

Sisukord


```

ALTER PROCEDURE dbo.int_hooldus_klient_pvn @aeg1 datetime,
    @aeg2 datetime AS --static vars
    DECLARE @vat_declar_name nvarchar(200)
SET
    @vat_declar_name = 'PVN' DECLARE @stat_vat DECIMAL
SET
    @stat_vat = 21 DECLARE @lim DECIMAL

DECLARE @stat_vat12 DECIMAL -- Declared a new variable for 12% VAT
SET @stat_vat12 = 12

SET
    @lim = ISNULL(
        (
            SELECT
                TOP 1 CAST(ISNULL(kontod, 1000) AS DECIMAL)
            FROM
                fin_aru_kaive_read WITH (NOLOCK)
            WHERE
                NUMBER = 9000
                AND kood = @vat_declar_name
                AND ttyp = 3
        ),
        1000
    ) DECLARE @account INT
SET
    @account = 57211 DECLARE @i INT
SET
    @i = 1 DECLARE @x nvarchar(10)
SET
    @x = '1' DECLARE @y nvarchar(10)
SET
    @y = '1' --numbers helper
    DECLARE @numbers TABLE (n INT)
INSERT INTO
    @numbers
SELECT
    TOP 1000 ROW_NUMBER() OVER(
        ORDER BY
            t1.number
    )
FROM
    master..spt_values t1
    CROSS JOIN master..spt_values t2 --vat summary
    DECLARE @vat_declar_sums TABLE (
        row_nr INT,
        row_type INT,
        c_class INT,
        vat_code nvarchar(30),
        nr nvarchar(30),
        description nvarchar(200),

```

```

        range_formula nvarchar(200),
        doc_sum DECIMAL(15, 2)
    )
INSERT INTO
    @vat_declar_sums
SELECT
    ROW_NUMBER() OVER (
        ORDER BY
            kood
    ),
    tyyp,
    kontoklass,
    kmkood,
    NUMBER,
    tekst,
    kontod,
    0
FROM
    fin_aru_kaive_read WITH (NOLOCK)
WHERE
    kood = @vat_declar_name
    AND (
        tyyp = 1
        OR tyyp = 2
        OR tyyp = 8
        OR tyyp = 7
    )
ORDER BY
    NUMBER --account range elements
    DECLARE @elements TABLE (nr nvarchar(30), e nvarchar(200))
INSERT INTO
    @elements
SELECT
    nr,
    RTRIM(
        LTRIM(
            SUBSTRING(
                '+' + range_formula + '+',
                n + 1,
                CHARINDEX('+', '+' + range_formula + '+', n + 1) - n - 1
            )
        )
    )
FROM
    @numbers,
    @vat_declar_sums
WHERE
    n < LEN('+ ' + range_formula + '+')
    AND SUBSTRING('+ ' + range_formula + '+', n, 1) = '+'
    AND range_formula LIKE '_%'
    AND (

```

```

        row_type = 1
        OR row_type = 8
        OR row_type = 7
    ) --account ranges start-end
    DECLARE @element_ranges TABLE (
        row_nr INT,
        nr nvarchar(30),
        e_start nvarchar(200),
        e_end nvarchar(200)
    )
    INSERT INTO
        @element_ranges
    SELECT
        ROW_NUMBER() OVER (
            ORDER BY
                nr
        ),
        nr,
        CASE
            WHEN CHARINDEX(':', e) > 0 THEN LEFT(e, CHARINDEX(':', e) - 1)
            ELSE e
        END,
        CASE
            WHEN CHARINDEX(':', e) > 0 THEN SUBSTRING(e, CHARINDEX(':', e) + 1,
    LEN(e))
            ELSE e
        END
    FROM
        @elements --update vat declaration sums according to account ranges
    WHILE @i <= (
        SELECT
            COUNT(row_nr)
        FROM
            @element_ranges
    ) BEGIN
    SET
        @x = (
            SELECT
                (
                    CASE
                        WHEN ISNUMERIC(er.e_start) = 1 THEN er.e_start
                        ELSE '0'
                    END
                )
            FROM
                @element_ranges er
            WHERE
                er.row_nr = @i
        )
    SET
        @y = (

```

```
SELECT
    (
        CASE
            WHEN ISNUMERIC(er.e_end) = 1 THEN er.e_end
            ELSE '0'
        END
    )
FROM
    @element_ranges er
WHERE
    er.row_nr = @i
)
UPDATE
    @vat_declar_sums
SET
    doc_sum = doc_sum + ISNULL(
        (
            SELECT
                SUM(ISNULL(baas1deebet, 0)) - SUM(ISNULL(baas1kredit, 0))
            FROM
                fin_kanded_read WITH (NOLOCK)
            WHERE
                CAST(r_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
                AND CAST(@aeg2 AS DATE)
                AND konto BETWEEN @x
                AND @y
                AND kmkood = vat_code
        ),
        0
    )
WHERE
    ISNUMERIC(vat_code) = 1
    AND c_class = 3
    AND row_type = 1
    AND nr = (
        SELECT
            er.nr
        FROM
            @element_ranges er
        WHERE
            er.row_nr = @i
    )
UPDATE
    @vat_declar_sums
SET
    doc_sum = doc_sum + ISNULL(
        (
            SELECT
                SUM(ISNULL(baas1deebet, 0)) - SUM(ISNULL(baas1kredit, 0))
            FROM
                fin_kanded_read WITH (NOLOCK)
```

```
        WHERE
            CAST(r_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
            AND CAST(@aeg2 AS DATE)
            AND konto BETWEEN @x
            AND @y
            AND kmkood = vat_code
    ),
    0
)
WHERE
    ISNUMERIC(vat_code) = 0
    AND c_class = 3
    AND row_type = 1
    AND nr = (
        SELECT
            er.nr
        FROM
            @element_ranges er
        WHERE
            er.row_nr = @i
    )
UPDATE
    @vat_declar_sums
SET
    doc_sum = doc_sum + ISNULL(
        (
            SELECT
                SUM(ISNULL(baas1kreedit, 0)) - SUM(ISNULL(baas1deebet, 0))
            FROM
                fin_kanded_read WITH (NOLOCK)
            WHERE
                CAST(r_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
                AND CAST(@aeg2 AS DATE)
                AND konto BETWEEN @x
                AND @y
                AND kmkood = vat_code
        ),
        0
    )
WHERE
    ISNUMERIC(vat_code) = 1
    AND c_class = 4
    AND row_type = 1
    AND nr = (
        SELECT
            er.nr
        FROM
            @element_ranges er
        WHERE
            er.row_nr = @i
    )
)
```

```
UPDATE
  @vat_declar_sums
SET
  doc_sum = doc_sum + ISNULL(
    (
      SELECT
        SUM(ISNULL(baas1kreedit, 0)) - SUM(ISNULL(baas1deebet, 0))
      FROM
        fin_kanded_read WITH (NOLOCK)
      WHERE
        CAST(r_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
        AND CAST(@aeg2 AS DATE)
        AND konto BETWEEN @x
        AND @y
        AND kmkood = vat_code
    ),
    0
  )
WHERE
  ISNUMERIC(vat_code) = 0
  AND c_class = 4
  AND row_type = 1
  AND nr = (
    SELECT
      er.nr
    FROM
      @element_ranges er
    WHERE
      er.row_nr = @i
  )
UPDATE
  @vat_declar_sums
SET
  doc_sum = doc_sum + ISNULL(
    (
      SELECT
        SUM(ISNULL(baas1kreedit, 0)) + SUM(isnull(baas1deebet *
(-1), 0))
      FROM
        fin_kanded_read WITH (NOLOCK)
      WHERE
        CAST(r_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
        AND CAST(@aeg2 AS DATE)
        AND konto BETWEEN @x
        AND @y
        AND (
          baas1kreedit > 0
          OR baas1deebet < 0
        )
    ),
    0
  )
```

```

)
WHERE
  ISNUMERIC(vat_code) = 0
  AND c_class = 4
  AND row_type = 8
  AND nr = (
    SELECT
      er.nr
    FROM
      @element_ranges er
    WHERE
      er.row_nr = @i
  )
UPDATE
  @vat_declar_sums
SET
  doc_sum = doc_sum + ISNULL(
    (
      SELECT
        SUM(ISNULL(baaslkreedit, 0)) + SUM(isnull(baasldeebet *
(-1), 0))
      FROM
        fin_kanded_read WITH (NOLOCK)
      WHERE
        CAST(r_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
        AND CAST(@aeg2 AS DATE)
        AND konto BETWEEN @x
        AND @y
        AND (
          baaslkreedit > 0
          OR baasldeebet < 0
        )
        AND kmkood = vat_code
    ),
    0
  )
WHERE
  ISNUMERIC(vat_code) = 1
  AND c_class = 4
  AND row_type = 8
  AND nr = (
    SELECT
      er.nr
    FROM
      @element_ranges er
    WHERE
      er.row_nr = @i
  )
UPDATE
  @vat_declar_sums
SET

```

```

doc_sum = doc_sum + ISNULL(
  (
    SELECT
      SUM(ISNULL(baaslkreedit, 0)) + SUM(isnull(baasldeebet *
(-1), 0))
    FROM
      fin_kanded_read WITH (NOLOCK)
    WHERE
      CAST(r_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
      AND CAST(@aeg2 AS DATE)
      AND konto BETWEEN @x
      AND @y
      AND (
        baaslkreedit < 0
        OR baasldeebet > 0
      )
  ),
  0
)
WHERE
  ISNUMERIC(vat_code) = 0
  AND c_class = 3
  AND row_type = 7
  AND nr = (
    SELECT
      er.nr
    FROM
      @element_ranges er
    WHERE
      er.row_nr = @i
  )
UPDATE
  @vat_declar_sums
SET
  doc_sum = doc_sum + ISNULL(
    (
      SELECT
        SUM(ISNULL(baaslkreedit, 0)) + SUM(isnull(baasldeebet *
(-1), 0))
      FROM
        fin_kanded_read WITH (NOLOCK)
      WHERE
        CAST(r_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
        AND CAST(@aeg2 AS DATE)
        AND konto BETWEEN @x
        AND @y
        AND (
          baaslkreedit < 0
          OR baasldeebet > 0
        )
      AND kmkood = vat_code
    )
  )

```

```

    ),
    0
)
WHERE
    ISNUMERIC(vat_code) = 1
    AND c_class = 3
    AND row_type = 7
    AND nr = (
        SELECT
            er.nr
        FROM
            @element_ranges er
        WHERE
            er.row_nr = @i
    )
UPDATE
    @vat_declar_sums
SET
    doc_sum = doc_sum + ISNULL(
        (
            SELECT
                SUM(kaive / ISNULL(kurss_e, 1))
            FROM
                int_konto_ajalugu WITH (NOLOCK)
            WHERE
                CAST(aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
                AND CAST(@aeg2 AS DATE)
                AND konto BETWEEN @x
                AND @y
        ),
        0
    )
WHERE
    ISNUMERIC(vat_code) <> 1
    AND nr = (
        SELECT
            er.nr
        FROM
            @element_ranges er
        WHERE
            er.row_nr = @i
    )
    AND row_type = 1
SET
    @i = @i + 1
END

-----
----- 1-1 -----
-----

SET

```

```

nocount ON DECLARE @pvn13_vat_codes_1_1 TABLE (
    code nvarchar(30),
    rate DECIMAL,
    proportion DECIMAL,
    description nvarchar(200),
    sales_account nvarchar(30),
    purchase_account nvarchar(30),
    info nvarchar(200),
    dar_veids nvarchar(5),
    do_limit VARCHAR(2)
)
INSERT INTO
    @pvn13_vat_codes_1_1
SELECT
    kood,
    ilmakm,
    or_proportsioon,
    seletus,
    myykkonto,
    ostuKMKonto,
    lisainfo,
    CAST(
        ISNULL(
            (
                SELECT
                    TOP 1 sisu
                FROM
                    yld_data yd WITH (NOLOCK)
                WHERE
                    yd.kaart = fk.kood
                    AND kood = 'DARTIPS1_3'
                    AND klass = 'kmk'
            ),
            '41'
        ) AS nvarchar(10)
    ) AS dar_veids,
    CAST(
        ISNULL(
            (
                SELECT
                    TOP 1 sisu
                FROM
                    yld_data yd WITH (NOLOCK)
                WHERE
                    yd.kaart = fk.kood
                    AND kood = 'LIMITS'
                    AND klass = 'kmk'
            ),
            'Ja'
        ) AS VARCHAR(2)
    ) AS do_limit

