000 | 744073.224 | 1056761.103 | 92.90084 | -178.346 |
| ** | 1.578000 | 744074.217 | 1056761.218 | 92.55265 | -187.561 |
| ** | 1.579000 | 744075.210 | 1056761.337 | 92.22200 | -197.781 |

| | | | | | | |
|----|--|----------|------------|-------------|-----------|------------|
| ** | | 1.580000 | 744076.202 | 1056761.461 | 91.90889 | -209.178 |
| ** | | 1.581000 | 744077.194 | 1056761.590 | 91.61331 | -221.969 |
| ** | | 1.582000 | 744078.185 | 1056761.724 | 91.33528 | -236.426 |
| ** | | 1.583000 | 744079.176 | 1056761.862 | 91.07478 | -252.897 |
| ** | | 1.584000 | 744080.165 | 1056762.003 | 90.83181 | -271.836 |
| ** | | 1.585000 | 744081.155 | 1056762.148 | 90.60639 | -293.840 |
| ** | | 1.586000 | 744082.144 | 1056762.297 | 90.39850 | -319.721 |
| ** | | 1.587000 | 744083.132 | 1056762.449 | 90.20816 | -350.601 |
| ** | | 1.588000 | 744084.120 | 1056762.603 | 90.03534 | -388.083 |
| ** | | 1.589000 | 744085.108 | 1056762.761 | 89.88007 | -434.540 |
| ** | | 1.590000 | 744086.095 | 1056762.920 | 89.74234 | -493.632 |
| ** | | 1.591000 | 744087.082 | 1056763.081 | 89.62214 | -571.324 |
| ** | | 1.592000 | 744088.068 | 1056763.244 | 89.51948 | -678.041 |
| ** | | 1.593000 | 744089.055 | 1056763.409 | 89.43436 | -833.781 |
| ** | | 1.594000 | 744090.041 | 1056763.575 | 89.36677 | -1082.400 |
| ** | | 1.595000 | 744091.027 | 1056763.741 | 89.31673 | -1542.280 |
| ** | | 1.596000 | 744092.013 | 1056763.909 | 89.28422 | -2681.621 |
| ** | | 1.597000 | 744092.999 | 1056764.076 | 89.26925 | -10264.128 |
| PT | | 1.597354 | 744093.347 | 1056764.136 | 89.26815 | .000 |
| ** | | 1.598000 | 744093.985 | 1056764.244 | 89.26815 | .000 |
| ** | | 1.599000 | 744094.970 | 1056764.412 | 89.26815 | .000 |
| ** | | 1.600000 | 744095.956 | 1056764.580 | 89.26815 | .000 |
| ** | | 1.601000 | 744096.942 | 1056764.748 | 89.26815 | .000 |
| ** | | 1.602000 | 744097.928 | 1056764.915 | 89.26815 | .000 |
| TP | | 1.602238 | 744098.162 | 1056764.955 | 89.26815 | .000 |
| ** | | 1.603000 | 744098.914 | 1056765.083 | 89.29793 | 814.047 |
| ** | | 1.604000 | 744099.900 | 1056765.249 | 89.42747 | 351.947 |
| ** | | 1.605000 | 744100.886 | 1056765.413 | 89.65970 | 224.505 |
| ** | | 1.606000 | 744101.874 | 1056765.572 | 89.99461 | 164.822 |
| ** | | 1.607000 | 744102.862 | 1056765.726 | 90.43219 | 130.208 |
| ** | | 1.608000 | 744103.851 | 1056765.871 | 90.97246 | 107.609 |
| ** | | 1.609000 | 744104.842 | 1056766.008 | 91.61541 | 91.694 |
| ** | | 1.610000 | 744105.834 | 1056766.133 | 92.36103 | 79.880 |
| ** | | 1.611000 | 744106.827 | 1056766.247 | 93.20934 | 70.763 |
| ** | | 1.612000 | 744107.822 | 1056766.346 | 94.16033 | 63.514 |
| ** | | 1.613000 | 744108.819 | 1056766.429 | 95.21400 | 57.612 |
| ** | | 1.614000 | 744109.817 | 1056766.495 | 96.37035 | 52.714 |
| ** | | 1.615000 | 744110.816 | 1056766.543 | 97.62938 | 48.583 |
| ** | | 1.616000 | 744111.815 | 1056766.569 | 98.99110 | 45.053 |
| ** | | 1.617000 | 744112.815 | 1056766.574 | 100.45549 | 42.001 |
| ** | | 1.618000 | 744113.815 | 1056766.554 | 102.02256 | 39.336 |
| ** | | 1.619000 | 744114.814 | 1056766.510 | 103.69232 | 36.989 |
| ** | | 1.620000 | 744115.811 | 1056766.438 | 105.46475 | 34.907 |
| ** | | 1.621000 | 744116.806 | 1056766.338 | 107.33987 | 33.046 |
| ** | | 1.622000 | 744117.798 | 1056766.207 | 109.31766 | 31.374 |
| PK | | 1.622238 | 744118.033 | 1056766.172 | 109.80350 | 31.001 |
| ** | | 1.623000 | 744118.784 | 1056766.046 | 111.36836 | 31.000 |
| ** | | 1.624000 | 744119.765 | 1056765.852 | 113.42197 | 31.000 |
| ** | | 1.625000 | 744120.740 | 1056765.627 | 115.47558 | 31.000 |
| ** | | 1.626000 | 744121.706 | 1056765.371 | 117.52919 | 31.000 |
| ** | | 1.627000 | 744122.664 | 1056765.084 | 119.58280 | 31.000 |
| ** | | 1.628000 | 744123.612 | 1056764.765 | 121.63642 | 31.000 |
| ** | | 1.629000 | 744124.549 | 1056764.417 | 123.69003 | 31.000 |
| ** | | 1.630000 | 744125.475 | 1056764.038 | 125.74364 | 31.000 |
| ** | | 1.631000 | 744126.388 | 1056763.630 | 127.79725 | 31.000 |
| ** | | 1.632000 | 744127.287 | 1056763.193 | 129.85087 | 31.000 |
| ** | | 1.633000 | 744128.172 | 1056762.727 | 131.90448 | 31.000 |
| ** | | 1.634000 | 744129.041 | 1056762.232 | 133.95809 | 31.000 |
| ** | | 1.635000 | 744129.893 | 1056761.710 | 136.01170 | 31.000 |
| ** | | 1.636000 | 744130.729 | 1056761.160 | 138.06531 | 31.000 |
| KP | | 1.636374 | 744131.037 | 1056760.948 | 138.83336 | 31.000 |
| ** | | 1.637000 | 744131.546 | 1056760.584 | 140.10709 | 31.581 |
| ** | | 1.638000 | 744132.345 | 1056759.982 | 142.09270 | 32.557 |
| ** | | 1.639000 | 744133.125 | 1056759.356 | 144.01790 | 33.595 |
| ** | | 1.640000 | 744133.886 | 1056758.708 | 145.88271 | 34.701 |
| ** | | 1.641000 | 744134.627 | 1056758.037 | 147.68711 | 35.882 |
| ** | | 1.642000 | 744135.350 | 1056757.346 | 149.43112 | 37.147 |
| ** | | 1.643000 | 744136.054 | 1056756.636 | 151.11472 | 38.504 |
| ** | | 1.644000 | 744136.739 | 1056755.908 | 152.73793 | 39.963 |
| ** | | 1.645000 | 744137.406 | 1056755.163 | 154.30073 | 41.538 |
| ** | | 1.646000 | 744138.055 | 1056754.402 | 155.80313 | 43.243 |
| ** | | 1.647000 | 744138.686 | 1056753.626 | 157.24513 | 45.093 |
| ** | | 1.648000 | 744139.300 | 1056752.836 | 158.62674 | 47.108 |
| ** | | 1.649000 | 744139.896 | 1056752.034 | 159.94794 | 49.312 |
| ** | | 1.650000 | 744140.477 | 1056751.219 | 161.20874 | 51.732 |
| ** | | 1.651000 | 744141.041 | 1056750.394 | 162.40914 | 54.403 |
| ** | | 1.652000 | 744141.591 | 1056749.558 | 163.54914 | 57.363 |
| ** | | 1.653000 | 744142.125 | 1056748.713 | 164.62874 | 60.665 |
| ** | | 1.654000 | 744142.646 | 1056747.859 | 165.64794 | 64.370 |
| ** | | 1.655000 | 744143.153 | 1056746.998 | 166.60674 | 68.557 |
| ** | | 1.656000 | 744143.648 | 1056746.129 | 167.50514 | 73.326 |
| ** | | 1.657000 | 744144.130 | 1056745.253 | 168.34314 | 78.809 |
| ** | | 1.658000 | 744144.602 | 1056744.371 | 169.12074 | 85.178 |
| ** | | 1.659000 | 744145.063 | 1056743.484 | 169.83794 | 92.667 |
| ** | | 1.660000 | 744145.515 | 1056742.591 | 170.49473 | 101.599 |
| ** | | 1.661000 | 744145.957 | 1056741.695 | 171.09113 | 112.438 |
| ** | | 1.662000 | 744146.392 | 1056740.794 | 171.62713 | 125.865 |
| ** | | 1.663000 | 744146.820 | 1056739.890 | 172.10272 | 142.933 |
| ** | | 1.664000 | 744147.241 | 1056738.983 | 172.51792 | 165.357 |
| ** | | 1.665000 | 744147.657 | 1056738.074 | 172.87272 | 196.127 |
| ** | | 1.666000 | 744148.068 | 1056737.162 | 173.16711 | 240.965 |
| ** | | 1.667000 | 744148.475 | 1056736.249 | 173.40111 | 312.382 |
| ** | | 1.668000 | 744148.880 | 1056735.335 | 173.57470 | 443.963 |
| ** | | 1.669000 | 744149.282 | 1056734.419 | 173.68790 | 767.064 |
| ** | | 1.670000 | 744149.683 | 1056733.503 | 173.74069 | 2817.648 |
| PT | | 1.670374 | 744149.833 | 1056733.160 | 173.74492 | .000 |
| ** | | 1.671000 | 744150.084 | 1056732.587 | 173.74492 | .000 |
| ** | | 1.672000 | 744150.485 | 1056731.671 | 173.74492 | .000 |
| ** | | 1.673000 | 744150.886 | 1056730.755 | 173.74492 | .000 |
| ** | | 1.674000 | 744151.287 | 1056729.839 | 173.74492 | .000 |
| ** | | 1.675000 | 744151.688 | 1056728.922 | 173.74492 | .000 |
| ** | | 1.676000 | 744152.088 | 1056728.006 | 173.74492 | .000 |
| ** | | 1.677000 | 744152.489 | 1056727.090 | 173.74492 | .000 |
| ** | | 1.678000 | 744152.890 | 1056726.174 | 173.74492 | .000 |

| | | | | | |
|----|----------|------------|-------------|-----------|-----------|
| ** | 1.679000 | 744153.291 | 1056725.258 | 173.74492 | .000 |
| ** | 1.680000 | 744153.692 | 1056724.342 | 173.74492 | .000 |
| ** | 1.681000 | 744154.092 | 1056723.425 | 173.74492 | .000 |
| ** | 1.682000 | 744154.493 | 1056722.509 | 173.74492 | .000 |
| ** | 1.683000 | 744154.894 | 1056721.593 | 173.74492 | .000 |
| ** | 1.684000 | 744155.295 | 1056720.677 | 173.74492 | .000 |
| ** | 1.685000 | 744155.696 | 1056719.761 | 173.74492 | .000 |
| ** | 1.686000 | 744156.097 | 1056718.845 | 173.74492 | .000 |
| ** | 1.687000 | 744156.497 | 1056717.928 | 173.74492 | .000 |
| ** | 1.688000 | 744156.898 | 1056717.012 | 173.74492 | .000 |
| ** | 1.689000 | 744157.299 | 1056716.096 | 173.74492 | .000 |
| ** | 1.690000 | 744157.700 | 1056715.180 | 173.74492 | .000 |
| ** | 1.691000 | 744158.101 | 1056714.264 | 173.74492 | .000 |
| ** | 1.692000 | 744158.502 | 1056713.348 | 173.74492 | .000 |
| ** | 1.693000 | 744158.902 | 1056712.432 | 173.74492 | .000 |
| ** | 1.694000 | 744159.303 | 1056711.515 | 173.74492 | .000 |
| ** | 1.695000 | 744159.704 | 1056710.599 | 173.74492 | .000 |
| ** | 1.696000 | 744160.105 | 1056709.683 | 173.74492 | .000 |
| ** | 1.697000 | 744160.506 | 1056708.767 | 173.74492 | .000 |
| ** | 1.698000 | 744160.906 | 1056707.851 | 173.74492 | .000 |
| ** | 1.699000 | 744161.307 | 1056706.935 | 173.74492 | .000 |
| ** | 1.700000 | 744161.708 | 1056706.018 | 173.74492 | .000 |
| ** | 1.701000 | 744162.109 | 1056705.102 | 173.74492 | .000 |
| ** | 1.702000 | 744162.510 | 1056704.186 | 173.74492 | .000 |
| ** | 1.703000 | 744162.911 | 1056703.270 | 173.74492 | .000 |
| ** | 1.704000 | 744163.311 | 1056702.354 | 173.74492 | .000 |
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| ** | 1.706000 | 744164.113 | 1056700.522 | 173.74492 | .000 |
| ** | 1.707000 | 744164.514 | 1056699.605 | 173.74492 | .000 |
| ** | 1.708000 | 744164.915 | 1056698.689 | 173.74492 | .000 |
| ** | 1.709000 | 744165.316 | 1056697.773 | 173.74492 | .000 |
| ** | 1.710000 | 744165.716 | 1056696.857 | 173.74492 | .000 |
| ** | 1.711000 | 744166.117 | 1056695.941 | 173.74492 | .000 |
| ** | 1.712000 | 744166.518 | 1056695.025 | 173.74492 | .000 |
| ** | 1.713000 | 744166.919 | 1056694.108 | 173.74492 | .000 |
| ** | 1.714000 | 744167.320 | 1056693.192 | 173.74492 | .000 |
| ** | 1.715000 | 744167.720 | 1056692.276 | 173.74492 | .000 |
| ** | 1.716000 | 744168.121 | 1056691.360 | 173.74492 | .000 |
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| ** | 1.719000 | 744169.324 | 1056688.611 | 173.74492 | .000 |
| ** | 1.720000 | 744169.725 | 1056687.695 | 173.74492 | .000 |
| ** | 1.721000 | 744170.125 | 1056686.779 | 173.74492 | .000 |
| ** | 1.722000 | 744170.526 | 1056685.863 | 173.74492 | .000 |
| ** | 1.723000 | 744170.927 | 1056684.947 | 173.74492 | .000 |
| ** | 1.724000 | 744171.328 | 1056684.031 | 173.74492 | .000 |
| ** | 1.725000 | 744171.729 | 1056683.115 | 173.74492 | .000 |
| ** | 1.726000 | 744172.129 | 1056682.198 | 173.74492 | .000 |
| ** | 1.727000 | 744172.530 | 1056681.282 | 173.74492 | .000 |
| ** | 1.728000 | 744172.931 | 1056680.366 | 173.74492 | .000 |
| ** | 1.729000 | 744173.332 | 1056679.450 | 173.74492 | .000 |
| ** | 1.730000 | 744173.733 | 1056678.534 | 173.74492 | .000 |
| ** | 1.731000 | 744174.134 | 1056677.618 | 173.74492 | .000 |
| ** | 1.732000 | 744174.534 | 1056676.701 | 173.74492 | .000 |
| TP | 1.732599 | 744174.775 | 1056676.153 | 173.74492 | .000 |
| ** | 1.733000 | 744174.935 | 1056675.785 | 173.74164 | -3895.032 |
| ** | 1.734000 | 744175.336 | 1056674.869 | 173.70490 | -1113.880 |
| ** | 1.735000 | 744175.738 | 1056673.954 | 173.62734 | -649.862 |
| ** | 1.736000 | 744176.142 | 1056673.039 | 173.50897 | -458.755 |
| ** | 1.737000 | 744176.547 | 1056672.124 | 173.34979 | -354.504 |
| ** | 1.738000 | 744176.955 | 1056671.211 | 173.14981 | -288.862 |
| ** | 1.739000 | 744177.366 | 1056670.300 | 172.90902 | -243.731 |
| ** | 1.740000 | 744177.781 | 1056669.390 | 172.62741 | -210.796 |
| ** | 1.741000 | 744178.200 | 1056668.482 | 172.30500 | -185.703 |
| ** | 1.742000 | 744178.624 | 1056667.576 | 171.94178 | -165.948 |
| ** | 1.743000 | 744179.053 | 1056666.673 | 171.53775 | -149.993 |
| ** | 1.744000 | 744179.488 | 1056665.773 | 171.09291 | -136.836 |
| ** | 1.745000 | 744179.930 | 1056664.876 | 170.60727 | -125.801 |
| ** | 1.746000 | 744180.380 | 1056663.982 | 170.08081 | -116.413 |
| ** | 1.747000 | 744180.836 | 1056663.093 | 169.51354 | -108.329 |
| ** | 1.748000 | 744181.301 | 1056662.207 | 168.90547 | -101.295 |
| ** | 1.749000 | 744181.775 | 1056661.327 | 168.25659 | -95.119 |
| ** | 1.750000 | 744182.258 | 1056660.451 | 167.56689 | -89.653 |
| ** | 1.751000 | 744182.751 | 1056659.581 | 166.83639 | -84.780 |
| ** | 1.752000 | 744183.254 | 1056658.717 | 166.06508 | -80.410 |
| ** | 1.753000 | 744183.767 | 1056657.859 | 165.25296 | -76.469 |
| ** | 1.754000 | 744184.292 | 1056657.007 | 164.40004 | -72.895 |
| ** | 1.755000 | 744184.828 | 1056656.163 | 163.50630 | -69.641 |
| ** | 1.756000 | 744185.377 | 1056655.327 | 162.57175 | -66.665 |
| ** | 1.757000 | 744185.938 | 1056654.499 | 161.59640 | -63.933 |
| ** | 1.758000 | 744186.511 | 1056653.680 | 160.58023 | -61.416 |
| ** | 1.759000 | 744187.099 | 1056652.871 | 159.52326 | -59.090 |
| ** | 1.760000 | 744187.699 | 1056652.071 | 158.42548 | -56.933 |
| ** | 1.761000 | 744188.314 | 1056651.283 | 157.28689 | -54.929 |
| ** | 1.762000 | 744188.943 | 1056650.505 | 156.10749 | -53.060 |
| PK | 1.762599 | 744189.326 | 1056650.045 | 155.38148 | -52.001 |
| ** | 1.763000 | 744189.586 | 1056649.740 | 154.89055 | -52.000 |
| ** | 1.764000 | 744190.244 | 1056648.987 | 153.66628 | -52.000 |
| ** | 1.765000 | 744190.917 | 1056648.246 | 152.44202 | -52.000 |
| ** | 1.766000 | 744191.603 | 1056647.519 | 151.21775 | -52.000 |
| ** | 1.767000 | 744192.303 | 1056646.806 | 149.99348 | -52.000 |
| ** | 1.768000 | 744193.017 | 1056646.105 | 148.76921 | -52.000 |
| ** | 1.769000 | 744193.745 | 1056645.419 | 147.54494 | -52.000 |
| ** | 1.770000 | 744194.485 | 1056644.747 | 146.32067 | -52.000 |
| ** | 1.771000 | 744195.238 | 1056644.089 | 145.09640 | -52.000 |
| ** | 1.772000 | 744196.004 | 1056643.446 | 143.87213 | -52.000 |
| ** | 1.773000 | 744196.782 | 1056642.817 | 142.64787 | -52.000 |
| ** | 1.774000 | 744197.571 | 1056642.204 | 141.42360 | -52.000 |
| ** | 1.775000 | 744198.373 | 1056641.606 | 140.19933 | -52.000 |
| ** | 1.776000 | 744199.186 | 1056641.023 | 138.97506 | -52.000 |
| ** | 1.777000 | 744200.009 | 1056640.457 | 137.75079 | -52.000 |
| ** | 1.778000 | 744200.844 | 1056639.906 | 136.52652 | -52.000 |
| ** | 1.779000 | 744201.689 | 1056639.371 | 135.30225 | -52.000 |
| ** | 1.780000 | 744202.544 | 1056638.853 | 134.07798 | -52.000 |