```

```
FROM
    fin_kmkoodid fk
WHERE
    lisainfo LIKE '%pvn13%' DECLARE @pvn11_vat_codes TABLE (
        code nvarchar(30),
        rate DECIMAL,
        reverse_rate DECIMAL,
        proportion DECIMAL,
        description nvarchar(200),
        sales_account nvarchar(30),
        purchase_account nvarchar(30),
        info nvarchar(200),
        dar_veids nvarchar(5),
        do_limit VARCHAR(2)
    )
INSERT INTO
    @pvn11_vat_codes
SELECT
    kood,
    ilmakm,
    poord,
    or_proportsioon,
    seletus,
    myykkonto,
    ostuKMKonto,
    lisainfo,
    CAST(
        ISNULL(
            (
                SELECT
                    TOP 1 sisu
                FROM
                    yld_data yd WITH (NOLOCK)
                WHERE
                    yd.kaart = fk.kood
                    AND kood = 'DARTIPS1_1'
                    AND klass = 'kmk'
            ),
            'I'
        ) AS nvarchar(10)
    ) AS dar_veids,
    CAST(
        ISNULL(
            (
                SELECT
                    TOP 1 sisu
                FROM
                    yld_data yd WITH (NOLOCK)
                WHERE
                    yd.kaart = fk.kood
```

```
                AND kod = 'LIMITS'
                AND klass = 'kmk'
            ),
            'Ja'
        ) AS VARCHAR(2)
    ) AS do_limit
FROM
    fin_kmkoodid fk
WHERE
    lisainfo LIKE '%pvn11%' DECLARE @pvn1_1_temp TABLE (
        dar_veids nvarchar(5),
        do_limit VARCHAR(2),
        dok_veids nvarchar(1),
        doc_nr nvarchar(30),
        directo_nr nvarchar(30),
        vat_code nvarchar(30),
        client_name nvarchar(30),
        vat_reg_nr nvarchar(30),
        doc_sum DECIMAL(15, 2),
        doc_vat DECIMAL(15, 2),
        doc_date nvarchar(30),
        vatc_prepayment DECIMAL(15, 2)
    ) DECLARE @pvn1_1_r_rows TABLE (
        dar_veids nvarchar(5),
        do_limit VARCHAR(2),
        dok_veids nvarchar(1),
        doc_nr nvarchar(30),
        directo_nr nvarchar(30),
        vat_code nvarchar(30),
        client_name nvarchar(30),
        vat_reg_nr nvarchar(30),
        doc_sum DECIMAL(15, 2),
        doc_vat DECIMAL(15, 2),
        doc_date nvarchar(30),
        vatc_prepayment DECIMAL(15, 2)
    ) DECLARE @pvn1_1_values_by_doc TABLE (
        rn INT,
        dar_veids nvarchar(5),
        do_limit VARCHAR(2),
        dok_veids nvarchar(1),
        doc_nr nvarchar(30),
        directo_nr nvarchar(30),
        vat_code nvarchar(30),
        client_name nvarchar(30),
        vat_reg_nr nvarchar(30),
        doc_sum DECIMAL(15, 2),
        doc_vat DECIMAL(15, 2),
        doc_date nvarchar(30),
        doc_sum_total DECIMAL(15, 2),
        vatc_prepayment DECIMAL(15, 2)
    ) DECLARE @pvn1_1_top_sums_supplier TABLE (
```

```
    vat_reg_nr nvarchar(30),
    doc_sum DECIMAL(15, 2),
    doc_vat DECIMAL(15, 2)
) DECLARE @pvn1_1_sums_supplier TABLE (
    vat_reg_nr nvarchar(30),
    doc_sum DECIMAL(15, 2),
    doc_vat DECIMAL(15, 2)
) DECLARE @pvn1_1_top_table TABLE (
    dar_veids nvarchar(5),
    do_limit VARCHAR(2),
    dok_veids nvarchar(1),
    doc_nr nvarchar(30),
    directo_nr nvarchar(30),
    vat_code nvarchar(30),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(30),
    doc_sum DECIMAL(15, 2),
    doc_vat DECIMAL(15, 2),
    doc_date nvarchar(30),
    rn INT
) DECLARE @pvn1_1_top_r_table TABLE (
    dar_veids nvarchar(5),
    do_limit VARCHAR(2),
    dok_veids nvarchar(1),
    doc_nr nvarchar(30),
    directo_nr nvarchar(30),
    vat_code nvarchar(30),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(30),
    doc_sum DECIMAL(15, 2),
    doc_vat DECIMAL(15, 2),
    doc_date nvarchar(30),
    rn INT
) DECLARE @pvn_1_1_v_totals TABLE (
    dok_veids nvarchar(32),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(32),
    doc_sum DECIMAL(15, 2),
    doc_vat DECIMAL(15, 2)
) DECLARE @pvn_1_1_v_totals2 TABLE (
    dok_veids nvarchar(32),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(32),
    doc_sum DECIMAL(15, 2),
    doc_vat DECIMAL(15, 2)
) DECLARE @pvn_1_1_t_totals TABLE (
    doc_sum DECIMAL(15, 2),
    doc_vat DECIMAL(15, 2),
    doc_nr nvarchar(255)
) DECLARE @pvn_1_1_totals TABLE (
    doc_sum DECIMAL(15, 2),
```

```

        doc_vat DECIMAL(15, 2)
    )
INSERT
    @pvn1_1_temp --sales invoices
SELECT
    (
        SELECT
            TOP 1 dar_veids
        FROM
            @pvn11_vat_codes vc
        WHERE
            vc.code = mr_arved_read.kmk
    ) AS dar_veids,
    (
        SELECT
            TOP 1 do_limit
        FROM
            @pvn11_vat_codes vc
        WHERE
            vc.code = mr_arved_read.kmk
    ) AS do_limit,
CASE
    WHEN (isnull(ettemaks, 0) = 0) THEN '1'
    ELSE '1'
END AS dok_veids,
mr_arved_read.number AS doc_nr,
mr_arved_read.number AS doc_nr,
kmk AS vat_code,
CAST((klient_nimi) AS nvarchar(30)) AS client_name,
CAST(
    CASE
        WHEN (
            kmregnumber IS NOT NULL
            OR kmregnumber != ' '
        ) THEN kmregnumber
        ELSE (
            SELECT
                top 1 kmregnr
            FROM
                kliendid
            WHERE
                kood = mr_arved.klient_kood
        )
    END AS nvarchar(30)
) AS vat_reg_nr,
CAST((ROUND(ISNULL(summa, 0), 4)) AS DECIMAL(15, 2)) AS doc_sum,
isnull(
    CAST(
        (
            ROUND(ISNULL(summa, 0), 4) * (
                NULLIF(

```

```

        (
            ISNULL(
                (
                    SELECT
                        TOP 1 rate
                    FROM
                        @pvn11_vat_codes
                    WHERE
                        code = mr_arved_read.kmk
                ),
                0
            ) / 100
        ),
        0
    )
) AS DECIMAL(15, 2)
),
'0.00'
) AS doc_vat,
REPLACE(CONVERT(VARCHAR, aeg, 111), '/', '-') AS doc_date,
(
    SELECT
        SUM(summa)
    FROM
        mr_arved_ettemaksud mae
    WHERE
        mae.arve = mr_arved_read.number
        AND mae.kmk = mr_arved_read.kmk
)
FROM
    mr_arved_read WITH (NOLOCK)
    INNER JOIN mr_arved ON mr_arved_read.number = mr_arved.number
WHERE
    CAST(aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
    AND CAST(@aeg2 AS DATE)
    AND (kinnitatud = 1)
    AND kmk IN (
        SELECT
            code
        FROM
            @pvn11_vat_codes
    )
    AND artikkel IS NOT NULL
    AND (
        (ISNULL(NULLIF(kredarve, ''), ''), '') = '')
        OR (
            CAST(
                (
                    SELECT
                        TOP 1 ma_inner.aeg

```

```

        FROM
            mr_arved ma_inner
        WHERE
            ma_inner.number = mr_arved.kredarve
    ) AS DATE
) BETWEEN CAST(@aeg1 AS DATE)
AND CAST(@aeg2 AS DATE)
)
)
UNION
ALL
SELECT
(
    SELECT
        TOP 1 dar_veids
    FROM
        @pvn13_vat_codes_1_1 vc
    WHERE
        vc.code = mr_arved_read.kmk
) AS dar_veids,
(
    SELECT
        TOP 1 do_limit
    FROM
        @pvn13_vat_codes_1_1 vc
    WHERE
        vc.code = mr_arved_read.kmk
) AS do_limit,
CASE
    WHEN (isnull(ettemaks, 0) = 0) THEN '4'
    ELSE 'Z'
END AS dok_veids,
mr_arved_read.number AS doc_nr,
mr_arved_read.number AS doc_nr,
kmk AS vat_code,
CAST((klient_nimi) AS nvarchar(30)) AS client_name,
CAST(
    CASE
        WHEN (
            kmregnumber IS NOT NULL
            OR kmregnumber != ' '
        ) THEN kmregnumber
        ELSE (
            SELECT
                top 1 kmregnr
            FROM
                kliendid
            WHERE
                kood = mr_arved.klient_kood
        )
    END AS nvarchar(30)

```

```

) AS vat_reg_nr,
CAST(
  (ROUND(ISNULL(summa * (-1), 0), 4)) AS DECIMAL(15, 2)
) AS doc_sum,
isnull(
  CAST(
    (
      ROUND(ISNULL(summa * (-1), 0), 4) * (
        NULLIF(
          (
            ISNULL(
              (
                SELECT
                  TOP 1 rate
                FROM
                  @pvn13_vat_codes_1_1
                WHERE
                  code = mr_arved_read.kmk
              ),
              0
            ) / 100
          ),
          0
        )
      )
    ) AS DECIMAL(15, 2)
  ),
  '0.00'
) AS doc_vat,
REPLACE(CONVERT(VARCHAR, aeg, 111), '/', '-') AS doc_date,
(
  SELECT
    SUM(summa) * (-1)
  FROM
    mr_arved_ettemaksud mae
  WHERE
    mae.arve = mr_arved_read.number
    AND mae.kmk = mr_arved_read.kmk
)
FROM
  mr_arved_read WITH (NOLOCK)
  INNER JOIN mr_arved ON mr_arved_read.number = mr_arved.number
WHERE
  CAST(aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
  AND CAST(@aeg2 AS DATE)
  AND (kinnitatud = 1)
  AND kmk IN (
    SELECT
      code
    FROM
      @pvn13_vat_codes_1_1

```

```

)
AND artikkel IS NOT NULL
AND (
    kredarve IS NOT NULL
    OR mr_arved.kokku <= 0
) --AND ((ISNULL(NULLIF(kredarve, ''), '') = '') OR (CAST((SELECT TOP 1
ma_inner.aeg FROM mr_arved ma_inner WHERE ma_inner.number =
mr_arved.kredarve) AS date) BETWEEN CAST(@aeg1 AS date) AND CAST(@aeg2 AS
date)))
INSERT
    @pvn1_1_temp --purchase invoices
SELECT
    isnull(
        (
            SELECT
                TOP 1 dar_veids
            FROM
                @pvn11_vat_codes vc
            WHERE
                vc.code = oar.kmkood
        ),
        'A'
    ) AS dar_veids,
    (
        SELECT
            TOP 1 do_limit
        FROM
            @pvn11_vat_codes vc
        WHERE
            vc.code = oar.kmkood
    ) AS do_limit,
    '1',
    CAST(oa.hankija_arve AS nvarchar(30)) AS client_doc_nr,
    -- CAST(oa.number AS nvarchar(30)) AS client_doc_nr,
    CAST(oa.number AS nvarchar(30)) AS client_doc_nr,
    CAST(oar.kmkood AS nvarchar(30)) AS vat_code,
    CAST(oa.hankija_nimi AS nvarchar(30)) AS client_name,
    CAST(
        (
            SELECT
                TOP 1 kmregnr
            FROM
                hankijad
            WHERE
                hankijad.kood = oa.hankija_kood
        ) AS nvarchar(30)
    ) AS vat_reg_nr,
    --CAST(isnull(oar.a_summa,oar.summa) * ISNULL(oa.kurssbv1, 1) AS
decimal(15,2)) AS doc_sum,
    (
        CASE

```

```
WHEN (
  (
    ISNULL(
      (
        SELECT
          TOP 1 reverse_rate
        FROM
          @pvn11_vat_codes
        WHERE
          code = oar.kmkood
      ),
      0
    )
  ) != 0
  AND oar.konto != @account
) THEN CAST(
  oar.summa * ISNULL(oa.kurssbv1, 1) AS DECIMAL(15, 4)
)
WHEN (
  (
    ISNULL(
      (
        SELECT
          TOP 1 reverse_rate
        FROM
          @pvn11_vat_codes
        WHERE
          code = oar.kmkood
      ),
      0
    )
  ) = 0
  AND (
    ISNULL(
      (
        SELECT
          TOP 1 proportion
        FROM
          @pvn11_vat_codes
        WHERE
          code = oar.kmkood
      ),
      0
    )
  ) = 0
  AND oar.konto != @account
) THEN CAST(
  oar.summa * ISNULL(oa.kurssbv1, 1) AS DECIMAL(15, 4)
)
WHEN (
  (
```

```

        ISNULL(
            (
                SELECT
                    TOP 1 proportion
                FROM
                    @pvn11_vat_codes
                WHERE
                    code = oar.kmkood
            ),
            0
        )
    ) != 0
    AND oar.konto != @account
) THEN CAST(
    (oar.a_summa * ISNULL(oa.kurssbv1, 1)) * (
        ISNULL(
            (
                SELECT
                    TOP 1 proportion
                FROM
                    @pvn11_vat_codes
                WHERE
                    code = oar.kmkood
            ),
            0
        ) / 100
    ) AS DECIMAL(15, 4)
)
    WHEN (oar.konto = @account) THEN 0
END
) AS doc_sum,
(
    CASE
        WHEN (
            (
                ISNULL(
                    (
                        SELECT
                            TOP 1 reverse_rate
                        FROM
                            @pvn11_vat_codes
                        WHERE
                            code = oar.kmkood
                    ),
                    0
                )
            ) != 0
            AND oar.konto != @account
        ) THEN CAST(
            oar.summa * ISNULL(oa.kurssbv1, 1) * (
                (

```

```

        ISNULL(
            (
                SELECT
                    TOP 1 reverse_rate
                FROM
                    @pvn11_vat_codes
                WHERE
                    code = oar.kmkood
            ),
            0
        )
    ) / 100
) AS DECIMAL(15, 4)
)
WHEN (
    (
        ISNULL(
            (
                SELECT
                    TOP 1 reverse_rate
                FROM
                    @pvn11_vat_codes
                WHERE
                    code = oar.kmkood
            ),
            0
        )
    ) = 0
    AND (
        ISNULL(
            (
                SELECT
                    TOP 1 proportion
                FROM
                    @pvn11_vat_codes
                WHERE
                    code = oar.kmkood
            ),
            0
        )
    ) = 0
    AND oar.konto != @account
) THEN --CAST(oar.summa * ISNULL(oa.kurssbv1, 1) *
((ISNULL((SELECT TOP 1 rate FROM @pvn11_vat_codes WHERE code = oar.kmkood),
0)) / 100) AS decimal(15,4))
    CAST(km AS DECIMAL(15, 4))
WHEN (
    (
        ISNULL(
            (
                SELECT

```

```

TOP 1 proportion
FROM
  @pvn11_vat_codes
WHERE
  code = oar.kmkood
),
0
)
) != 0
AND oar.konto != @account
) THEN CAST(oar.km * ISNULL(oa.kurssbv1, 1) AS DECIMAL(15, 4))
/* ((ISNULL((SELECT TOP 1 rate FROM @pvn11_vat_codes WHERE code
= oar.kmkood), 0)) / 100)) * (ISNULL((SELECT TOP 1 proportion FROM
@pvn11_vat_codes WHERE code = oar.kmkood), 0) / 100) */
WHEN (oar.konto = @account) THEN CAST(
  oar.summa * ISNULL(oa.kurssbv1, 1) AS DECIMAL(15, 4)
)
END
) AS doc_vat,
REPLACE(CONVERT(VARCHAR, oa.aeg, 111), '/', '-') AS doc_date,
(
  SELECT
    SUM(summa)
  FROM
    or_arved_ettemaksud mae
  WHERE
    mae.arve = oar.number
    AND mae.kmk = oar.kmkood
)
FROM
  or_arved oa,
  or_arved_read oar WITH (NOLOCK)
WHERE
  CAST(oa.kande_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
  AND CAST(@aeg2 AS DATE)
  AND (oa.kinnitatus = 'True')
  AND (oa.number = oar.number) -- AND NOT (oar.konto = CAST(@account AS
nvarchar))
  AND (
    oar.kmkood IN (
      SELECT
        code
      FROM
        @pvn11_vat_codes
    )
    OR oa.hankija_kood = '859'
  )
INSERT
  @pvn1_1_temp --payments
SELECT
  (