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|----|----------|------------|-------------|-----------|-----------|
| ** | 1.781000 | 744203.409 | 1056638.351 | 132.85371 | -52.000 |
| ** | 1.782000 | 744204.284 | 1056637.866 | 131.62945 | -52.000 |
| ** | 1.783000 | 744205.167 | 1056637.398 | 130.40518 | -52.000 |
| ** | 1.784000 | 744206.060 | 1056636.947 | 129.18091 | -52.000 |
| ** | 1.785000 | 744206.961 | 1056636.513 | 127.95664 | -52.000 |
| ** | 1.786000 | 744207.870 | 1056636.096 | 126.73237 | -52.000 |
| ** | 1.787000 | 744208.787 | 1056635.697 | 125.50810 | -52.000 |
| ** | 1.788000 | 744209.711 | 1056635.316 | 124.28383 | -52.000 |
| ** | 1.789000 | 744210.643 | 1056634.953 | 123.05956 | -52.000 |
| ** | 1.790000 | 744211.581 | 1056634.608 | 121.83530 | -52.000 |
| KP | 1.790691 | 744212.234 | 1056634.380 | 120.98933 | -52.000 |
| | 1.791000 | 744212.526 | 1056634.280 | 120.61232 | -52.359 |
| ** | 1.792000 | 744213.477 | 1056633.971 | 119.41006 | -53.558 |
| ** | 1.793000 | 744214.434 | 1056633.680 | 118.23500 | -54.812 |
| ** | 1.794000 | 744215.396 | 1056633.406 | 117.08715 | -56.127 |
| ** | 1.795000 | 744216.362 | 1056633.149 | 115.96650 | -57.506 |
| ** | 1.796000 | 744217.333 | 1056632.910 | 114.87306 | -58.955 |
| ** | 1.797000 | 744218.308 | 1056632.686 | 113.80682 | -60.479 |
| ** | 1.798000 | 744219.286 | 1056632.479 | 112.76779 | -62.083 |
| ** | 1.799000 | 744220.268 | 1056632.288 | 111.75597 | -63.775 |
| ** | 1.800000 | 744221.252 | 1056632.112 | 110.77135 | -65.562 |
| ** | 1.801000 | 744222.239 | 1056631.951 | 109.81394 | -67.452 |
| ** | 1.802000 | 744223.228 | 1056631.805 | 108.88374 | -69.454 |
| ** | 1.803000 | 744224.219 | 1056631.673 | 107.98074 | -71.579 |
| ** | 1.804000 | 744225.212 | 1056631.554 | 107.10494 | -73.837 |
| ** | 1.805000 | 744226.207 | 1056631.450 | 106.25635 | -76.243 |
| ** | 1.806000 | 744227.203 | 1056631.358 | 105.43497 | -78.811 |
| ** | 1.807000 | 744228.200 | 1056631.279 | 104.64080 | -81.558 |
| ** | 1.808000 | 744229.197 | 1056631.212 | 103.87383 | -84.503 |
| ** | 1.809000 | 744230.196 | 1056631.157 | 103.13406 | -87.669 |
| ** | 1.810000 | 744231.195 | 1056631.114 | 102.42151 | -91.082 |
| ** | 1.811000 | 744232.194 | 1056631.081 | 101.73616 | -94.771 |
| ** | 1.812000 | 744233.194 | 1056631.059 | 101.07801 | -98.771 |
| ** | 1.813000 | 744234.194 | 1056631.047 | 100.44707 | -103.124 |
| ** | 1.814000 | 744235.194 | 1056631.045 | 99.84334 | -107.878 |
| ** | 1.815000 | 744236.194 | 1056631.052 | 99.26681 | -113.091 |
| ** | 1.816000 | 744237.194 | 1056631.068 | 98.71749 | -118.835 |
| ** | 1.817000 | 744238.194 | 1056631.092 | 98.19537 | -125.192 |
| ** | 1.818000 | 744239.193 | 1056631.124 | 97.70046 | -132.269 |
| ** | 1.819000 | 744240.192 | 1056631.164 | 97.23276 | -140.193 |
| ** | 1.820000 | 744241.191 | 1056631.211 | 96.79226 | -149.128 |
| ** | 1.821000 | 744242.190 | 1056631.265 | 96.37897 | -159.279 |
| ** | 1.822000 | 744243.188 | 1056631.325 | 95.99288 | -170.912 |
| ** | 1.823000 | 744244.186 | 1056631.390 | 95.63400 | -184.379 |
| ** | 1.824000 | 744245.183 | 1056631.461 | 95.30233 | -200.150 |
| ** | 1.825000 | 744246.180 | 1056631.538 | 94.99786 | -218.871 |
| ** | 1.826000 | 744247.177 | 1056631.618 | 94.72060 | -241.456 |
| ** | 1.827000 | 744248.173 | 1056631.703 | 94.47054 | -269.237 |
| ** | 1.828000 | 744249.169 | 1056631.792 | 94.24769 | -304.243 |
| ** | 1.829000 | 744250.165 | 1056631.883 | 94.05205 | -349.712 |
| ** | 1.830000 | 744251.161 | 1056631.978 | 93.88361 | -411.160 |
| ** | 1.831000 | 744252.156 | 1056632.075 | 93.74238 | -498.804 |
| ** | 1.832000 | 744253.151 | 1056632.174 | 93.62835 | -633.936 |
| ** | 1.833000 | 744254.146 | 1056632.275 | 93.54153 | -869.494 |
| ** | 1.834000 | 744255.141 | 1056632.377 | 93.48191 | -1383.615 |
| ** | 1.835000 | 744256.136 | 1056632.479 | 93.44951 | -3385.310 |
| PT | 1.835691 | 744256.823 | 1056632.550 | 93.44301 | .000 |
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| ** | 1.837000 | 744258.125 | 1056632.685 | 93.44301 | .000 |
| ** | 1.838000 | 744259.120 | 1056632.788 | 93.44301 | .000 |
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| ** | 1.841000 | 744262.104 | 1056633.096 | 93.44301 | .000 |
| ** | 1.842000 | 744263.098 | 1056633.199 | 93.44301 | .000 |
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| ** | 1.844000 | 744265.088 | 1056633.404 | 93.44301 | .000 |
| ** | 1.845000 | 744266.083 | 1056633.507 | 93.44301 | .000 |
| ** | 1.846000 | 744267.077 | 1056633.610 | 93.44301 | .000 |
| ** | 1.847000 | 744268.072 | 1056633.713 | 93.44301 | .000 |
| ** | 1.848000 | 744269.067 | 1056633.816 | 93.44301 | .000 |
| ** | 1.849000 | 744270.061 | 1056633.919 | 93.44301 | .000 |
| ** | 1.850000 | 744271.056 | 1056634.021 | 93.44301 | .000 |
| ** | 1.851000 | 744272.051 | 1056634.124 | 93.44301 | .000 |
| ** | 1.852000 | 744273.045 | 1056634.227 | 93.44301 | .000 |
| ** | 1.853000 | 744274.040 | 1056634.330 | 93.44301 | .000 |
| ** | 1.854000 | 744275.035 | 1056634.433 | 93.44301 | .000 |
| ** | 1.855000 | 744276.030 | 1056634.535 | 93.44301 | .000 |
| ** | 1.856000 | 744277.024 | 1056634.638 | 93.44301 | .000 |
| ** | 1.857000 | 744278.019 | 1056634.741 | 93.44301 | .000 |
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| | 1.858000 | 744279.014 | 1056634.844 | 93.37637 | -450.000 |
| ** | 1.859000 | 744280.008 | 1056634.949 | 93.23490 | -450.000 |
| ** | 1.860000 | 744281.002 | 1056635.056 | 93.09343 | -450.000 |
| ** | 1.861000 | 744281.996 | 1056635.166 | 92.95196 | -450.000 |
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| ** | 1.868000 | 744288.947 | 1056635.993 | 91.96166 | -450.000 |
| ** | 1.869000 | 744289.939 | 1056636.120 | 91.82019 | -450.000 |
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| ** | 1.877000 | 744297.864 | 1056637.216 | 90.68842 | -450.000 |
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| ** | 1.880000 | 744300.830 | 1056637.663 | 90.26401 | -450.000 |
| ** | 1.881000 | 744301.818 | 1056637.816 | 90.12254 | -450.000 |

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| ** | 1.882000 | 744302.806 | 1056637.972 | 89.98107 | -450.000 |
| ** | 1.883000 | 744303.794 | 1056638.130 | 89.83960 | -450.000 |
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| ** | 1.885000 | 744305.767 | 1056638.452 | 89.55665 | -450.000 |
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| ** | 1.914000 | 744334.206 | 1056644.106 | 85.45399 | -450.000 |
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| ** | 1.925000 | 744344.890 | 1056646.720 | 84.29058 | .000 |
| ** | 1.926000 | 744345.860 | 1056646.964 | 84.29058 | .000 |
| ** | 1.927000 | 744346.830 | 1056647.209 | 84.29058 | .000 |
| ** | 1.928000 | 744347.800 | 1056647.453 | 84.29058 | .000 |
| ** | 1.929000 | 744348.769 | 1056647.697 | 84.29058 | .000 |
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| ** | 1.933000 | 744352.648 | 1056648.674 | 84.29058 | .000 |
| ** | 1.934000 | 744353.618 | 1056648.919 | 84.29058 | .000 |
| ** | 1.935000 | 744354.588 | 1056649.163 | 84.29058 | .000 |
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| ** | 1.937000 | 744356.527 | 1056649.651 | 84.29058 | .000 |
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| ** | 1.984000 | 744402.648 | 1056658.522 | 92.14988 | 350.000 |
| ** | 1.985000 | 744403.640 | 1056658.644 | 92.33177 | 350.000 |
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| ** | 2.030000 | 744448.490 | 1056662.253 | 95.63892 | 1676.173 |
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| ** | 2.032000 | 744450.485 | 1056662.389 | 95.72431 | 1342.741 |
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| ** | 2.038000 | 744456.473 | 1056662.775 | 96.09367 | 840.909 |
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| ** | 2.066000 | 744484.451 | 1056663.790 | 99.59628 | 450.000 |
| ** | 2.067000 | 744485.451 | 1056663.795 | 99.73775 | 450.000 |
| ** | 2.068000 | 744486.451 | 1056663.798 | 99.87922 | 450.000 |
| ** | 2.069000 | 744487.451 | 1056663.799 | 100.02069 | 450.000 |
| ** | 2.070000 | 744488.451 | 1056663.798 | 100.16216 | 450.000 |
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| ** | 2.075000 | 744493.451 | 1056663.757 | 100.86952 | 450.000 |
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| ** | 2.077000 | 744495.450 | 1056663.726 | 101.15246 | 450.000 |
| ** | 2.078000 | 744496.450 | 1056663.706 | 101.29393 | 450.000 |
| ** | 2.079000 | 744497.450 | 1056663.685 | 101.43540 | 450.000 |
| ** | 2.080000 | 744498.450 | 1056663.661 | 101.57687 | 450.000 |
| ** | 2.081000 | 744499.449 | 1056663.635 | 101.71835 | 450.000 |
| ** | 2.082000 | 744500.449 | 1056663.607 | 101.85982 | 450.000 |
| ** | 2.083000 | 744501.448 | 1056663.577 | 102.00129 | 450.000 |
| ** | 2.084000 | 744502.448 | 1056663.544 | 102.14276 | 450.000 |

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| ** | 2.085000 | 744503.447 | 1056663.510 | 102.28423 | 450.000 |
| ** | 2.086000 | 744504.447 | 1056663.473 | 102.42570 | 450.000 |
| ** | 2.087000 | 744505.446 | 1056663.433 | 102.56717 | 450.000 |
| ** | 2.088000 | 744506.445 | 1056663.392 | 102.70864 | 450.000 |
| ** | 2.089000 | 744507.444 | 1056663.348 | 102.85011 | 450.000 |
| ** | 2.090000 | 744508.443 | 1056663.303 | 102.99159 | 450.000 |
| ** | 2.091000 | 744509.442 | 1056663.254 | 103.13306 | 450.000 |
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| ** | 2.093000 | 744511.439 | 1056663.152 | 103.41600 | 450.000 |
| ** | 2.094000 | 744512.438 | 1056663.097 | 103.55747 | 450.000 |
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| ** | 2.096000 | 744514.434 | 1056662.981 | 103.84041 | 450.000 |
| ** | 2.097000 | 744515.432 | 1056662.919 | 103.98188 | 450.000 |
| ** | 2.098000 | 744516.430 | 1056662.856 | 104.12335 | 450.000 |
| ** | 2.099000 | 744517.428 | 1056662.790 | 104.26482 | 450.000 |
| ** | 2.100000 | 744518.426 | 1056662.722 | 104.40630 | 450.000 |
| ** | 2.101000 | 744519.423 | 1056662.652 | 104.54777 | 450.000 |
| ** | 2.102000 | 744520.421 | 1056662.579 | 104.68924 | 450.000 |
| ** | 2.103000 | 744521.418 | 1056662.504 | 104.83071 | 450.000 |
| ** | 2.104000 | 744522.415 | 1056662.427 | 104.97218 | 450.000 |
| ** | 2.105000 | 744523.412 | 1056662.348 | 105.11365 | 450.000 |
| ** | 2.106000 | 744524.409 | 1056662.267 | 105.25512 | 450.000 |
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| ** | 2.108000 | 744526.401 | 1056662.098 | 105.53806 | 450.000 |
| ** | 2.109000 | 744527.398 | 1056662.010 | 105.67954 | 450.000 |
| ** | 2.110000 | 744528.393 | 1056661.919 | 105.82101 | 450.000 |
| ** | 2.111000 | 744529.389 | 1056661.827 | 105.96248 | 450.000 |
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| ** | 2.113000 | 744531.380 | 1056661.636 | 106.24542 | 450.000 |
| ** | 2.114000 | 744532.375 | 1056661.537 | 106.38689 | 450.000 |
| ** | 2.115000 | 744533.370 | 1056661.435 | 106.52836 | 450.000 |
| KP | 2.115229 | 744533.597 | 1056661.412 | 106.56073 | 450.000 |
| ** | 2.116000 | 744534.365 | 1056661.332 | 106.66913 | 455.860 |
| ** | 2.117000 | 744535.359 | 1056661.226 | 106.80761 | 463.688 |
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| ** | 2.119000 | 744537.347 | 1056661.008 | 107.07748 | 480.181 |
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| ** | 2.122000 | 744540.327 | 1056660.666 | 107.46461 | 507.245 |
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| ** | 2.124000 | 744542.313 | 1056660.429 | 107.71090 | 527.048 |
| ** | 2.125000 | 744543.306 | 1056660.307 | 107.83051 | 537.541 |
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| ** | 2.127000 | 744545.290 | 1056660.058 | 108.06266 | 559.832 |
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| ** | 2.166000 | 744583.837 | 1056654.150 | 110.70445 | 2925.634 |
| ** | 2.167000 | 744584.823 | 1056653.982 | 110.72503 | 3281.172 |
| ** | 2.168000 | 744585.809 | 1056653.814 | 110.74325 | 3735.077 |
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| ** | 2.170000 | 744587.780 | 1056653.478 | 110.77263 | 5163.741 |
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| | | | | | | |
|----|--|----------|------------|-------------|-----------|-----------|
| ** | | 2.186000 | 744603.554 | 1056650.798 | 110.40093 | -813.602 |
| ** | | 2.187000 | 744604.541 | 1056650.636 | 110.31889 | -741.757 |
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| ** | | 2.205000 | 744622.355 | 1056648.061 | 107.54626 | -286.450 |
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| ** | | 2.231000 | 744648.278 | 1056646.188 | 101.63652 | -280.000 |
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| ** | 2.341000 | 744757.931 | 1056654.168 | 95.45191 | 482.280 |
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| ** | 2.343000 | 744759.926 | 1056654.306 | 95.72918 | 438.247 |
| ** | 2.344000 | 744760.924 | 1056654.372 | 95.87776 | 419.114 |
| ** | 2.345000 | 744761.922 | 1056654.436 | 96.03298 | 401.582 |
| ** | 2.346000 | 744762.920 | 1056654.497 | 96.19482 | 385.458 |
| ** | 2.347000 | 744763.918 | 1056654.555 | 96.36329 | 370.578 |
| ** | 2.348000 | 744764.917 | 1056654.611 | 96.53840 | 356.805 |
| ** | 2.349000 | 744765.915 | 1056654.664 | 96.72014 | 344.019 |
| ** | 2.350000 | 744766.914 | 1056654.714 | 96.90851 | 332.117 |
| ** | 2.351000 | 744767.913 | 1056654.761 | 97.10351 | 321.012 |
| ** | 2.352000 | 744768.912 | 1056654.805 | 97.30514 | 310.625 |
| ** | 2.353000 | 744769.911 | 1056654.845 | 97.51341 | 300.889 |
| ** | 2.354000 | 744770.911 | 1056654.883 | 97.72830 | 291.745 |
| ** | 2.355000 | 744771.910 | 1056654.917 | 97.94983 | 283.140 |
| ** | 2.356000 | 744772.910 | 1056654.947 | 98.17799 | 275.029 |
| ** | 2.357000 | 744773.909 | 1056654.974 | 98.41278 | 267.369 |
| ** | 2.358000 | 744774.909 | 1056654.997 | 98.65420 | 260.124 |
| ** | 2.359000 | 744775.909 | 1056655.016 | 98.90225 | 253.262 |
| ** | 2.360000 | 744776.909 | 1056655.031 | 99.15693 | 246.752 |
| ** | 2.361000 | 744777.909 | 1056655.043 | 99.41825 | 240.569 |
| PK | 2.361095 | 744778.003 | 1056655.043 | 99.44330 | 240.000 |
| ** | 2.362000 | 744778.909 | 1056655.050 | 99.68348 | 240.000 |
| ** | 2.363000 | 744779.909 | 1056655.053 | 99.94874 | 240.000 |
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| ** | 2.365000 | 744781.909 | 1056655.046 | 100.47925 | 240.000 |
| ** | 2.366000 | 744782.909 | 1056655.036 | 100.74451 | 240.000 |
| ** | 2.367000 | 744783.908 | 1056655.022 | 101.00977 | 240.000 |
| ** | 2.368000 | 744784.908 | 1056655.005 | 101.27503 | 240.000 |
| ** | 2.369000 | 744785.908 | 1056654.982 | 101.54029 | 240.000 |
| ** | 2.370000 | 744786.908 | 1056654.956 | 101.80554 | 240.000 |
| ** | 2.371000 | 744787.907 | 1056654.926 | 102.07080 | 240.000 |
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| ** | 2.374000 | 744790.905 | 1056654.809 | 102.86658 | 240.000 |
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| ** | 2.378000 | 744794.899 | 1056654.596 | 103.92761 | 240.000 |
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| ** | 2.380000 | 744796.895 | 1056654.464 | 104.45813 | 240.000 |
| ** | 2.381000 | 744797.892 | 1056654.392 | 104.72339 | 240.000 |
| ** | 2.382000 | 744798.889 | 1056654.316 | 104.98864 | 240.000 |
| ** | 2.383000 | 744799.886 | 1056654.236 | 105.25390 | 240.000 |
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| ** | 2.385000 | 744801.879 | 1056654.063 | 105.78442 | 240.000 |
| ** | 2.386000 | 744802.874 | 1056653.970 | 106.04968 | 240.000 |
| ** | 2.387000 | 744803.870 | 1056653.873 | 106.31493 | 240.000 |
| ** | 2.388000 | 744804.864 | 1056653.772 | 106.58019 | 240.000 |

| | | | | | |
|----|----------|------------|-------------|-----------|-----------|
| ** | 2.389000 | 744805.859 | 1056653.667 | 106.84545 | 240.000 |
| ** | 2.390000 | 744806.853 | 1056653.557 | 107.11071 | 240.000 |
| ** | 2.391000 | 744807.846 | 1056653.444 | 107.37597 | 240.000 |
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| ** | 2.394000 | 744810.824 | 1056653.078 | 108.17174 | 240.000 |
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| ** | 2.396000 | 744812.806 | 1056652.814 | 108.70226 | 240.000 |
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| ** | 2.398000 | 744814.787 | 1056652.533 | 109.23278 | 240.000 |
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| ** | 2.400000 | 744816.764 | 1056652.236 | 109.76329 | 240.000 |
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| ** | 2.402000 | 744818.740 | 1056651.922 | 110.29381 | 240.000 |
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| ** | 2.407000 | 744823.666 | 1056651.066 | 111.62010 | 240.000 |
| ** | 2.408000 | 744824.649 | 1056650.882 | 111.88536 | 240.000 |
| ** | 2.409000 | 744825.631 | 1056650.695 | 112.15062 | 240.000 |
| ** | 2.410000 | 744826.612 | 1056650.503 | 112.41587 | 240.000 |
| ** | 2.411000 | 744827.593 | 1056650.307 | 112.68113 | 240.000 |
| ** | 2.412000 | 744828.573 | 1056650.107 | 112.94639 | 240.000 |
| ** | 2.413000 | 744829.552 | 1056649.903 | 113.21165 | 240.000 |
| ** | 2.414000 | 744830.530 | 1056649.695 | 113.47691 | 240.000 |
| ** | 2.415000 | 744831.507 | 1056649.483 | 113.74217 | 240.000 |
| ** | 2.416000 | 744832.484 | 1056649.267 | 114.00742 | 240.000 |
| ** | 2.417000 | 744833.459 | 1056649.046 | 114.27268 | 240.000 |
| ** | 2.418000 | 744834.433 | 1056648.822 | 114.53794 | 240.000 |
| ** | 2.419000 | 744835.407 | 1056648.594 | 114.80320 | 240.000 |
| ** | 2.420000 | 744836.380 | 1056648.361 | 115.06846 | 240.000 |
| ** | 2.421000 | 744837.351 | 1056648.125 | 115.33371 | 240.000 |
| ** | 2.422000 | 744838.322 | 1056647.884 | 115.59897 | 240.000 |
| ** | 2.423000 | 744839.292 | 1056647.639 | 115.86423 | 240.000 |
| ** | 2.424000 | 744840.260 | 1056647.391 | 116.12949 | 240.000 |
| ** | 2.425000 | 744841.228 | 1056647.138 | 116.39475 | 240.000 |
| ** | 2.426000 | 744842.194 | 1056646.881 | 116.66001 | 240.000 |
| ** | 2.427000 | 744843.160 | 1056646.621 | 116.92526 | 240.000 |
| ** | 2.428000 | 744844.124 | 1056646.356 | 117.19052 | 240.000 |
| ** | 2.429000 | 744845.087 | 1056646.087 | 117.45578 | 240.000 |
| ** | 2.430000 | 744846.049 | 1056645.814 | 117.72104 | 240.000 |
| ** | 2.431000 | 744847.010 | 1056645.538 | 117.98630 | 240.000 |
| ** | 2.432000 | 744847.970 | 1056645.257 | 118.25156 | 240.000 |
| ** | 2.433000 | 744848.928 | 1056644.972 | 118.51681 | 240.000 |
| ** | 2.434000 | 744849.886 | 1056644.683 | 118.78207 | 240.000 |
| ** | 2.435000 | 744850.842 | 1056644.390 | 119.04733 | 240.000 |
| KP | 2.435366 | 744851.191 | 1056644.282 | 119.14430 | 240.000 |
| ** | 2.436000 | 744851.797 | 1056644.094 | 119.31081 | 245.185 |
| ** | 2.437000 | 744852.751 | 1056643.793 | 119.56604 | 253.829 |
| ** | 2.438000 | 744853.703 | 1056643.489 | 119.81242 | 263.104 |
| ** | 2.439000 | 744854.655 | 1056643.181 | 120.04997 | 273.083 |
| ** | 2.440000 | 744855.605 | 1056642.869 | 120.27867 | 283.849 |
| ** | 2.441000 | 744856.554 | 1056642.554 | 120.49853 | 295.499 |
| ** | 2.442000 | 744857.502 | 1056642.236 | 120.70955 | 308.146 |
| ** | 2.443000 | 744858.449 | 1056641.915 | 120.91172 | 321.923 |
| ** | 2.444000 | 744859.395 | 1056641.591 | 121.10506 | 336.991 |
| ** | 2.445000 | 744860.340 | 1056641.264 | 121.28955 | 353.538 |
| ** | 2.446000 | 744861.284 | 1056640.935 | 121.46520 | 371.794 |
| ** | 2.447000 | 744862.228 | 1056640.603 | 121.63201 | 392.038 |
| ** | 2.448000 | 744863.170 | 1056640.268 | 121.78997 | 414.613 |
| ** | 2.449000 | 744864.112 | 1056639.932 | 121.93910 | 439.948 |
| ** | 2.450000 | 744865.053 | 1056639.593 | 122.07938 | 468.580 |
| ** | 2.451000 | 744865.993 | 1056639.252 | 122.21082 | 501.198 |
| ** | 2.452000 | 744866.932 | 1056638.909 | 122.33342 | 538.697 |
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| ** | 2.454000 | 744868.809 | 1056638.218 | 122.55209 | 633.492 |
| ** | 2.455000 | 744869.747 | 1056637.871 | 122.64816 | 694.606 |
| ** | 2.456000 | 744870.684 | 1056637.522 | 122.73540 | 768.772 |
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| ** | 2.459000 | 744873.493 | 1056636.468 | 122.94404 | 1131.083 |
| ** | 2.460000 | 744874.428 | 1056636.115 | 122.99590 | 1341.886 |
| ** | 2.461000 | 744875.364 | 1056635.761 | 123.03892 | 1649.265 |
| ** | 2.462000 | 744876.299 | 1056635.407 | 123.07310 | 2139.303 |
| ** | 2.463000 | 744877.234 | 1056635.052 | 123.09844 | 3043.648 |
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| ** | 2.465000 | 744879.103 | 1056634.342 | 123.12259 | 19694.626 |
| PT | 2.465366 | 744879.445 | 1056634.212 | 123.12318 | .000 |
| ** | 2.466000 | 744880.038 | 1056633.987 | 123.12318 | .000 |
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| ** | 2.471000 | 744884.712 | 1056632.210 | 123.12318 | .000 |
| ** | 2.472000 | 744885.647 | 1056631.855 | 123.12318 | .000 |
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| ** | 2.474000 | 744887.516 | 1056631.144 | 123.12318 | .000 |
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| ** | 2.477000 | 744890.320 | 1056630.079 | 123.12318 | .000 |
| ** | 2.478000 | 744891.255 | 1056629.723 | 123.12318 | .000 |
| ** | 2.479000 | 744892.190 | 1056629.368 | 123.12318 | .000 |
| ** | 2.480000 | 744893.125 | 1056629.013 | 123.12318 | .000 |
| ** | 2.481000 | 744894.059 | 1056628.657 | 123.12318 | .000 |
| ** | 2.482000 | 744894.994 | 1056628.302 | 123.12318 | .000 |
| ** | 2.483000 | 744895.929 | 1056627.947 | 123.12318 | .000 |
| ** | 2.484000 | 744896.864 | 1056627.592 | 123.12318 | .000 |
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| ** | 2.486000 | 744898.733 | 1056626.881 | 123.12318 | .000 |
| ** | 2.487000 | 744899.668 | 1056626.526 | 123.12318 | .000 |
| ** | 2.488000 | 744900.603 | 1056626.170 | 123.12318 | .000 |
| ** | 2.489000 | 744901.538 | 1056625.815 | 123.12318 | .000 |
| ** | 2.490000 | 744902.472 | 1056625.460 | 123.12318 | .000 |