```

```

SELECT
    TOP 1 dar_veids
FROM
    @pvn11_vat_codes vc
WHERE
    vc.code = otr.kmk
) AS dar_veids,
(
    SELECT
        TOP 1 do_limit
    FROM
        @pvn11_vat_codes vc
    WHERE
        vc.code = otr.kmk
) AS do_limit,
'3',
CAST(ot.number AS nvarchar(30)) AS client_doc_nr,
CAST(ot.number AS nvarchar(30)) AS client_doc_nr,
CAST(otr.kmk AS nvarchar(30)) AS vat_code,
CAST(
    (
        SELECT
            CAST(nimi AS nvarchar(30))
        FROM
            hankijad WITH (NOLOCK)
        WHERE
            (hankijad.kood = otr.hankija_kood)
        ) AS nvarchar(30)
) AS client_name,
CAST(
    (
        SELECT
            CAST(kmregnr AS nvarchar(30))
        FROM
            hankijad WITH (NOLOCK)
        WHERE
            (hankijad.kood = otr.hankija_kood)
        ) AS nvarchar(30)
) AS vat_reg_nr,
--CAST(otr.summa_p AS decimal(15,2)) AS doc_sum,
--CAST((otr.summa_p * (@stat_vat / 100)) AS decimal(15,2)) AS doc_vat,
(
    CASE
        WHEN (
            (
                ISNULL(
                    (
                        SELECT
                            TOP 1 reverse_rate
                        FROM
                            @pvn11_vat_codes
                    )
                )
            )
        )
    )

```

```
WHERE
    code = otr.kmk
),
0
)
) != 0
) THEN CAST(otr.summa_p AS DECIMAL(15, 2))
ELSE CAST(
    (otr.summa_p / (1 + @stat_vat12 / 100)) AS DECIMAL(15, 2) -
- @stat_vat changed to @stat_vat12
)
END
) AS doc_sum,
(
CASE
    WHEN (
        (
            ISNULL(
                (
                    SELECT
                        TOP 1 reverse_rate
                    FROM
                        @pvn11_vat_codes
                    WHERE
                        code = otr.kmk
                ),
                0
            )
        ) != 0
    ) THEN CAST(
        otr.summa_p * (
            (
                ISNULL(
                    (
                        SELECT
                            TOP 1 reverse_rate
                        FROM
                            @pvn11_vat_codes
                        WHERE
                            code = otr.kmk
                    ),
                    0
                )
            ) / 100
        ) AS DECIMAL(15, 2)
    )
    ELSE CAST(
        (
            otr.summa_p / (1 + @stat_vat12 / 100) * (@stat_vat12 /
100) -- @stat_vat changed to @stat_vat12
        ) AS DECIMAL(15, 2)
    )
END
) AS doc_sum,
(
CASE
    WHEN (
        (
            ISNULL(
                (
                    SELECT
                        TOP 1 reverse_rate
                    FROM
                        @pvn11_vat_codes
                    WHERE
                        code = otr.kmk
                ),
                0
            )
        ) != 0
    ) THEN CAST(
        otr.summa_p * (
            (
                ISNULL(
                    (
                        SELECT
                            TOP 1 reverse_rate
                        FROM
                            @pvn11_vat_codes
                        WHERE
                            code = otr.kmk
                    ),
                    0
                )
            ) / 100
        ) AS DECIMAL(15, 2)
    )
    ELSE CAST(
        (
            otr.summa_p / (1 + @stat_vat12 / 100) * (@stat_vat12 /
100) -- @stat_vat changed to @stat_vat12
        ) AS DECIMAL(15, 2)
    )
END
) AS doc_sum,
```

```

    )
    END
) AS doc_vat,
REPLACE(CONVERT(VARCHAR, ot.aeg, 111), '/', '-') AS doc_date,
0
FROM
    or_tasumised ot,
    or_tasumised_read otr WITH (NOLOCK)
WHERE
    CAST(ot.aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
    AND CAST(@aeg2 AS DATE)
    AND (ot.kinnitatud = 'True')
    AND (ot.number = otr.number)
    AND (
        EXISTS(
            SELECT
                1
            FROM
                @pvn11_vat_codes
            WHERE
                code = otr.kmk
        )
    )
)
UNION
SELECT
    (
        SELECT
            TOP 1 dar_veids
        FROM
            @pvn11_vat_codes vc
        WHERE
            vc.code = oae.kmk
    ) AS dar_veids,
    (
        SELECT
            TOP 1 do_limit
        FROM
            @pvn11_vat_codes vc
        WHERE
            vc.code = oae.kmk
    ) AS do_limit,
    '9',
    CAST(
        (
            SELECT
                hankija_arve
            FROM
                or_arved
            WHERE
                NUMBER = oae.arve
        ) AS nvarchar(30)

```

```
),
CAST(
  (
    SELECT
      hankija_arve
    FROM
      or_arved
    WHERE
      NUMBER = oae.arve
  ) AS nvarchar(30)
),
oae.kmk,
CAST(
  (
    SELECT
      nimi
    FROM
      hankijad h
    WHERE
      h.kood = (
        SELECT
          hankija_kood
        FROM
          or_arved oa
        WHERE
          oa.number = oae.arve
      )
  ) AS nvarchar(30)
),
CAST(
  (
    SELECT
      kmregnr
    FROM
      hankijad h
    WHERE
      h.kood = (
        SELECT
          hankija_kood
        FROM
          or_arved oa
        WHERE
          oa.number = oae.arve
      )
  ) AS nvarchar(30)
),
(
  CASE
    WHEN (
      (
        ISNULL (
```

```

        (
            SELECT
                TOP 1 reverse_rate
            FROM
                @pvn11_vat_codes
            WHERE
                code = oae.kmk
        ),
        0
    )
) != 0
) THEN CAST(oae.summa AS DECIMAL(15, 2)) - isnull(
    CAST(
        (
            SELECT
                SUM(summa)
            FROM
                or_arved_read oar
            WHERE
                oar.number = oae.arve
                AND oar.kmkood = oae.kmk
        ) AS DECIMAL(15, 2)
    ),
    0
)
ELSE CAST(
    (oae.summa / (1 + @stat_vat / 100)) AS DECIMAL(15, 2)
) - isnull(
    CAST(
        (
            SELECT
                SUM(summa)
            FROM
                or_arved_read oar
            WHERE
                oar.number = oae.arve
                AND oar.kmkood = oae.kmk
        ) AS DECIMAL(15, 2)
    ),
    0
)
)
END
) AS doc_sum,
(
    CASE
        WHEN (
            (
                ISNULL(
                    (
                        SELECT
                            TOP 1 reverse_rate

```

```
FROM
    @pvn11_vat_codes
WHERE
    code = oae.kmk
),
0
)
) != 0
) THEN CAST(
    oae.summa * (
        (
            ISNULL(
                (
                    SELECT
                        TOP 1 reverse_rate
                    FROM
                        @pvn11_vat_codes
                    WHERE
                        code = oae.kmk
                ),
                0
            )
        ) / 100
    ) AS DECIMAL(15, 2)
) - isnull(
    CAST(
        (
            SELECT
                SUM(summa) * (
                    ISNULL(
                        (
                            SELECT
                                TOP 1 reverse_rate
                            FROM
                                @pvn11_vat_codes
                            WHERE
                                code = oae.kmk
                        ),
                        0
                    ) / 100
                )
            FROM
                or_arved_read oar
            WHERE
                oar.number = oae.arve
                AND oar.kmkood = oae.kmk
        ) AS DECIMAL(15, 2)
    ),
    0
)
ELSE isnull(
```

```

        CAST(
            (
                oae.summa / (1 + @stat_vat / 100) * (@stat_vat /
100)
            ) AS DECIMAL(15, 2)
        ),
        0
    ) - isnull(
        CAST(
            (
                SELECT
                    (SUM(summa) * (1 + @stat_vat / 100))
                FROM
                    or_arved_read oar
                WHERE
                    oar.number = oae.arve
                    AND oar.kmkood = oae.kmk
            ) AS DECIMAL(15, 2)
        ),
        0
    )
END
) AS doc_vat,
REPLACE(
    CONVERT(
        VARCHAR,
        (
            SELECT
                kande_aeg
            FROM
                or_arved
            WHERE
                NUMBER = oae.arve
        ),
        111
    ),
    '-',
    '/'
) AS doc_date,
0
FROM
    or_arved_ettemaksud oae
WHERE
    (
        SELECT
            kande_aeg
        FROM
            or_arved oa
        WHERE
            oa.number = oae.arve
    ) BETWEEN @aeg1

```

```

AND @aeg2
AND kmk IN (
    SELECT
        code
    FROM
        @pvn11_vat_codes
)
INSERT INTO
    @pvn1_1_temp --expenses
/*SELECT
    (SELECT TOP 1 dar_veids FROM @pvn11_vat_codes vc WHERE vc.code =
fkr.kmkood) AS dar_veids,
    (SELECT TOP 1 do_limit FROM @pvn11_vat_codes vc WHERE vc.code =
fkr.kmkood) AS do_limit,
    '9',
    CAST(fk.number AS nvarchar(30)) AS doc_nr,
    CAST(fkr.dokument AS nvarchar(30)) AS client_doc_nr,
    CAST(fkr.kmkood AS nvarchar(30)) AS vat_code,
    CAST(fkr.hankija_nimi AS nvarchar(30)) AS client_name,
    CAST((SELECT TOP 1 kmregnr FROM hankijad WHERE
hankijad.kood=fkr.hankija_kood) AS nvarchar(30)) AS vat_reg_nr,
    CAST(ISNULL(fkr.summa, 0) * ISNULL(fkr.r_kurss, 1) AS decimal(15,2)) AS
doc_sum,
    (CASE WHEN (ISNULL((SELECT TOP 1 reverse_rate FROM @pvn11_vat_codes
WHERE code=fkr.kmkood),0) != 0)
    THEN
        cast(CAST(ISNULL(fkr.summa, 0) * (ISNULL((SELECT TOP 1 reverse_rate
FROM @pvn11_vat_codes WHERE code = fkr.kmkood),0) / 100) *
ISNULL(fkr.r_kurss, 1) AS decimal(15,2)) * (-1) as decimal(15,2))
    ELSE
        cast(CAST(ISNULL(fkr.reakm, 0) * ISNULL(fkr.r_kurss, 1) AS
decimal(15,2)) * (-1) as decimal(15,2))
    END) AS doc_vat,
    REPLACE(CONVERT(VARCHAR, fkr.aeg, 111), '/', '-') AS doc_date,
    0
    FROM fin_kulutused fk, fin_kulutused_read fkr WITH (NOLOCK)
    WHERE CAST(fk.kande_aeg AS date) BETWEEN CAST(@aeg1 AS date) AND
CAST(@aeg2 AS date)
    AND (fk.kinnitatud='True')
    AND (fk.number=fkr.number)
    AND (EXISTS(SELECT 1 FROM @pvn11_vat_codes WHERE code = fkr.kmkood))*/
SELECT
    (
        SELECT
            TOP 1 dar_veids
        FROM
            @pvn11_vat_codes vc
        WHERE
            vc.code = fkr.kmkood
    ) AS dar_veids,
    (

```

```

SELECT
    TOP 1 do_limit
FROM
    @pvn11_vat_codes vc
WHERE
    vc.code = fkr.kmkood
) AS do_limit,
'8',
CAST(fkr.dokument AS nvarchar(30)) AS client_doc_nr,
CAST(fkr.number AS nvarchar(30)) AS doc_nr,
CAST(fkr.kmkood AS nvarchar(30)) AS vat_code,
CAST(fkr.hankija_nimi AS nvarchar(30)) AS client_name,
CAST(
    (
        SELECT
            kmregnr
        FROM
            hankijad
        WHERE
            kood = fkr.hankija_kood
    ) AS nvarchar(30)
),
(
    CASE
        WHEN (
            (
                ISNULL(
                    (
                        SELECT
                            TOP 1 reverse_rate
                        FROM
                            @pvn11_vat_codes
                        WHERE
                            code = fkr.kmkood
                    ),
                    0
                )
            ) != 0
        ) THEN CAST(
            fkr.summa * isnull(fkr.r_kurss, isnull(fk.kurssbv1, 1)) AS
DECIMAL(15, 4)
        )
        WHEN (
            (
                ISNULL(
                    (
                        SELECT
                            TOP 1 reverse_rate
                        FROM
                            @pvn11_vat_codes
                        WHERE

```

```
code = fkr.kmkood
),
0
)
) = 0
AND (
ISNULL(
(
SELECT
TOP 1 proportion
FROM
@pvn11_vat_codes
WHERE
code = fkr.kmkood
),
0
)
) = 0
) THEN CAST(
fkr.summa * isnull(fkr.r_kurss, isnull(fk.kurssbv1, 1)) AS
DECIMAL(15, 4)
)
WHEN (
(
ISNULL(
(
SELECT
TOP 1 proportion
FROM
@pvn11_vat_codes
WHERE
code = fkr.kmkood
),
0
)
) != 0
) THEN CAST(
(
fkr.a_summa * isnull(fkr.r_kurss, isnull(fk.kurssbv1,
1))
) * (
ISNULL(
(
SELECT
TOP 1 proportion
FROM
@pvn11_vat_codes
WHERE
code = fkr.kmkood
),
0
),
```

```

        ) / 100
    ) AS DECIMAL(15, 4)
    )
END
) AS doc_sum_wo_vat,
(
    CASE
        WHEN (
            (
                ISNULL(
                    (
                        SELECT
                            TOP 1 reverse_rate
                        FROM
                            @pvn11_vat_codes
                        WHERE
                            code = fkr.kmkood
                    ),
                    0
                )
            ) != 0
        ) THEN CAST(
            fkr.summa * isnull(
                fkr.r_kurss,
                isnull(fk.kurssbv1, 1) * (
                    ISNULL(
                        (
                            SELECT
                                TOP 1 reverse_rate
                            FROM
                                @pvn11_vat_codes
                            WHERE
                                code = fkr.kmkood
                        ),
                        0
                    )
                ) / 100
            ) AS DECIMAL(15, 4)
        )
    WHEN (
        (
            ISNULL(
                (
                    SELECT
                        TOP 1 reverse_rate
                    FROM
                        @pvn11_vat_codes
                    WHERE
                        code = fkr.kmkood
                ),
                0
            )
        )

```

```

    )
    ) = 0
    AND (
        ISNULL(
            (
                SELECT
                    TOP 1 proportion
                FROM
                    @pvn11_vat_codes
                WHERE
                    code = fkr.kmkood
            ),
            0
        )
    ) = 0
    ) THEN --CAST((fkr.summa * isnull(fk.kurssbv1,1)) *
((ISNULL((SELECT TOP 1 rate FROM @pvn11_vat_codes WHERE code = fkr.kmkood),
0)) / 100) AS decimal(15,4))
    CAST(reakm AS DECIMAL(15, 4))
    WHEN (
        (
            ISNULL(
                (
                    SELECT
                        TOP 1 proportion
                    FROM
                        @pvn11_vat_codes
                    WHERE
                        code = fkr.kmkood
                ),
                0
            )
        ) != 0
    ) THEN CAST(
        (
            fkr.reakm * isnull(fkr.r_kurss, isnull(fk.kurssbv1, 1))
        )
        /* ((ISNULL((SELECT TOP 1 rate FROM @pvn11_vat_codes WHERE
code = fkr.kmkood), 0)) / 100) * (ISNULL((SELECT TOP 1 proportion FROM
@pvn11_vat_codes WHERE code = fkr.kmkood), 0) / 100) */
        AS DECIMAL(15, 4)
    )
    )
    END
),
CAST(isnull(fkr.aeg, fk.aeg) AS DATE),
'0'
FROM
    fin_kulutused_read fkr WITH(no-lock)
    LEFT JOIN fin_kulutused fk ON fk.number = fkr.number
WHERE
    CAST(isnull(fkr.aeg, fk.aeg) AS DATE) BETWEEN CAST(@aeg1 AS DATE)

```

```

AND CAST(@aeg2 AS DATE)
AND fkr.kmkood IN (
  SELECT
    code
  FROM
    @pvn11_vat_codes
)
AND (kinnitatus = 'True')
INSERT
  @pvn1_1_values_by_doc
SELECT
  ROW_NUMBER() OVER(
    ORDER BY
      dar_veids,
      do_limit,
      dok_veids,
      doc_nr,
      vat_code,
      client_name,
      vat_reg_nr,
      doc_date,
      directo_nr,
      vatc_prepayment
  ) nr,
  dar_veids,
  do_limit,
  CASE
    WHEN (
      dok_veids = '9'
      OR dok_veids = '8'
    ) THEN '3'
    ELSE dok_veids
  END,
  doc_nr,
  directo_nr,
  vat_code,
  client_name,
  isnull(vat_reg_nr, ' '),
  CASE
    WHEN (dok_veids != '9') THEN SUM(doc_sum)
    ELSE (
      CASE
        WHEN (SUM(doc_sum) < 0) THEN 0
        ELSE SUM(doc_sum) * (-1)
      END
    )
  END - CASE
    WHEN (dok_veids != '3') THEN (
      CASE
        WHEN (
          ISNULL(

```

```

        (
            SELECT
                reverse_rate
            FROM
                @pvn11_vat_codes
            WHERE
                CODE = A.vat_code
        ),
        0
    ) != 0
) THEN CAST(ISNULL(vatc_prepayment, 0) AS DECIMAL(15, 4))
WHEN (
    ISNULL(
        (
            SELECT
                reverse_rate
            FROM
                @pvn11_vat_codes
            WHERE
                CODE = A.vat_code
        ),
        0
    ) = 0
) THEN isnull(
    CAST(
        vatc_prepayment / CAST(
            1 + (
                SELECT
                    TOP 1 (ilmakm / 100)
                FROM
                    fin_kmkoodid
                WHERE
                    kood = a.vat_code
            ) AS DECIMAL(15, 4)
        ) AS DECIMAL(15, 4)
    ),
    0
)
END
)
ELSE 0
END,
CASE
    WHEN (
        dok_veids != '9'
        OR dok_veids = '8'
    ) THEN SUM(doc_vat)
    ELSE (
        CASE
            WHEN (SUM(doc_vat) < 0) THEN 0
            ELSE SUM(doc_vat) *(-1)
        
```

```

        END
    )
END - CASE
WHEN (dok_veids != '3') THEN (
    CASE
        WHEN (
            ISNULL(
                (
                    SELECT
                        reverse_rate
                    FROM
                        @pvn11_vat_codes
                    WHERE
                        CODE = A.vat_code
                ),
                0
            ) != 0
        ) THEN isnull(
            (
                CAST(
                    (
                        vatc_prepayment * CAST(
                            (
                                0 + (
                                    SELECT
                                        POORD / 100
                                    FROM
                                        fin_kmkoodid
                                    WHERE
                                        kood = a.vat_code
                                )
                            ) AS DECIMAL(15, 4)
                        ) AS DECIMAL(15, 4)
                    ) AS DECIMAL(15, 4)
                ),
                0
            )
        )
        WHEN (
            ISNULL(
                (
                    SELECT
                        reverse_rate
                    FROM
                        @pvn11_vat_codes
                    WHERE
                        CODE = A.vat_code
                ),
                0
            ) = 0
        ) THEN isnull(

```

```

        (
            CAST(
                vatc_prepayment - (
                    vatc_prepayment / CAST(
                        1 + (
                            SELECT
                                ilmakm / 100
                            FROM
                                fin_kmkoodid
                            WHERE
                                kood = a.vat_code
                        ) AS DECIMAL(15, 4)
                    )
                ) AS DECIMAL(15, 4)
            ),
            0
        )
    END
)
ELSE 0
END,
doc_date,
CASE
    WHEN (a.dok_veids = '1') THEN (
        SELECT
            SUM(doc_sum)
        FROM
            @pvn1_1_temp b
        WHERE
            a.directo_nr = b.directo_nr
            AND b.dok_veids = a.dok_veids
    )
    ELSE (
        SELECT
            SUM(doc_sum)
        FROM
            @pvn1_1_temp b
        WHERE
            a.directo_nr = b.directo_nr
            AND b.dok_veids = a.dok_veids
            AND a.doc_nr = b.doc_nr
    )
END - CASE
    WHEN (a.dok_veids = '1') THEN (
        isnull(
            (
                SELECT
                    SUM(summa)
                FROM
                    or_arved_ettemaksud
            )
        )
    )

```

```

        WHERE
            arve = a.directo_nr
            AND kmk IN (
                SELECT
                    DISTINCT kmkood
                FROM
                    or_arved_read
                WHERE
                    NUMBER = a.directo_nr
            )
        ),
        0
    )
)
ELSE 0
END,
vatc_prepayment
FROM
    @pvn1_1_temp a
GROUP BY
    dar_veids,
    do_limit,
    dok_veids,
    doc_nr,
    vat_code,
    client_name,
    vat_reg_nr,
    doc_date,
    directo_nr,
    vatc_prepayment --update @pvn1_1_values_by_doc set dar_veids = 'N' where
vat_reg_nr = ' '
--update @pvn1_1_values_by_doc set dok_veids = '4' where doc_sum < 0 and
dok_veids = '1'
INSERT
    @pvn1_1_totals
SELECT
    SUM(doc_sum),
    SUM(doc_vat)
FROM
    @pvn1_1_values_by_doc
INSERT
    @pvn1_1_sums_supplier
SELECT
    isnull(vat_reg_nr, ' '),
    SUM(doc_sum),
    SUM(doc_vat)
FROM
    @pvn1_1_values_by_doc
WHERE
    isnull(vat_reg_nr, ' ') != ' '
GROUP BY

```

```
    vat_reg_nr
INSERT
    @pvn1_1_top_table
SELECT
    dar_veids,
    do_limit,
    dok_veids,
    doc_nr,
    directo_nr,
    vat_code,
    client_name,
    vat_reg_nr,
    doc_sum,
    doc_vat,
    doc_date,
    rn
FROM
    @pvn1_1_values_by_doc
WHERE
    (
        doc_sum_total >= @lim
        OR doc_sum_total <= (@lim * (-1))
    )
GROUP BY
    dar_veids,
    do_limit,
    dok_veids,
    doc_nr,
    vat_code,
    client_name,
    vat_reg_nr,
    doc_date,
    doc_sum_total,
    doc_sum,
    doc_vat,
    directo_nr,
    rn
DELETE FROM
    @pvn1_1_values_by_doc
WHERE
    rn IN (
        SELECT
            rn
        FROM
            @pvn1_1_top_table
    )
INSERT
    @pvn1_1_top_r_table
SELECT
    dar_veids,
    do_limit,
```

```

    dok_veids,
    doc_nr,
    directo_nr,
    vat_code,
    client_name,
    vat_reg_nr,
    doc_sum,
    doc_vat,
    doc_date,
    rn
FROM
    @pvn1_1_values_by_doc
WHERE
    dar_veids IN ('R1', 'R2', 'R3', 'R4', 'R5', 'R6', 'R7', 'R8', 'R9')
    AND directo_nr + '(' + dar_veids + ')' + '[' + dok_veids + ']' NOT IN (
        SELECT
            directo_nr + '(' + dar_veids + ')' + '[' + dok_veids + ']'
        FROM
            @pvn1_1_top_table
    )
GROUP BY
    dar_veids,
    do_limit,
    dok_veids,
    doc_nr,
    vat_code,
    client_name,
    vat_reg_nr,
    doc_date,
    doc_sum_total,
    doc_sum,
    doc_vat,
    directo_nr,
    rn
DELETE FROM
    @pvn1_1_values_by_doc
WHERE
    rn IN (
        SELECT
            rn
        FROM
            @pvn1_1_top_r_table
    )
INSERT
    @pvn_1_1_v_totals
SELECT
    'V',
    CAST(
        (
            SELECT
                TOP 1 SUBSTRING(NIMI, 1, 30)

```

```

        FROM
            hankijad Y
        WHERE
            Y.KMREGNR = Z.vat_reg_nr
    ) AS NVARCHAR(30)
),
vat_reg_nr,
CAST(
    doc_sum - CAST(
        isnull(
            (
                SELECT
                    SUM(doc_sum)
                FROM
                    @pvn1_1_top_table x
                WHERE
                    x.vat_reg_nr = z.vat_reg_nr
            ),
            0
        ) AS DECIMAL(15, 4)
    ) - CAST(
        isnull(
            (
                SELECT
                    SUM(doc_sum)
                FROM
                    @pvn1_1_top_r_table u
                WHERE
                    u.vat_reg_nr = z.vat_reg_nr
            ),
            0
        ) AS DECIMAL(15, 4)
    ) AS DECIMAL(15, 4)
),
CAST(
    CAST(doc_vat AS DECIMAL(15, 2)) - CAST(
        isnull(
            (
                SELECT
                    SUM(doc_vat)
                FROM
                    @pvn1_1_top_table x
                WHERE
                    x.vat_reg_nr = z.vat_reg_nr
            ),
            0
        ) AS DECIMAL(15, 2)
    ) - CAST(
        isnull(
            (
                SELECT

```

```

        SUM(CAST(doc_vat AS DECIMAL(15, 2)))
    FROM
        @pvn1_1_top_r_table u
    WHERE
        u.vat_reg_nr = z.vat_reg_nr
    ),
    0
    ) AS DECIMAL(15, 2)
) AS DECIMAL(15, 2)
)
FROM
    @pvn1_1_sums_supplier z
WHERE
    (
        doc_sum >= @lim
        OR doc_sum <= (@lim * (-1))
    )
    AND CAST(
        doc_sum - isnull(
            (
                SELECT
                    SUM(doc_sum)
                FROM
                    @pvn1_1_top_table x
                WHERE
                    x.vat_reg_nr = z.vat_reg_nr
            ),
            0
        ) - isnull(
            (
                SELECT
                    SUM(doc_sum)
                FROM
                    @pvn1_1_top_r_table u
                WHERE
                    u.vat_reg_nr = z.vat_reg_nr
            ),
            0
        ) AS DECIMAL(15, 4)
    ) <> 0
    AND vat_reg_nr != ''
INSERT
    @pvn_1_1_v_totals2
SELECT
    'V',
    client_name,
    vat_reg_nr,
    doc_sum,
    doc_vat
FROM
    @pvn_1_1_v_totals

```

```

WHERE
  (
    doc_sum >= @lim
    OR doc_sum <= (@lim * (-1))
  )
DELETE FROM
  @pvn1_1_values_by_doc
WHERE
  vat_reg_nr IN (
    SELECT
      vat_reg_nr
    FROM
      @pvn_1_1_v_totals2
  )
INSERT
  @pvn_1_1_t_totals
SELECT
  CAST(SUM(doc_sum) AS DECIMAL(15, 4)),
  CAST(SUM(doc_vat) AS DECIMAL(15, 4)),
  ''
FROM
  @pvn1_1_values_by_doc z
/*
  select
    cast(sum(doc_sum * (-1)) as decimal(15,4))
    ,   cast(sum(doc_vat * (-1)) as decimal(15,4))
  from @pvn1_1_values_by_doc z
  where (doc_sum between (@lim * (-1)) and @lim)
  and vat_reg_nr not in (select vat_reg_nr from @pvn1_1_sums_supplier
where (doc_sum >= @lim or doc_sum <= (@lim * (-1))) and
isnull(vat_reg_nr, '')!='')
  and dar_veids not in ('R1','R2','R3','R4','R5','R6','R7','R8','R9')
  UNION
  select
    cast(sum(doc_sum) as decimal(15,4))
    ,   cast(sum(doc_vat) as decimal(15,4))
  from @pvn1_1_values_by_doc z
  where (doc_sum between (@lim * (-1)) and @lim)
  and vat_reg_nr not in (select vat_reg_nr from @pvn1_1_sums_supplier
where (doc_sum >= @lim or doc_sum <= (@lim * (-1))) and
isnull(vat_reg_nr, '')!='')
  UNION
  select
    cast(sum(doc_sum) as decimal(15,4))
    ,   cast(sum(doc_vat) as decimal(15,4))
  from @pvn1_1_values_by_doc z
  where (doc_sum between (@lim * (-1)) and @lim)
  and (vat_reg_nr in (select vat_reg_nr from @pvn1_1_sums_supplier where
(doc_sum >= @lim or doc_sum <= (@lim * (-1))) and isnull(vat_reg_nr, '')!='')
and vat_reg_nr not in (select vat_reg_nr from @pvn_1_1_v_totals2 where
isnull(vat_reg_nr, '')=''))

```

```

and dar_veids not in ('R1','R2','R3','R4','R5','R6','R7','R8','R9')
UNION
select
cast(sum(doc_sum) as decimal(15,4))
, cast(sum(doc_vat) as decimal(15,4))
from @pvn1_1_values_by_doc z
where (doc_sum between (@lim * (-1)) and @lim)
and vat_reg_nr not in (select vat_reg_nr from @pvn1_1_sums_supplier
where (doc_sum >= @lim or doc_sum <= (@lim * (-1))) and
isnull(vat_reg_nr,'')='')*/
-----
----- 1-2 -----
-----
DECLARE @pvn12_vat_codes TABLE (
code nvarchar(30),
rate DECIMAL,
reverse_rate DECIMAL,
proportion DECIMAL,
description nvarchar(200),
sales_account nvarchar(30),
purchase_account nvarchar(30),
info nvarchar(200),
dar_veids nvarchar(5),
do_limit VARCHAR(2)
)
INSERT INTO
@pvn12_vat_codes
SELECT
kood,
ilmakm,
poord,
or_proportsioon,
seletus,
myykkonto,
ostuKMKonto,
lisainfo,
CAST(
ISNULL(
(
SELECT
TOP 1 sisu
FROM
yld_data yd WITH (NOLOCK)
WHERE
yd.kaart = fk.kood
AND kood = 'DARTIPS1_2'
AND klass = 'kmk'
),
'G'
) AS nvarchar(10)
) AS dar_veids,