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| ** | 2.491000 | 744903.407 | 1056625.105 | 123.12318 | .000 |
| ** | 2.492000 | 744904.342 | 1056624.749 | 123.12318 | .000 |
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| ** | 2.500000 | 744911.820 | 1056621.907 | 123.12318 | .000 |
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| ** | 2.504000 | 744915.559 | 1056620.486 | 123.12318 | .000 |
| ** | 2.505000 | 744916.494 | 1056620.131 | 123.12318 | .000 |
| ** | 2.506000 | 744917.428 | 1056619.775 | 123.12318 | .000 |
| ** | 2.507000 | 744918.363 | 1056619.420 | 123.12318 | .000 |
| ** | 2.508000 | 744919.298 | 1056619.065 | 123.12318 | .000 |
| ** | 2.509000 | 744920.233 | 1056618.710 | 123.12318 | .000 |
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| ** | 2.514000 | 744924.907 | 1056616.933 | 123.12318 | .000 |
| ** | 2.515000 | 744925.841 | 1056616.578 | 123.12318 | .000 |
| ** | 2.516000 | 744926.776 | 1056616.223 | 123.12318 | .000 |
| ** | 2.517000 | 744927.711 | 1056615.867 | 123.12318 | .000 |
| ** | 2.518000 | 744928.646 | 1056615.512 | 123.12318 | .000 |
| ** | 2.519000 | 744929.580 | 1056615.157 | 123.12318 | .000 |
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| ** | 2.522000 | 744932.385 | 1056614.091 | 123.12318 | .000 |
| ** | 2.523000 | 744933.319 | 1056613.736 | 123.12318 | .000 |
| ** | 2.524000 | 744934.254 | 1056613.380 | 123.12318 | .000 |
| ** | 2.525000 | 744935.189 | 1056613.025 | 123.12318 | .000 |
| ** | 2.526000 | 744936.124 | 1056612.670 | 123.12318 | .000 |
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| ** | 2.529000 | 744938.928 | 1056611.604 | 123.12318 | .000 |
| ** | 2.530000 | 744939.863 | 1056611.249 | 123.12318 | .000 |
| ** | 2.531000 | 744940.797 | 1056610.893 | 123.12318 | .000 |
| ** | 2.532000 | 744941.732 | 1056610.538 | 123.12318 | .000 |
| ** | 2.533000 | 744942.667 | 1056610.183 | 123.12318 | .000 |
| ** | 2.534000 | 744943.602 | 1056609.827 | 123.12318 | .000 |
| ** | 2.535000 | 744944.536 | 1056609.472 | 123.12318 | .000 |
| ** | 2.536000 | 744945.471 | 1056609.117 | 123.12318 | .000 |
| ** | 2.537000 | 744946.406 | 1056608.762 | 123.12318 | .000 |
| ** | 2.538000 | 744947.341 | 1056608.406 | 123.12318 | .000 |
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| ** | 2.540000 | 744949.210 | 1056607.696 | 123.12318 | .000 |
| ** | 2.541000 | 744950.145 | 1056607.340 | 123.12318 | .000 |
| ** | 2.542000 | 744951.080 | 1056606.985 | 123.12318 | .000 |
| ** | 2.543000 | 744952.014 | 1056606.630 | 123.12318 | .000 |
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| ** | 2.567000 | 744974.449 | 1056598.103 | 123.12318 | .000 |
| ** | 2.568000 | 744975.383 | 1056597.748 | 123.12318 | .000 |
| ** | 2.569000 | 744976.318 | 1056597.392 | 123.12318 | .000 |
| ** | 2.570000 | 744977.253 | 1056597.037 | 123.12318 | .000 |
| ** | 2.571000 | 744978.188 | 1056596.682 | 123.12318 | .000 |
| ** | 2.572000 | 744979.122 | 1056596.327 | 123.12318 | .000 |
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| ** | 2.576000 | 744982.862 | 1056594.905 | 123.12318 | .000 |
| ** | 2.576830 | 744983.637 | 1056594.611 | 123.12318 | 140.000 |
| TK | 2.577000 | 744983.796 | 1056594.550 | 123.20066 | 140.000 |
| ** | 2.578000 | 744984.729 | 1056594.190 | 123.65539 | 140.000 |
| ** | 2.579000 | 744985.660 | 1056593.824 | 124.11012 | 140.000 |
| ** | 2.580000 | 744986.588 | 1056593.451 | 124.56485 | 140.000 |
| ** | 2.581000 | 744987.513 | 1056593.071 | 125.01958 | 140.000 |
| ** | 2.582000 | 744988.435 | 1056592.685 | 125.47430 | 140.000 |
| ** | 2.583000 | 744989.355 | 1056592.292 | 125.92903 | 140.000 |
| ** | 2.584000 | 744990.271 | 1056591.893 | 126.38376 | 140.000 |
| ** | 2.585000 | 744991.185 | 1056591.487 | 126.83849 | 140.000 |
| ** | 2.586000 | 744992.096 | 1056591.074 | 127.29322 | 140.000 |
| ** | 2.587000 | 744993.004 | 1056590.655 | 127.74795 | 140.000 |
| ** | 2.588000 | 744993.909 | 1056590.230 | 128.20267 | 140.000 |
| ** | 2.589000 | 744994.811 | 1056589.798 | 128.65740 | 140.000 |
| ** | 2.590000 | 744995.710 | 1056589.360 | 129.11213 | 140.000 |
| ** | 2.591000 | 744996.606 | 1056588.915 | 129.56686 | 140.000 |
| ** | 2.592000 | 744997.498 | 1056588.464 | 130.02159 | 140.000 |
| ** | 2.593000 | 744998.387 | 1056588.006 | 130.47632 | 140.000 |

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| ** | 2.594000 | 744999.273 | 1056587.543 | 130.93104 | 140.000 |
| ** | 2.595000 | 745000.156 | 1056587.072 | 131.38577 | 140.000 |
| ** | 2.596000 | 745001.035 | 1056586.596 | 131.84050 | 140.000 |
| ** | 2.597000 | 745001.911 | 1056586.113 | 132.29523 | 140.000 |
| ** | 2.598000 | 745002.783 | 1056585.624 | 132.74996 | 140.000 |
| ** | 2.599000 | 745003.652 | 1056585.129 | 133.20469 | 140.000 |
| ** | 2.600000 | 745004.517 | 1056584.628 | 133.65942 | 140.000 |
| ** | 2.601000 | 745005.379 | 1056584.120 | 134.11414 | 140.000 |
| ** | 2.602000 | 745006.237 | 1056583.607 | 134.56887 | 140.000 |
| ** | 2.603000 | 745007.091 | 1056583.087 | 135.02360 | 140.000 |
| ** | 2.604000 | 745007.942 | 1056582.561 | 135.47833 | 140.000 |
| ** | 2.605000 | 745008.789 | 1056582.029 | 135.93306 | 140.000 |
| ** | 2.606000 | 745009.632 | 1056581.491 | 136.38779 | 140.000 |
| ** | 2.607000 | 745010.471 | 1056580.947 | 136.84251 | 140.000 |
| ** | 2.608000 | 745011.306 | 1056580.397 | 137.29724 | 140.000 |
| ** | 2.609000 | 745012.137 | 1056579.842 | 137.75197 | 140.000 |
| ** | 2.610000 | 745012.964 | 1056579.280 | 138.20670 | 140.000 |
| ** | 2.611000 | 745013.788 | 1056578.712 | 138.66143 | 140.000 |
| ** | 2.612000 | 745014.607 | 1056578.138 | 139.11616 | 140.000 |
| ** | 2.613000 | 745015.422 | 1056577.559 | 139.57088 | 140.000 |
| ** | 2.614000 | 745016.233 | 1056576.974 | 140.02561 | 140.000 |
| ** | 2.615000 | 745017.039 | 1056576.383 | 140.48034 | 140.000 |
| ** | 2.616000 | 745017.842 | 1056575.786 | 140.93507 | 140.000 |
| ** | 2.617000 | 745018.640 | 1056575.184 | 141.38980 | 140.000 |
| ** | 2.618000 | 745019.434 | 1056574.575 | 141.84453 | 140.000 |
| ** | 2.619000 | 745020.223 | 1056573.962 | 142.29926 | 140.000 |
| ** | 2.620000 | 745021.008 | 1056573.342 | 142.75398 | 140.000 |
| ** | 2.621000 | 745021.789 | 1056572.717 | 143.20871 | 140.000 |
| ** | 2.622000 | 745022.565 | 1056572.087 | 143.66344 | 140.000 |
| ** | 2.623000 | 745023.337 | 1056571.451 | 144.11817 | 140.000 |
| ** | 2.624000 | 745024.104 | 1056570.809 | 144.57290 | 140.000 |
| KP | 2.624772 | 745024.692 | 1056570.310 | 144.92378 | 140.000 |
| ** | 2.625000 | 745024.866 | 1056570.162 | 145.02703 | 141.617 |
| ** | 2.626000 | 745025.624 | 1056569.510 | 145.46520 | 149.161 |
| ** | 2.627000 | 745026.377 | 1056568.852 | 145.88063 | 157.554 |
| ** | 2.628000 | 745027.127 | 1056568.190 | 146.27333 | 166.949 |
| ** | 2.629000 | 745027.872 | 1056567.523 | 146.64329 | 177.534 |
| ** | 2.630000 | 745028.614 | 1056566.852 | 146.99051 | 189.552 |
| ** | 2.631000 | 745029.352 | 1056566.177 | 147.31499 | 203.316 |
| ** | 2.632000 | 745030.086 | 1056565.499 | 147.61674 | 219.236 |
| ** | 2.633000 | 745030.818 | 1056564.817 | 147.89576 | 237.860 |
| ** | 2.634000 | 745031.547 | 1056564.132 | 148.15203 | 259.942 |
| ** | 2.635000 | 745032.273 | 1056563.445 | 148.38557 | 286.544 |
| ** | 2.636000 | 745032.996 | 1056562.755 | 148.59638 | 319.211 |
| ** | 2.637000 | 745033.718 | 1056562.062 | 148.78445 | 360.285 |
| ** | 2.638000 | 745034.437 | 1056561.368 | 148.94978 | 413.489 |
| ** | 2.639000 | 745035.155 | 1056560.671 | 149.09237 | 485.131 |
| ** | 2.640000 | 745035.872 | 1056559.974 | 149.21223 | 586.801 |
| ** | 2.641000 | 745036.587 | 1056559.275 | 149.30935 | 742.384 |
| ** | 2.642000 | 745037.301 | 1056558.575 | 149.38374 | 1010.234 |
| ** | 2.643000 | 745038.015 | 1056557.875 | 149.43538 | 1580.461 |
| ** | 2.644000 | 745038.728 | 1056557.174 | 149.46430 | 3628.657 |
| PT | 2.644772 | 745039.278 | 1056556.633 | 149.47107 | .000 |
| ** | 2.645000 | 745039.441 | 1056556.472 | 149.47107 | .000 |
| ** | 2.646000 | 745040.154 | 1056555.771 | 149.47107 | .000 |
| ** | 2.647000 | 745040.867 | 1056555.070 | 149.47107 | .000 |
| ** | 2.648000 | 745041.580 | 1056554.369 | 149.47107 | .000 |
| ** | 2.649000 | 745042.293 | 1056553.668 | 149.47107 | .000 |
| ** | 2.650000 | 745043.006 | 1056552.966 | 149.47107 | .000 |
| ** | 2.651000 | 745043.719 | 1056552.265 | 149.47107 | .000 |
| ** | 2.652000 | 745044.432 | 1056551.564 | 149.47107 | .000 |
| ** | 2.653000 | 745045.145 | 1056550.863 | 149.47107 | .000 |
| ** | 2.654000 | 745045.858 | 1056550.162 | 149.47107 | .000 |
| ** | 2.655000 | 745046.570 | 1056549.460 | 149.47107 | .000 |
| ** | 2.656000 | 745047.283 | 1056548.759 | 149.47107 | .000 |
| ** | 2.657000 | 745047.996 | 1056548.058 | 149.47107 | .000 |
| ** | 2.658000 | 745048.709 | 1056547.357 | 149.47107 | .000 |
| ** | 2.659000 | 745049.422 | 1056546.656 | 149.47107 | .000 |
| ** | 2.660000 | 745050.135 | 1056545.954 | 149.47107 | .000 |
| ** | 2.661000 | 745050.848 | 1056545.253 | 149.47107 | .000 |
| ** | 2.662000 | 745051.561 | 1056544.552 | 149.47107 | .000 |
| ** | 2.663000 | 745052.274 | 1056543.851 | 149.47107 | .000 |
| ** | 2.664000 | 745052.987 | 1056543.149 | 149.47107 | .000 |
| ** | 2.665000 | 745053.700 | 1056542.448 | 149.47107 | .000 |
| TP | 2.665456 | 745054.025 | 1056542.129 | 149.47107 | .000 |
| ** | 2.666000 | 745054.413 | 1056541.747 | 149.47200 | 18634.530 |
| ** | 2.667000 | 745055.126 | 1056541.046 | 149.47855 | 6566.715 |
| ** | 2.668000 | 745055.839 | 1056540.344 | 149.49138 | 3985.612 |
| ** | 2.669000 | 745056.551 | 1056539.643 | 149.51050 | 2861.052 |
| ** | 2.670000 | 745057.264 | 1056538.941 | 149.53589 | 2231.440 |
| ** | 2.671000 | 745057.976 | 1056538.239 | 149.56756 | 1828.954 |
| ** | 2.672000 | 745058.688 | 1056537.537 | 149.60550 | 1549.475 |
| ** | 2.673000 | 745059.399 | 1056536.834 | 149.64973 | 1344.088 |
| ** | 2.674000 | 745060.109 | 1056536.130 | 149.70023 | 1186.777 |
| ** | 2.675000 | 745060.820 | 1056535.426 | 149.75701 | 1062.431 |
| ** | 2.676000 | 745061.529 | 1056534.721 | 149.82007 | 961.671 |
| ** | 2.677000 | 745062.238 | 1056534.016 | 149.88941 | 878.367 |
| ** | 2.678000 | 745062.946 | 1056533.309 | 149.96503 | 808.345 |
| ** | 2.679000 | 745063.653 | 1056532.602 | 150.04692 | 748.663 |
| ** | 2.680000 | 745064.359 | 1056531.894 | 150.13510 | 697.187 |
| ** | 2.681000 | 745065.064 | 1056531.185 | 150.22955 | 652.335 |
| ** | 2.682000 | 745065.768 | 1056530.475 | 150.33028 | 612.905 |
| ** | 2.683000 | 745066.471 | 1056529.764 | 150.43729 | 577.970 |
| ** | 2.684000 | 745067.172 | 1056529.051 | 150.55057 | 546.803 |
| ** | 2.685000 | 745067.873 | 1056528.337 | 150.67014 | 518.825 |
| ** | 2.686000 | 745068.572 | 1056527.622 | 150.79598 | 493.571 |
| ** | 2.687000 | 745069.269 | 1056526.905 | 150.92810 | 470.661 |
| ** | 2.688000 | 745069.965 | 1056526.187 | 151.06650 | 449.784 |
| ** | 2.689000 | 745070.659 | 1056525.468 | 151.21118 | 430.680 |
| ** | 2.690000 | 745071.352 | 1056524.746 | 151.36214 | 413.133 |
| ** | 2.691000 | 745072.043 | 1056524.023 | 151.51937 | 396.960 |
| ** | 2.692000 | 745072.732 | 1056523.299 | 151.68289 | 382.005 |
| ** | 2.693000 | 745073.419 | 1056522.572 | 151.85268 | 368.136 |
| ** | 2.694000 | 745074.105 | 1056521.844 | 152.02875 | 355.239 |