```

```

CAST(
  ISNULL(
    (
      SELECT
        TOP 1 sisu
      FROM
        yld_data yd WITH (NOLOCK)
      WHERE
        yd.kaart = fk.kood
        AND kood = 'LIMITS'
        AND klass = 'kmk'
    ),
    'Ja'
  ) AS VARCHAR(2)
) AS do_limit
FROM
  fin_kmkoodid fk
WHERE
  lisainfo LIKE '%pvn12%' DECLARE @pvn12_currencies TABLE (currency
nvarchar(3))
INSERT INTO
  @pvn12_currencies (currency)
SELECT
  DISTINCT kood
FROM
  curr_rates --pvn12 main table
DECLARE @pvn12_main_table TABLE (
  dar_veids nvarchar(5),
  do_limit VARCHAR(2),
  doc_nr nvarchar(30),
  client_doc_nr nvarchar(30),
  vat_code nvarchar(30),
  directo_table nvarchar(30),
  doc_type nvarchar(30),
  client_name nvarchar(30),
  vat_reg_nr nvarchar(30),
  country_code nvarchar(2),
  doc_sum DECIMAL(15, 2),
  doc_vat DECIMAL(15, 2),
  rate DECIMAL(28, 18),
  currency nvarchar(30),
  alt_rate DECIMAL(28, 18),
  alt_currency nvarchar(30),
  alt_doc_currency_sum nvarchar(30),
  doc_date nvarchar(30)
) --pvn12 temp table
DECLARE @pvn12_temp_table TABLE (
  dar_veids nvarchar(5),
  do_limit VARCHAR(2),
  doc_nr nvarchar(30),
  client_doc_nr nvarchar(30),

```

```

    vat_code nvarchar(30),
    directo_table nvarchar(30),
    doc_type nvarchar(30),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(30),
    country_code nvarchar(2),
    doc_sum DECIMAL(15, 4),
    doc_vat DECIMAL(15, 4),
    rate DECIMAL(28, 18),
    currency nvarchar(30),
    alt_rate DECIMAL(28, 18),
    alt_currency nvarchar(30),
    alt_doc_currency_sum nvarchar(30),
    doc_date nvarchar(30),
    vat_c_prepayment DECIMAL
)
INSERT INTO
    @pvn12_temp_table --purchase invoices - temp
SELECT
    (
        SELECT
            TOP 1 dar_veids
        FROM
            @pvn12_vat_codes vc
        WHERE
            vc.code = oar.kmkood
    ) AS dar_veids,
    '' AS do_limit,
    CAST(oa.number AS nvarchar(30)) AS doc_nr,
    CAST(oa.hankija_arve AS nvarchar(30)) AS client_doc_nr,
    CAST(oar.kmkood AS nvarchar(30)) AS vat_code,
    'purchase_invoice' AS directo_table,
    CAST(oa.tyyp AS nvarchar(30)) AS doc_type,
    CAST(oa.hankija_nimi AS nvarchar(30)) AS client_name,
    CAST(
        (
            SELECT
                TOP 1 kmregnr
            FROM
                hankijad
            WHERE
                hankijad.kood = oa.hankija_kood
        ) AS nvarchar(30)
    ) AS vat_reg_nr,
    '---' AS country_code,
    CAST(
        (
            (
                SELECT
                    SUM(summa)
                FROM

```

```
        or_arved_read
    WHERE
        NUMBER = oar.number
        AND kmkood = oar.kmkood
    ) * ISNULL(oa.kurssbv1, 1)
    ) AS DECIMAL(15, 4)
) AS doc_sum,
(
    CASE
        WHEN (
            (
                ISNULL(
                    (
                        SELECT
                            TOP 1 reverse_rate
                        FROM
                            @pvn12_vat_codes
                        WHERE
                            code = oar.kmkood
                    ),
                    0
                )
            ) != 0
        ) THEN CAST(
            (
                SELECT
                    SUM(summa)
                FROM
                    or_arved_read
                WHERE
                    NUMBER = oar.number
                    AND kmkood = oar.kmkood
            ) * ISNULL(oa.kurssbv1, 1) * (
                (
                    ISNULL(
                        (
                            SELECT
                                TOP 1 reverse_rate
                            FROM
                                @pvn12_vat_codes
                            WHERE
                                code = oar.kmkood
                        ),
                        0
                    )
                ) / 100
            ) AS DECIMAL(15, 4)
        )
        ELSE CAST(
            (
                SELECT
```

```

        SUM(summa)
    FROM
        or_arved_read
    WHERE
        NUMBER = oar.number
        AND kmkood = oar.kmkood
    ) *(@stat_vat / 100) * ISNULL(oa.kurssbv1, 1) AS DECIMAL(15,
4)
    )
    END
) AS doc_vat,
CAST(ISNULL(oa.kurssbv1, 1) AS DECIMAL(28, 18)) AS rate,
CAST(oa.valuuta AS nvarchar(30)) AS currency,
1 AS alt_rate,
'EUR' AS alt_currency,
CAST(oa.lisa_field7 AS nvarchar(30)) AS alt_doc_currency_sum,
REPLACE(CONVERT(VARCHAR, oa.aeg, 111), '/', '-') AS doc_date,
(
    SELECT
        SUM(summa)
    FROM
        or_arved_ettemaksud oae
    WHERE
        oae.arve = oa.number
        AND oae.kmk = oar.kmkood
)
FROM
    or_arved_read oar,
    or_arved oa WITH (NOLOCK)
WHERE
    CAST(oa.kande_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
    AND CAST(@aeg2 AS DATE)
    AND (kinnitatud = 'True')
    AND (oa.number = oar.number)
    AND (
        EXISTS(
            SELECT
                1
            FROM
                @pvn12_vat_codes
            WHERE
                code = oar.kmkood
        )
    )
)
UNION
SELECT
(
    SELECT
        TOP 1 dar_veids
    FROM
        @pvn12_vat_codes vc

```

```

WHERE
    vc.code = otr.kmk
) AS dar_veids,
(
    SELECT
        TOP 1 do_limit
    FROM
        @pvn12_vat_codes vc
    WHERE
        vc.code = otr.kmk
) AS do_limit,
CAST(
    isnull(
        (
            SELECT
                hankija_arve
            FROM
                or_arved
            WHERE
                NUMBER = otr.ostuarve
        ),
        ot.number
    ) AS nvarchar(30)
) AS client_doc_nr,
CAST(ot.number AS nvarchar(30)) AS client_doc_nr,
CAST(otr.kmk AS nvarchar(30)) AS vat_code,
'payments' AS directo_table,
'' doc_type,
CAST(
    (
        SELECT
            CAST(nimi AS nvarchar(30))
        FROM
            hankijad WITH (NOLOCK)
        WHERE
            (hankijad.kood = otr.hankija_kood)
    ) AS nvarchar(30)
) AS client_name,
CAST(
    (
        SELECT
            CAST(kmregnr AS nvarchar(30))
        FROM
            hankijad WITH (NOLOCK)
        WHERE
            (hankijad.kood = otr.hankija_kood)
    ) AS nvarchar(30)
) AS vat_reg_nr,
--CAST(otr.summa_p AS decimal(15,2)) AS doc_sum,
--CAST((otr.summa_p * (@stat_vat / 100)) AS decimal(15,2)) AS doc_vat,
'--' AS country_code,

```

```

(
    CASE
        WHEN (
            (
                ISNULL(
                    (
                        SELECT
                            TOP 1 reverse_rate
                        FROM
                            @pvn12_vat_codes
                        WHERE
                            code = otr.kmk
                    ),
                    0
                )
            ) != 0
        ) THEN CAST(otr.summa_p AS DECIMAL(15, 2))
        ELSE CAST(
            (otr.summa_p / (1 + @stat_vat / 100)) AS DECIMAL(15, 2)
        )
    END
) AS doc_sum,
(
    CASE
        WHEN (
            (
                ISNULL(
                    (
                        SELECT
                            TOP 1 reverse_rate
                        FROM
                            @pvn12_vat_codes
                        WHERE
                            code = otr.kmk
                    ),
                    0
                )
            ) != 0
        ) THEN CAST(
            otr.summa_p * (
                (
                    ISNULL(
                        (
                            SELECT
                                TOP 1 reverse_rate
                            FROM
                                @pvn12_vat_codes
                            WHERE
                                code = otr.kmk
                        ),
                        0
                    )
                )
            )
        )
    END
)

```

```

        )
        ) / 100
    ) AS DECIMAL(15, 2)
)
ELSE CAST(
    (
        otr.summa_p / (1 + @stat_vat / 100) * (@stat_vat / 100)
    ) AS DECIMAL(15, 2)
)
END
) AS doc_vat,
CAST(ISNULL(otr.kurss_a, 1) AS DECIMAL(28, 18)) AS rate,
CAST(otr.valuuta_a AS nvarchar(30)) AS currency,
1 AS alt_rate,
'EUR' AS alt_currency,
'',
--CAST(oa.lisa_field7 AS nvarchar(30)) AS alt_doc_currency_sum,
REPLACE(CONVERT(VARCHAR, ot.aeg, 111), '/', '-') AS doc_date,
0
FROM
    or_tasumised ot,
    or_tasumised_read otr WITH (NOLOCK)
WHERE
    CAST(ot.aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
    AND CAST(@aeg2 AS DATE)
    AND (ot.kinnitatud = 'True')
    AND (ot.number = otr.number)
    AND (
        EXISTS(
            SELECT
                1
            FROM
                @pvn12_vat_codes
            WHERE
                code = otr.kmk
        )
    )
    AND isnull(otr.ostuarve, '') = ''
UNION
SELECT
    (
        SELECT
            TOP 1 dar_veids
        FROM
            @pvn12_vat_codes vc
        WHERE
            vc.code = oar.kmk
    ) AS dar_veids,
    '' AS do_limit,
    CAST(oa.number AS nvarchar(30)) AS doc_nr,
    CAST(oa.hankija_arve AS nvarchar(30)) AS client_doc_nr,

```

```

CAST(oar.kmk AS nvarchar(30)) AS vat_code,
'prepayment' AS directo_table,
CAST(oa.tyyp AS nvarchar(30)) AS doc_type,
CAST(oa.hankija_nimi AS nvarchar(30)) AS client_name,
CAST(
  (
    SELECT
      TOP 1 kmregnr
    FROM
      hankijad
    WHERE
      hankijad.kood = oa.hankija_kood
  ) AS nvarchar(30)
) AS vat_reg_nr,
'--' AS country_code,
CAST(
  (oar.summa) * ISNULL(oa.kurssbv1, 1) AS DECIMAL(15, 4)
) AS doc_sum,
(
  CASE
    WHEN (
      (
        ISNULL(
          (
            SELECT
              TOP 1 reverse_rate
            FROM
              @pvn12_vat_codes
            WHERE
              code = oar.kmk
          ),
          0
        )
      ) != 0
    ) THEN CAST(
      oar.summa * ISNULL(oa.kurssbv1, 1) * (
        (
          ISNULL(
            (
              SELECT
                TOP 1 reverse_rate
              FROM
                @pvn12_vat_codes
              WHERE
                code = oar.kmk
            ),
            0
          )
        ) / 100
      ) AS DECIMAL(15, 4)
    )
  )
)

```

```

        ELSE CAST(
            (oar.summa) *(@stat_vat / 100) * ISNULL(oa.kurssbv1, 1) AS
DECIMAL(15, 4)
        )
    END
) AS doc_vat,
CAST(ISNULL(oa.kurssbv1, 1) AS DECIMAL(28, 18)) AS rate,
CAST(oa.valuuta AS nvarchar(30)) AS currency,
1 AS alt_rate,
'EUR' AS alt_currency,
CAST(oa.lisa_field7 AS nvarchar(30)) AS alt_doc_currency_sum,
REPLACE(CONVERT(VARCHAR, oa.aeg, 111), '/', '-') AS doc_date,
0
FROM
    or_arved_ettemaksud oar,
    or_arved oa WITH (NOLOCK)
WHERE
    CAST(oa.kande_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
    AND CAST(@aeg2 AS DATE)
    AND (oa.kinnitatud = 'True')
    AND (oa.number = oar.arve)
    AND (
        EXISTS(
            SELECT
                1
            FROM
                @pvn12_vat_codes
            WHERE
                code = oar.kmk
        )
    )
)
/*
    Select * from table a
    left join table b on a.blabla=b.blable

    Select * from table a , table b
    Where tablea.blabla = tableb.blabla

*/
INSERT INTO
    @pvn12_main_table --purchase invoices - main
SELECT
    dar_veids,
    do_limit,
    doc_nr,
    client_doc_nr,
    '' AS vat_code,
    directo_table,
    doc_type,
    client_name,
    vat_reg_nr,

```

```

country_code,
CASE
    WHEN (directo_table = 'purchase_invoice') THEN SUM(doc_sum) -
isnull(
    (
        SELECT
            SUM(doc_sum)
        FROM
            @pvn12_temp_table
        WHERE
            directo_table = 'prepayment'
            AND doc_nr = b.doc_nr
    ),
    0
)
ELSE SUM(doc_sum)
END,
CASE
    WHEN (directo_table = 'purchase_invoice') THEN SUM(doc_vat) -
isnull(
    (
        SELECT
            SUM(doc_vat)
        FROM
            @pvn12_temp_table
        WHERE
            directo_table = 'prepayment'
            AND doc_nr = b.doc_nr
    ),
    0
)
ELSE SUM(doc_vat)
END,
rate,
currency,
alt_rate,
alt_currency,
alt_doc_currency_sum,
doc_date
FROM
    @pvn12_temp_table b
WHERE
    --doc_sum > 0 or doc_sum < 0 or
    directo_table NOT IN ('prepayment')
GROUP BY
    dar_veids,
    do_limit,
    doc_nr,
    client_doc_nr,
    directo_table,
    doc_type,

```

```

client_name,
vat_reg_nr,
country_code,
rate,
currency,
alt_rate,
alt_currency,
alt_doc_currency_sum,
doc_date
INSERT INTO
@pvn12_main_table --expenses
/*
SELECT
  ' AS dar_veids,
  ' AS do_limit,
  CAST(number AS nvarchar(30)) AS doc_nr,
  CAST((SELECT TOP 1 dokument FROM fin_kulutused_read WHERE
(fin_kulutused_read.number=fin_kulutused.number)) AS nvarchar(30)) AS
client_doc_nr,
  CAST((SELECT TOP 1 kmkood FROM fin_kulutused_read WHERE
(fin_kulutused_read.number=fin_kulutused.number)) AS nvarchar(30)) AS
vat_code,
  'expense' AS directo_table,
  'Fakturekins' AS doc_type,
  CAST((SELECT TOP 1 hankija_nimi FROM fin_kulutused_read WHERE
fin_kulutused_read.number=fin_kulutused.number) AS nvarchar(30)) AS
client_name,
  CAST((SELECT kmregnr FROM hankijad WHERE hankijad.kood=(SELECT TOP 1
hankija_kood FROM fin_kulutused_read WHERE
fin_kulutused_read.number=fin_kulutused.number)) AS nvarchar(30)) AS
vat_reg_nr,
  '--' AS country_code,
  CAST(summa*ISNULL(kurssbv1,1) AS decimal(15,2)) AS doc_sum,
  CAST(summa*(@stat_vat/100)*ISNULL(kurssbv1,1) AS decimal(15,2)) AS
doc_vat,
  CAST(ISNULL(kurssbv1,1) AS decimal(28,18)) AS rate,
  CAST(valuuta AS nvarchar(30)) AS currency,
  1 AS alt_rate,
  'EUR' AS alt_currency,
  CAST(lisa_field7 AS nvarchar(30)) AS alt_doc_currency_sum,
  REPLACE(CONVERT(VARCHAR, aeg, 111), '/', '-') AS doc_date
FROM fin_kulutused WITH (NOLOCK) WHERE CAST(aeg AS date) BETWEEN
CAST(@aeg1 AS date) AND CAST(@aeg2 AS date)
AND (kinnitatud='True')
AND (EXISTS(SELECT 1 FROM @pvn12_vat_codes WHERE code IN (SELECT kmkood
FROM fin_kulutused_read WHERE
(fin_kulutused_read.number=fin_kulutused.number))))
*/
SELECT
(
  SELECT

```

```

        TOP 1 dar_veids
    FROM
        @pvn12_vat_codes vc
    WHERE
        vc.code = fkr.kmkood
) AS dar_veids,
(
    SELECT
        TOP 1 do_limit
    FROM
        @pvn12_vat_codes vc
    WHERE
        vc.code = fkr.kmkood
) AS do_limit,
CAST(fkr.number AS nvarchar(30)) AS doc_nr,
CAST(fkr.dokument AS nvarchar(30)) AS client_doc_nr,
CAST(fkr.kmkood AS nvarchar(30)) AS vat_code,
'expense' AS directo_table,
'Fakturekins' AS doc_type,
CAST(fkr.hankija_nimi AS nvarchar(30)) AS client_name,
CAST(
    (
        SELECT
            kmregnr
        FROM
            hankijad
        WHERE
            kood = fkr.hankija_kood
    ) AS nvarchar(30)
),
'--',
CAST(
    fkr.summa * isnull(fkr.r_kurss, isnull(fk.kurssbv1, 1)) AS
DECIMAL(15, 2)
),
CAST(
    (fkr.summa * (@stat_vat / 100)) * isnull(r_kurss, 1) AS DECIMAL(15,
2)
),
CAST(
    isnull(fkr.r_kurss, isnull(fk.kurssbv1, 1)) AS DECIMAL(28, 18)
),
CAST(
    isnull(fkr.r_valuuta, isnull(fk.valuuta, 'EUR')) AS nvarchar(255)
),
1,
'EUR',
CAST(fk.lisa_field7 AS nvarchar(30)) AS alt_doc_currency_sum,
REPLACE(
    CONVERT(VARCHAR, isnull(fkr.aeg, fk.aeg), 111),
    '/',

```

```
        ' '
    ) AS doc_date
FROM
    fin_kulutused_read fkr WITH(nolock)
    LEFT JOIN fin_kulutused fk ON fk.number = fkr.number
WHERE
    CAST(isnull(fkr.aeg, fk.aeg) AS DATE) BETWEEN CAST(@aeg1 AS DATE)
    AND CAST(@aeg2 AS DATE)
    AND fkr.kmkood IN (
        SELECT
            code
        FROM
            @pvn12_vat_codes
    )
    AND (kinnitatud = 'True')
UPDATE
    @pvn12_main_table
SET
    country_code = SUBSTRING(vat_reg_nr, 1, 2)
UPDATE
    @pvn12_main_table
SET
    alt_currency = (
        CASE
            WHEN country_code = 'BG' THEN 'BGN'
            WHEN country_code = 'CZ' THEN 'CZK'
            WHEN country_code = 'DK' THEN 'DKK'
            WHEN country_code = 'GB' THEN 'GBP'
            WHEN country_code = 'HU' THEN 'HUF'
            WHEN country_code = 'LT'
            AND CAST(doc_date AS DATE) < CAST('2015.01.01' AS DATE) THEN
'LTL'
            WHEN country_code = 'PL' THEN 'PLN'
            WHEN country_code = 'RO' THEN 'RON'
            WHEN country_code = 'SE' THEN 'SEK'
            ELSE 'EUR'
        END
    )
UPDATE
    @pvn12_main_table
SET
    alt_rate = ISNULL(
        (
            SELECT
                TOP 1 CAST(curr_rates.kurss1 AS DECIMAL(28, 18))
            FROM
                curr_rates
            WHERE
                curr_rates.kood = alt_currency
                AND CAST(curr_rates.aeg AS DATE) <= DATEADD(DAY, -1,
CAST(doc_date AS DATE))
        )
    )
```

```

        ORDER BY
            curr_rates.aeg DESC
    ),
    1
)
UPDATE
    @pvn12_main_table
SET
    dar_veids = (
        SELECT
            TOP 1 dar_veids
        FROM
            @pvn12_vat_codes vc
        WHERE
            vc.code = vat_code
    )
WHERE
    dar_veids IS NULL
UPDATE
    @pvn12_main_table
SET
    do_limit = (
        SELECT
            TOP 1 do_limit
        FROM
            @pvn12_vat_codes vc
        WHERE
            vc.code = vat_code
    ) -----
----- 1-3 -----
-----
--izveidojam PVN 13 kodu tabulu
DECLARE @pvn13_vat_codes TABLE (
    code nvarchar(30),
    rate DECIMAL,
    description nvarchar(200),
    sales_account nvarchar(30),
    purchase_account nvarchar(30),
    info nvarchar(200),
    dar_veids nvarchar(5),
    do_limit VARCHAR(2)
)
INSERT INTO
    @pvn13_vat_codes
SELECT
    kood,
    ilmakm,
    seletus,
    myykkonto,
    ostuKMkonto,
    lisainfo,

```

```

CAST(
  ISNULL(
    (
      SELECT
        TOP 1 REPLACE(sisu, '_', '.')
      FROM
        yld_data yd WITH (NOLOCK)
      WHERE
        yd.kaart = fk.kood
        AND kood = 'DARTIPS1_3'
        AND klass = 'kmk'
    ),
    '41'
  ) AS nvarchar(10)
) AS dar_veids,
CAST(
  ISNULL(
    (
      SELECT
        TOP 1 sisu
      FROM
        yld_data yd WITH (NOLOCK)
      WHERE
        yd.kaart = fk.kood
        AND kood = 'LIMITS'
        AND klass = 'kmk'
    ),
    'Ja'
  ) AS VARCHAR(2)
) AS do_limit
FROM
  fin_kmkoodid fk
WHERE
  lisainfo LIKE '%pvn13%' DECLARE @pvn1_3_temp TABLE (
    dar_veids nvarchar(5),
    do_limit VARCHAR(2),
    dok_veids nvarchar(1),
    doc_nr nvarchar(30),
    vat_code nvarchar(30),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(30),
    doc_sum DECIMAL(15, 4),
    doc_vat DECIMAL(15, 4),
    doc_date nvarchar(30),
    doc_sum_total DECIMAL(15, 4),
    vatc_prepayment DECIMAL(15, 4)
  ) DECLARE @pvn1_3_values_by_doc TABLE (
    dar_veids nvarchar(5),
    do_limit VARCHAR(2),
    dok_veids nvarchar(1),
    doc_nr nvarchar(30),

```

```
    vat_code nvarchar(30),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(30),
    doc_sum DECIMAL(15, 4),
    doc_vat DECIMAL(15, 4),
    doc_date nvarchar(30),
    doc_sum_total DECIMAL(15, 4),
    vatc_prepayment DECIMAL(15, 4),
    rn INT
) DECLARE @pvn1_3_top_table TABLE (
    dar_veids nvarchar(5),
    do_limit VARCHAR(2),
    dok_veids nvarchar(1),
    doc_nr nvarchar(30),
    vat_code nvarchar(30),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(30),
    doc_sum DECIMAL(15, 4),
    doc_vat DECIMAL(15, 4),
    doc_date nvarchar(30),
    doc_sum_total DECIMAL(15, 4),
    vatc_prepayment DECIMAL(15, 4),
    rn INT
) DECLARE @pvn1_3_top_tablex TABLE (
    dar_veids nvarchar(5),
    do_limit VARCHAR(2),
    dok_veids nvarchar(1),
    doc_nr nvarchar(30),
    vat_code nvarchar(30),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(30),
    doc_sum DECIMAL(15, 4),
    doc_vat DECIMAL(15, 4),
    doc_date nvarchar(30),
    doc_sum_total DECIMAL(15, 4),
    vatc_prepayment DECIMAL(15, 4),
    rn INT
) DECLARE @tdeals TABLE (
    dar_veids nvarchar(5),
    do_limit VARCHAR(2),
    dok_veids nvarchar(1),
    doc_nr nvarchar(30),
    vat_code nvarchar(30),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(30),
    doc_sum DECIMAL(15, 4),
    doc_vat DECIMAL(15, 4),
    doc_date nvarchar(30),
    doc_sum_total DECIMAL(15, 4),
    vatc_prepayment DECIMAL(15, 4),
    rn INT
```

```
) DECLARE @pvn1_3_top_sums_customer TABLE (
    vat_reg_nr nvarchar(30),
    doc_sum DECIMAL(15, 4),
    doc_vat DECIMAL(15, 4)
) DECLARE @pvn1_3_sums_customer TABLE (
    vat_reg_nr nvarchar(30),
    doc_sum DECIMAL(15, 4),
    doc_vat DECIMAL(15, 4)
) DECLARE @v_totals TABLE (
    dok_veids nvarchar(32),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(34),
    doc_sum DECIMAL(15, 4),
    doc_vat DECIMAL(15, 4)
) DECLARE @x_totals TABLE (
    dok_veids nvarchar(32),
    client_name nvarchar(30),
    vat_reg_nr nvarchar(32),
    doc_sum DECIMAL(15, 4),
    doc_vat DECIMAL(15, 4)
) DECLARE @t_totals TABLE (
    doc_sum DECIMAL(15, 4),
    doc_vat DECIMAL(15, 4)
) --ielasam visas rēķina rindas kuras ir ar 1 - 3 atšifrējamajiem pvn
kodiem
INSERT
    @pvn1_3_temp
SELECT
    (
        SELECT
            TOP 1 dar_veids
        FROM
            @pvn13_vat_codes vc
        WHERE
            vc.code = mr_arved_read.kmk
    ) AS dar_veids,
    (
        SELECT
            TOP 1 do_limit
        FROM
            @pvn13_vat_codes vc
        WHERE
            vc.code = mr_arved_read.kmk
    ) AS do_limit,
CASE
    WHEN (isnull(ettemaks, 0) = 0) THEN '1'
    ELSE '1'
END AS dok_veids,
mr_arved_read.number AS doc_nr,
kmk AS vat_code,
CAST((klient_nimi) AS nvarchar(30)) AS client_name,
```

```

CASE
  WHEN (
    kmregnumber IS NOT NULL
    OR kmregnumber != ' '
  ) THEN kmregnumber
  ELSE (
    SELECT
      top 1 kmregnr
    FROM
      kliendid
    WHERE
      kood = mr_arved.klient_kood
  )
END AS vat_reg_nr,
CAST((ROUND(ISNULL(summa, 0), 4)) AS DECIMAL(15, 4)) AS doc_sum,
isnull(
  CAST(
    (
      ROUND(ISNULL(summa, 0), 4) * (
        NULLIF(
          (
            ISNULL(
              (
                SELECT
                  TOP 1 rate
                FROM
                  @pvn13_vat_codes
                WHERE
                  code = mr_arved_read.kmk
              ),
              0
            ) / 100
          ),
          0
        )
      ) AS DECIMAL(15, 4)
    ),
    '0.00'
  ) AS doc_vat,
REPLACE(CONVERT(VARCHAR, aeg, 111), '/', '-') AS doc_date,
(
  SELECT
    SUM(summa)
  FROM
    mr_arved_read mar1
  WHERE
    mar1.number = mr_arved_read.number
    AND kmk IN (
      SELECT
        code

```

```

                FROM
                    @pvn13_vat_codes
            )
        ),
    (
        SELECT
            SUM(summa)
        FROM
            mr_arved_ettemaksud mae
        WHERE
            mae.arve = mr_arved_read.number
            AND mae.kmk = mr_arved_read.kmk
    )
FROM
    mr_arved_read WITH (NOLOCK)
INNER JOIN mr_arved ON mr_arved_read.number = mr_arved.number
WHERE
    CAST(aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
    AND CAST(@aeg2 AS DATE)
    AND (kinnitatud = 1)
    AND kmk IN (
        SELECT
            code
        FROM
            @pvn13_vat_codes
    )
    AND artikkel IS NOT NULL
    AND mr_arved.kokku >= 0
INSERT
    @pvn1_3_temp
SELECT
    (
        SELECT
            TOP 1 dar_veids
        FROM
            @pvn13_vat_codes vc
        WHERE
            vc.code = mlr.kmk
    ) AS dar_veids,
    (
        SELECT
            TOP 1 do_limit
        FROM
            @pvn13_vat_codes vc
        WHERE
            vc.code = mlr.kmk
    ) AS do_limit,
    '3' AS dok_veids,
    CAST(ml.number AS nvarchar(30)) AS doc_nr,
    CAST(mlr.kmk AS nvarchar(30)) AS vat_code,
    CAST(

```

```
(
    SELECT
        TOP 1 nimi
    FROM
        kliendid WITH (NOLOCK)
    WHERE
        (kliendid.kood = mlr.klient_kood)
    ) AS nvarchar(30)
) AS client_name,
CAST(
    (
        SELECT
            TOP 1 kmregnr
        FROM
            kliendid WITH (NOLOCK)
        WHERE
            (kliendid.kood = mlr.klient_kood)
        ) AS nvarchar(30)
    ) AS vat_reg_nr,
CAST(
    (
        ROUND(mlr.tasuti, 2) / (
            (
                ISNULL(
                    (
                        SELECT
                            TOP 1 rate
                        FROM
                            @pvn13_vat_codes
                        WHERE
                            code = mlr.kmk
                    ),
                    0
                ) / 100
            ) + 1
        )
    ) AS DECIMAL(15, 4)
) AS doc_sum,
CAST(
    (
        (
            ROUND(mlr.tasuti, 2) / (
                (
                    ISNULL(
                        (
                            SELECT
                                TOP 1 rate
                            FROM
                                @pvn13_vat_codes
                            WHERE
                                code = mlr.kmk
                        )
                    )
                )
            )
        )
    )

```

```

        ),
        0
    ) / 100
    ) + 1
    )
    ) * (
        ISNULL(
            (
                SELECT
                    TOP 1 rate
                FROM
                    @pvn13_vat_codes
                WHERE
                    code = mlr.kmk
            ),
            0
        ) / 100
    )
    ) AS DECIMAL(15, 4)
) AS doc_vat,
REPLACE(CONVERT(VARCHAR, ml.aeg, 111), '/', '-') AS doc_date,
CAST(
    (
        ROUND(mlr.tasuti, 2) / (
            (
                ISNULL(
                    (
                        SELECT
                            TOP 1 rate
                        FROM
                            @pvn13_vat_codes
                        WHERE
                            code = mlr.kmk
                    ),
                    0
                ) / 100
            ) + 1
        )
    ) AS DECIMAL(15, 4)
),
0
FROM
    mr_laekumised ml,
    mr_laekumised_read mlr WITH (NOLOCK)
WHERE
    CAST(ml.aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
    AND CAST(@aeg2 AS DATE)
    AND (ml.kinnitatud = 'True')
    AND (ml.number = mlr.number)
    AND mlr.kmk IN (
        SELECT