| | | | | | |
|----|----------|------------|-------------|-----------|-----------|
| ** | 2.695000 | 745074.788 | 1056521.114 | 152.21110 | 343.215 |
| ** | 2.696000 | 745075.469 | 1056520.381 | 152.39972 | 331.978 |
| ** | 2.697000 | 745076.148 | 1056519.647 | 152.59463 | 321.454 |
| ** | 2.698000 | 745076.824 | 1056518.911 | 152.79581 | 311.577 |
| ** | 2.699000 | 745077.498 | 1056518.172 | 153.00327 | 302.288 |
| ** | 2.700000 | 745078.170 | 1056517.431 | 153.21701 | 293.537 |
| ** | 2.701000 | 745078.839 | 1056516.688 | 153.43703 | 285.279 |
| ** | 2.702000 | 745079.506 | 1056515.943 | 153.66332 | 277.473 |
| ** | 2.703000 | 745080.170 | 1056515.195 | 153.89590 | 270.082 |
| ** | 2.704000 | 745080.831 | 1056514.445 | 154.13475 | 263.075 |
| ** | 2.705000 | 745081.489 | 1056513.692 | 154.37988 | 256.422 |
| ** | 2.706000 | 745082.145 | 1056512.937 | 154.63129 | 250.098 |
| ** | 2.707000 | 745082.797 | 1056512.179 | 154.88898 | 244.078 |
| ** | 2.708000 | 745083.446 | 1056511.418 | 155.15294 | 238.341 |
| ** | 2.709000 | 745084.092 | 1056510.655 | 155.42319 | 232.867 |
| ** | 2.710000 | 745084.735 | 1056509.889 | 155.69971 | 227.639 |
| ** | 2.711000 | 745085.374 | 1056509.120 | 155.98251 | 222.641 |
| ** | 2.712000 | 745086.010 | 1056508.348 | 156.27159 | 217.858 |
| ** | 2.713000 | 745086.642 | 1056507.573 | 156.56695 | 213.275 |
| ** | 2.714000 | 745087.271 | 1056506.796 | 156.86858 | 208.882 |
| ** | 2.715000 | 745087.896 | 1056506.015 | 157.17650 | 204.666 |
| ** | 2.716000 | 745088.517 | 1056505.231 | 157.49069 | 200.617 |
| ** | 2.717000 | 745089.134 | 1056504.445 | 157.81116 | 196.725 |
| ** | 2.718000 | 745089.748 | 1056503.655 | 158.13791 | 192.981 |
| ** | 2.719000 | 745090.357 | 1056502.862 | 158.47094 | 189.376 |
| ** | 2.720000 | 745090.962 | 1056502.065 | 158.81024 | 185.904 |
| ** | 2.721000 | 745091.562 | 1056501.266 | 159.15583 | 182.557 |
| ** | 2.722000 | 745092.159 | 1056500.463 | 159.50769 | 179.329 |
| ** | 2.723000 | 745092.750 | 1056499.657 | 159.86583 | 176.213 |
| ** | 2.724000 | 745093.338 | 1056498.848 | 160.23025 | 173.203 |
| ** | 2.725000 | 745093.920 | 1056498.035 | 160.60094 | 170.294 |
| ** | 2.726000 | 745094.498 | 1056497.218 | 160.97792 | 167.481 |
| ** | 2.727000 | 745095.071 | 1056496.399 | 161.36117 | 164.760 |
| ** | 2.728000 | 745095.638 | 1056495.576 | 161.75070 | 162.125 |
| ** | 2.729000 | 745096.201 | 1056494.749 | 162.14651 | 159.574 |
| ** | 2.730000 | 745096.759 | 1056493.919 | 162.54860 | 157.102 |
| ** | 2.731000 | 745097.311 | 1056493.085 | 162.95697 | 154.705 |
| ** | 2.732000 | 745097.858 | 1056492.248 | 163.37161 | 152.380 |
| ** | 2.733000 | 745098.399 | 1056491.407 | 163.79254 | 150.124 |
| ** | 2.734000 | 745098.935 | 1056490.563 | 164.21974 | 147.934 |
| ** | 2.735000 | 745099.465 | 1056489.715 | 164.65322 | 145.807 |
| ** | 2.736000 | 745099.989 | 1056488.863 | 165.09298 | 143.740 |
| ** | 2.737000 | 745100.508 | 1056488.008 | 165.53901 | 141.731 |
| ** | 2.738000 | 745101.020 | 1056487.149 | 165.99133 | 139.777 |
| ** | 2.739000 | 745101.526 | 1056486.287 | 166.44992 | 137.876 |
| ** | 2.740000 | 745102.026 | 1056485.421 | 166.91479 | 136.027 |
| ** | 2.741000 | 745102.519 | 1056484.551 | 167.38594 | 134.226 |
| ** | 2.742000 | 745103.006 | 1056483.677 | 167.86337 | 132.473 |
| ** | 2.743000 | 745103.486 | 1056482.800 | 168.34708 | 130.764 |
| ** | 2.743456 | 745103.703 | 1056482.399 | 168.56966 | 130.000 |
| ** | 2.744000 | 745103.960 | 1056481.920 | 168.83613 | 130.000 |
| ** | 2.745000 | 745104.427 | 1056481.035 | 169.32584 | 130.000 |
| ** | 2.746000 | 745104.887 | 1056480.147 | 169.81555 | 130.000 |
| ** | 2.746921 | 745105.304 | 1056479.327 | 170.26638 | 130.000 |
| ** | 2.747000 | 745105.340 | 1056479.256 | 170.30522 | 130.259 |
| ** | 2.748000 | 745105.786 | 1056478.361 | 170.78783 | 133.605 |
| ** | 2.749000 | 745106.226 | 1056477.463 | 171.25820 | 137.129 |
| ** | 2.750000 | 745106.659 | 1056476.561 | 171.71633 | 140.843 |
| ** | 2.751000 | 745107.085 | 1056475.657 | 172.16222 | 144.764 |
| ** | 2.752000 | 745107.506 | 1056474.750 | 172.59586 | 148.909 |
| ** | 2.753000 | 745107.920 | 1056473.839 | 173.01726 | 153.299 |
| ** | 2.754000 | 745108.328 | 1056472.927 | 173.42642 | 157.956 |
| ** | 2.755000 | 745108.731 | 1056472.011 | 173.82334 | 162.904 |
| ** | 2.756000 | 745109.128 | 1056471.093 | 174.20801 | 168.173 |
| ** | 2.757000 | 745109.519 | 1056470.173 | 174.58044 | 173.793 |
| ** | 2.758000 | 745109.905 | 1056469.251 | 174.94063 | 179.803 |
| ** | 2.759000 | 745110.286 | 1056468.326 | 175.28857 | 186.242 |
| ** | 2.760000 | 745110.662 | 1056467.400 | 175.62427 | 193.161 |
| ** | 2.761000 | 745111.034 | 1056466.471 | 175.94773 | 200.613 |
| ** | 2.762000 | 745111.400 | 1056465.541 | 176.25895 | 208.663 |
| ** | 2.763000 | 745111.762 | 1056464.608 | 176.55792 | 217.386 |
| ** | 2.764000 | 745112.120 | 1056463.675 | 176.84466 | 226.870 |
| ** | 2.765000 | 745112.474 | 1056462.739 | 177.11914 | 237.220 |
| ** | 2.766000 | 745112.824 | 1056461.803 | 177.38139 | 248.559 |
| ** | 2.767000 | 745113.170 | 1056460.864 | 177.63139 | 261.036 |
| ** | 2.768000 | 745113.512 | 1056459.925 | 177.86915 | 274.832 |
| ** | 2.769000 | 745113.851 | 1056458.984 | 178.09467 | 290.169 |
| ** | 2.770000 | 745114.187 | 1056458.042 | 178.30795 | 307.317 |
| ** | 2.771000 | 745114.519 | 1056457.099 | 178.50898 | 326.621 |
| ** | 2.772000 | 745114.849 | 1056456.155 | 178.69777 | 348.511 |
| ** | 2.773000 | 745115.176 | 1056455.210 | 178.87432 | 373.547 |
| ** | 2.774000 | 745115.501 | 1056454.264 | 179.03862 | 402.458 |
| ** | 2.775000 | 745115.823 | 1056453.317 | 179.19068 | 436.219 |
| ** | 2.776000 | 745116.143 | 1056452.370 | 179.33050 | 476.164 |
| ** | 2.777000 | 745116.461 | 1056451.422 | 179.45808 | 524.161 |
| ** | 2.778000 | 745116.777 | 1056450.473 | 179.57341 | 582.919 |
| ** | 2.779000 | 745117.092 | 1056449.524 | 179.67650 | 656.515 |
| ** | 2.780000 | 745117.405 | 1056448.574 | 179.76735 | 751.378 |
| ** | 2.781000 | 745117.717 | 1056447.624 | 179.84596 | 878.287 |
| ** | 2.782000 | 745118.028 | 1056446.674 | 179.91232 | 1056.778 |
| ** | 2.783000 | 745118.338 | 1056445.723 | 179.96644 | 1326.322 |
| ** | 2.784000 | 745118.647 | 1056444.772 | 180.00832 | 1780.446 |
| ** | 2.785000 | 745118.956 | 1056443.821 | 180.03795 | 2707.464 |
| ** | 2.786000 | 745119.264 | 1056442.869 | 180.05534 | 5648.389 |
| ** | 2.786921 | 745119.548 | 1056441.994 | 180.06053 | .000 |
| ** | 2.787000 | 745119.572 | 1056441.918 | 180.06053 | .000 |
| ** | 2.788000 | 745119.880 | 1056440.967 | 180.06053 | .000 |
| ** | 2.788335 | 745119.983 | 1056440.648 | 180.06053 | .000 |
| ** | 2.789000 | 745120.188 | 1056440.015 | 180.05216 | -2526.934 |
| ** | 2.790000 | 745120.497 | 1056439.064 | 180.00802 | -1009.108 |
| ** | 2.791000 | 745120.806 | 1056438.113 | 179.92598 | -630.433 |
| ** | 2.792000 | 745121.117 | 1056437.163 | 179.80605 | -458.411 |
| ** | 2.793000 | 745121.430 | 1056436.213 | 179.64823 | -360.141 |
| ** | 2.794000 | 745121.746 | 1056435.264 | 179.45251 | -296.566 |

| | | | | | | |
|----|--|----------|------------|-------------|-----------|-----------|
| ** | | 2.795000 | 745122.065 | 1056434.316 | 179.21890 | -252.069 |
| ** | | 2.796000 | 745122.387 | 1056433.370 | 178.94740 | -219.183 |
| ** | | 2.797000 | 745122.714 | 1056432.425 | 178.63800 | -193.887 |
| ** | | 2.798000 | 745123.046 | 1056431.482 | 178.29071 | -173.826 |
| ** | | 2.799000 | 745123.383 | 1056430.540 | 177.90552 | -157.527 |
| ** | | 2.800000 | 745123.727 | 1056429.601 | 177.48244 | -144.023 |
| ** | | 2.801000 | 745124.076 | 1056428.664 | 177.02147 | -132.651 |
| ** | | 2.802000 | 745124.433 | 1056427.730 | 176.52260 | -122.943 |
| ** | | 2.803000 | 745124.798 | 1056426.799 | 175.98583 | -114.560 |
| ** | | 2.804000 | 745125.170 | 1056425.871 | 175.41118 | -107.247 |
| ** | | 2.805000 | 745125.551 | 1056424.946 | 174.79863 | -100.811 |
| ** | | 2.806000 | 745125.941 | 1056424.025 | 174.14818 | -95.104 |
| ** | | 2.807000 | 745126.341 | 1056423.109 | 173.45984 | -90.009 |
| ** | | 2.808000 | 745126.751 | 1056422.197 | 172.73361 | -85.432 |
| ** | | 2.809000 | 745127.172 | 1056421.290 | 171.96948 | -81.298 |
| ** | | 2.810000 | 745127.604 | 1056420.388 | 171.16746 | -77.545 |
| ** | | 2.811000 | 745128.047 | 1056419.491 | 170.32755 | -74.124 |
| ** | | 2.812000 | 745128.503 | 1056418.601 | 169.44974 | -70.991 |
| PK | | 2.812335 | 745128.658 | 1056418.304 | 169.14720 | -70.000 |
| ** | | 2.813000 | 745128.971 | 1056417.717 | 168.54241 | -70.000 |
| ** | | 2.814000 | 745129.451 | 1056416.840 | 167.63295 | -70.000 |
| ** | | 2.815000 | 745129.944 | 1056415.970 | 166.72350 | -70.000 |
| ** | | 2.816000 | 745130.450 | 1056415.108 | 165.81404 | -70.000 |
| ** | | 2.817000 | 745130.968 | 1056414.252 | 164.90458 | -70.000 |
| ** | | 2.818000 | 745131.497 | 1056413.404 | 163.99513 | -70.000 |
| ** | | 2.819000 | 745132.039 | 1056412.563 | 163.08567 | -70.000 |
| ** | | 2.820000 | 745132.593 | 1056411.731 | 162.17621 | -70.000 |
| ** | | 2.821000 | 745133.159 | 1056410.906 | 161.26675 | -70.000 |
| ** | | 2.822000 | 745133.736 | 1056410.090 | 160.35730 | -70.000 |
| ** | | 2.823000 | 745134.325 | 1056409.282 | 159.44784 | -70.000 |
| ** | | 2.824000 | 745134.926 | 1056408.482 | 158.53838 | -70.000 |
| ** | | 2.825000 | 745135.538 | 1056407.691 | 157.62893 | -70.000 |
| ** | | 2.826000 | 745136.161 | 1056406.909 | 156.71947 | -70.000 |
| ** | | 2.827000 | 745136.795 | 1056406.136 | 155.81001 | -70.000 |
| ** | | 2.828000 | 745137.440 | 1056405.372 | 154.90056 | -70.000 |
| ** | | 2.829000 | 745138.096 | 1056404.617 | 153.99110 | -70.000 |
| ** | | 2.830000 | 745138.763 | 1056403.872 | 153.08164 | -70.000 |
| ** | | 2.831000 | 745139.440 | 1056403.136 | 152.17219 | -70.000 |
| ** | | 2.832000 | 745140.128 | 1056402.410 | 151.26273 | -70.000 |
| ** | | 2.833000 | 745140.826 | 1056401.694 | 150.35327 | -70.000 |
| ** | | 2.834000 | 745141.534 | 1056400.988 | 149.44382 | -70.000 |
| ** | | 2.835000 | 745142.253 | 1056400.292 | 148.53436 | -70.000 |
| ** | | 2.836000 | 745142.981 | 1056399.607 | 147.62490 | -70.000 |
| ** | | 2.837000 | 745143.718 | 1056398.932 | 146.71545 | -70.000 |
| ** | | 2.838000 | 745144.466 | 1056398.268 | 145.80599 | -70.000 |
| ** | | 2.839000 | 745145.223 | 1056397.614 | 144.89653 | -70.000 |
| ** | | 2.840000 | 745145.989 | 1056396.971 | 143.98708 | -70.000 |
| ** | | 2.841000 | 745146.764 | 1056396.340 | 143.07762 | -70.000 |
| ** | | 2.842000 | 745147.548 | 1056395.719 | 142.16816 | -70.000 |
| ** | | 2.843000 | 745148.341 | 1056395.110 | 141.25870 | -70.000 |
| ** | | 2.844000 | 745149.142 | 1056394.512 | 140.34925 | -70.000 |
| ** | | 2.845000 | 745149.952 | 1056393.925 | 139.43979 | -70.000 |
| ** | | 2.846000 | 745150.771 | 1056393.350 | 138.53033 | -70.000 |
| ** | | 2.847000 | 745151.597 | 1056392.787 | 137.62088 | -70.000 |
| ** | | 2.848000 | 745152.431 | 1056392.236 | 136.71142 | -70.000 |
| ** | | 2.849000 | 745153.274 | 1056391.697 | 135.80196 | -70.000 |
| ** | | 2.850000 | 745154.123 | 1056391.170 | 134.89251 | -70.000 |
| ** | | 2.851000 | 745154.981 | 1056390.655 | 133.98305 | -70.000 |
| ** | | 2.852000 | 745155.845 | 1056390.152 | 133.07359 | -70.000 |
| ** | | 2.853000 | 745156.717 | 1056389.662 | 132.16414 | -70.000 |
| ** | | 2.854000 | 745157.595 | 1056389.184 | 131.25468 | -70.000 |
| KP | | 2.854918 | 745158.408 | 1056388.757 | 130.41980 | -70.000 |
| ** | | 2.855000 | 745158.480 | 1056388.719 | 130.34535 | -70.240 |
| ** | | 2.856000 | 745159.372 | 1056388.267 | 129.45794 | -73.304 |
| ** | | 2.857000 | 745160.270 | 1056387.826 | 128.60843 | -76.649 |
| ** | | 2.858000 | 745161.173 | 1056387.398 | 127.79681 | -80.313 |
| ** | | 2.859000 | 745162.082 | 1056386.980 | 127.02309 | -84.345 |
| ** | | 2.860000 | 745162.996 | 1056386.574 | 126.28726 | -88.804 |
| ** | | 2.861000 | 745163.914 | 1056386.177 | 125.58932 | -93.760 |
| ** | | 2.862000 | 745164.836 | 1056385.791 | 124.92928 | -99.302 |
| ** | | 2.863000 | 745165.762 | 1056385.414 | 124.30713 | -105.540 |
| ** | | 2.864000 | 745166.692 | 1056385.046 | 123.72287 | -112.615 |
| ** | | 2.865000 | 745167.625 | 1056384.686 | 123.17651 | -120.706 |
| ** | | 2.866000 | 745168.561 | 1056384.333 | 122.66805 | -130.050 |
| ** | | 2.867000 | 745169.500 | 1056383.988 | 122.19748 | -140.962 |
| ** | | 2.868000 | 745170.441 | 1056383.650 | 121.76480 | -153.873 |
| ** | | 2.869000 | 745171.384 | 1056383.318 | 121.37001 | -169.387 |
| ** | | 2.870000 | 745172.329 | 1056382.991 | 121.01312 | -188.381 |
| ** | | 2.871000 | 745173.276 | 1056382.669 | 120.69413 | -212.172 |
| ** | | 2.872000 | 745174.224 | 1056382.352 | 120.41302 | -242.841 |
| ** | | 2.873000 | 745175.174 | 1056382.039 | 120.16982 | -283.874 |
| ** | | 2.874000 | 745176.124 | 1056381.729 | 119.96450 | -341.594 |
| ** | | 2.875000 | 745177.076 | 1056381.421 | 119.79708 | -428.778 |
| ** | | 2.876000 | 745178.028 | 1056381.117 | 119.66756 | -575.714 |
| ** | | 2.877000 | 745178.981 | 1056380.813 | 119.57592 | -875.861 |
| ** | | 2.878000 | 745179.935 | 1056380.511 | 119.52219 | -1829.840 |
| PT | | 2.878918 | 745180.810 | 1056380.234 | 119.50621 | .000 |
| ** | | 2.879000 | 745180.888 | 1056380.209 | 119.50621 | .000 |
| ** | | 2.880000 | 745181.841 | 1056379.908 | 119.50621 | .000 |
| ** | | 2.881000 | 745182.795 | 1056379.606 | 119.50621 | .000 |
| ** | | 2.882000 | 745183.748 | 1056379.304 | 119.50621 | .000 |
| ** | | 2.883000 | 745184.702 | 1056379.003 | 119.50621 | .000 |
| ** | | 2.884000 | 745185.655 | 1056378.701 | 119.50621 | .000 |
| ** | | 2.885000 | 745186.609 | 1056378.399 | 119.50621 | .000 |
| ** | | 2.886000 | 745187.562 | 1056378.098 | 119.50621 | .000 |
| ** | | 2.887000 | 745188.515 | 1056377.796 | 119.50621 | .000 |
| ** | | 2.888000 | 745189.469 | 1056377.495 | 119.50621 | .000 |
| ** | | 2.889000 | 745190.422 | 1056377.193 | 119.50621 | .000 |
| ** | | 2.890000 | 745191.376 | 1056376.891 | 119.50621 | .000 |
| ** | | 2.891000 | 745192.329 | 1056376.590 | 119.50621 | .000 |
| ** | | 2.892000 | 745193.282 | 1056376.288 | 119.50621 | .000 |
| ** | | 2.893000 | 745194.236 | 1056375.986 | 119.50621 | .000 |
| ** | | 2.894000 | 745195.189 | 1056375.685 | 119.50621 | .000 |
| ** | | 2.895000 | 745196.143 | 1056375.383 | 119.50621 | .000 |

| | | | | | |
|----|----------|------------|-------------|-----------|------|
| ** | 2.896000 | 745197.096 | 1056375.082 | 119.50621 | .000 |
| ** | 2.897000 | 745198.050 | 1056374.780 | 119.50621 | .000 |
| ** | 2.898000 | 745199.003 | 1056374.478 | 119.50621 | .000 |
| ** | 2.899000 | 745199.956 | 1056374.177 | 119.50621 | .000 |
| ** | 2.900000 | 745200.910 | 1056373.875 | 119.50621 | .000 |
| ** | 2.901000 | 745201.863 | 1056373.573 | 119.50621 | .000 |
| ** | 2.902000 | 745202.817 | 1056373.272 | 119.50621 | .000 |
| ** | 2.903000 | 745203.770 | 1056372.970 | 119.50621 | .000 |
| ** | 2.904000 | 745204.724 | 1056372.668 | 119.50621 | .000 |
| ** | 2.905000 | 745205.677 | 1056372.367 | 119.50621 | .000 |
| ** | 2.906000 | 745206.630 | 1056372.065 | 119.50621 | .000 |
| ** | 2.907000 | 745207.584 | 1056371.764 | 119.50621 | .000 |
| ** | 2.908000 | 745208.537 | 1056371.462 | 119.50621 | .000 |
| ** | 2.909000 | 745209.491 | 1056371.160 | 119.50621 | .000 |
| ** | 2.910000 | 745210.444 | 1056370.859 | 119.50621 | .000 |
| ** | 2.911000 | 745211.398 | 1056370.557 | 119.50621 | .000 |
| ** | 2.912000 | 745212.351 | 1056370.255 | 119.50621 | .000 |
| ** | 2.913000 | 745213.304 | 1056369.954 | 119.50621 | .000 |
| ** | 2.914000 | 745214.258 | 1056369.652 | 119.50621 | .000 |
| ** | 2.915000 | 745215.211 | 1056369.351 | 119.50621 | .000 |
| ** | 2.916000 | 745216.165 | 1056369.049 | 119.50621 | .000 |
| ** | 2.917000 | 745217.118 | 1056368.747 | 119.50621 | .000 |
| ** | 2.918000 | 745218.072 | 1056368.446 | 119.50621 | .000 |
| ** | 2.919000 | 745219.025 | 1056368.144 | 119.50621 | .000 |
| ** | 2.920000 | 745219.978 | 1056367.842 | 119.50621 | .000 |
| ** | 2.921000 | 745220.932 | 1056367.541 | 119.50621 | .000 |
| ** | 2.922000 | 745221.885 | 1056367.239 | 119.50621 | .000 |
| ** | 2.923000 | 745222.839 | 1056366.938 | 119.50621 | .000 |
| ** | 2.924000 | 745223.792 | 1056366.636 | 119.50621 | .000 |
| ** | 2.925000 | 745224.746 | 1056366.334 | 119.50621 | .000 |
| ** | 2.926000 | 745225.699 | 1056366.033 | 119.50621 | .000 |
| ** | 2.927000 | 745226.652 | 1056365.731 | 119.50621 | .000 |
| ** | 2.928000 | 745227.606 | 1056365.429 | 119.50621 | .000 |
| ** | 2.929000 | 745228.559 | 1056365.128 | 119.50621 | .000 |
| ** | 2.930000 | 745229.513 | 1056364.826 | 119.50621 | .000 |
| ** | 2.931000 | 745230.466 | 1056364.524 | 119.50621 | .000 |
| ** | 2.932000 | 745231.419 | 1056364.223 | 119.50621 | .000 |
| ** | 2.933000 | 745232.373 | 1056363.921 | 119.50621 | .000 |
| ** | 2.934000 | 745233.326 | 1056363.620 | 119.50621 | .000 |
| ** | 2.935000 | 745234.280 | 1056363.318 | 119.50621 | .000 |
| ** | 2.936000 | 745235.233 | 1056363.016 | 119.50621 | .000 |
| ** | 2.937000 | 745236.187 | 1056362.715 | 119.50621 | .000 |
| ** | 2.938000 | 745237.140 | 1056362.413 | 119.50621 | .000 |
| ** | 2.939000 | 745238.093 | 1056362.111 | 119.50621 | .000 |
| ** | 2.940000 | 745239.047 | 1056361.810 | 119.50621 | .000 |
| ** | 2.941000 | 745240.000 | 1056361.508 | 119.50621 | .000 |
| ** | 2.942000 | 745240.954 | 1056361.207 | 119.50621 | .000 |
| ** | 2.943000 | 745241.907 | 1056360.905 | 119.50621 | .000 |
| ** | 2.944000 | 745242.861 | 1056360.603 | 119.50621 | .000 |
| ** | 2.945000 | 745243.814 | 1056360.302 | 119.50621 | .000 |
| ** | 2.946000 | 745244.767 | 1056360.000 | 119.50621 | .000 |
| ** | 2.947000 | 745245.721 | 1056359.698 | 119.50621 | .000 |
| ** | 2.948000 | 745246.674 | 1056359.397 | 119.50621 | .000 |
| ** | 2.949000 | 745247.628 | 1056359.095 | 119.50621 | .000 |
| ** | 2.950000 | 745248.581 | 1056358.793 | 119.50621 | .000 |
| ** | 2.951000 | 745249.535 | 1056358.492 | 119.50621 | .000 |
| ** | 2.952000 | 745250.488 | 1056358.190 | 119.50621 | .000 |
| ** | 2.953000 | 745251.441 | 1056357.889 | 119.50621 | .000 |
| ** | 2.954000 | 745252.395 | 1056357.587 | 119.50621 | .000 |
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| ** | 2.960000 | 745258.115 | 1056355.777 | 119.50621 | .000 |
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| ** | 2.962000 | 745260.022 | 1056355.174 | 119.50621 | .000 |
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| ** | 2.964000 | 745261.929 | 1056354.571 | 119.50621 | .000 |
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| ** | 2.974000 | 745271.463 | 1056351.554 | 119.50621 | .000 |
| ** | 2.975000 | 745272.417 | 1056351.253 | 119.50621 | .000 |
| ** | 2.976000 | 745273.370 | 1056350.951 | 119.50621 | .000 |
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| ** | 2.981000 | 745278.137 | 1056349.443 | 119.50621 | .000 |
| ** | 2.982000 | 745279.091 | 1056349.141 | 119.50621 | .000 |
| ** | 2.983000 | 745280.044 | 1056348.840 | 119.50621 | .000 |
| ** | 2.984000 | 745280.998 | 1056348.538 | 119.50621 | .000 |
| ** | 2.985000 | 745281.951 | 1056348.236 | 119.50621 | .000 |
| ** | 2.986000 | 745282.904 | 1056347.935 | 119.50621 | .000 |
| ** | 2.987000 | 745283.858 | 1056347.633 | 119.50621 | .000 |
| ** | 2.988000 | 745284.811 | 1056347.331 | 119.50621 | .000 |
| ** | 2.989000 | 745285.765 | 1056347.030 | 119.50621 | .000 |
| ** | 2.990000 | 745286.718 | 1056346.728 | 119.50621 | .000 |
| ** | 2.991000 | 745287.672 | 1056346.427 | 119.50621 | .000 |
| ** | 2.992000 | 745288.625 | 1056346.125 | 119.50621 | .000 |
| ** | 2.993000 | 745289.578 | 1056345.823 | 119.50621 | .000 |
| ** | 2.994000 | 745290.532 | 1056345.522 | 119.50621 | .000 |
| ** | 2.995000 | 745291.485 | 1056345.220 | 119.50621 | .000 |
| ** | 2.996000 | 745292.439 | 1056344.918 | 119.50621 | .000 |
| ** | 2.997000 | 745293.392 | 1056344.617 | 119.50621 | .000 |
| ** | 2.998000 | 745294.346 | 1056344.315 | 119.50621 | .000 |
| ** | 2.999000 | 745295.299 | 1056344.014 | 119.50621 | .000 |