```

```

        code
    FROM
        @pvn13_vat_codes
    )
    AND (
        (ISNULL(NULLIF(mlr.ettemaks, 0), 0) != 0)
        OR ((ISNULL(NULLIF(mlr.arvenumber, 0), 0) = 0))
    )
INSERT
    @pvn1_3_values_by_doc
SELECT
    dar_veids,
    do_limit,
    dok_veids,
    doc_nr,
    vat_code,
    client_name,
    isnull(vat_reg_nr, ' '),
    SUM(doc_sum) - CASE
        WHEN (dok_veids != '3') THEN (
            isnull(
                (
                    SELECT
                        CAST(
                            summa / CAST(
                                1 + (
                                    SELECT
                                        ilmakm / 100
                                    FROM
                                        fin_kmkoodid
                                    WHERE
                                        kood = mae.kmk
                                ) AS DECIMAL(15, 4)
                            ) AS DECIMAL(15, 4)
                        )
                    FROM
                        mr_arved_ettemaksud mae
                    WHERE
                        mae.arve = pvn13temp.doc_nr
                        AND mae.kmk = pvn13temp.vat_code
                ),
                0
            )
        )
    ELSE 0
END,
    SUM(doc_vat) - CASE
        WHEN (dok_veids != '3') THEN (
            isnull(
                (
                    SELECT

```

```
        CAST(
            summa - (
                summa / CAST(
                    1 + (
                        SELECT
                            ilmakm / 100
                        FROM
                            fin_kmkoodid
                        WHERE
                            kood = mae.kmk
                    ) AS DECIMAL(15, 4)
                )
            ) AS DECIMAL(15, 4)
        )
    FROM
        mr_arved_ettemaksud mae
    WHERE
        mae.arve = pvn13temp.doc_nr
        AND mae.kmk = pvn13temp.vat_code
    ),
    0
)
)
)
ELSE 0
END,
doc_date,
doc_sum_total,
vatc_prepayment,
ROW_NUMBER() OVER(
    ORDER BY
        dar_veids,
        do_limit,
        dok_veids,
        doc_nr,
        vat_code,
        client_name,
        vat_reg_nr,
        doc_date,
        doc_sum_total,
        vatc_prepayment
) nr
FROM
    @pvn1_3_temp pvn13temp
GROUP BY
    dar_veids,
    do_limit,
    dok_veids,
    doc_nr,
    vat_code,
    client_name,
    vat_reg_nr,
```

```

    doc_date,
    doc_sum_total,
    vatc_prepayment
INSERT
    @pvn1_3_sums_customer
SELECT
    isnull(vat_reg_nr, ' '),
    SUM(doc_sum),
    SUM(doc_vat)
FROM
    @pvn1_3_values_by_doc
WHERE
    isnull(vat_reg_nr, '') != ''
GROUP BY
    vat_reg_nr --delete from @pvn1_3_temp where dok_veids in ('1','Z')
                --only for anvol
DECLARE @fin_kanded_read TABLE (
    sum_wo_vat DECIMAL(15, 4),
    vat_sum DECIMAL(15, 4)
)
INSERT
    @fin_kanded_read
SELECT
    0,
    SUM(
        CASE
            WHEN (baasldeebet < 0) THEN (baasldeebet * (-1))
            WHEN (baaslkreedit > 0) THEN (baaslkreedit)
        END
    ) - SUM(
        CASE
            WHEN (baasldeebet > 0) THEN (baasldeebet)
            WHEN (baaslkreedit < 0) THEN (baaslkreedit * (-1))
        END
    )
FROM
    fin_kanded_read
WHERE
    ttyp = 'fin'
    AND CAST(r_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
    AND CAST(@aeg2 AS DATE)
    AND konto IN ('5721', '57210')
    AND kmkood IN ('1', '16')
UNION
SELECT
    SUM(
        CASE
            WHEN (baasldeebet < 0) THEN (baasldeebet * (-1))
            WHEN (baaslkreedit > 0) THEN (baaslkreedit)
        END
    ) - SUM(

```

```

        CASE
            WHEN (baas1deebet > 0) THEN (baas1deebet)
            WHEN (baas1kreedit < 0) THEN (baas1kreedit * (-1))
        END
    ),
    0
FROM
    fin_kanded_read
WHERE
    tyyp = 'fin'
    AND CAST(r_aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
    AND CAST(@aeg2 AS DATE)
    AND SUBSTRING(CONVERT(nvarchar(32), konto), 1, 1) = '6'
    AND kmkood IN ('16', '1') DECLARE @pvn1_3tots TABLE (
        doc_sum DECIMAL(15, 4),
        doc_vat DECIMAL(15, 4)
    )
INSERT
    @pvn1_3tots
SELECT
    CAST(
        SUM(doc_sum) + (
            SELECT
                SUM(sum_wo_vat)
            FROM
                @fin_kanded_read
        ) AS DECIMAL(15, 4)
    ) AS sum_total,
    CAST(
        SUM(doc_vat) + (
            SELECT
                SUM(vat_sum)
            FROM
                @fin_kanded_read
        ) AS DECIMAL(15, 4)
    ) AS vat_total
FROM
    @pvn1_3_values_by_doc
INSERT
    @pvn1_3_top_table
SELECT
    dar_veids,
    do_limit,
    dok_veids,
    doc_nr,
    vat_code,
    client_name,
    vat_reg_nr,
    doc_sum,
    doc_vat,
    doc_date,

```

```
    doc_sum_total,  
    vatc_prepayment,  
    rn  
FROM  
    @pvn1_3_values_by_doc  
WHERE  
    (  
        doc_sum_total >= @lim  
        OR doc_sum_total <= (@lim * (-1))  
    )  
    AND doc_sum <> 0  
    AND isnull(vat_reg_nr, '') != ''  
GROUP BY  
    dar_veids,  
    do_limit,  
    dok_veids,  
    doc_nr,  
    vat_code,  
    client_name,  
    vat_reg_nr,  
    doc_date,  
    doc_sum_total,  
    doc_sum,  
    doc_vat,  
    vatc_prepayment,  
    rn  
DELETE FROM  
    @pvn1_3_values_by_doc  
WHERE  
    rn IN (  
        SELECT  
            rn  
        FROM  
            @pvn1_3_top_table  
    )  
INSERT  
    @pvn1_3_top_tablex  
SELECT  
    dar_veids,  
    do_limit,  
    dok_veids,  
    doc_nr,  
    vat_code,  
    client_name,  
    vat_reg_nr,  
    doc_sum,  
    doc_vat,  
    doc_date,  
    doc_sum_total,  
    vatc_prepayment,  
    rn
```

```
FROM
    @pvnl_3_values_by_doc
WHERE
    (
        doc_sum_total >= @lim
        OR doc_sum_total <= (@lim * (-1))
    )
    AND isnull(vat_reg_nr, '') = ''
GROUP BY
    dar_veids,
    do_limit,
    dok_veids,
    doc_nr,
    vat_code,
    client_name,
    vat_reg_nr,
    doc_date,
    doc_sum_total,
    doc_sum,
    doc_vat,
    vatc_prepayment,
    rn
DELETE FROM
    @pvnl_3_values_by_doc
WHERE
    rn IN (
        SELECT
            rn
        FROM
            @pvnl_3_top_tablex
    )
INSERT
    @pvnl_3_top_sums_customer
SELECT
    vat_reg_nr,
    SUM(doc_sum),
    SUM(doc_vat)
FROM
    @pvnl_3_top_table
GROUP BY
    vat_reg_nr
INSERT
    @v_totals
SELECT
    'V',
    CAST(
        (
            SELECT
                TOP 1 SUBSTRING(NIMI, 1, 30)
            FROM
                KLIENDID Y
```

```

        WHERE
            Y.KMREGNR = Z.vat_reg_nr
        ) AS NVARCHAR(30)
    ),
    vat_reg_nr,
    CAST(
        doc_sum - isnull(
            (
                SELECT
                    top 1 doc_sum
                FROM
                    @pvn1_3_top_sums_customer x
                WHERE
                    x.vat_reg_nr = z.vat_reg_nr
            ),
            0
        ) AS DECIMAL(15, 4)
    ),
    CAST(
        doc_vat - isnull(
            (
                SELECT
                    top 1 doc_vat
                FROM
                    @pvn1_3_top_sums_customer x
                WHERE
                    x.vat_reg_nr = z.vat_reg_nr
            ),
            0
        ) AS DECIMAL(15, 4)
    )
FROM
    @pvn1_3_sums_customer z
WHERE
    (
        doc_sum >= @lim
        OR doc_sum <= (@lim * (-1))
    )
    AND CAST(
        doc_sum - isnull(
            (
                SELECT
                    top 1 doc_sum
                FROM
                    @pvn1_3_top_sums_customer x
                WHERE
                    x.vat_reg_nr = z.vat_reg_nr
            ),
            0
        ) AS DECIMAL(15, 4)
    ) > 0

```

```
    AND isnull(vat_reg_nr, '') != ''
DELETE FROM
    @pvn1_3_values_by_doc
WHERE
    vat_reg_nr IN (
        SELECT
            vat_reg_nr
        FROM
            @v_totals
    )
INSERT
    @tdeals
SELECT
    dar_veids,
    do_limit,
    dok_veids,
    doc_nr,
    vat_code,
    client_name,
    vat_reg_nr,
    doc_sum,
    doc_vat,
    doc_date,
    doc_sum_total,
    vatc_prepayment,
    rn
FROM
    @pvn1_3_values_by_doc
WHERE
    (
        doc_sum BETWEEN (@lim * (-1))
        AND @lim
    )
    AND isnull(vat_reg_nr, '') != ''
GROUP BY
    dar_veids,
    do_limit,
    dok_veids,
    doc_nr,
    vat_code,
    client_name,
    vat_reg_nr,
    doc_date,
    doc_sum_total,
    doc_sum,
    doc_vat,
    vatc_prepayment,
    rn
UNION
SELECT
    dar_veids,
```

```
do_limit,  
dok_veids,  
doc_nr,  
vat_code,  
client_name,  
vat_reg_nr,  
doc_sum,  
doc_vat,  
doc_date,  
doc_sum_total,  
vatc_prepayment,  
rn  
FROM  
  @pvn1_3_values_by_doc  
WHERE  
  (  
    doc_sum BETWEEN (@lim * (-1))  
    AND @lim  
  )  
  AND isnull(vat_reg_nr, '') = ''  
GROUP BY  
  dar_veids,  
  do_limit,  
  dok_veids,  
  doc_nr,  
  vat_code,  
  client_name,  
  vat_reg_nr,  
  doc_date,  
  doc_sum_total,  
  doc_sum,  
  doc_vat,  
  vatc_prepayment,  
  rn  
DELETE FROM  
  @pvn1_3_values_by_doc  
WHERE  
  rn IN (  
    SELECT  
      rn  
    FROM  
      @tdeals  
  )  
INSERT  
  @t_totals  
SELECT  
  CAST(SUM(doc_sum) AS DECIMAL(15, 4)),  
  CAST(SUM(doc_vat) AS DECIMAL(15, 4))  
FROM  
  @tdeals z  
INSERT
```

```

    @x_totals
SELECT
    'X' ,
    '' ,
    '' ,
    CAST(SUM(doc_sum) AS DECIMAL(15, 4)),
    CAST(SUM(doc_vat) AS DECIMAL(15, 4))
FROM
    @pvn1_3_top_tablex z --where (doc_sum_total >= @lim or doc_sum_total <=
    (@lim * (-1))) and doc_sum<>0 and isnull(vat_reg_nr,'')=''
    -----
    ----- 2-1 -----
    -----
    DECLARE @pvn21_vat_codes TABLE (
        code nvarchar(30),
        rate DECIMAL,
        proportion DECIMAL,
        description nvarchar(200),
        sales_account nvarchar(30),
        purchase_account nvarchar(30),
        info nvarchar(200),
        dar_veids nvarchar(5),
        do_limit VARCHAR(2)
    )
INSERT INTO
    @pvn21_vat_codes
SELECT
    kood,
    ilmakm,
    or_proportsioon,
    seletus,
    myykkonto,
    ostuKMkonto,
    lisainfo,
    CAST(
        ISNULL(
            (
                SELECT
                    TOP 1 sisu
                FROM
                    yld_data yd WITH (NOLOCK)
                WHERE
                    yd.kaart = fk.kood
                    AND kood = 'DARTIPS_2'
                    AND klass = 'kmk'
            ),
            'G'
        ) AS nvarchar(10)
    ) AS dar_veids,
    CAST(
        ISNULL(

```

```

        (
            SELECT
                TOP 1 sisu
            FROM
                yld_data yd WITH (NOLOCK)
            WHERE
                yd.kaart = fk.kood
                AND kood = 'LIMITS'
                AND klass = 'kmk'
        ),
        'Ja'
    ) AS VARCHAR(2)
) AS do_limit
FROM
    fin_kmkoodid fk
WHERE
    lisainfo LIKE '%pvn21%' DECLARE @invoices TABLE (
        pazime nvarchar(5),
        do_limit VARCHAR(2),
        vat_reg_nr nvarchar(30),
        doc_nr nvarchar(30),
        vat_code nvarchar(30),
        article_sum DECIMAL(15, 2)
    )
INSERT INTO
    @invoices
    /*
        SELECT
            '' AS pazime,
            '' AS do_limit,
            (SELECT TOP 1 kmregnr FROM kliendid, mr_arved WHERE
(kliendid.kood=mr_arved.klient_kood) AND
(mr_arved.number=mr_arved_read.number)) AS vat_reg_nr,
            number AS doc_nr,
            CAST(kmk AS nvarchar(30)) AS vat_code,
            ISNULL(summa,0)*(SELECT ISNULL(kurssbv1,1) FROM mr_arved WITH (NOLOCK)
WHERE mr_arved.number=mr_arved_read.number) AS article_sum
            FROM mr_arved_read WITH (NOLOCK)
            WHERE (SELECT CAST(aeg AS date) FROM mr_arved WITH (NOLOCK) WHERE
mr_arved.number=mr_arved_read.number) BETWEEN CAST(@aeg1 AS date) AND
CAST(@aeg2 AS date)
            AND ((SELECT kinnitatud FROM mr_arved WITH (NOLOCK) WHERE
mr_arved.number=mr_arved_read.number)=1)
            AND (EXISTS(SELECT 1 FROM @pvn21_vat_codes WHERE code = kmk))
        */
SELECT
    DISTINCT (
        SELECT
            dar_veids
        FROM
            @pvn21_vat_codes

```

```
WHERE
    code = kmk
),
(
    SELECT
        do_limit
    FROM
        @pvn21_vat_codes
    WHERE
        code = kmk
),
SUBSTRING(
    isnull(
        (
            SELECT
                TOP 1 kmregnr
            FROM
                kliendid
            WHERE
                (
                    kliendid.kood =(
                        SELECT
                            klient_kood
                        FROM
                            mr_arved
                        WHERE
                            mr_arved.number = mar.number
                    )
                )
        ),
        ''
    ),
    1,
    30
),
mar.number,
mar.kmk,
CAST(
    SUM(summa) * (
        SELECT
            ISNULL(kurssbv1, 1)
        FROM
            mr_arved WITH (NOLOCK)
        WHERE
            mr_arved.number = mar.number
    ) AS DECIMAL(15, 4)
)
FROM
    mr_arved_read mar
WHERE
    (
```

```

SELECT
    CAST(aeg AS DATE)
FROM
    mr_arved WITH (NOLOCK)
WHERE
    mr_arved.number = mar.number
) BETWEEN CAST(@aeg1 AS DATE)
AND CAST(@aeg2 AS DATE)
AND (
    (
        SELECT
            kinnitatus
        FROM
            mr_arved WITH (NOLOCK)
        WHERE
            mr_arved.number = mar.number
    ) = 1
)
AND (
    EXISTS(
        SELECT
            1
        FROM
            @pvn21_vat_codes
        WHERE
            code = kmk
    )
)
AND kmk IN (
    SELECT
        code
    FROM
        @pvn21_vat_codes
)
GROUP BY
    NUMBER,
    kmk
UNION
SELECT
    (
        SELECT
            dar_veids
        FROM
            @pvn21_vat_codes
        WHERE
            code = mlr.kmk
    ),
    (
        SELECT
            do_limit
        FROM

```

```

        @pvn21_vat_codes
    WHERE
        code = mlr.kmk
),
SUBSTRING(
    isnull(
        (
            SELECT
                TOP 1 kmregnr
            FROM
                kliendid
            WHERE
                (kliendid.kood = mlr.klient_kood)
        ),
        ''
    ),
    1,
    30
),
mlr.number,
mlr.kmk,
CAST(
    SUM(summa_p) * (ISNULL(kurss_p, 1)) AS DECIMAL(15, 4)
)
FROM
    mr_laekumised_read mlr
    LEFT JOIN mr_laekumised ml ON ml.number = mlr.number
WHERE
    CAST(ml.aeg AS DATE) BETWEEN CAST(@aeg1 AS DATE)
    AND CAST(@aeg2 AS DATE)
    AND isnull(ml.kinnitatud, 0) = 1
    AND mlr.kmk IN (
        SELECT
            code
        FROM
            @pvn21_vat_codes
    )
GROUP BY
    mlr.number,
    mlr.kmk,
    mlr.klient_kood,
    mlr.summa_p,
    mlr.kurss_p --UPDATE @invoices SET pazime = (SELECT TOP 1 dar_veids FROM
@pvn21_vat_codes vc WHERE vc.code = vat_code)
    --UPDATE @invoices SET do_limit = (SELECT TOP 1 do_limit FROM
@pvn21_vat_codes vc WHERE vc.code = vat_code)
    DECLARE @invoices_grouped TABLE (
        pazime nvarchar(1),
        vat_reg_nr nvarchar(30),
        doc_nr nvarchar(30),
        article_sum DECIMAL(15, 2)
    )

```

```

)
INSERT INTO
  @invoices_grouped ( pazime, vat_reg_nr, doc_nr, article_sum)
SELECT
  pazime,
  vat_reg_nr,
  doc_nr,
  SUM(article_sum)
FROM
  @invoices
GROUP BY
  vat_reg_nr,
  pazime,
  doc_nr --xml out
SELECT
  (
    SELECT
      @aeg1 AS date1,
      @aeg2 AS date2,
      CURRENT_TIMESTAMP AS date_now FOR XML PATH('dates'),
      TYPE,
      ELEMENTS
    ),
  (
    SELECT
      *
    FROM
      @pvn11_vat_codes FOR XML PATH('code'),
      TYPE,
      ELEMENTS
  ) AS [pvn11_vat_codes],
  (
    SELECT
      *
    FROM
      @pvn12_vat_codes FOR XML PATH('code'),
      TYPE,
      ELEMENTS
  ) AS [pvn12_vat_codes],
  (
    SELECT
      *
    FROM
      @pvn13_vat_codes FOR XML PATH('code'),
      TYPE,
      ELEMENTS
  ) AS [pvn13_vat_codes],
  (
    SELECT
      *
    FROM

```

```
    @pvn21_vat_codes FOR XML PATH('code'),
    TYPE,
    ELEMENTS
) AS [pvn21_vat_codes],
(
    SELECT
    @vat_declar_name AS vat_declar_name,
    @stat_vat AS stat_vat,
    @lim AS lim,
    @account AS account FOR XML PATH('filters'),
    TYPE,
    ELEMENTS
),
(
    SELECT
    setting AS name,
    (
        SELECT
        setting
        FROM
        settings
        WHERE
        id = 'firma_kmnr'
    ) AS vat_reg_nr,
    (
        SELECT
        setting
        FROM
        settings
        WHERE
        id = 'firma_regnr'
    ) AS reg_nr,
    (
        SELECT
        setting
        FROM
        settings
        WHERE
        id = 'firma_telefon'
    ) AS tel,
    (
        SELECT
        setting
        FROM
        settings
        WHERE
        id = 'firma_faks'
    ) AS fax,
    (
        SELECT
        setting
```

```
        FROM
            settings
        WHERE
            id = 'firma_aaddress'
    ) AS address1,
    (
        SELECT
            setting
        FROM
            settings
        WHERE
            id = 'firma_aaddress2'
    ) AS address2,
    (
        SELECT
            setting
        FROM
            settings
        WHERE
            id = 'firma_aaddress3'
    ) AS address3,
    (
        SELECT
            setting
        FROM
            settings
        WHERE
            id = 'firma_tegevusaaddress'
    ) AS biz_address1,
    (
        SELECT
            setting
        FROM
            settings
        WHERE
            id = 'firma_tegevusaaddress2'
    ) AS biz_address2,
    (
        SELECT
            setting
        FROM
            settings
        WHERE
            id = 'firma_tegevusaaddress3'
    ) AS biz_address3,
    (
        SELECT
            setting
        FROM
            settings
        WHERE
```

```
        id = 'firma_pank'
    ) AS bank,
    (
        SELECT
            setting
        FROM
            settings
        WHERE
            id = 'firma_swift'
    ) AS bank_swift,
    (
        SELECT
            setting
        FROM
            settings
        WHERE
            id = 'firma_aa'
    ) AS account,
    (
        SELECT
            setting
        FROM
            settings
        WHERE
            id = 'firma_iban'
    ) AS iban,
    (
        SELECT
            setting
        FROM
            settings
        WHERE
            id = 'firma_juht'
    ) AS head
FROM
    settings
WHERE
    id = 'firma_nimi' FOR XML PATH('company_info'),
    TYPE,
    ELEMENTS
),
(
    SELECT
        *
    FROM
        @vat_declar_sums FOR XML PATH('vat_declar_sum'),
        TYPE,
        ELEMENTS
) AS [vat_declar_totals],
(
    --pvnl1
```

```

SELECT
    dar_veids,
    do_limit,
    doc_nr,
    doc_nr AS client_doc_nr,
    vat_code,
    dok_veids AS TYPE,
    client_name,
    vat_reg_nr,
    doc_sum AS SUM,
    doc_vat AS vat,
    doc_date AS DATE,
    rn
FROM
    @pvn1_1_top_table
WHERE
    (
        doc_sum <> 0
        OR doc_vat <> 0
    ) FOR XML PATH('doc'),
    TYPE,
    ELEMENTS
) AS [pvn11_docs_above],
(
    SELECT
        dar_veids,
        do_limit,
        doc_nr,
        doc_nr AS client_doc_nr,
        vat_code,
        dok_veids AS TYPE,
        client_name,
        vat_reg_nr,
        doc_sum AS SUM,
        doc_vat AS vat,
        doc_date AS DATE
    FROM
        @pvn1_1_top_r_table
    WHERE
        (
            doc_sum <> 0
            OR doc_vat <> 0
        ) FOR XML PATH('doc'),
        TYPE,
        ELEMENTS
    ) AS [pvn11_docs_above],
(
    SELECT
        'V' AS dar_veids,
        '' AS do_limit,
        '' AS doc_nr,

```

```

        '' AS client_doc_nr,
        '' AS vat_code,
        client_name,
        vat_reg_nr,
        doc_sum AS SUM,
        doc_vat AS vat,
        '' AS doc_date
    FROM
        @pvn_1_1_v_totals2 FOR XML PATH('doc'),
        TYPE,
        ELEMENTS
    ) AS [pvn11_docs_above],
    (
        SELECT
            CAST(SUM(doc_sum) AS DECIMAL(15, 2)) AS sum_total,
            CAST(SUM(doc_vat) AS DECIMAL(15, 2)) AS vat_total
        FROM
            @pvn_1_1_t_totals FOR XML PATH('pvn11_totals_below'),
            TYPE,
            ELEMENTS
    ),
    (
        SELECT
            doc_sum AS sum_total,
            doc_vat AS vat_total
        FROM
            @pvn_1_1_totals FOR XML PATH('pvn11_totals'),
            TYPE,
            ELEMENTS
    ),
    /*
    (
        SELECT CAST(SUM((doc_sum) * (-1)) AS decimal(15,2)) AS sum_total,
        CAST(SUM((doc_vat) * (-1)) AS decimal(15,2)) AS vat_total
        FROM @pvn13_main_table_11
        FOR XML PATH('pvn11_totals'), TYPE, ELEMENTS
    ),--/pvn11 */
    (
        --pvn12
        SELECT
            dar_veids,
            do_limit,
            doc_nr,
            client_doc_nr,
            vat_code,
            directo_table,
            doc_type AS TYPE,
            client_name,
            vat_reg_nr,
            country_code,
            doc_sum AS SUM,

```

```

        doc_vat AS vat,
        rate,
        currency,
        alt_rate,
        alt_currency,
        alt_doc_currency_sum,
        doc_date AS DATE
    FROM
        @pvn12_main_table
    WHERE
        (doc_sum <> 0) FOR XML PATH('doc'),
        TYPE,
        ELEMENTS
) AS [pvn12_docs],
(
    SELECT
        CAST(SUM(doc_sum) AS DECIMAL(15, 2)) AS sum_total,
        CAST(SUM(doc_vat) AS DECIMAL(15, 2)) AS vat_total
    FROM
        @pvn12_main_table FOR XML PATH('pvn12_totals'),
        TYPE,
        ELEMENTS
),
(
    -- rates
    SELECT
        currency,
        (
            SELECT
                TOP 1 CAST(kurss1 AS DECIMAL(28, 18)) AS rate,
                aeg AS DATE
            FROM
                curr_rates
            WHERE
                kood = currency
            ORDER BY
                aeg DESC FOR XML PATH(''),
                TYPE
        )
    FROM
        @pvn12_currencies FOR XML PATH('rate'),
        TYPE,
        ELEMENTS
) AS [pvn12_currency_rates],
--/pvn12
(
    --pvn13
    SELECT
        dar_veids,
        do_limit,
        dok_veids,

```

```

        doc_nr,
        vat_code,
        client_name,
        vat_reg_nr,
        doc_sum AS SUM,
        doc_vat AS vat,
        doc_date AS DATE
    FROM
        @pvn1_3_top_table FOR XML PATH('doc'),
        TYPE,
        ELEMENTS
) AS [pvn13_docs_above],
(
    SELECT
        dok_veids,
        client_name,
        vat_reg_nr,
        doc_sum AS SUM,
        doc_vat AS vat
    FROM
        @v_totals FOR XML PATH('doc'),
        TYPE,
        ELEMENTS
) AS [pvn13_docs_above],
(
    SELECT
        dok_veids,
        client_name,
        vat_reg_nr,
        doc_sum AS SUM,
        doc_vat AS vat
    FROM
        @x_totals FOR XML PATH('doc'),
        TYPE,
        ELEMENTS
) AS [pvn13_docs_above],
(
    SELECT
        isnull(SUM(doc_sum), 0) + (
            SELECT
                SUM(sum_wo_vat)
            FROM
                @fin_kanded_read
        ) AS sum_total,
        isnull(SUM(doc_vat), 0) + (
            SELECT
                SUM(vat_sum)
            FROM
                @fin_kanded_read
        ) AS vat_total
    FROM

```

```

        @t_totals FOR XML PATH('pvn13_totals_below'),
        TYPE,
        ELEMENTS
    ),
    (
        SELECT
            CAST(SUM(doc_sum) AS DECIMAL(15, 2)) AS sum_total,
            CAST(SUM(doc_vat) AS DECIMAL(15, 2)) AS vat_total
        FROM
            @pvn1_3tots FOR XML PATH('pvn13_totals'),
            TYPE,
            ELEMENTS
    ),
    --/pvn13
    /*
    (
        SELECT dok_veids, client_name, vat_reg_nr, sum(doc_sum) AS sum,
sum(doc_vat) AS vat
        FROM @pvn13_sums_above_table where dok_veids!='T' group by dok_veids,
client_name, vat_reg_nr
        FOR XML PATH('doc'), TYPE, ELEMENTS
    ) AS [pvn13_docs_above],
    (
        SELECT CAST(SUM(doc_sum) AS decimal(15,2)) AS sum_total,
CAST(SUM(doc_vat) AS decimal(15,2)) AS vat_total
        FROM @pvn13_sums_above_table m where dok_veids='T'
        FOR XML PATH('pvn13_totals_below'), TYPE, ELEMENTS
    ),
    (
        SELECT CAST((SUM(toptabledoc)) AS decimal(15,2)) AS sum_total,
CAST(SUM(toptablevat) AS decimal(15,2)) AS vat_total
        FROM @pvn13sums
        FOR XML PATH('pvn13_totals'), TYPE, ELEMENTS
    ),*/
    --/pvn13
    (
        --pvn21
        SELECT
            pazime,
            vat_reg_nr,
            CAST(SUM(article_sum) AS DECIMAL(15, 2)) AS SUM
        FROM
            @invoices_grouped
        GROUP BY
            vat_reg_nr,
            pazime FOR XML PATH('doc'),
            TYPE,
            ELEMENTS
    ) AS [pvn21_docs],
    (
        SELECT

```

```
        CAST(SUM(article_sum) AS DECIMAL(15, 2)) AS sum_total
FROM
    @invoices_grouped FOR XML PATH('pvn21_totals'),
    TYPE,
    ELEMENTS
) --/pvn21
FOR XML PATH('document'),
TYPE,
ELEMENTS
```

From:
<https://wiki.directo.ee/> - Directo Help

Permanent link:
<https://wiki.directo.ee/lv/procedures?rev=1601555341>

Last update: **2020/10/01 15:29**