| | | | | | |
|----|----------|------------|-------------|-----------|---------|
| ** | 3.000000 | 745296.252 | 1056343.712 | 119.50621 | .000 |
| ** | 3.001000 | 745297.206 | 1056343.410 | 119.50621 | .000 |
| ** | 3.002000 | 745298.159 | 1056343.109 | 119.50621 | .000 |
| ** | 3.003000 | 745299.113 | 1056342.807 | 119.50621 | .000 |
| ** | 3.004000 | 745300.066 | 1056342.505 | 119.50621 | .000 |
| ** | 3.005000 | 745301.019 | 1056342.204 | 119.50621 | .000 |
| ** | 3.006000 | 745301.973 | 1056341.902 | 119.50621 | .000 |
| ** | 3.007000 | 745302.926 | 1056341.601 | 119.50621 | .000 |
| ** | 3.008000 | 745303.880 | 1056341.299 | 119.50621 | .000 |
| ** | 3.009000 | 745304.833 | 1056340.997 | 119.50621 | .000 |
| ** | 3.010000 | 745305.787 | 1056340.696 | 119.50621 | .000 |
| ** | 3.011000 | 745306.740 | 1056340.394 | 119.50621 | .000 |
| ** | 3.012000 | 745307.693 | 1056340.092 | 119.50621 | .000 |
| ** | 3.013000 | 745308.647 | 1056339.791 | 119.50621 | .000 |
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| ** | 3.015000 | 745310.554 | 1056339.187 | 119.50621 | .000 |
| ** | 3.016000 | 745311.507 | 1056338.886 | 119.50621 | .000 |
| ** | 3.017000 | 745312.461 | 1056338.584 | 119.50621 | .000 |
| ** | 3.018000 | 745313.414 | 1056338.283 | 119.50621 | .000 |
| ** | 3.019000 | 745314.367 | 1056337.981 | 119.50621 | .000 |
| ** | 3.020000 | 745315.321 | 1056337.679 | 119.50621 | .000 |
| ** | 3.021000 | 745316.274 | 1056337.378 | 119.50621 | .000 |
| ** | 3.022000 | 745317.228 | 1056337.076 | 119.50621 | .000 |
| ** | 3.023000 | 745318.181 | 1056336.774 | 119.50621 | .000 |
| ** | 3.024000 | 745319.135 | 1056336.473 | 119.50621 | .000 |
| ** | 3.025000 | 745320.088 | 1056336.171 | 119.50621 | .000 |
| ** | 3.026000 | 745321.041 | 1056335.870 | 119.50621 | .000 |
| ** | 3.027000 | 745321.995 | 1056335.568 | 119.50621 | .000 |
| ** | 3.028000 | 745322.948 | 1056335.266 | 119.50621 | .000 |
| ** | 3.029000 | 745323.902 | 1056334.965 | 119.50621 | .000 |
| ** | 3.030000 | 745324.855 | 1056334.663 | 119.50621 | .000 |
| ** | 3.031000 | 745325.809 | 1056334.361 | 119.50621 | .000 |
| ** | 3.032000 | 745326.762 | 1056334.060 | 119.50621 | .000 |
| ** | 3.033000 | 745327.715 | 1056333.758 | 119.50621 | .000 |
| ** | 3.034000 | 745328.669 | 1056333.456 | 119.50621 | .000 |
| ** | 3.035000 | 745329.622 | 1056333.155 | 119.50621 | .000 |
| ** | 3.036000 | 745330.576 | 1056332.853 | 119.50621 | .000 |
| ** | 3.037000 | 745331.529 | 1056332.552 | 119.50621 | .000 |
| ** | 3.038000 | 745332.483 | 1056332.250 | 119.50621 | .000 |
| ** | 3.039000 | 745333.436 | 1056331.948 | 119.50621 | .000 |
| ** | 3.040000 | 745334.389 | 1056331.647 | 119.50621 | .000 |
| ** | 3.041000 | 745335.343 | 1056331.345 | 119.50621 | .000 |
| TK | 3.041158 | 745335.493 | 1056331.297 | 119.50621 | 127.000 |
| ** | 3.042000 | 745336.295 | 1056331.041 | 119.92830 | 127.000 |
| ** | 3.043000 | 745337.246 | 1056330.729 | 120.42957 | 127.000 |
| ** | 3.044000 | 745338.193 | 1056330.410 | 120.93085 | 127.000 |
| ** | 3.045000 | 745339.138 | 1056330.083 | 121.43212 | 127.000 |
| ** | 3.046000 | 745340.081 | 1056329.749 | 121.93340 | 127.000 |
| ** | 3.047000 | 745341.021 | 1056329.408 | 122.43468 | 127.000 |
| ** | 3.048000 | 745341.958 | 1056329.059 | 122.93595 | 127.000 |
| ** | 3.049000 | 745342.892 | 1056328.703 | 123.43723 | 127.000 |
| ** | 3.050000 | 745343.824 | 1056328.339 | 123.93850 | 127.000 |
| ** | 3.051000 | 745344.753 | 1056327.968 | 124.43978 | 127.000 |
| ** | 3.052000 | 745345.678 | 1056327.590 | 124.94105 | 127.000 |
| ** | 3.053000 | 745346.601 | 1056327.205 | 125.44233 | 127.000 |
| ** | 3.054000 | 745347.521 | 1056326.812 | 125.94360 | 127.000 |
| ** | 3.055000 | 745348.437 | 1056326.412 | 126.44488 | 127.000 |
| ** | 3.056000 | 745349.351 | 1056326.005 | 126.94615 | 127.000 |
| ** | 3.057000 | 745350.261 | 1056325.591 | 127.44743 | 127.000 |
| ** | 3.058000 | 745351.168 | 1056325.169 | 127.94870 | 127.000 |
| ** | 3.059000 | 745352.071 | 1056324.740 | 128.44998 | 127.000 |
| ** | 3.060000 | 745352.971 | 1056324.305 | 128.95126 | 127.000 |
| ** | 3.061000 | 745353.868 | 1056323.862 | 129.45253 | 127.000 |
| ** | 3.062000 | 745354.761 | 1056323.412 | 129.95381 | 127.000 |
| ** | 3.063000 | 745355.650 | 1056322.955 | 130.45508 | 127.000 |
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| ** | 3.065000 | 745357.419 | 1056322.021 | 131.45763 | 127.000 |
| ** | 3.066000 | 745358.297 | 1056321.543 | 131.95891 | 127.000 |
| ** | 3.067000 | 745359.172 | 1056321.058 | 132.46018 | 127.000 |
| ** | 3.068000 | 745360.043 | 1056320.567 | 132.96146 | 127.000 |
| ** | 3.069000 | 745360.910 | 1056320.068 | 133.46273 | 127.000 |
| ** | 3.070000 | 745361.773 | 1056319.563 | 133.96401 | 127.000 |
| ** | 3.071000 | 745362.632 | 1056319.051 | 134.46529 | 127.000 |
| ** | 3.072000 | 745363.487 | 1056318.533 | 134.96656 | 127.000 |
| ** | 3.073000 | 745364.338 | 1056318.007 | 135.46784 | 127.000 |
| ** | 3.074000 | 745365.184 | 1056317.475 | 135.96911 | 127.000 |
| ** | 3.075000 | 745366.027 | 1056316.936 | 136.47039 | 127.000 |
| ** | 3.076000 | 745366.865 | 1056316.391 | 136.97166 | 127.000 |
| ** | 3.077000 | 745367.699 | 1056315.839 | 137.47294 | 127.000 |
| ** | 3.078000 | 745368.528 | 1056315.281 | 137.97421 | 127.000 |
| ** | 3.079000 | 745369.353 | 1056314.716 | 138.47549 | 127.000 |
| ** | 3.080000 | 745370.174 | 1056314.144 | 138.97676 | 127.000 |
| ** | 3.081000 | 745370.990 | 1056313.566 | 139.47804 | 127.000 |
| ** | 3.082000 | 745371.802 | 1056312.982 | 139.97931 | 127.000 |
| ** | 3.083000 | 745372.608 | 1056312.391 | 140.48059 | 127.000 |
| ** | 3.084000 | 745373.411 | 1056311.794 | 140.98187 | 127.000 |
| ** | 3.085000 | 745374.208 | 1056311.191 | 141.48314 | 127.000 |
| ** | 3.086000 | 745375.001 | 1056310.581 | 141.98442 | 127.000 |
| ** | 3.087000 | 745375.789 | 1056309.965 | 142.48569 | 127.000 |
| ** | 3.088000 | 745376.572 | 1056309.343 | 142.98697 | 127.000 |
| ** | 3.089000 | 745377.350 | 1056308.715 | 143.48824 | 127.000 |
| ** | 3.090000 | 745378.123 | 1056308.081 | 143.98952 | 127.000 |
| ** | 3.091000 | 745378.891 | 1056307.441 | 144.49079 | 127.000 |
| ** | 3.092000 | 745379.654 | 1056306.794 | 144.99207 | 127.000 |
| ** | 3.093000 | 745380.412 | 1056306.142 | 145.49334 | 127.000 |
| ** | 3.094000 | 745381.165 | 1056305.484 | 145.99462 | 127.000 |
| ** | 3.095000 | 745381.912 | 1056304.819 | 146.49590 | 127.000 |
| ** | 3.096000 | 745382.655 | 1056304.149 | 146.99717 | 127.000 |
| ** | 3.097000 | 745383.392 | 1056303.474 | 147.49845 | 127.000 |
| ** | 3.098000 | 745384.123 | 1056302.792 | 147.99972 | 127.000 |
| ** | 3.099000 | 745384.850 | 1056302.104 | 148.50100 | 127.000 |
| ** | 3.100000 | 745385.570 | 1056301.411 | 149.00227 | 127.000 |
| ** | 3.101000 | 745386.286 | 1056300.713 | 149.50355 | 127.000 |
| ** | 3.102000 | 745386.996 | 1056300.008 | 150.00482 | 127.000 |

| | | | | | |
|----|----------|------------|-------------|-----------|---------|
| ** | 3.103000 | 745387.700 | 1056299.298 | 150.50610 | 127.000 |
| ** | 3.104000 | 745388.399 | 1056298.583 | 151.00737 | 127.000 |
| ** | 3.105000 | 745389.092 | 1056297.862 | 151.50865 | 127.000 |
| ** | 3.106000 | 745389.779 | 1056297.136 | 152.00992 | 127.000 |
| ** | 3.107000 | 745390.460 | 1056296.404 | 152.51120 | 127.000 |
| ** | 3.108000 | 745391.136 | 1056295.667 | 153.01248 | 127.000 |
| ** | 3.109000 | 745391.806 | 1056294.924 | 153.51375 | 127.000 |
| ** | 3.110000 | 745392.470 | 1056294.177 | 154.01503 | 127.000 |
| ** | 3.111000 | 745393.128 | 1056293.424 | 154.51630 | 127.000 |
| ** | 3.112000 | 745393.781 | 1056292.666 | 155.01758 | 127.000 |
| ** | 3.113000 | 745394.427 | 1056291.903 | 155.51885 | 127.000 |
| ** | 3.114000 | 745395.067 | 1056291.134 | 156.02013 | 127.000 |
| ** | 3.115000 | 745395.701 | 1056290.361 | 156.52140 | 127.000 |
| ** | 3.116000 | 745396.329 | 1056289.583 | 157.02268 | 127.000 |
| ** | 3.117000 | 745396.951 | 1056288.800 | 157.52395 | 127.000 |
| ** | 3.118000 | 745397.567 | 1056288.012 | 158.02523 | 127.000 |
| KT | 3.118242 | 745397.715 | 1056287.820 | 158.14652 | .000 |
| ** | 3.119000 | 745398.178 | 1056287.220 | 158.14652 | .000 |
| ** | 3.120000 | 745398.789 | 1056286.429 | 158.14652 | .000 |
| ** | 3.121000 | 745399.400 | 1056285.637 | 158.14652 | .000 |
| ** | 3.122000 | 745400.011 | 1056284.846 | 158.14652 | .000 |
| ** | 3.123000 | 745400.622 | 1056284.054 | 158.14652 | .000 |
| ** | 3.124000 | 745401.233 | 1056283.263 | 158.14652 | .000 |
| ** | 3.125000 | 745401.845 | 1056282.471 | 158.14652 | .000 |
| ** | 3.126000 | 745402.456 | 1056281.680 | 158.14652 | .000 |
| ** | 3.127000 | 745403.067 | 1056280.888 | 158.14652 | .000 |
| ** | 3.128000 | 745403.678 | 1056280.096 | 158.14652 | .000 |
| ** | 3.129000 | 745404.289 | 1056279.305 | 158.14652 | .000 |
| ** | 3.130000 | 745404.900 | 1056278.513 | 158.14652 | .000 |
| ** | 3.131000 | 745405.511 | 1056277.722 | 158.14652 | .000 |
| ** | 3.132000 | 745406.122 | 1056276.930 | 158.14652 | .000 |
| ** | 3.133000 | 745406.733 | 1056276.139 | 158.14652 | .000 |
| ** | 3.134000 | 745407.344 | 1056275.347 | 158.14652 | .000 |
| ** | 3.135000 | 745407.955 | 1056274.555 | 158.14652 | .000 |
| ** | 3.136000 | 745408.567 | 1056273.764 | 158.14652 | .000 |
| ** | 3.137000 | 745409.178 | 1056272.972 | 158.14652 | .000 |
| ** | 3.138000 | 745409.789 | 1056272.181 | 158.14652 | .000 |
| ** | 3.139000 | 745410.400 | 1056271.389 | 158.14652 | .000 |
| ** | 3.140000 | 745411.011 | 1056270.598 | 158.14652 | .000 |
| ** | 3.141000 | 745411.622 | 1056269.806 | 158.14652 | .000 |
| ** | 3.142000 | 745412.233 | 1056269.014 | 158.14652 | .000 |
| ** | 3.143000 | 745412.844 | 1056268.223 | 158.14652 | .000 |
| ** | 3.144000 | 745413.455 | 1056267.431 | 158.14652 | .000 |
| ** | 3.145000 | 745414.066 | 1056266.640 | 158.14652 | .000 |
| ** | 3.146000 | 745414.677 | 1056265.848 | 158.14652 | .000 |
| ** | 3.147000 | 745415.288 | 1056265.057 | 158.14652 | .000 |
| ** | 3.148000 | 745415.900 | 1056264.265 | 158.14652 | .000 |
| ** | 3.149000 | 745416.511 | 1056263.474 | 158.14652 | .000 |
| ** | 3.150000 | 745417.122 | 1056262.682 | 158.14652 | .000 |
| ** | 3.151000 | 745417.733 | 1056261.890 | 158.14652 | .000 |
| ** | 3.152000 | 745418.344 | 1056261.099 | 158.14652 | .000 |
| ** | 3.153000 | 745418.955 | 1056260.307 | 158.14652 | .000 |
| ** | 3.154000 | 745419.566 | 1056259.516 | 158.14652 | .000 |
| ** | 3.155000 | 745420.177 | 1056258.724 | 158.14652 | .000 |
| ** | 3.156000 | 745420.788 | 1056257.933 | 158.14652 | .000 |
| ** | 3.157000 | 745421.399 | 1056257.141 | 158.14652 | .000 |
| ** | 3.158000 | 745422.010 | 1056256.349 | 158.14652 | .000 |
| ** | 3.159000 | 745422.622 | 1056255.558 | 158.14652 | .000 |
| ** | 3.160000 | 745423.233 | 1056254.766 | 158.14652 | .000 |
| ** | 3.161000 | 745423.844 | 1056253.975 | 158.14652 | .000 |
| ** | 3.162000 | 745424.455 | 1056253.183 | 158.14652 | .000 |
| ** | 3.163000 | 745425.066 | 1056252.392 | 158.14652 | .000 |
| ** | 3.164000 | 745425.677 | 1056251.600 | 158.14652 | .000 |
| ** | 3.165000 | 745426.288 | 1056250.809 | 158.14652 | .000 |
| ** | 3.166000 | 745426.899 | 1056250.017 | 158.14652 | .000 |
| ** | 3.167000 | 745427.510 | 1056249.225 | 158.14652 | .000 |
| ** | 3.168000 | 745428.121 | 1056248.434 | 158.14652 | .000 |
| ** | 3.169000 | 745428.732 | 1056247.642 | 158.14652 | .000 |
| ** | 3.170000 | 745429.343 | 1056246.851 | 158.14652 | .000 |
| ** | 3.171000 | 745429.955 | 1056246.059 | 158.14652 | .000 |
| ** | 3.172000 | 745430.566 | 1056245.268 | 158.14652 | .000 |
| ** | 3.173000 | 745431.177 | 1056244.476 | 158.14652 | .000 |
| ** | 3.174000 | 745431.788 | 1056243.684 | 158.14652 | .000 |
| ** | 3.175000 | 745432.399 | 1056242.893 | 158.14652 | .000 |
| ** | 3.176000 | 745433.010 | 1056242.101 | 158.14652 | .000 |
| ** | 3.177000 | 745433.621 | 1056241.310 | 158.14652 | .000 |
| ** | 3.178000 | 745434.232 | 1056240.518 | 158.14652 | .000 |
| ** | 3.179000 | 745434.843 | 1056239.727 | 158.14652 | .000 |
| ** | 3.180000 | 745435.454 | 1056238.935 | 158.14652 | .000 |
| ** | 3.181000 | 745436.065 | 1056238.144 | 158.14652 | .000 |
| ** | 3.182000 | 745436.677 | 1056237.352 | 158.14652 | .000 |
| ** | 3.183000 | 745437.288 | 1056236.560 | 158.14652 | .000 |
| ** | 3.184000 | 745437.899 | 1056235.769 | 158.14652 | .000 |
| ** | 3.185000 | 745438.510 | 1056234.977 | 158.14652 | .000 |
| ** | 3.186000 | 745439.121 | 1056234.186 | 158.14652 | .000 |
| ** | 3.187000 | 745439.732 | 1056233.394 | 158.14652 | .000 |
| ** | 3.188000 | 745440.343 | 1056232.603 | 158.14652 | .000 |
| ** | 3.189000 | 745440.954 | 1056231.811 | 158.14652 | .000 |
| ** | 3.190000 | 745441.565 | 1056231.019 | 158.14652 | .000 |
| ** | 3.191000 | 745442.176 | 1056230.228 | 158.14652 | .000 |
| ** | 3.192000 | 745442.787 | 1056229.436 | 158.14652 | .000 |
| ** | 3.193000 | 745443.398 | 1056228.645 | 158.14652 | .000 |
| ** | 3.194000 | 745444.010 | 1056227.853 | 158.14652 | .000 |
| ** | 3.195000 | 745444.621 | 1056227.062 | 158.14652 | .000 |
| ** | 3.196000 | 745445.232 | 1056226.270 | 158.14652 | .000 |
| ** | 3.197000 | 745445.843 | 1056225.478 | 158.14652 | .000 |
| ** | 3.198000 | 745446.454 | 1056224.687 | 158.14652 | .000 |
| ** | 3.199000 | 745447.065 | 1056223.895 | 158.14652 | .000 |
| ** | 3.200000 | 745447.676 | 1056223.104 | 158.14652 | .000 |
| ** | 3.201000 | 745448.287 | 1056222.312 | 158.14652 | .000 |
| ** | 3.202000 | 745448.898 | 1056221.521 | 158.14652 | .000 |
| ** | 3.203000 | 745449.509 | 1056220.729 | 158.14652 | .000 |
| ** | 3.204000 | 745450.120 | 1056219.938 | 158.14652 | .000 |
| ** | 3.205000 | 745450.732 | 1056219.146 | 158.14652 | .000 |

| | | | | | | |
|----|--|----------|------------|-------------|-----------|---------|
| ** | | 3.206000 | 745451.343 | 1056218.354 | 158.14652 | .000 |
| ** | | 3.207000 | 745451.954 | 1056217.563 | 158.14652 | .000 |
| ** | | 3.208000 | 745452.565 | 1056216.771 | 158.14652 | .000 |
| ** | | 3.209000 | 745453.176 | 1056215.980 | 158.14652 | .000 |
| ** | | 3.210000 | 745453.787 | 1056215.188 | 158.14652 | .000 |
| ** | | 3.211000 | 745454.398 | 1056214.397 | 158.14652 | .000 |
| ** | | 3.212000 | 745455.009 | 1056213.605 | 158.14652 | .000 |
| ** | | 3.213000 | 745455.620 | 1056212.813 | 158.14652 | .000 |
| ** | | 3.214000 | 745456.231 | 1056212.022 | 158.14652 | .000 |
| ** | | 3.215000 | 745456.842 | 1056211.230 | 158.14652 | .000 |
| ** | | 3.216000 | 745457.453 | 1056210.439 | 158.14652 | .000 |
| ** | | 3.217000 | 745458.065 | 1056209.647 | 158.14652 | .000 |
| ** | | 3.218000 | 745458.676 | 1056208.856 | 158.14652 | .000 |
| ** | | 3.219000 | 745459.287 | 1056208.064 | 158.14652 | .000 |
| ** | | 3.220000 | 745459.898 | 1056207.273 | 158.14652 | .000 |
| ** | | 3.221000 | 745460.509 | 1056206.481 | 158.14652 | .000 |
| TK | | 3.221267 | 745460.672 | 1056206.270 | 158.14652 | 170.000 |
| ** | | 3.222000 | 745461.119 | 1056205.688 | 158.42112 | 170.000 |
| ** | | 3.223000 | 745461.724 | 1056204.892 | 158.79560 | 170.000 |
| ** | | 3.224000 | 745462.325 | 1056204.093 | 159.17008 | 170.000 |
| ** | | 3.225000 | 745462.921 | 1056203.290 | 159.54457 | 170.000 |
| ** | | 3.226000 | 745463.512 | 1056202.483 | 159.91905 | 170.000 |
| ** | | 3.227000 | 745464.098 | 1056201.673 | 160.29353 | 170.000 |
| ** | | 3.228000 | 745464.680 | 1056200.860 | 160.66801 | 170.000 |
| ** | | 3.229000 | 745465.257 | 1056200.043 | 161.04249 | 170.000 |
| ** | | 3.230000 | 745465.829 | 1056199.223 | 161.41698 | 170.000 |
| ** | | 3.231000 | 745466.396 | 1056198.399 | 161.79146 | 170.000 |
| ** | | 3.232000 | 745466.958 | 1056197.572 | 162.16594 | 170.000 |
| ** | | 3.233000 | 745467.516 | 1056196.742 | 162.54042 | 170.000 |
| ** | | 3.234000 | 745468.068 | 1056195.909 | 162.91491 | 170.000 |
| ** | | 3.235000 | 745468.616 | 1056195.072 | 163.28939 | 170.000 |
| ** | | 3.236000 | 745469.159 | 1056194.232 | 163.66387 | 170.000 |
| ** | | 3.237000 | 745469.697 | 1056193.389 | 164.03835 | 170.000 |
| ** | | 3.238000 | 745470.230 | 1056192.543 | 164.41283 | 170.000 |
| ** | | 3.239000 | 745470.757 | 1056191.694 | 164.78732 | 170.000 |
| ** | | 3.240000 | 745471.280 | 1056190.841 | 165.16180 | 170.000 |
| ** | | 3.241000 | 745471.798 | 1056189.986 | 165.53628 | 170.000 |
| ** | | 3.242000 | 745472.311 | 1056189.127 | 165.91076 | 170.000 |
| ** | | 3.243000 | 745472.819 | 1056188.266 | 166.28525 | 170.000 |
| ** | | 3.244000 | 745473.321 | 1056187.401 | 166.65973 | 170.000 |
| ** | | 3.245000 | 745473.819 | 1056186.534 | 167.03421 | 170.000 |
| ** | | 3.246000 | 745474.311 | 1056185.663 | 167.40869 | 170.000 |
| ** | | 3.247000 | 745474.798 | 1056184.790 | 167.78317 | 170.000 |
| ** | | 3.248000 | 745475.281 | 1056183.914 | 168.15766 | 170.000 |
| ** | | 3.249000 | 745475.758 | 1056183.035 | 168.53214 | 170.000 |
| ** | | 3.250000 | 745476.229 | 1056182.153 | 168.90662 | 170.000 |
| ** | | 3.251000 | 745476.696 | 1056181.269 | 169.28110 | 170.000 |
| ** | | 3.252000 | 745477.157 | 1056180.382 | 169.65559 | 170.000 |
| ** | | 3.253000 | 745477.614 | 1056179.492 | 170.03007 | 170.000 |
| ** | | 3.254000 | 745478.065 | 1056178.599 | 170.40455 | 170.000 |
| ** | | 3.255000 | 745478.510 | 1056177.704 | 170.77903 | 170.000 |
| ** | | 3.256000 | 745478.951 | 1056176.806 | 171.15351 | 170.000 |
| ** | | 3.257000 | 745479.386 | 1056175.906 | 171.52800 | 170.000 |
| ** | | 3.258000 | 745479.816 | 1056175.003 | 171.90248 | 170.000 |
| ** | | 3.259000 | 745480.240 | 1056174.098 | 172.27696 | 170.000 |
| ** | | 3.260000 | 745480.659 | 1056173.190 | 172.65144 | 170.000 |
| ** | | 3.261000 | 745481.073 | 1056172.279 | 173.02593 | 170.000 |
| ** | | 3.262000 | 745481.482 | 1056171.367 | 173.40041 | 170.000 |
| ** | | 3.263000 | 745481.885 | 1056170.451 | 173.77489 | 170.000 |
| ** | | 3.264000 | 745482.282 | 1056169.534 | 174.14937 | 170.000 |
| ** | | 3.265000 | 745482.675 | 1056168.614 | 174.52385 | 170.000 |
| ** | | 3.266000 | 745483.062 | 1056167.692 | 174.89834 | 170.000 |
| ** | | 3.267000 | 745483.443 | 1056166.768 | 175.27282 | 170.000 |
| ** | | 3.268000 | 745483.819 | 1056165.841 | 175.64730 | 170.000 |
| ** | | 3.269000 | 745484.190 | 1056164.912 | 176.02178 | 170.000 |
| ** | | 3.270000 | 745484.555 | 1056163.981 | 176.39627 | 170.000 |
| ** | | 3.271000 | 745484.914 | 1056163.048 | 176.77075 | 170.000 |
| ** | | 3.272000 | 745485.268 | 1056162.113 | 177.14523 | 170.000 |
| ** | | 3.273000 | 745485.617 | 1056161.176 | 177.51971 | 170.000 |
| ** | | 3.274000 | 745485.960 | 1056160.236 | 177.89419 | 170.000 |
| ** | | 3.275000 | 745486.297 | 1056159.295 | 178.26868 | 170.000 |
| ** | | 3.276000 | 745486.629 | 1056158.352 | 178.64316 | 170.000 |
| ** | | 3.277000 | 745486.956 | 1056157.406 | 179.01764 | 170.000 |
| ** | | 3.278000 | 745487.277 | 1056156.459 | 179.39212 | 170.000 |
| ** | | 3.279000 | 745487.592 | 1056155.510 | 179.76661 | 170.000 |
| ** | | 3.280000 | 745487.902 | 1056154.560 | 180.14109 | 170.000 |
| ** | | 3.281000 | 745488.206 | 1056153.607 | 180.51557 | 170.000 |
| ** | | 3.282000 | 745488.504 | 1056152.652 | 180.89005 | 170.000 |
| KT | | 3.282050 | 745488.519 | 1056152.605 | 180.90878 | 170.000 |
| ** | | 3.283000 | 745488.800 | 1056151.697 | 180.90879 | .000 |
| ** | | 3.284000 | 745489.095 | 1056150.742 | 180.90879 | .000 |
| ** | | 3.285000 | 745489.391 | 1056149.786 | 180.90879 | .000 |
| ** | | 3.286000 | 745489.686 | 1056148.831 | 180.90879 | .000 |
| ** | | 3.287000 | 745489.981 | 1056147.876 | 180.90879 | .000 |
| ** | | 3.288000 | 745490.277 | 1056146.920 | 180.90879 | .000 |
| ** | | 3.289000 | 745490.572 | 1056145.965 | 180.90879 | .000 |
| ** | | 3.290000 | 745490.868 | 1056145.010 | 180.90879 | .000 |
| ** | | 3.291000 | 745491.163 | 1056144.054 | 180.90879 | .000 |
| ** | | 3.292000 | 745491.458 | 1056143.099 | 180.90879 | .000 |
| ** | | 3.293000 | 745491.754 | 1056142.143 | 180.90879 | .000 |
| ** | | 3.294000 | 745492.049 | 1056141.188 | 180.90879 | .000 |
| ** | | 3.295000 | 745492.345 | 1056140.233 | 180.90879 | .000 |
| ** | | 3.296000 | 745492.640 | 1056139.277 | 180.90879 | .000 |
| ** | | 3.297000 | 745492.935 | 1056138.322 | 180.90879 | .000 |
| ** | | 3.298000 | 745493.231 | 1056137.367 | 180.90879 | .000 |
| ** | | 3.299000 | 745493.526 | 1056136.411 | 180.90879 | .000 |
| ** | | 3.300000 | 745493.822 | 1056135.456 | 180.90879 | .000 |
| ** | | 3.301000 | 745494.117 | 1056134.500 | 180.90879 | .000 |
| ** | | 3.302000 | 745494.413 | 1056133.545 | 180.90879 | .000 |
| ** | | 3.303000 | 745494.708 | 1056132.590 | 180.90879 | .000 |
| ** | | 3.304000 | 745495.003 | 1056131.634 | 180.90879 | .000 |
| ** | | 3.305000 | 745495.299 | 1056130.679 | 180.90879 | .000 |
| ** | | 3.306000 | 745495.594 | 1056129.724 | 180.90879 | .000 |
| ** | | 3.307000 | 745495.890 | 1056128.768 | 180.90879 | .000 |

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|----|----------|------------|-------------|-----------|-----------|
| TP | 3.307183 | 745495.944 | 1056128.594 | 180.90879 | .000 |
| ** | 3.308000 | 745496.185 | 1056127.813 | 180.90091 | -3303.664 |
| ** | 3.309000 | 745496.481 | 1056126.858 | 180.86985 | -1485.741 |
| ** | 3.310000 | 745496.777 | 1056125.902 | 180.81522 | -958.373 |
| ** | 3.311000 | 745497.074 | 1056124.948 | 180.73700 | -707.311 |
| ** | 3.312000 | 745497.373 | 1056123.993 | 180.63520 | -560.483 |
| ** | 3.313000 | 745497.674 | 1056123.040 | 180.50983 | -464.135 |
| ** | 3.314000 | 745497.976 | 1056122.086 | 180.36088 | -396.053 |
| ** | 3.315000 | 745498.281 | 1056121.134 | 180.18835 | -345.389 |
| ** | 3.316000 | 745498.589 | 1056120.183 | 179.99224 | -306.217 |
| ** | 3.317000 | 745498.899 | 1056119.232 | 179.77255 | -275.025 |
| ** | 3.318000 | 745499.214 | 1056118.283 | 179.52929 | -249.601 |
| ** | 3.319000 | 745499.532 | 1056117.335 | 179.26244 | -228.479 |
| ** | 3.320000 | 745499.854 | 1056116.388 | 178.97202 | -210.653 |
| ** | 3.321000 | 745500.180 | 1056115.443 | 178.65802 | -195.408 |
| ** | 3.322000 | 745500.512 | 1056114.499 | 178.32044 | -182.220 |
| ** | 3.323000 | 745500.848 | 1056113.558 | 177.95928 | -170.699 |
| ** | 3.324000 | 745501.191 | 1056112.618 | 177.57454 | -160.549 |
| ** | 3.325000 | 745501.539 | 1056111.681 | 177.16623 | -151.538 |
| ** | 3.326000 | 745501.893 | 1056110.745 | 176.73433 | -143.485 |
| ** | 3.327000 | 745502.253 | 1056109.813 | 176.27886 | -136.245 |
| ** | 3.328000 | 745502.621 | 1056108.883 | 175.79981 | -129.700 |
| ** | 3.329000 | 745502.996 | 1056107.956 | 175.29718 | -123.755 |
| ** | 3.330000 | 745503.378 | 1056107.031 | 174.77097 | -118.331 |
| ** | 3.331000 | 745503.768 | 1056106.111 | 174.22118 | -113.363 |
| ** | 3.332000 | 745504.166 | 1056105.193 | 173.64782 | -108.795 |
| ** | 3.333000 | 745504.572 | 1056104.280 | 173.05088 | -104.581 |
| ** | 3.334000 | 745504.988 | 1056103.370 | 172.43035 | -100.681 |
| ** | 3.335000 | 745505.412 | 1056102.464 | 171.78625 | -97.062 |
| ** | 3.336000 | 745505.845 | 1056101.563 | 171.11857 | -93.694 |
| ** | 3.337000 | 745506.288 | 1056100.667 | 170.42732 | -90.552 |
| PK | 3.337183 | 745506.370 | 1056100.503 | 170.29846 | -90.000 |
| ** | 3.338000 | 745506.741 | 1056099.775 | 169.72035 | -90.000 |
| ** | 3.339000 | 745507.204 | 1056098.889 | 169.01300 | -90.000 |
| ** | 3.340000 | 745507.677 | 1056098.007 | 168.30564 | -90.000 |
| ** | 3.341000 | 745508.159 | 1056097.132 | 167.59829 | -90.000 |
| ** | 3.342000 | 745508.651 | 1056096.261 | 166.89093 | -90.000 |
| ** | 3.343000 | 745509.153 | 1056095.396 | 166.18358 | -90.000 |
| ** | 3.344000 | 745509.664 | 1056094.537 | 165.47622 | -90.000 |
| ** | 3.345000 | 745510.185 | 1056093.683 | 164.76887 | -90.000 |
| ** | 3.346000 | 745510.716 | 1056092.835 | 164.06151 | -90.000 |
| ** | 3.347000 | 745511.255 | 1056091.993 | 163.35416 | -90.000 |
| ** | 3.348000 | 745511.804 | 1056091.158 | 162.64680 | -90.000 |
| ** | 3.349000 | 745512.363 | 1056090.328 | 161.93945 | -90.000 |
| ** | 3.350000 | 745512.930 | 1056089.504 | 161.23209 | -90.000 |
| ** | 3.351000 | 745513.507 | 1056088.687 | 160.52474 | -90.000 |
| ** | 3.352000 | 745514.092 | 1056087.877 | 159.81738 | -90.000 |
| ** | 3.353000 | 745514.687 | 1056087.073 | 159.11003 | -90.000 |
| ** | 3.354000 | 745515.290 | 1056086.275 | 158.40267 | -90.000 |
| ** | 3.355000 | 745515.903 | 1056085.485 | 157.69531 | -90.000 |
| ** | 3.356000 | 745516.524 | 1056084.701 | 156.98796 | -90.000 |
| ** | 3.357000 | 745517.153 | 1056083.924 | 156.28060 | -90.000 |
| ** | 3.358000 | 745517.792 | 1056083.154 | 155.57325 | -90.000 |
| ** | 3.359000 | 745518.438 | 1056082.392 | 154.86589 | -90.000 |
| ** | 3.360000 | 745519.094 | 1056081.636 | 154.15854 | -90.000 |
| ** | 3.361000 | 745519.757 | 1056080.888 | 153.45118 | -90.000 |
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| ** | 3.363000 | 745521.109 | 1056079.415 | 152.03647 | -90.000 |
| ** | 3.364000 | 745521.797 | 1056078.689 | 151.32912 | -90.000 |
| ** | 3.365000 | 745522.494 | 1056077.971 | 150.62176 | -90.000 |
| ** | 3.366000 | 745523.198 | 1056077.261 | 149.91441 | -90.000 |
| ** | 3.367000 | 745523.910 | 1056076.559 | 149.20705 | -90.000 |
| ** | 3.368000 | 745524.629 | 1056075.865 | 148.49970 | -90.000 |
| ** | 3.369000 | 745525.357 | 1056075.178 | 147.79234 | -90.000 |
| ** | 3.370000 | 745526.092 | 1056074.500 | 147.08498 | -90.000 |
| ** | 3.371000 | 745526.834 | 1056073.830 | 146.37763 | -90.000 |
| ** | 3.372000 | 745527.584 | 1056073.169 | 145.67027 | -90.000 |
| ** | 3.373000 | 745528.341 | 1056072.516 | 144.96292 | -90.000 |
| ** | 3.374000 | 745529.106 | 1056071.871 | 144.25556 | -90.000 |
| ** | 3.375000 | 745529.877 | 1056071.235 | 143.54821 | -90.000 |
| ** | 3.376000 | 745530.656 | 1056070.607 | 142.84085 | -90.000 |
| ** | 3.377000 | 745531.441 | 1056069.988 | 142.13350 | -90.000 |
| ** | 3.378000 | 745532.233 | 1056069.378 | 141.42614 | -90.000 |
| ** | 3.379000 | 745533.032 | 1056068.777 | 140.71879 | -90.000 |
| ** | 3.380000 | 745533.838 | 1056068.184 | 140.01143 | -90.000 |
| ** | 3.381000 | 745534.650 | 1056067.601 | 139.30408 | -90.000 |
| ** | 3.382000 | 745535.469 | 1056067.026 | 138.59672 | -90.000 |
| ** | 3.383000 | 745536.294 | 1056066.461 | 137.88937 | -90.000 |
| ** | 3.384000 | 745537.125 | 1056065.905 | 137.18201 | -90.000 |
| ** | 3.385000 | 745537.962 | 1056065.358 | 136.47466 | -90.000 |
| ** | 3.386000 | 745538.805 | 1056064.821 | 135.76730 | -90.000 |
| KP | 3.386195 | 745538.970 | 1056064.717 | 135.62937 | -90.000 |
| ** | 3.387000 | 745539.655 | 1056064.293 | 135.06758 | -92.480 |
| ** | 3.388000 | 745540.509 | 1056063.774 | 134.39098 | -95.760 |
| ** | 3.389000 | 745541.370 | 1056063.264 | 133.73796 | -99.281 |
| ** | 3.390000 | 745542.235 | 1056062.763 | 133.10852 | -103.071 |
| ** | 3.391000 | 745543.105 | 1056062.270 | 132.50266 | -107.162 |
| ** | 3.392000 | 745543.980 | 1056061.785 | 131.92038 | -111.591 |
| ** | 3.393000 | 745544.859 | 1056061.309 | 131.36168 | -116.402 |
| ** | 3.394000 | 745545.742 | 1056060.840 | 130.82656 | -121.647 |
| ** | 3.395000 | 745546.629 | 1056060.378 | 130.31501 | -127.386 |
| ** | 3.396000 | 745547.519 | 1056059.923 | 129.82704 | -133.694 |
| ** | 3.397000 | 745548.413 | 1056059.474 | 129.36265 | -140.658 |
| ** | 3.398000 | 745549.310 | 1056059.032 | 128.92184 | -148.389 |
| ** | 3.399000 | 745550.210 | 1056058.597 | 128.50461 | -157.018 |
| ** | 3.400000 | 745551.113 | 1056058.166 | 128.11096 | -166.714 |
| ** | 3.401000 | 745552.018 | 1056057.742 | 127.74088 | -177.685 |
| ** | 3.402000 | 745552.926 | 1056057.322 | 127.39438 | -190.202 |
| ** | 3.403000 | 745553.836 | 1056056.907 | 127.07147 | -204.616 |
| ** | 3.404000 | 745554.748 | 1056056.497 | 126.77213 | -221.394 |
| ** | 3.405000 | 745555.662 | 1056056.091 | 126.49637 | -241.170 |
| ** | 3.406000 | 745556.577 | 1056055.688 | 126.24418 | -264.824 |
| ** | 3.407000 | 745557.494 | 1056055.289 | 126.01558 | -293.624 |
| ** | 3.408000 | 745558.412 | 1056054.893 | 125.81055 | -329.452 |

| | | | | | | |
|----|--|----------|------------|-------------|-----------|------------|
| ** | | 3.409000 | 745559.332 | 1056054.500 | 125.62911 | -375.238 |
| ** | | 3.410000 | 745560.252 | 1056054.110 | 125.47124 | -435.805 |
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| ** | | 3.412000 | 745562.096 | 1056053.334 | 125.22624 | -643.556 |
| ** | | 3.413000 | 745563.019 | 1056052.949 | 125.13910 | -844.955 |
| ** | | 3.414000 | 745563.942 | 1056052.565 | 125.07555 | -1229.823 |
| ** | | 3.415000 | 745564.866 | 1056052.181 | 125.03557 | -2258.588 |
| ** | | 3.416000 | 745565.789 | 1056051.798 | 125.01918 | -13815.173 |
| PT | | 3.416195 | 745565.970 | 1056051.724 | 125.01873 | .000 |
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| ** | | 3.418000 | 745567.637 | 1056051.033 | 125.01873 | .000 |
| ** | | 3.419000 | 745568.561 | 1056050.650 | 125.01873 | .000 |
| ** | | 3.420000 | 745569.484 | 1056050.267 | 125.01873 | .000 |
| ** | | 3.421000 | 745570.408 | 1056049.884 | 125.01873 | .000 |
| ** | | 3.422000 | 745571.332 | 1056049.501 | 125.01873 | .000 |
| ** | | 3.423000 | 745572.256 | 1056049.118 | 125.01873 | .000 |
| ** | | 3.424000 | 745573.180 | 1056048.735 | 125.01873 | .000 |
| ** | | 3.425000 | 745574.103 | 1056048.352 | 125.01873 | .000 |
| ** | | 3.426000 | 745575.027 | 1056047.969 | 125.01873 | .000 |
| ** | | 3.427000 | 745575.951 | 1056047.586 | 125.01873 | .000 |
| ** | | 3.428000 | 745576.875 | 1056047.203 | 125.01873 | .000 |
| ** | | 3.429000 | 745577.798 | 1056046.820 | 125.01873 | .000 |
| ** | | 3.430000 | 745578.722 | 1056046.437 | 125.01873 | .000 |
| ** | | 3.431000 | 745579.646 | 1056046.054 | 125.01873 | .000 |
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| ** | | 3.433000 | 745581.493 | 1056045.288 | 125.01873 | .000 |
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| ** | | 3.435000 | 745583.341 | 1056044.522 | 125.01873 | .000 |
| TP | | 3.435481 | 745583.785 | 1056044.338 | 125.01873 | .000 |
| ** | | 3.436000 | 745584.265 | 1056044.139 | 125.01965 | 17911.932 |
| ** | | 3.437000 | 745585.188 | 1056043.756 | 125.02663 | 6121.615 |
| ** | | 3.438000 | 745586.112 | 1056043.373 | 125.04045 | 3691.638 |
| ** | | 3.439000 | 745587.036 | 1056042.990 | 125.06112 | 2642.641 |
| ** | | 3.440000 | 745587.959 | 1056042.606 | 125.08863 | 2057.883 |
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| ** | | 3.443000 | 745590.728 | 1056041.452 | 125.21224 | 1236.833 |
| ** | | 3.444000 | 745591.651 | 1056041.065 | 125.26713 | 1091.651 |
| ** | | 3.445000 | 745592.573 | 1056040.678 | 125.32887 | 976.972 |
| ** | | 3.446000 | 745593.494 | 1056040.291 | 125.39746 | 884.097 |
| ** | | 3.447000 | 745594.416 | 1056039.902 | 125.47289 | 807.347 |
| ** | | 3.448000 | 745595.336 | 1056039.511 | 125.55517 | 742.859 |
| ** | | 3.449000 | 745596.257 | 1056039.120 | 125.64429 | 687.910 |
| ** | | 3.450000 | 745597.176 | 1056038.727 | 125.74025 | 640.531 |
| ** | | 3.451000 | 745598.095 | 1056038.333 | 125.84307 | 599.257 |
| ** | | 3.452000 | 745599.014 | 1056037.938 | 125.95272 | 562.981 |
| ** | | 3.453000 | 745599.931 | 1056037.540 | 126.06923 | 530.846 |
| ** | | 3.454000 | 745600.848 | 1056037.141 | 126.19258 | 502.181 |
| ** | | 3.455000 | 745601.765 | 1056036.740 | 126.32277 | 476.454 |
| ** | | 3.456000 | 745602.680 | 1056036.338 | 126.45981 | 453.234 |
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| ** | | 3.458000 | 745604.508 | 1056035.526 | 126.75442 | 412.981 |
| ** | | 3.459000 | 745605.420 | 1056035.117 | 126.91200 | 395.421 |
| ** | | 3.460000 | 745606.332 | 1056034.705 | 127.07642 | 379.294 |
| ** | | 3.461000 | 745607.242 | 1056034.292 | 127.24768 | 364.431 |
| ** | | 3.462000 | 745608.151 | 1056033.875 | 127.42579 | 350.689 |
| ** | | 3.463000 | 745609.059 | 1056033.456 | 127.61075 | 337.946 |
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| ** | | 3.465000 | 745610.872 | 1056032.610 | 128.00120 | 315.049 |
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| ** | | 3.466000 | 745611.776 | 1056032.183 | 128.20577 | 310.000 |
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| ** | 3.510000 | 745650.058 | 1056010.567 | 137.24166 | 310.000 |
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| ** | 3.517000 | 745655.849 | 1056006.636 | 138.67919 | 310.000 |
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| ** | 3.521000 | 745659.119 | 1056004.332 | 139.50064 | 310.000 |
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| ** | 3.543000 | 745676.932 | 1055991.421 | 139.95032 | .000 |
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| ** | 3.594000 | 745718.215 | 1055961.476 | 139.95032 | .000 |
| ** | 3.595000 | 745719.024 | 1055960.889 | 139.95032 | .000 |
| ** | 3.596000 | 745719.834 | 1055960.301 | 139.95032 | .000 |
| ** | 3.597000 | 745720.643 | 1055959.714 | 139.95032 | .000 |
| ** | 3.598000 | 745721.453 | 1055959.127 | 139.95032 | .000 |
| ** | 3.599000 | 745722.262 | 1055958.540 | 139.95032 | .000 |
| ** | 3.600000 | 745723.072 | 1055957.953 | 139.95032 | .000 |
| ** | 3.601000 | 745723.881 | 1055957.366 | 139.95032 | .000 |
| ** | 3.602000 | 745724.691 | 1055956.778 | 139.95032 | .000 |
| ** | 3.603000 | 745725.500 | 1055956.191 | 139.95032 | .000 |
| ** | 3.604000 | 745726.310 | 1055955.604 | 139.95032 | .000 |
| ** | 3.605000 | 745727.119 | 1055955.017 | 139.95032 | .000 |
| ** | 3.606000 | 745727.929 | 1055954.430 | 139.95032 | .000 |
| ** | 3.607000 | 745728.738 | 1055953.843 | 139.95032 | .000 |
| ** | 3.608000 | 745729.548 | 1055953.256 | 139.95032 | .000 |
| ** | 3.609000 | 745730.357 | 1055952.668 | 139.95032 | .000 |
| ** | 3.610000 | 745731.167 | 1055952.081 | 139.95032 | .000 |
| ** | 3.611000 | 745731.976 | 1055951.494 | 139.95032 | .000 |
| ** | 3.612000 | 745732.786 | 1055950.907 | 139.95032 | .000 |

| | | | | | |
|----|----------|------------|-------------|-----------|---------|
| ** | 3.613000 | 745733.595 | 1055950.320 | 139.95032 | .000 |
| ** | 3.614000 | 745734.404 | 1055949.733 | 139.95032 | .000 |
| ** | 3.615000 | 745735.214 | 1055949.145 | 139.95032 | .000 |
| ** | 3.616000 | 745736.023 | 1055948.558 | 139.95032 | .000 |
| ** | 3.617000 | 745736.833 | 1055947.971 | 139.95032 | .000 |
| ** | 3.618000 | 745737.642 | 1055947.384 | 139.95032 | .000 |
| ** | 3.619000 | 745738.452 | 1055946.797 | 139.95032 | .000 |
| ** | 3.620000 | 745739.261 | 1055946.210 | 139.95032 | .000 |
| ** | 3.621000 | 745740.071 | 1055945.623 | 139.95032 | .000 |
| ** | 3.622000 | 745740.880 | 1055945.035 | 139.95032 | .000 |
| ** | 3.623000 | 745741.690 | 1055944.448 | 139.95032 | .000 |
| ** | 3.624000 | 745742.499 | 1055943.861 | 139.95032 | .000 |
| ** | 3.625000 | 745743.309 | 1055943.274 | 139.95032 | .000 |
| ** | 3.626000 | 745744.118 | 1055942.687 | 139.95032 | .000 |
| ** | 3.627000 | 745744.928 | 1055942.100 | 139.95032 | .000 |
| ** | 3.628000 | 745745.737 | 1055941.512 | 139.95032 | .000 |
| ** | 3.629000 | 745746.547 | 1055940.925 | 139.95032 | .000 |
| ** | 3.630000 | 745747.356 | 1055940.338 | 139.95032 | .000 |
| ** | 3.631000 | 745748.166 | 1055939.751 | 139.95032 | .000 |
| ** | 3.632000 | 745748.975 | 1055939.164 | 139.95032 | .000 |
| ** | 3.633000 | 745749.785 | 1055938.577 | 139.95032 | .000 |
| ** | 3.634000 | 745750.594 | 1055937.990 | 139.95032 | .000 |
| ** | 3.635000 | 745751.403 | 1055937.402 | 139.95032 | .000 |
| ** | 3.636000 | 745752.213 | 1055936.815 | 139.95032 | .000 |
| ** | 3.637000 | 745753.022 | 1055936.228 | 139.95032 | .000 |
| ** | 3.638000 | 745753.832 | 1055935.641 | 139.95032 | .000 |
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| ** | 3.640000 | 745755.451 | 1055934.467 | 139.95032 | .000 |
| ** | 3.641000 | 745756.260 | 1055933.879 | 139.95032 | .000 |
| ** | 3.642000 | 745757.070 | 1055933.292 | 139.95032 | .000 |
| ** | 3.643000 | 745757.879 | 1055932.705 | 139.95032 | .000 |
| ** | 3.644000 | 745758.689 | 1055932.118 | 139.95032 | .000 |
| ** | 3.645000 | 745759.498 | 1055931.531 | 139.95032 | .000 |
| ** | 3.646000 | 745760.308 | 1055930.944 | 139.95032 | .000 |
| ** | 3.647000 | 745761.117 | 1055930.357 | 139.95032 | .000 |
| ** | 3.648000 | 745761.927 | 1055929.769 | 139.95032 | .000 |
| ** | 3.649000 | 745762.736 | 1055929.182 | 139.95032 | .000 |
| ** | 3.650000 | 745763.546 | 1055928.595 | 139.95032 | .000 |
| ** | 3.651000 | 745764.355 | 1055928.008 | 139.95032 | .000 |
| ** | 3.652000 | 745765.165 | 1055927.421 | 139.95032 | .000 |
| ** | 3.653000 | 745765.974 | 1055926.834 | 139.95032 | .000 |
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| ** | 3.658000 | 745770.021 | 1055923.898 | 139.95032 | .000 |
| ** | 3.659000 | 745770.831 | 1055923.311 | 139.95032 | .000 |
| ** | 3.660000 | 745771.640 | 1055922.724 | 139.95032 | .000 |
| ** | 3.661000 | 745772.450 | 1055922.136 | 139.95032 | .000 |
| ** | 3.662000 | 745773.259 | 1055921.549 | 139.95032 | .000 |
| ** | 3.663000 | 745774.069 | 1055920.962 | 139.95032 | .000 |
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| ** | 3.665000 | 745775.688 | 1055919.788 | 139.95032 | .000 |
| ** | 3.666000 | 745776.497 | 1055919.201 | 139.95032 | .000 |
| ** | 3.667000 | 745777.307 | 1055918.613 | 139.95032 | .000 |
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| ** | 3.669000 | 745778.926 | 1055917.439 | 139.95032 | .000 |
| ** | 3.670000 | 745779.735 | 1055916.852 | 139.95032 | .000 |
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| ** | 3.676000 | 745784.592 | 1055913.329 | 139.95032 | .000 |
| ** | 3.677000 | 745785.401 | 1055912.742 | 139.95032 | .000 |
| ** | 3.678000 | 745786.211 | 1055912.155 | 139.95032 | .000 |
| ** | 3.679000 | 745787.020 | 1055911.568 | 139.95032 | .000 |
| TK | 3.679322 | 745787.281 | 1055911.379 | 139.95032 | 160.000 |
| ** | 3.680000 | 745787.829 | 1055910.979 | 140.22025 | 160.000 |
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| ** | 3.682000 | 745789.436 | 1055909.788 | 141.01603 | 160.000 |
| ** | 3.683000 | 745790.233 | 1055909.185 | 141.41392 | 160.000 |
| ** | 3.684000 | 745791.027 | 1055908.577 | 141.81180 | 160.000 |
| ** | 3.685000 | 745791.817 | 1055907.964 | 142.20969 | 160.000 |
| ** | 3.686000 | 745792.603 | 1055907.346 | 142.60758 | 160.000 |
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| ** | 3.688000 | 745794.164 | 1055906.095 | 143.40335 | 160.000 |
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| ** | 3.692000 | 745797.238 | 1055903.536 | 144.99490 | 160.000 |
| ** | 3.693000 | 745797.996 | 1055902.884 | 145.39279 | 160.000 |
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| ** | 3.695000 | 745799.501 | 1055901.567 | 146.18856 | 160.000 |
| ** | 3.696000 | 745800.247 | 1055900.901 | 146.58645 | 160.000 |
| ** | 3.697000 | 745800.989 | 1055900.230 | 146.98434 | 160.000 |
| ** | 3.698000 | 745801.727 | 1055899.555 | 147.38223 | 160.000 |
| ** | 3.699000 | 745802.460 | 1055898.875 | 147.78011 | 160.000 |
| ** | 3.700000 | 745803.189 | 1055898.191 | 148.17800 | 160.000 |
| ** | 3.701000 | 745803.914 | 1055897.502 | 148.57589 | 160.000 |
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| ** | 3.703000 | 745805.351 | 1055896.111 | 149.37166 | 160.000 |
| ** | 3.704000 | 745806.063 | 1055895.409 | 149.76955 | 160.000 |
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| ** | 3.708000 | 745808.866 | 1055892.555 | 151.36110 | 160.000 |
| ** | 3.709000 | 745809.556 | 1055891.831 | 151.75899 | 160.000 |
| ** | 3.710000 | 745810.241 | 1055891.102 | 152.15688 | 160.000 |
| ** | 3.711000 | 745810.921 | 1055890.370 | 152.55476 | 160.000 |
| ** | 3.712000 | 745811.597 | 1055889.633 | 152.95265 | 160.000 |
| ** | 3.713000 | 745812.268 | 1055888.891 | 153.35054 | 160.000 |
| ** | 3.714000 | 745812.935 | 1055888.146 | 153.74842 | 160.000 |
| ** | 3.715000 | 745813.597 | 1055887.396 | 154.14631 | 160.000 |

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|----|----------|------------|-------------|-----------|------------|
| ** | 3.716000 | 745814.254 | 1055886.643 | 154.54420 | 160.000 |
| ** | 3.717000 | 745814.906 | 1055885.885 | 154.94209 | 160.000 |
| ** | 3.718000 | 745815.554 | 1055885.123 | 155.33997 | 160.000 |
| ** | 3.719000 | 745816.197 | 1055884.357 | 155.73786 | 160.000 |
| ** | 3.720000 | 745816.835 | 1055883.587 | 156.13575 | 160.000 |
| ** | 3.721000 | 745817.469 | 1055882.814 | 156.53364 | 160.000 |
| KP | 3.721021 | 745817.482 | 1055882.797 | 156.54199 | 160.000 |
| ** | 3.722000 | 745818.097 | 1055882.036 | 156.92676 | 164.014 |
| ** | 3.723000 | 745818.721 | 1055881.254 | 157.30993 | 168.328 |
| ** | 3.724000 | 745819.340 | 1055880.469 | 157.68316 | 172.875 |
| ** | 3.725000 | 745819.955 | 1055879.680 | 158.04644 | 177.674 |
| ** | 3.726000 | 745820.565 | 1055878.888 | 158.39978 | 182.748 |
| ** | 3.727000 | 745821.171 | 1055878.092 | 158.74316 | 188.119 |
| ** | 3.728000 | 745821.772 | 1055877.293 | 159.07660 | 193.816 |
| ** | 3.729000 | 745822.370 | 1055876.491 | 159.40009 | 199.869 |
| ** | 3.730000 | 745822.963 | 1055875.686 | 159.71364 | 206.312 |
| ** | 3.731000 | 745823.552 | 1055874.879 | 160.01724 | 213.184 |
| ** | 3.732000 | 745824.138 | 1055874.068 | 160.31089 | 220.530 |
| ** | 3.733000 | 745824.720 | 1055873.255 | 160.59459 | 228.400 |
| ** | 3.734000 | 745825.299 | 1055872.439 | 160.86835 | 236.853 |
| ** | 3.735000 | 745825.874 | 1055871.621 | 161.13216 | 245.955 |
| ** | 3.736000 | 745826.445 | 1055870.801 | 161.38602 | 255.785 |
| ** | 3.737000 | 745827.014 | 1055869.978 | 161.62993 | 266.434 |
| ** | 3.738000 | 745827.579 | 1055869.153 | 161.86390 | 278.007 |
| ** | 3.739000 | 745828.141 | 1055868.326 | 162.08792 | 290.632 |
| ** | 3.740000 | 745828.701 | 1055867.497 | 162.30199 | 304.458 |
| ** | 3.741000 | 745829.258 | 1055866.667 | 162.50612 | 319.664 |
| ** | 3.742000 | 745829.812 | 1055865.834 | 162.70030 | 336.470 |
| ** | 3.743000 | 745830.364 | 1055865.000 | 162.88453 | 355.141 |
| ** | 3.744000 | 745830.913 | 1055864.165 | 163.05882 | 376.006 |
| ** | 3.745000 | 745831.460 | 1055863.328 | 163.22315 | 399.476 |
| ** | 3.746000 | 745832.005 | 1055862.489 | 163.37754 | 426.070 |
| ** | 3.747000 | 745832.548 | 1055861.650 | 163.52199 | 456.458 |
| ** | 3.748000 | 745833.090 | 1055860.809 | 163.65648 | 491.514 |
| ** | 3.749000 | 745833.629 | 1055859.967 | 163.78103 | 532.402 |
| ** | 3.750000 | 745834.167 | 1055859.124 | 163.89563 | 580.710 |
| ** | 3.751000 | 745834.704 | 1055858.280 | 164.00029 | 638.659 |
| ** | 3.752000 | 745835.239 | 1055857.435 | 164.09499 | 709.456 |
| ** | 3.753000 | 745835.773 | 1055856.590 | 164.17975 | 797.906 |
| ** | 3.754000 | 745836.306 | 1055855.744 | 164.25457 | 911.552 |
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| ** | 3.756000 | 745837.369 | 1055854.050 | 164.37435 | 1274.648 |
| ** | 3.757000 | 745837.900 | 1055853.202 | 164.41932 | 1591.647 |
| ** | 3.758000 | 745838.430 | 1055852.354 | 164.45435 | 2118.509 |
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| ** | 3.762000 | 745840.547 | 1055848.960 | 164.49974 | .000 |
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| ** | 3.764000 | 745841.605 | 1055847.263 | 164.49974 | .000 |
| ** | 3.765000 | 745842.134 | 1055846.415 | 164.49974 | .000 |
| ** | 3.766000 | 745842.664 | 1055845.566 | 164.49974 | .000 |
| ** | 3.767000 | 745843.193 | 1055844.718 | 164.49974 | .000 |
| ** | 3.768000 | 745843.722 | 1055843.869 | 164.49974 | .000 |
| ** | 3.769000 | 745844.251 | 1055843.021 | 164.49974 | .000 |
| ** | 3.770000 | 745844.780 | 1055842.172 | 164.49974 | .000 |
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| ** | 3.782000 | 745851.131 | 1055831.990 | 164.49974 | .000 |
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| ** | 3.785000 | 745852.718 | 1055829.445 | 164.49974 | .000 |
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| ** | 3.787000 | 745853.776 | 1055827.748 | 164.49974 | .000 |
| ** | 3.788000 | 745854.306 | 1055826.899 | 164.49974 | .000 |
| ** | 3.789000 | 745854.835 | 1055826.051 | 164.49974 | .000 |
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| ** | 3.791000 | 745855.893 | 1055824.354 | 164.49974 | .000 |
| ** | 3.792000 | 745856.422 | 1055823.505 | 164.49974 | .000 |
| ** | 3.793000 | 745856.952 | 1055822.656 | 164.49974 | .000 |
| ** | 3.794000 | 745857.481 | 1055821.808 | 164.49974 | .000 |
| ** | 3.795000 | 745858.010 | 1055820.959 | 164.49974 | .000 |
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| ** | 3.801000 | 745861.185 | 1055815.868 | 164.49974 | .000 |
| ** | 3.802000 | 745861.714 | 1055815.020 | 164.49974 | .000 |
| ** | 3.803000 | 745862.243 | 1055814.171 | 164.49974 | .000 |
| ** | 3.804000 | 745862.773 | 1055813.323 | 164.49974 | .000 |
| ** | 3.805000 | 745863.302 | 1055812.474 | 164.49974 | .000 |
| ** | 3.806000 | 745863.831 | 1055811.626 | 164.49974 | .000 |
| ** | 3.807000 | 745864.360 | 1055810.777 | 164.49974 | .000 |
| ** | 3.808000 | 745864.889 | 1055809.929 | 164.49974 | .000 |
| ** | 3.809000 | 745865.419 | 1055809.080 | 164.49974 | .000 |
| ** | 3.810000 | 745865.948 | 1055808.232 | 164.49974 | .000 |
| ** | 3.811000 | 745866.477 | 1055807.383 | 164.49974 | .000 |
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| ** | 3.813000 | 745867.535 | 1055805.686 | 164.49974 | .000 |
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| ** | 3.815000 | 745868.594 | 1055803.989 | 164.49974 | .000 |
| ** | 3.816000 | 745869.123 | 1055803.141 | 164.49974 | .000 |
| ** | 3.817000 | 745869.652 | 1055802.292 | 164.49974 | .000 |

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| ** | 3.818000 | 745870.181 | 1055801.444 | 164.49974 | .000 |
| ** | 3.819000 | 745870.710 | 1055800.595 | 164.49974 | .000 |
| ** | 3.820000 | 745871.240 | 1055799.747 | 164.49974 | .000 |
| ** | 3.821000 | 745871.769 | 1055798.898 | 164.49974 | .000 |
| ** | 3.822000 | 745872.298 | 1055798.050 | 164.49974 | .000 |
| ** | 3.823000 | 745872.827 | 1055797.201 | 164.49974 | .000 |
| ** | 3.824000 | 745873.356 | 1055796.353 | 164.49974 | .000 |
| ** | 3.825000 | 745873.885 | 1055795.504 | 164.49974 | .000 |
| ** | 3.826000 | 745874.415 | 1055794.656 | 164.49974 | .000 |
| ** | 3.827000 | 745874.944 | 1055793.807 | 164.49974 | .000 |
| ** | 3.828000 | 745875.473 | 1055792.959 | 164.49974 | .000 |
| ** | 3.829000 | 745876.002 | 1055792.110 | 164.49974 | .000 |
| ** | 3.830000 | 745876.531 | 1055791.262 | 164.49974 | .000 |
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| ** | 3.832000 | 745877.590 | 1055789.565 | 164.49974 | .000 |
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| ** | 3.836000 | 745879.706 | 1055786.171 | 164.49974 | .000 |
| ** | 3.837000 | 745880.236 | 1055785.322 | 164.49974 | .000 |
| ** | 3.838000 | 745880.765 | 1055784.474 | 164.49974 | .000 |
| ** | 3.839000 | 745881.294 | 1055783.625 | 164.49974 | .000 |
| ** | 3.840000 | 745881.823 | 1055782.777 | 164.49974 | .000 |
| ** | 3.841000 | 745882.352 | 1055781.928 | 164.49974 | .000 |
| ** | 3.842000 | 745882.882 | 1055781.080 | 164.49974 | .000 |
| ** | 3.843000 | 745883.411 | 1055780.231 | 164.49974 | .000 |
| ** TO | 3.843679 | 745883.770 | 1055779.655 | 164.49974 | .000 |

*** VÝPOČET UKONČEN BEZ CHYB ***

NIVELETA ZADANÁ TEČNAMI

Verze: 2017

Datum zadání: 16.04.2021

Datum výpočtu: 16. 4.2021 15:11:56

datum a čas kompilace: 02.03.2017 23:08

Projekt: BREZANY

Trasa: 101.V31

* Použit vstupní soubor Niveleta s názvem 101.SNI
 * Akce:
 * Trasa:
 * Datum vzniku 20.10.2017 programem HNIV21
 * Datum posl. zápisu 14.02.2018 programem HNIV21
 * Soubor .SNI nového typu

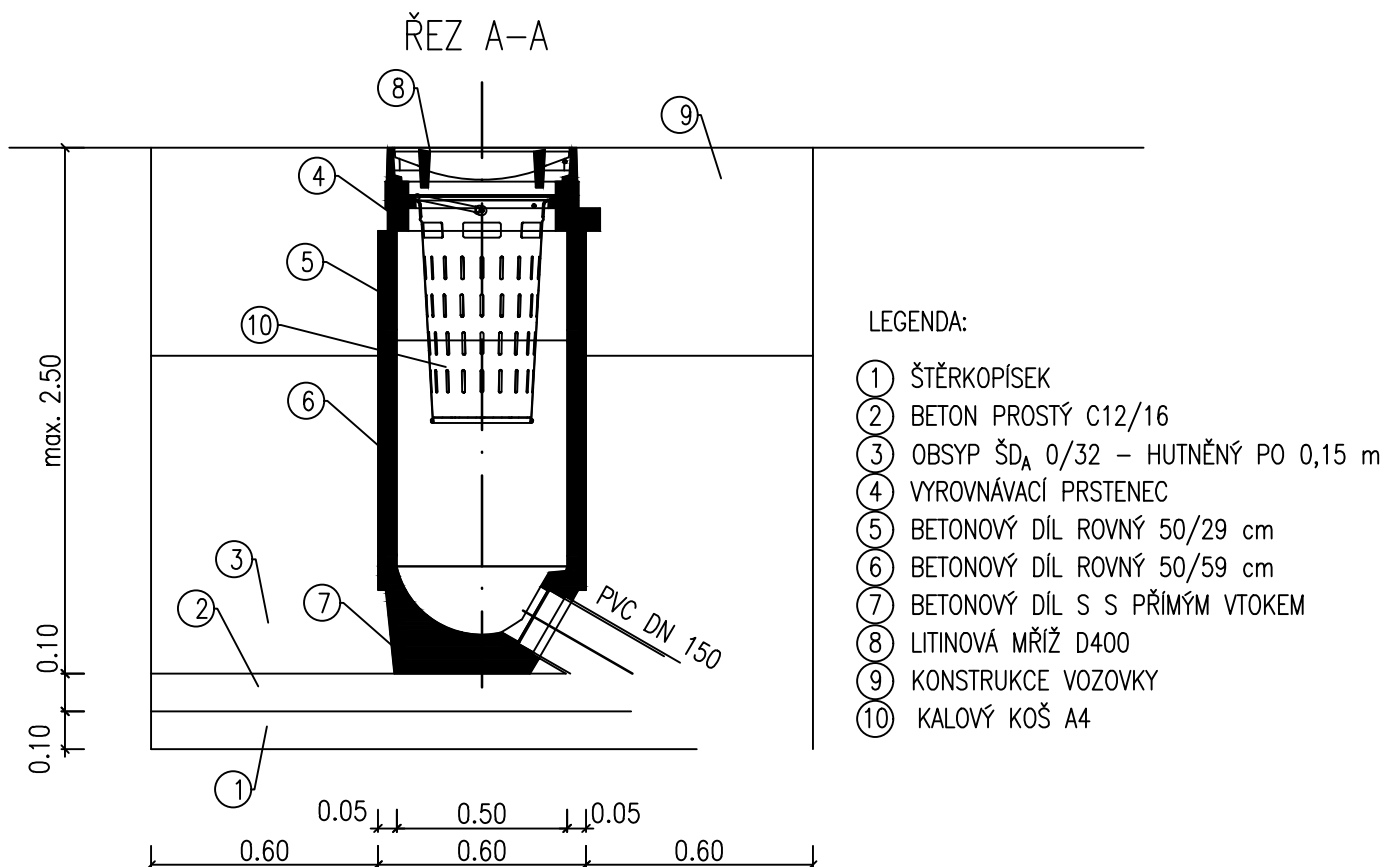
P R O T O K O L O N I V E L E T Ě

| číslo vrch. | staničení vrcholu | výška vrcholu | typ obl. | poloměr m | tečna m | vzepětí m | spád % | délka m | mezipřímá m |
|----------------|----------------------|------------------|-------------|--------------|------------|--------------|-----------|------------|----------------|
| 1 | .000000 | 324.959 | 0 | .000 | .000 | .000 | -7.386 | 63.229 | 28.702 |
| 2 | .063229 | 320.289 | 3 | 2000.000 | 34.527 | .298 | -3.933 | 50.875 | .807 |
| 3 | .114104 | 318.288 | 3 | 1000.000 | 15.542 | .121 | -.825 | 66.193 | 30.576 |
| 4 | .180297 | 317.742 | 3 | 2000.000 | 20.075 | .101 | -2.832 | 98.116 | 37.532 |
| 5 | .278413 | 314.963 | 3 | 2700.000 | 40.509 | .304 | -5.833 | 72.964 | 16.747 |
| 6 | .351377 | 310.707 | 3 | 2800.000 | 15.708 | .044 | -4.711 | 70.197 | 23.818 |
| 7 | .421574 | 307.400 | 3 | 1500.000 | 30.671 | .314 | -.622 | 198.541 | 115.948 |
| 8 | .620115 | 306.166 | 3 | 3500.000 | 51.921 | .385 | -3.588 | 199.556 | 126.683 |
| 9 | .819671 | 299.005 | 3 | 5800.000 | 20.952 | .038 | -2.866 | 59.386 | 6.320 |
| 10 | .879057 | 297.303 | 3 | 5000.000 | 32.114 | .103 | -4.151 | 115.870 | 48.340 |
| 11 | .994927 | 292.494 | 3 | 3800.000 | 35.415 | .165 | -2.287 | 139.650 | 29.563 |
| 12 | 1.134576 | 289.300 | 3 | 6000.000 | 74.672 | .465 | -4.776 | 145.376 | 49.293 |
| 13 | 1.279952 | 282.358 | 3 | 2000.000 | 21.411 | .115 | -2.635 | 50.246 | 2.300 |
| 14 | 1.330198 | 281.034 | 3 | 3500.000 | 26.535 | .101 | -4.151 | 132.937 | 86.886 |
| 15 | 1.463135 | 275.516 | 3 | 4200.000 | 19.517 | .045 | -3.221 | 110.353 | 77.833 |
| 16 | 1.573488 | 271.961 | 3 | 3500.000 | 13.004 | .024 | -2.478 | 46.522 | 20.272 |
| 17 | 1.620010 | 270.808 | 3 | 1300.000 | 13.246 | .067 | -4.516 | 25.774 | 2.956 |
| 18 | 1.645784 | 269.644 | 3 | 1400.000 | 9.572 | .033 | -3.149 | 79.190 | 38.398 |
| 19 | 1.724974 | 267.151 | 3 | 2800.000 | 31.220 | .174 | -.919 | 62.430 | 10.024 |
| 20 | 1.787404 | 266.577 | 3 | 1600.000 | 21.185 | .140 | -3.567 | 78.108 | 21.500 |
| 21 | 1.865512 | 263.791 | 3 | 7700.000 | 35.423 | .081 | -2.647 | 95.517 | 38.793 |
| 22 | 1.961029 | 261.263 | 3 | 5000.000 | 21.301 | .045 | -3.499 | 104.145 | 30.825 |
| 23 | 2.065174 | 257.619 | 3 | 13200.000 | 52.018 | .102 | -2.711 | 169.403 | 110.963 |
| 24 | 2.234577 | 253.027 | 3 | 6100.000 | 6.422 | .003 | -2.921 | 33.650 | 15.751 |
| 25 | 2.268227 | 252.044 | 3 | 4700.000 | 11.477 | .014 | -2.433 | 37.199 | 17.310 |
| 26 | 2.305426 | 251.139 | 3 | 6000.000 | 8.412 | .006 | -2.713 | 102.497 | 83.699 |
| 27 | 2.407923 | 248.358 | 3 | 6500.000 | 10.387 | .008 | -3.033 | 47.810 | 26.373 |
| 28 | 2.455733 | 246.908 | 3 | 4500.000 | 11.051 | .014 | -2.542 | 68.773 | 50.685 |
| 29 | 2.524506 | 245.160 | 3 | 8000.000 | 7.037 | .003 | -2.718 | 138.798 | 120.280 |
| 30 | 2.663304 | 241.388 | 3 | 4200.000 | 11.481 | .016 | -2.171 | 145.286 | 97.010 |
| 31 | 2.808590 | 238.234 | 3 | 5900.000 | 36.794 | .115 | -3.418 | 103.155 | 58.583 |
| 32 | 2.911745 | 234.708 | 3 | 4500.000 | 7.778 | .007 | -3.072 | 119.658 | 82.441 |
| 33 | 3.031403 | 231.032 | 3 | 5300.000 | 29.439 | .082 | -4.183 | 133.468 | 83.711 |
| 34 | 3.164871 | 225.448 | 3 | 3400.000 | 20.318 | .061 | -2.988 | 53.311 | 3.092 |
| 35 | 3.218182 | 223.855 | 3 | 5000.000 | 29.901 | .089 | -4.184 | 81.239 | 40.892 |
| 36 | 3.299421 | 220.456 | 3 | 2100.000 | 10.446 | .026 | -3.189 | 27.714 | 5.064 |
| 37 | 3.327136 | 219.572 | 3 | 2800.000 | 12.204 | .027 | -4.061 | 101.616 | 80.381 |
| 38 | 3.428752 | 215.445 | 3 | 4200.000 | 9.031 | .010 | -3.631 | 42.522 | 23.445 |
| 39 | 3.471274 | 213.901 | 3 | 5000.000 | 10.046 | .010 | -4.033 | 22.784 | .620 |

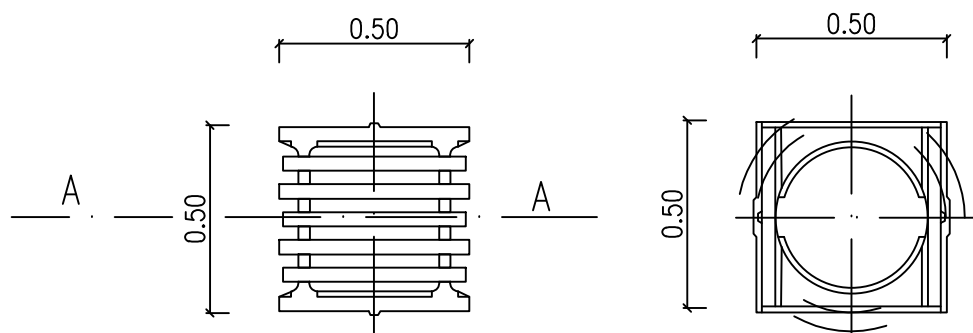
| | | | | | | | | | |
|----|----------|---------|---|----------|--------|------|--------|---------|---------|
| 40 | 3.494058 | 212.982 | 3 | 3500.000 | 12.117 | .021 | | | |
| | | | | | | | -3.340 | 107.354 | 85.425 |
| 41 | 3.601412 | 209.396 | 3 | 9000.000 | 9.812 | .005 | | | |
| | | | | | | | -3.122 | 48.744 | 22.942 |
| 42 | 3.650156 | 207.874 | 3 | 4100.000 | 15.990 | .031 | | | |
| | | | | | | | -2.342 | 54.955 | 15.444 |
| 43 | 3.705111 | 206.587 | 3 | 5300.000 | 23.521 | .052 | | | |
| | | | | | | | -3.230 | 138.567 | 115.047 |
| 44 | 3.843678 | 202.111 | 0 | .000 | .000 | .000 | | | |

*** VÝPOČET UKONČEN BEZ CHYB ***

VZOROVÁ SESTAVA ULIČNÍ VPUSTI



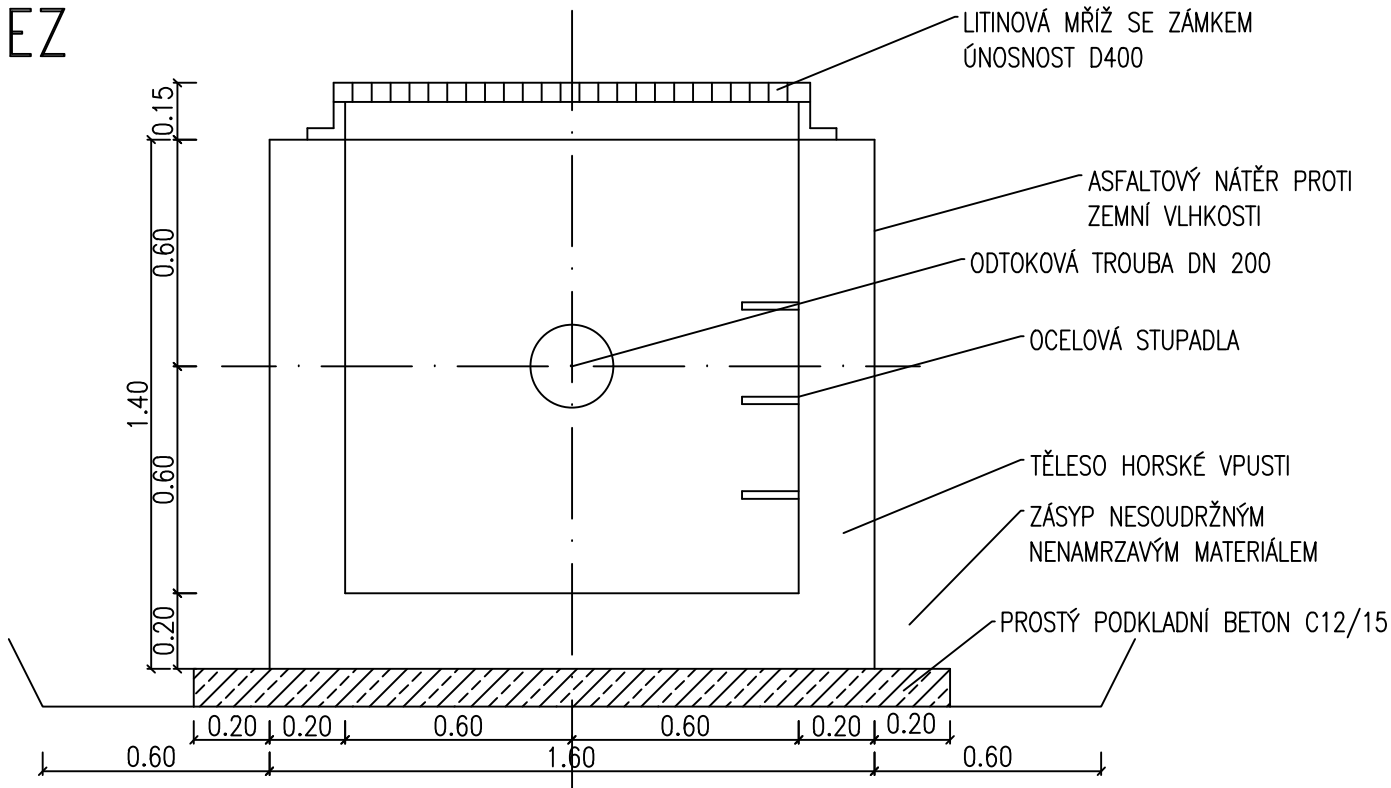
PŮDORYS MŘÍŽE PŮDORYS RÁMU



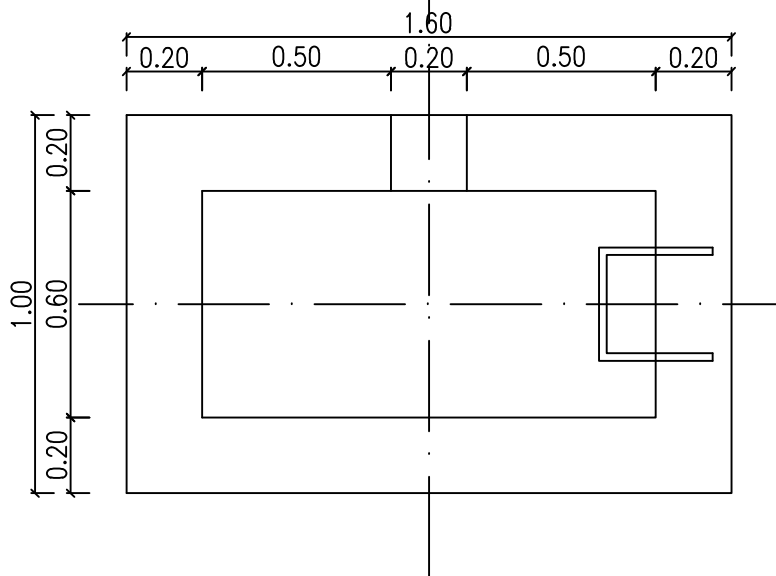
pozn. MŘÍŽ JE NUTNO OSADIT TAK, ABY NEDOCHÁZELO
K ZAPADNUTÍ JÍZDNÍCH KOL

VZOROVÁ SESTAVA PREFABRIKOVANÉ HORSKÉ VPUSTI

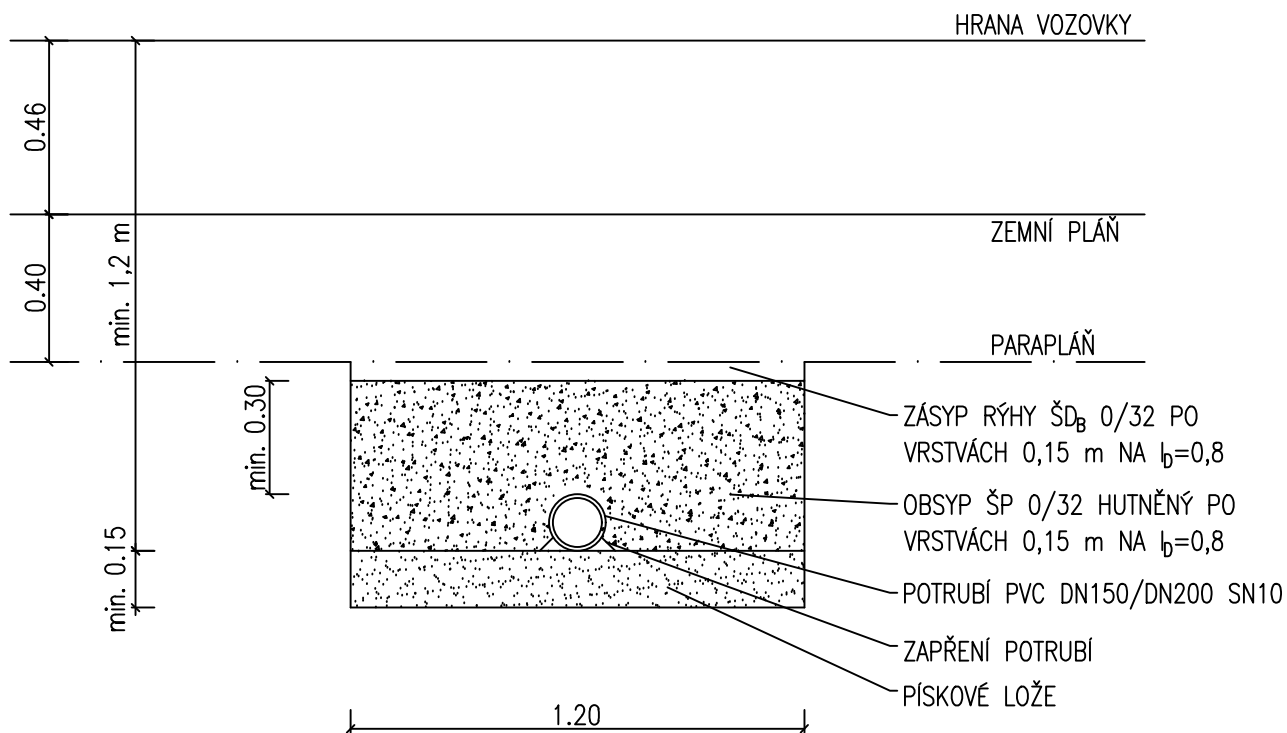
ŘEZ



PŮDORYS



VZOROVÉ ULOŽENÍ PŘÍPOJKY



POZN.:

PŘI HLOUBCE RÝHY > 1,2m JE NUTNÉ PROVÁDĚT PRÁCE VE VÝKOPU POD OCHRANOU PŘÍLOŽNÉHO PAŽENÍ